

PW15049

AS-NEEDED ENVIRONMENTAL ASSESSMENT, REMEDIATION,
AND COMPLIANCE SERVICES

AGREEMENT FOR CONSULTANT SERVICES

THIS AGREEMENT, made and entered into this 31st day of January, 2017.

BY AND BETWEEN

COUNTY OF LOS ANGELES, State of California,
hereinafter referred to as County,

AND

AMEC FOSTER WHEELER ENVIRONMENT &
INFRASTRUCTURE, INC.
hereinafter referred to as Consultant,

The parties hereto do mutually agree as follows:

1. Definition

County means either County; County, as agent for such joint powers authority or nonprofit corporation as may be involved in the issuance of bonds, certificates of participation, or other evidences of indebtedness to finance the work contemplated herein; or said joint powers authority or nonprofit corporation.

2. Consultant's Services

The scope of work shall be as outlined in the Attachment dated November 1, 2016. Consultant's proposal is incorporated herein as a part of this Contract. In the event that any conflict or inconsistency between this Contract and Consultant's proposal are found, such conflict or inconsistency shall be resolved by giving precedence first to the Contract and the attachments to the Contract.

No work shall commence on this project until a written Notice to Proceed is issued by County. County does not guarantee or promise that any work will be assigned to Consultant under this contract until a written Notice to Proceed is issued by the County. Consultant is also referred herein as Contractor.

3. Consideration

In consideration of the performance by Consultant in a manner satisfactory to County of the services described in Paragraph 2 above, including receipt and acceptance of such

work by Director of the County of Los Angeles Department of Public Works (hereinafter called Director), County agrees to pay Consultant an annual-aggregate not-to-exceed program amount of Twelve Million Five Hundred Thousand Dollars (\$12,500,000) in the manner set forth immediately below and according to the Schedule of Prices attached to this Agreement as Attachment 3. County does not guarantee any work or services of any specific monetary amount under this Contract.

Consultant shall invoice County upon the completion of tasks, subtasks, deliverables, and other additional services specified in this Agreement, Scope of Work, and any change orders, as applicable, and which have been approved in writing by the County.

- a. Payments for the work accomplished shall be made upon verification and acceptance of such work by Director, as stated in the Attachment dated November 1, 2016, up to an annual-aggregate not-to-exceed program amount of \$12,500,000. Invoices shall be accompanied by an analysis of work completed for the invoice period. This analysis shall be prepared in a format satisfactory to Director.
- b. At the sole discretion of the Director, or his/her designee, the annual-aggregate not-to-exceed program amount may be supplemented by up to \$75,000, per amendment, based on workload requirements. The aggregate amount of such amendments shall not exceed 25 percent of the original annual-aggregate program amount. The amendment shall be executed in accordance with Paragraph 49 Supplemental/Amendment. Work will be based on Consultant's fee schedule attached to this Agreement as Attachment 3.
- c. Consultant shall not proceed with additional services not set forth in the scope of work or perform services outside the Contract Term without an amendment to this Agreement as set forth in Paragraph 49. Consultant will not be paid for any expenditure beyond the Contract amount stipulated without an amendment to this Agreement.
- d. No Payment for Services Provided Following Expiration/Termination of Agreement: Consultant shall have no claim against County for payment for any money or reimbursement, of any kind whatsoever, for any service provided by Consultant after the expiration or other termination of this Agreement. Should Consultant receive any such payment it shall immediately notify County and shall immediately repay all such funds to County. Payment by County for services rendered after expiration/termination of this Agreement shall not constitute a waiver of County's right to recover such payment from Consultant. This provision shall survive the expiration or other termination of this Agreement.
- e. If requested by the Consultant, the contract hourly amount may, at the sole discretion of the County, be increased at the time of contract renewal, if exercised by the County, based on the most recently published percentage change in the U.S.

Department of Labor, Bureau of Labor Statistics' Consumer Price Index (CPI) for the Los Angeles-Riverside-Orange County Area for the 12-month period preceding the contract renewal date, which shall be the effective date for any Cost of Living Adjustment (COLA). However, any increase shall not exceed the general salary movement granted to County employees as determined by the Chief Executive Officer as of each July 1 for the prior 12-month period. Furthermore, should fiscal circumstances ultimately prevent the Board from approving any increase in County employee salaries, no COLA will be granted. Upon approval of a COLA, a notification will be sent to the Consultant.

- f. Consultant will notify County when Contract amount has been incurred up to 75% of the Contract total.

4. Equipment and Supplies

Consultant agrees to furnish all necessary equipment and supplies used in the performance of the aforementioned services at Consultant's sole cost and expense.

5. County's Responsibility

County will make available drawings, specifications, and other records as available in County Department of Public Works' file. Notwithstanding the foregoing, County does not represent the accuracy of the content of said materials.

6. County's Representative

Director or Director's authorized representative, shall represent County in all matters pertaining to the services to be rendered pursuant to this Agreement.

7. Term

- a. The term of this Agreement shall be for a period of one year commencing on the date of the full execution of the contract. At the sole discretion of the County, this Agreement may be extended for four additional one-year terms, not to exceed a total contract period of five years. No work will proceed until a Notice to Proceed is issued by the County.
- b. The Consultant shall notify Public Works when this Contract is within six (6) months from the expiration of the term as provided for hereinabove. Upon occurrence of this event, the Consultant shall send written notification to Public Works at the address herein provided in Notices Paragraph.
- c. If the County authorizes the Consultant in writing to perform services on a given project prior to the stated expiration date, but thereafter such services are not

completed by the stated expiration date, then the expiration of the Agreement shall be automatically extended solely to allow for the completion of such services. County may authorize unforeseen additional services and extend the contract expiration date as necessary to complete those services when the unforeseen additional services are directly related to the initial scope of work and are necessary for the completion of a given project.

8. Assignment and Delegation

- a. Consultant shall not assign its rights or delegate its duties under the Agreement, or both, whether in whole or in part, without the prior written consent of County, in its discretion, and any attempted assignment or delegation without such consent shall be null and void. For purposes of this paragraph, County consent shall require a written amendment to the Agreement, which is formally approved and executed by the parties. Any payments by County to any approved delegate or assignee on any claim under the Agreement shall be deductible, at County's sole discretion, against the claims which Consultant may have against County.
- b. Shareholders, partners, members, or other equity holders of Consultant may transfer, sell, exchange, assign, or divest themselves of any interest they may have therein. However, in the event any such sale, transfer, exchange, assignment, or divestment is effected in such a way as to give majority control of Consultant to any person(s), corporation, partnership, or legal entity other than the majority controlling interest therein at the time of execution of the Agreement, such disposition is an assignment requiring the prior written consent of County in accordance with applicable provisions of this Agreement.
- c. Any assumption, assignment, delegation, or takeover of any of the Consultant's duties, responsibilities, obligations, or performance of same by any entity other than the Consultant, whether through assignment, subcontract, delegation, merger, buyout, or any other mechanism, with or without consideration for any reason whatsoever without County's express prior written approval, shall be a material breach of the Agreement which may result in the termination of the Agreement. In the event of such termination, County shall be entitled to pursue the same remedies against Consultant as it could pursue in the event of default by Consultant.

9. Authorization Warranty

The Consultant represents and warrants that the person executing this Contract for the Consultant is an authorized agent who has actual authority to bind the Consultant to each and every term, condition, and obligation of this Contract and that all requirements of the Consultant have been fulfilled to provide such actual authority.

10. Budget Reductions

In the event that the County's Board of Supervisors adopts, in any fiscal year, a County Budget which provides for reductions in the salaries and benefits paid to the majority of County employees and imposes similar reductions with respect to County Contracts, the County reserves the right to reduce its payment obligation under this Contract correspondingly for that fiscal year and any subsequent fiscal year during the term of this Contract (including any extensions), and the services to be provided by the Consultant under this Contract shall also be reduced correspondingly. The County's notice to the Consultant regarding said reduction in payment obligation shall be provided within thirty (30) calendar days of the Board's approval of such actions. Except as set forth in the preceding sentence, the Consultant shall continue to provide all of the services set forth in this Contract.

11. Compliance with Applicable Law

- a. In the performance of this Contract, Consultant shall comply with all applicable Federal, State and local laws, rules, regulations, ordinances, directives, guidelines, policies and procedures, and all provisions required thereby to be included in this Contract are hereby incorporated herein by reference.
- b. Consultant shall indemnify, defend, and hold harmless County, its officers, employees, and agents, from and against any and all claims, demands, damages, liabilities, losses, costs, and expenses, including, without limitation, defense costs and legal, accounting and other expert, consulting or professional fees, arising from, connected with, or related to any failure by Consultant, its officers, employees, agents, or subconsultants, to comply with any such laws, rules, regulations, ordinances, directives, guidelines, policies, or procedures, as determined by County in its sole judgment. Any legal defense pursuant to Consultant's indemnification obligations under this Paragraph shall be conducted by Consultant and performed by counsel selected by Consultant and approved by County. Notwithstanding the preceding sentence, County shall have the right to participate in any such defense at its sole cost and expense, except that in the event Consultant fails to provide County with a full and adequate defense, as determined by County in its sole judgment, County shall be entitled to retain its own counsel, including, without limitation, County Counsel, and reimbursement from Consultant for all such costs and expenses incurred by County in doing so. Consultant shall not have the right to enter into any settlement, agree to any injunction or other equitable relief, or make any admission, in each case, on behalf of County without County's prior written approval.

12. Compliance with Civil Rights Laws

The Consultant hereby assures that it will comply with Subchapter VI of the Civil Rights Act of 1964, 42 USC Sections 2000 (e) (1) through 2000 (e) (17), to the end that no person shall, on the grounds of race, creed, color, sex, religion, ancestry, age, condition of physical handicap, marital status, political affiliation, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under this Contract or under any project, program, or activity supported by this Contract. The Consultant shall comply with Consultant's EEO Certification.

13. Compliance with Jury Service Program

This Contract is subject to provisions of the County's ordinance entitled Contractor Employee Jury Service (Jury Service Program) as codified in Sections 2.203.010 through 2.203.090 of the Los Angeles County Code, incorporated by reference and made a part of this Agreement.

- a. Unless Consultant, also referred herein as Contractor, has demonstrated to the County's satisfaction either that Contractor is not a Contractor as defined under the Jury Service Program (Section 2.203.020 of the County Code) or that Contractor qualifies for an exception to the Jury Service Program (Section 2.203.070 of the County Code), Consultant shall have and adhere to a written policy that provides that its Employees shall receive from the Contractor, on an annual basis, no less than five days of regular pay for actual jury service. The policy may provide that Employees deposit any fees received for such jury service with the Contractor or that the Contractor deduct from the Employee's regular pay the fees received for jury service.
- b. For purposes of this Section, Contractor means a person, partnership, corporation or other entity which has a Contract with the County or a subcontract with a County Contractor and has received or will receive an aggregate sum of \$50,000 or more in any 12-month period under one or more County Contracts or subcontracts. Employee means any California resident who is a full-time employee of Contractor. Full-time means 40 hours or more worked per week, or a lesser number of hours if: 1) the lesser number is a recognized industry standard as determined by the County, or 2) Contractor has a long-standing practice that defines the lesser number of hours as full-time. Full-time employees providing short-term, temporary services of 90 days or less within a 12-month period are not considered full-time for purposes of the Jury Service Program. If Contractor uses any subcontractor to perform services for the County under the Contract, the subcontractor shall also be subject to the provisions of this Paragraph. The provisions of this Section shall be inserted into any such subcontract Agreement and a copy of the Jury Service Program shall be attached to the Agreement.
- c. If Consultant is not required to comply with the Jury Service Program when the Contract commences, Contractor shall have a continuing obligation to review the applicability of its exception status from the Jury Service Program, and Contractor shall immediately notify County if Contractor at any time either comes within the Jury Service Program's definition of Contractor or if Contractor no longer qualifies for an exception to the Program. In either event, Contractor shall immediately implement a written policy consistent with the Jury Service Program. The County may also require, at any time during the Agreement and at its sole discretion, that Contractor demonstrate to the County's satisfaction that Contractor either continues to remain

outside the Jury Service Program's definition of Contractor and/or that Contractor continues to qualify for an exception to the Program.

- d. Contractor's violation of this Paragraph of the Agreement may constitute a material breach of the Agreement. In the event of such material breach, County may, in its sole discretion, terminate the Contractor and/or bar Contractor from the award of future County contracts for a period of time consistent with the seriousness of the breach.

14. Confidentiality

Consultant shall maintain the confidentiality of all records and information, proprietary information, software codes, trade secrets, confidential information, etc., whether of County or third parties, in accordance with all applicable Federal, State, and local laws, rules, regulations, ordinances, directives, guidelines, policies and procedures relating to confidentiality, including, without limitation, County policies concerning information technology security and the protection of confidential records and information.

Consultant shall indemnify, defend, and hold harmless County, its officers, employees, and agents, from and against any and all claims, demands, damages, liabilities, losses, costs and expenses, including, without limitation, defense costs and legal, accounting and other expert, consulting, or professional fees, arising from, connected with, or related to any failure by Consultant, its officers, employees, agents, or subconsultants, to comply with this Paragraph, as determined by County in its sole judgment. Any legal defense pursuant to Consultant's indemnification obligations under this Paragraph shall be conducted by Consultant and performed by counsel selected by Consultant and approved by County. Notwithstanding the preceding sentence, County shall have the right to participate in any such defense at its sole cost and expense, except that in the event Consultant fails to provide County with a full and adequate defense, as determined by County in its sole judgment, County shall be entitled to retain its own counsel, including, without limitation, County Counsel, and reimbursement from Consultant for all such costs and expenses incurred by County in doing so. Consultant shall not have the right to enter into any settlement, agree to any injunction, or make any admission, in each case, on behalf of County without County's prior written approval.

15. Conflict of Interest

No County employee in a position to influence the award of this Agreement or any competing Agreement, and no spouse or economic dependent of such employee, shall be employed in any capacity by Consultant herein, or have any other direct or indirect financial interest in this Agreement. No officer or employee of the Consultant who may financially benefit from the performance of work hereunder shall in any way participate in the County's approval, or ongoing evaluation, of such work, or in any way attempt to unlawfully influence the County's approval or ongoing evaluation of such work.

The Consultant shall comply with all conflict of interest laws, ordinances, and regulations now in effect or hereafter to be enacted during the term of this Agreement. The Consultant warrants that it is not now aware of any facts that create a conflict of interest. If the Consultant hereafter becomes aware of any facts that might reasonably be expected to create a conflict of interest, it shall immediately make full written disclosure of such facts to the County. Full written disclosure shall include, but is not limited to, identification of all persons implicated and a complete description of all relevant circumstances. Failure to comply with the provisions of this Paragraph shall be a material breach of this Agreement.

16. Consideration of Hiring County Employees Targeted for Layoff/or Re-Employment List

Should the Consultant require additional or replacement personnel after the effective date of this Contract to perform the services set forth herein, the Consultant shall give first consideration for such employment openings to qualified, permanent County employees who are targeted for layoff or qualified, former County employees who are on a re-employment list during the life of this Contract.

17. Consideration of Hiring GAIN/GROW Program Participants

Should the Consultant require additional or replacement personnel after the effective date of this Contract, the Consultant shall give consideration for any such employment openings to participants in the County's Department of Public Social Services Greater Avenues for Independence (GAIN) Program or General Relief Opportunity for Work (GROW) Program who meet the Consultant's minimum qualifications for the open position. For this purpose, consideration shall mean that the Consultant will interview qualified candidates. The County will refer GAIN/GROW participants by job category to the Consultant. Consultant shall report all job openings with job requirements to: GAINGROW@dpss.lacounty.gov to obtain a list of qualified GAIN/GROW job candidates.

In the event that both laid-off County employees and GAIN/GROW participants are available for hiring, County employees shall be given first priority.

18. Background and Security Investigations

- a. Each of Contractor's staff performing services under this Contract, who is in a designated sensitive position, as determined by County in County's sole discretion, shall undergo and pass a background investigation to the satisfaction of County as a condition of beginning and continuing to perform services under this Contract. Such background investigation must be obtained through fingerprints submitted to the California Department of Justice to include State, local, and federal-level review, which may include, but shall not be limited to, criminal conviction information. The fees associated with the background investigation shall be at the

expense of the Contractor, regardless of whether the member of Contractor's staff passes or fails the background investigation.

- b. If a member of Contractor's staff does not pass the background investigation, County may request that the member of Contractor's staff be removed immediately from performing services under the Contract. Contractor shall comply with County's request at any time during the term of the Contract. County will not provide to Contractor or to Contractor's staff any information obtained through the County's background investigation.
- c. County, in its sole discretion, may immediately deny or terminate facility access to any member of Contractor's staff that does not pass such investigation to the satisfaction of the County or whose background or conduct is incompatible with County facility access.
- d. Disqualification of any member of Contractor's staff pursuant to this Paragraph shall not relieve Contractor of its obligation to complete all work in accordance with the terms and conditions of this Contract.

19. Consultant Responsibility and Debarment

- a. A responsible Consultant is a Contractor who has demonstrated the attribute of trustworthiness, as well as quality, fitness, capacity, and experience to satisfactorily perform the Contract. It is the County's policy to conduct business only with responsible Contractors. Contractor is a Contractor who has demonstrated the attribute of trustworthiness, as well as quality, fitness, capacity, and experience to satisfactorily perform the Contract. It is the County's policy to conduct business only with responsible Contractors.
- b. The Contractor is hereby notified that, in accordance with Chapter 2.202 of the County Code, if the County acquires information concerning the performance of the Contractor on this or other Contracts which indicates that the Contractor is not responsible, the County may, in addition to other remedies provided in the Contract, debar the Contractor from bidding or proposing on, or being awarded, and/or performing work on County Contracts for a specified period of time, which generally will not exceed five years but may exceed five years or be permanent if warranted by the circumstances, and terminate any or all existing Contracts the Contractor may have with the County.
- c. The County may debar a Contractor if the Board of Supervisors finds, in its discretion, that the Contractor has done any of the following: (1) violated a term of a Contract with the County or a nonprofit corporation created by the County; (2) committed an act or omission which negatively reflects on the Contractor's quality, fitness or capacity to perform a Contract with the County, any other public entity, or a nonprofit corporation created by the County, or engaged in a pattern or practice which negatively reflects on same; (3) committed an act or offense which indicates

a lack of business integrity or business honesty, or (4) made or submitted a false claim against the County or any other public entity.

- d. If there is evidence that the Contractor may be subject to debarment, the Department will notify the Contractor in writing of the evidence which is the basis for the proposed debarment and will advise the Contractor of the scheduled date for a debarment hearing before the Contractor Hearing Board.
- e. The Contractor Hearing Board will conduct a hearing where evidence on the proposed debarment is presented. The Contractor and/or the Contractor's representative shall be given an opportunity to submit evidence at that hearing. After the hearing, the Contractor Hearing Board shall prepare a tentative proposed decision, which shall contain a recommendation regarding whether the Contractor should be debarred, and, if so, the appropriate length of time of the debarment. The Contractor and the Department shall be provided an opportunity to object to the tentative proposed decision prior to its presentation to the Board of Supervisors.
- f. After consideration of any objections, or if no objections are submitted, a record of the hearing, the proposed decision and any other recommendation of the Contractor Hearing Board shall be presented to the Board of Supervisors. The Board of Supervisors shall have the right to modify, deny or adopt the proposed decision and recommendation of the Hearing Board.
- g. If the Contractor has been debarred for a period longer than five years, that Contractor may, after the debarment has been in effect for at least five years, submit a written request for review of the debarment determination to reduce the period of debarment or terminate the debarment. The County may, in its discretion, reduce the period of debarment or terminate the debarment if it finds that the Contractor has adequately demonstrated one or more of the following: (1) elimination of the grounds for which the debarment was imposed; (2) a bona fide change in ownership or management; (3) material evidence discovered after debarment was imposed; or (4) any other reason that is in the best interests of the County.
- h. The Contractor Hearing Board will consider a request for review of a debarment determination only where (1) the Contractor has been debarred for a period longer than five years; (2) the debarment has been in effect for at least five years; and (3) the request is in writing, states one or more of the grounds for reduction of the debarment period or termination of the debarment, and includes supporting documentation. Upon receiving an appropriate request, the Contractor Hearing Board will provide notice of the hearing on the request. At the hearing, the Contractor Hearing Board shall conduct a hearing where evidence on the proposed reduction of debarment period or termination of debarment is presented. This hearing shall be conducted and the request for review decided by the Contractor Hearing Board pursuant to the same procedures as for a debarment hearing.

The Contractor Hearing Board's proposed decision shall contain a recommendation on the request to reduce the period of debarment or terminate the debarment. The Contractor Hearing Board shall present its proposed decision and recommendation to the Board of Supervisors. The Board of Supervisors shall have the right to modify, deny, or adopt the proposed decision and recommendation of the Contractor Hearing Board.

i. These terms shall also apply to subcontractors of County Contractors.

20. Consultant's Acknowledgement of County's Commitment to the Safely Surrendered Baby Law and Notice to Employees Regarding the Safely Surrendered Baby Law

The Consultant acknowledges that the County places a high priority on the implementation of the Safely Surrendered Baby Law. The Consultant understands that it is the County's policy to encourage all County Consultants to voluntarily post the County's "Safely Surrendered Baby Law" poster in a prominent position at the Consultant's place of business. The Consultant will also encourage its Subconsultants, if any, to post this poster in a prominent position in the Subconsultant's place of business. The County's Department of Children and Family Services will supply the Consultant with the poster to be used. Information on how to receive the poster can be found on the Internet at www.babysafela.org.

The Consultant shall notify and provide to its employees, and shall require each Subconsultant to notify and provide to its employees, a fact sheet regarding the Safely Surrendered Baby Law, its implementation in Los Angeles County, and where and how to safely surrender a baby. The fact sheet is available on the Internet at www.babysafela.org for printing purposes.

21. Contractor's Warranty of Adherence to County's Child Support Compliance Program

Contractor acknowledges that County has established a goal of ensuring that all individuals who benefit financially from County through Contract are in compliance with their court-ordered child, family, and spousal support obligations in order to mitigate the economic burden otherwise imposed upon County and its taxpayers.

As required by County's Child Support Compliance Program (County Code Chapter 2.200) and without limiting Contractor's duty under this Contract to comply with all applicable provisions of law, Contractor warrants that it is now in compliance and shall during the term of this Contract maintain compliance with employment and wage reporting requirements as required by the Federal Social Security Act (42 USC Section 653a) and California Unemployment Insurance Code Section 1088.5, and shall implement all lawfully served Wage and Earnings Withholding Orders or District Attorney Notices of Wage and Earnings Assignment for Child or Spousal Support, pursuant to Code of Civil Procedure Section 706.031 and Family Code Section 5246(b).

Failure of Contractor to maintain compliance with these requirements shall constitute a default by Contractor under this Contract.

22. County's Quality Assurance Plan

County, or its agent, will evaluate Consultant's performance under this Agreement on not less than an annual basis. Such evaluation will include assessing Consultant's compliance with all Contract terms and performance standards. Consultant deficiencies which County determines are severe or continuing, and that may place performance of the Agreement in jeopardy if not corrected, will be reported to the Board of Supervisors. The report will include improvement/corrective action measures taken by County and Consultant. If improvement does not occur consistent with the corrective action measures, County may terminate this Agreement or impose other penalties as specified in this Agreement.

23. County Rights

The County may employ, either during or after performance of this Contract, any right of recovery the County may have against the Consultant by any means it deems appropriate including, but not limited to, set-off, action at law or in equity, withholding, recoupment, or counterclaim. The rights and remedies of the County under this Contract are in addition to any right or remedy provided by California law.

24. Damage to County Facilities, Buildings or Grounds

- a. When applicable, the Consultant shall repair, or cause to be repaired, at its own cost, any and all damage to County facilities, buildings, or grounds caused by the Consultant or employees or agents of the Consultant. Such repairs shall be made immediately after the Consultant has become aware of such damage, but in no event later than thirty (30) days after the occurrence.
- b. If the Consultant fails to make timely repairs, County may make any necessary repairs. All costs incurred by County, as determined by County, for such repairs shall be repaid by the Consultant by cash payment upon demand.

25. Employment Eligibility Verification

Consultant warrants that it fully complies with all Federal statutes and regulations regarding employment of aliens and others, and that all its employees performing services hereunder meet the citizenship or alien status requirements contained in Federal statutes and regulations. Consultant shall obtain, from all covered employees performing services hereunder, all verifications and other documentation of employment eligibility status required by Federal statutes and regulations as they currently exist and as they may be hereafter amended. Consultant shall retain such

documentation for all covered employees for the period prescribed by law. Consultant shall indemnify, defend, and hold harmless County, its officers, and employees from employer sanctions and any other liability which may be assessed against Consultant or County in connection with any alleged violation of Federal statutes or regulations pertaining to the eligibility for employment of persons performing services under this Agreement.

26. Facsimile/Electronic Representations

The County and the Consultant hereby agree to regard facsimile/electronic representations of original signatures of authorized officers of each party, when appearing in appropriate places on the amendments prepared, and received via communications facilities, as legally sufficient evidence that such original signatures have been affixed to amendments to this Contract, such that the parties need not follow up facsimile/electronic transmissions of such documents with subsequent (non-facsimile/electronic) transmission of "original" versions of such documents.

27. Fair Labor Standards

Consultant shall comply with all applicable provisions of the Federal Fair Labor Standards Act, and shall indemnify, defend, and hold harmless County, its agents, officers, and employees from any and all liability including, but not limited to, wages, overtime pay, liquidated damages, penalties, court costs, and attorneys' fees arising under any wage and hour law including, but not limited to, the Federal Fair Labor Standards Act for services performed by Consultant's employees for which County may be found jointly or solely liable.

28. Force Majeure

- a. Neither party shall be liable for such party's failure to perform its obligations under and in accordance with this Contract, if such failure arises out of fires, floods, epidemics, quarantine restrictions, other natural occurrences, strikes, lockouts (other than a lockout by such party or any of such party's subconsultants), freight embargoes, or other similar events to those described above, but in every such case the failure to perform must be totally beyond the control and without any fault or negligence of such party (such events are referred to in this Paragraph as "force majeure events").
- b. Notwithstanding the foregoing, a default by a subconsultant of Consultant shall not constitute a force majeure event, unless such default arises out of causes beyond the control of both Consultant and such subconsultant, and without any fault or negligence of either of them. In such case, Consultant shall not be liable for failure to perform, unless the goods or services to be furnished by the subconsultant were obtainable from other sources in sufficient time to permit Consultant to meet the required performance schedule. As used in this sub-

paragraph, the term "subconsultant" and "subconsultants" mean subconsultants at any tier.

- c. In the event Consultant's failure to perform arises out of a force majeure event, Consultant agrees to use commercially reasonable best efforts to obtain goods or services from other sources, if applicable, and to otherwise mitigate the damages and reduce the delay caused by such force majeure event.

29. Governing Law, Jurisdiction, and Venue

This Contract shall be governed by, and construed in accordance with, the laws of the State of California. The Consultant agrees and consents to the exclusive jurisdiction of the courts of the State of California for all purposes regarding this Contract and further agrees and consents that venue of any action brought hereunder shall be exclusively in the County of Los Angeles.

30. Independent Consultant Status

This Agreement is by and between County of Los Angeles and Consultant and is not intended, and shall not be construed, to create the relationship of agent, servant, employee, partnership, joint venture, or association, as between County and Consultant. The employees and agents of one party shall not be, or be construed to be, the employees or agents of the other party for any purpose whatsoever.

The Consultant shall be solely liable and responsible for providing to, or on behalf of, all persons performing work pursuant to this Contract all compensation and benefits. The County shall have no liability or responsibility for the payment of any salaries, wages, unemployment benefits, disability benefits, Federal, State, or local taxes, or other compensation, benefits, or taxes for any personnel provided by or on behalf of the Consultant. Consultant understands and agrees that all persons furnishing services to County pursuant to this Agreement are, for purposes of Workers' Compensation liability, employees solely of Consultant and not of County.

Consultant shall bear the sole responsibility and liability for furnishing workers' compensation benefits to any person for injuries arising from, or connected with, services performed on behalf of Consultant pursuant to this Agreement.

31. Indemnification and Insurance

The Indemnification and Insurance Provisions are set forth in Attachment 2 of this Agreement.

32. Liquidated Damages

- a. If, in the judgment of the Director, or his/her designee, the Consultant is deemed to be non-compliant with the terms and obligations assumed hereby, the Director, or his/her designee, at his/her option, in addition to, or in lieu of, other remedies provided herein, may withhold the entire monthly payment or deduct pro rata from the Consultant's invoice for work not performed. A description of the work not performed and the amount to be withheld or deducted from payments to the Consultant from the County, will be forwarded to the Consultant by the Director, or his/her designee, in a written notice describing the reasons for said action.
- b. If the Director or his/her designee, determines that there are deficiencies in the performance of this Contract that the Director, or his/her designee, deems are correctable by the Consultant over a certain time span, the Director, or his/her designee, will provide a written notice to the Consultant to correct the deficiency within specified time frames. Should the Consultant fail to correct deficiencies within said time frame, the Director, or his/her designee, may: (a) Deduct from the Consultant's payment, pro rata, those applicable portions of the Monthly Contract Sum; and/or (b) Deduct liquidated damages. The parties agree that it will be impracticable or extremely difficult to fix the extent of actual damages resulting from the failure of the Consultant to correct a deficiency within the specified time frame. The parties hereby agree that under the current circumstances a reasonable estimate of such damages is One Hundred Dollars (\$100) per day per infraction, and that the Consultant shall be liable to the County for liquidated damages in said amount. Said amount shall be deducted from the County's payment to the Consultant; and/or (c) Upon giving five (5) days notice to the Consultant for failure to correct the deficiencies, the County may correct any and all deficiencies and the total costs incurred by the County for completion of the work by an alternate source, whether it be County forces or separate private Consultant, will be deducted and forfeited from the payment to the Consultant from the County, as determined by the County.
- c. The action noted in this Paragraph shall not be construed as a penalty, but as adjustment of payment to the Consultant to recover the County cost due to the failure of the Consultant to complete or comply with the provisions of this Contract.
- d. This Paragraph shall not, in any manner, restrict or limit the County's right to damages for any breach of this Contract provided by law or as specified in Paragraph b above, and shall not, in any manner, restrict or limit the County's right to terminate this Contract as agreed to herein.

33. Most Favored Public Entity

If the Consultant's prices decline, or should the Consultant at any time during the term of this Contract provide the same goods or services under similar quantity and delivery conditions to the State of California or any county, municipality, or district of the State at prices below those set forth in this Contract, then such lower prices shall be immediately extended to the County.

34. Nondiscrimination and Affirmative Action

- a. The Consultant certifies and agrees that all persons employed by it, its affiliates, subsidiaries, or holding companies are and shall be treated equally without regard to or because of race, color, religion, ancestry, national origin, sex, age, physical or mental disability, marital status, or political affiliation, in compliance with all applicable Federal and State anti-discrimination laws and regulations.
- b. The Consultant shall certify to, and comply with, the provisions of Consultant's EEO Certification.
- c. The Consultant shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to race, color, religion, ancestry, national origin, sex, age, physical or mental disability, marital status, or political affiliation, in compliance with all applicable Federal and State anti-discrimination laws and regulations. Such action shall include, but is not limited to: employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship.
- d. The Consultant certifies and agrees that it will deal with its subconsultants, bidders, or vendors without regard to or because of race, color, religion, ancestry, national origin, sex, age, physical or mental disability, marital status, or political affiliation.
- e. The Consultant certifies and agrees that it, its affiliates, subsidiaries, or holding companies shall comply with all applicable Federal and State laws and regulations to the end that no person shall, on the grounds of race, color, religion, ancestry, national origin, sex, age, physical or mental disability, marital status, or political affiliation, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under this Contract or under any project, program, or activity supported by this Contract.
- f. The Consultant shall allow County representatives access to the Consultant's employment records during regular business hours to verify compliance with the provisions of this Paragraph when so requested by the County.
- g. If the County finds that any provisions of this Paragraph have been violated, such violation shall constitute a material breach of this Contract upon which the County

may terminate or suspend this Contract. While the County reserves the right to determine independently that the anti-discrimination provisions of this Contract have been violated, in addition, a determination by the California Fair Employment and Housing Commission or the Federal Equal Employment Opportunity Commission that the Consultant has violated Federal or State anti-discrimination laws or regulations shall constitute a finding by the County that the Consultant has violated the anti-discrimination provisions of this Contract.

- h. The parties agree that in the event the Consultant violates any of the anti-discrimination provisions of this Contract, the County shall, at its sole option, be entitled to the sum of Five Hundred Dollars (\$500) for each such violation pursuant to California Civil Code Section 1671 as liquidated damages in lieu of terminating or suspending this Contract.

35. Non Exclusivity

Nothing herein is intended nor shall be construed as creating any exclusive arrangement with the Consultant. This Contract shall not restrict Department from acquiring similar, equal or like goods and/or services from other entities or sources.

36. Notice of Delays

Except as otherwise provided under this Contract, when either party has knowledge that any actual or potential situation is delaying or threatens to delay the timely performance of this Contract, that party shall, within one (1) business day, give notice thereof, including all relevant information with respect thereto, to the other party.

37. Notice of Disputes

The Consultant shall bring to the attention of the County's Project Manager and/or County's Project Director any dispute between the County and the Consultant regarding the performance of services as stated in this Contract. If the County's Project Manager or County's Project Director is not able to resolve the dispute, the Director of Public Works, or his/her designee shall resolve it.

38. Notice to Employees Regarding the Federal Earned Income Credit

Consultant shall notify its employees, and shall require each subconsultant to notify its employees, that they may be eligible for the Federal Earned Income Credit under the Federal income tax laws. Such notice shall be provided in accordance with the requirement set forth in Internal Revenue Service Notice 1015.

39. Contractor CARD Track/Monitoring Database

The County maintains databases that track/monitor contractor performance history. Information entered into such databases may be used for a variety of purposes,

including determining whether the County will exercise a contract term extension option.

40. Notices

Any notice required or desired to be given pursuant to this Agreement shall be given in writing and addressed as follows:

COUNTY

CONSULTANT

Department of Public Works

Amec Foster Wheeler Environment & Infrastructure, Inc.

Contracts and Business Affairs Division

121 Innovation Drive, Suite 200

Contracts and Operations, 8th Floor

Irvine, CA 92617

900 South Fremont Avenue

(949) 642-0245

Alhambra, CA 91803

(626) 300-2325

The address for notice may be changed by giving notice pursuant to this paragraph.

41. Ownership of County Materials

- a. Consultant and County agree that all materials, including but not limited to, designs, specifications, techniques, plans, reports, deliverables, data, photographs, diagrams, maps, images, graphics, text, videos, advertising, software, source codes, website plans and designs, interactive media, drafts, working papers, outlines, sketches, summaries, edited and/or unedited versions of deliverables, and any other materials or information developed under this Agreement and any and all Intellectual Property rights to these materials, including any copyrights, trademarks, service marks, trade secrets, trade names, unpatented inventions, patent applications, patents, design rights, domain name rights, know-how, and any other proprietary rights and derivatives thereof, are and/or shall be the sole property of County (hereafter collectively, "County Materials"). Consultant hereby assigns and transfers to County all Consultant's right, title and interest in and to all such County Materials developed under this Agreement.

Notwithstanding such County ownership in the County Materials, Consultant may retain possession of working papers and materials prepared by Consultant under this Contract. During and for a minimum of five years subsequent to the term of this Contract, County shall have the right to inspect any and all such working papers and materials, make copies thereof and use the working papers and materials and the information contained therein.

- b. Consultant shall execute all documents requested by County and shall perform all other acts requested by County to assign and transfer to, and vest in County, all Consultant's right, title and interest in and to the County Materials, including, but not limited to, any and all copyrights, trademarks, service marks, trade names, unpatented inventions, patent applications, patents, design rights, domain name rights, know-how, and any other proprietary rights and derivatives thereof resulting from this Contract. County shall have the right to register all applicable copyrights, trademarks and patents in the name of the County of Los Angeles. Further, County shall have the right to assign, license, or otherwise transfer any and all County's rights, title and interest, including, but not limited to copyrights, trademarks, and patents, in and to the County Materials.
- c. Consultant represents and warrants that the County Materials prepared herein under this Agreement, are the original work of Consultant and do not infringe upon any Intellectual Property or proprietary rights of third parties. For those portions of the County Materials that are not the original work of Consultant, Consultant represents and warrants that it has secured all appropriate licenses, rights, and/or permission from appropriate third parties to include such materials in the County Materials.

Consultant shall defend, indemnify and hold County harmless against any claims by third parties based on infringement of copyright, patent, trade secret, trademark, or any other claimed Intellectual Property or proprietary right, arising from County's use of County Materials created and/or prepared by Consultant. Consultant will also indemnify and defend at its sole expense, any action brought against County based on a claim that County Materials furnished hereunder by Consultant and used within the scope of this Agreement infringe any copyright, patent, trade secret, trademark, or any other claimed intellectual property or proprietary right of third parties, and Consultant will pay any costs, damages and attorney's fees incurred by County. County will notify Consultant promptly and in writing of any such action or claim and will permit Consultant to fully participate in the defense thereof.

- d. Consultant shall affix the following notice to all County Materials: "© Copyright 2016 (or such other appropriate date of first publication), County of Los Angeles. All Rights Reserved." Consultant shall affix such notice on the title page of all images, photographs, documents and writings, and otherwise as County may direct.
- e. County shall also have the sole right to control the preparation, modification, and revisions to, all acknowledgment and/or attribution language for all County Materials resulting from this Agreement. County will however, honor requests by Consultant seeking removal of all acknowledgment and/or attribution language relating to the Consultant, should Consultant no longer wish to receive attribution for its work on the County Materials.

- f. If directed to do so by County, Consultant will place the County name and County logo on County Materials developed under this Agreement. Consultant may not, however, use the County name and County logo on any other materials prepared or developed by Consultant that falls outside the scope of this Agreement.

42. Prohibition Against Inducement or Persuasion

Notwithstanding the above, the Consultant and the County agree that, during the term of this Contract and for a period of one year thereafter, neither party shall in any way intentionally induce or persuade any employee of one party to become an employee or agent of the other party. No bar exists against any hiring action initiated through a public announcement.

43. Prohibition from Participation in Future Solicitation(s)

Neither Consultant nor any subsidiary of or subcontractor to Consultant shall participate in any way in any future solicitation conducted by County that includes or is based upon any solicitation document that is developed as a result of the services rendered by Consultant under this Agreement. As this prohibition applies to subcontractors of the Consultant, Consultant shall notify any subcontractors providing services under this Agreement of this prohibition before they commence work under this Agreement. Any response to a solicitation submitted by Consultant or by any subsidiary of or subcontractor to Consultant in violation of this provision shall be rejected by County. This provision shall survive the expiration or other termination of this Agreement.

44. Public Records Act

- a. Any documents submitted by the Consultant; all information obtained in connection with the County's right to audit and inspect the Consultant's documents, books, and accounting records pursuant to Record Retention and Inspection/Audit Settlement Paragraph of this Contract; as well as those documents which were required to be submitted in response to the Request for Proposals (RFP) used in the solicitation process for this Contract, become the exclusive property of the County. All such documents become a matter of public record and shall be regarded as public records. Exceptions will be those elements in the California Government Code Section 6250 et seq. (Public Records Act) and which are marked "trade secret," "confidential," or "proprietary." The County shall not in any way be liable or responsible for the disclosure of any such records including, without limitation, those so marked, if disclosure is required by law, or by an order issued by a court of competent jurisdiction.
- b. In the event the County is required to defend an action on a Public Records Act request for any of the aforementioned documents, information, books, records, and/or contents of a proposal marked "trade secret," "confidential," or "proprietary," the Consultant agrees to defend and indemnify the County from all

costs and expenses, including reasonable attorney's fees, in action or liability arising under the Public Records Act.

45. Publicity

- a. The Consultant shall not disclose any details in connection with this Contract to any person or entity except as may be otherwise provided hereunder or required by law. However, in recognizing the Consultant's need to identify its services and related clients to sustain itself, the County shall not inhibit the Consultant from publishing its role under this Contract within the following conditions:
 - i. The Consultant shall develop all publicity material in a professional manner; and
 - ii. During the term of this Contract, the Consultant shall not, and shall not authorize another to, publish or disseminate any commercial advertisements, press releases, feature articles, or other materials using the name of the County without the prior written consent of the County's Project Director. The County shall not unreasonably withhold written consent.
- b. The Consultant may, without the prior written consent of County, indicate in its proposals and sales materials that it has been awarded this Contract with the County of Los Angeles, provided that the requirements of this Paragraph shall apply.

46. Record Retention and Inspection/Audit Settlement

The Consultant shall maintain accurate and complete financial records of its activities and operations relating to this Contract in accordance with generally accepted accounting principles. The Consultant shall also maintain accurate and complete employment and other records relating to its performance of this Contract. The Consultant agrees that the County, or its authorized representatives, shall have access to and the right to examine, audit, excerpt, copy, or transcribe any pertinent transaction, activity, or record relating to this Contract. All such material, including, but not limited to, all financial records, bank statements, cancelled checks or other proof of payment, timecards, sign-in/sign-out sheets and other time and employment records, and proprietary data and information, shall be kept and maintained by the Consultant and shall be made available to the County during the term of this Contract and for a period of five (5) years thereafter unless the County's written permission is given to dispose of any such material prior to such time. All such material shall be maintained by the Consultant at a location in Los Angeles County, provided that if any such material is located outside Los Angeles County, then, at the County's option, the Consultant shall pay the County for travel, per diem, and other costs incurred by the County to examine, audit, excerpt, copy, or transcribe such material at such other location.

- a. In the event that an audit of the Consultant is conducted specifically regarding this Contract by any Federal or State auditor, or by any auditor or accountant employed by the Consultant or otherwise, then the Consultant shall file a copy of

such audit report with the County's Auditor-Controller within thirty (30) days of the Consultant's receipt thereof, unless otherwise provided by applicable Federal or State law or under this Contract. Subject to applicable law, the County shall make a reasonable effort to maintain the confidentiality of such audit report(s).

- b. Failure on the part of the Consultant to comply with any of the provisions of this Paragraph shall constitute a material breach of this Contract upon which the County may terminate or suspend this Contract.
- c. If, at any time during the term of this Contract or within five (5) years after the expiration or termination of this Contract, representatives of the County conduct an audit of the Consultant regarding the work performed under this Contract, and if such audit finds that the County's dollar liability for any such work is less than payments made by the County to the Consultant, then the difference shall be either: a) repaid by the Consultant to the County by cash payment upon demand or b) at the sole option of the County's Auditor-Controller, deducted from any amounts due to the Consultant from the County, whether under this Contract or otherwise. If such audit finds that the County's dollar liability for such work is more than the payments made by the County to the Consultant, then the difference shall be paid to the Consultant by the County by cash payment, provided that in no event shall the County's maximum obligation for this Contract exceed the funds appropriated by the County for the purpose of this Contract.

47. Recycled Bond Paper

Consistent with the Board of Supervisors' policy to reduce the amount of solid waste deposited at the County landfills, the Consultant agrees to use recycled-content paper to the maximum extent possible on this Contract.

48. Subcontracting

- a. The requirements of this Contract may not be subcontracted by the Consultant without the advance approval of the County. Subconsultants listed in the Consultant's Proposals are approved by County, unless otherwise indicated by County. Any attempt by the Consultant to subcontract without the prior consent of the County may be deemed a material breach of this Contract.
- b. If the Consultant desires to subcontract, the Consultant shall provide the following information promptly at the County's request.
 - A description of the work to be performed by the Subconsultant;
 - A draft copy of the proposed subcontract; and
 - Other pertinent information and/or certifications requested by the County.

- c. The Consultant shall indemnify and hold the County harmless with respect to the activities of each and every Subconsultant in the same manner and to the same degree as if such Subconsultant(s) were the Consultant employees.
- d. The County does not have contractual privity with the subconsultant. The Consultant shall remain fully responsible for all performances required of it under this Contract, including those that the Consultant has determined to subcontract. Consultant shall remain fully responsible for services rendered by any subconsultant pursuant to a subcontract between the Consultant and subconsultant.
- e. The Consultant shall be solely liable and responsible for all payments or other compensation to all Subconsultants and their officers, employees, agents, and successors in interest arising through services performed hereunder, notwithstanding the County's consent to subcontract.
- f. The Consultant shall obtain certificates of insurance, which establish that the Subconsultant maintains all the programs of insurance required by the County from each approved Subconsultant. The Consultant shall ensure delivery of all such documents to:

Department of Public Works
 Contracts and Business Affairs Division
 Contracts and Operations, 8th Floor
 900 South Fremont Avenue
 Alhambra, CA 91803
 (626) 300-2325

before any Subconsultant employee may perform any work hereunder.

49. Supplemental/Amendment

- a. For any change which affects the scope of work, Term, Contract Sum, payments, or any term or condition included under this Contract, a Supplement or an Amendment shall be prepared and executed by the Consultant and by Director.
- b. The County's Board of Supervisors or Chief Executive Officer or designee may require the addition and/or change of certain terms and conditions in the Contract during the term of this Contract. The County reserves the right to add and/or change such provisions as required by the County's Board of Supervisors or Chief Executive Officer. To implement such changes, a Supplement or an Amendment to the Contract shall be prepared and executed by the Consultant and by the Director.
- c. The County, at its sole discretion, may authorize extensions of time as defined in Paragraph 7, Term. The Consultant agrees that such extensions of time shall not change any other term or condition of this Contract during the period of such extensions. To implement an extension of time, a Notice to the Consultant will be

prepared by County unless the term extension is applied automatically in accordance with Paragraph 7.c.

50. Termination for Breach of Warranty to Maintain Compliance with County's Child Support Compliance Program

Failure of the Contractor to maintain compliance with the requirements set forth in Contractor's Warranty of Adherence to County's Child Support Compliance Program Paragraph, shall constitute default under this Contract. Without limiting the rights and remedies available to the County under any other provision of this Contract, failure of the Contractor to cure such default within ninety (90) calendar days of written notice shall be grounds upon which the County may terminate this Contract pursuant to Termination for Default and pursue debarment of the Contractor, pursuant to County Code Chapter 2.202.

51. Termination for Breach of Warranty to Maintain Compliance with County's Defaulted Property Tax Reduction Program.

Failure of Contractor to maintain compliance with the requirements set forth in "Contractor's Warranty of Compliance with County's Defaulted Property Tax Reduction Program" shall constitute default under this contract. Without limiting the rights and remedies available to County under any other provision of this contract, failure of Contractor to cure such default within 10 days of notice shall be grounds upon which County may terminate this contract and/or pursue debarment of Contractor, pursuant to County Code Chapter 2.206.

52. Termination for Convenience

- a. This Contract may be terminated, in whole or in part, when such action is deemed by the County, in its sole discretion, to be in its best interest. Termination of work hereunder shall be effected by notice of termination to the Consultant specifying the extent to which performance of work is terminated and the date upon which such termination becomes effective. The date upon which such termination becomes effective shall be no less than three (3) days after the notice is sent.
- b. After receipt of a notice of termination and except as otherwise directed by the County, the Consultant shall 1) stop work under this Contract on the date and to the extent specified in such notice, and 2) complete performance of such part of the work as shall not have been terminated by such notice.
- c. All material including books, records, documents, or other evidence bearing on the costs and expenses of the Consultant under this Contract shall be maintained by the Consultant in accordance with Record Retention and Inspection/Audit Settlement Paragraph.
- d. County shall not incur any liability to Consultant, other than payment for work already performed, up to the date of termination.

53. Termination for Default

- a. The County may, by written notice to the Consultant, terminate the whole or any part of this Contract, if, in the judgment of County's Project Director:
 - Consultant has materially breached this Contract; or
 - Consultant fails to timely provide and/or satisfactorily perform any task, deliverable, service, or other work required either under this Contract; or
 - Consultant fails to demonstrate a high probability of timely fulfillment of performance requirements under this Contract, or of any obligations of this Contract and in either case, fails to demonstrate convincing progress toward a cure within five (5) working days (or such longer period as the County may authorize in writing) after receipt of written notice from the County specifying such failure.
- b. In the event that the County terminates this Contract in whole or in part as provided in this Paragraph, the County may procure, upon such terms and in such manner as the County may deem appropriate, goods and services similar to those so terminated. The Consultant shall be liable to the County for any and all excess costs incurred by the County, as determined by the County, for such similar goods and services. The Consultant shall continue the performance of this Contract to the extent not terminated under the provisions of this subparagraph.
- c. Except with respect to defaults of any Subconsultant, the Consultant shall not be liable for any such excess costs of the type identified in above subparagraph if its failure to perform this Contract arises out of causes beyond the control and without the fault or negligence of the Consultant. Such causes may include, but are not limited to: acts of God or of the public enemy, acts of the County in either its sovereign or contractual capacity, acts of Federal or State governments in their sovereign capacities, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather; but in every case, the failure to perform must be beyond the control and without the fault or negligence of the Consultant. If the failure to perform is caused by the default of a Subconsultant, and if such default arises out of causes beyond the control of both the Consultant and Subconsultant, and without the fault or negligence of either of them, the Consultant shall not be liable for any such excess costs for failure to perform, unless the goods or services to be furnished by the Subconsultant were obtainable from other sources in sufficient time to permit the Consultant to meet the required performance schedule. As used in this Paragraph, the term "Subconsultant(s)" means Subconsultant(s) at any tier.
- d. If, after the County has given notice of termination under the provisions of this Paragraph, it is determined by the County that the Consultant was not in default under the provisions of this Paragraph, or that the default was excusable under the provisions of Paragraph, the rights and obligations of the parties shall be the same as if the notice of termination had been issued pursuant to Termination for

Convenience Paragraph.

- e. The rights and remedies of the County provided in this Paragraph shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Contract.

54. Termination for Improper Consideration

County may, by written notice to Consultant, immediately terminate the right of Consultant to proceed under this Agreement if it is found that consideration, in any form, was offered or given by Consultant, either directly or through an intermediary, to any County officer, employee, or agent with the intent of securing the Agreement or securing favorable treatment with respect to the award, amendment, or extension of the Agreement or the making of any determinations with respect to Consultant's performance pursuant to the agreement. In the event of such termination, County shall be entitled to pursue the same remedies against Consultant as it could pursue in the event of default by Consultant.

Consultant shall immediately report any attempt by a County officer or employee to solicit such improper consideration. The report shall be made either to County manager charged with the supervision of the employee or to County Auditor-Controller's Employee Fraud Hotline at (213) 974-0914 or (800) 544-6861.

Among other items, such improper consideration may take the form of cash, discounts, service, the provision of travel or entertainment, or tangible gifts.

55. Termination for Insolvency

- a. The County may terminate this Contract forthwith in the event of the occurrence of any of the following: 1) Insolvency of the Consultant. The Consultant shall be deemed to be insolvent if it has ceased to pay its debts for at least sixty (60) days in the ordinary course of business or cannot pay its debts as they become due, whether or not a petition has been filed under the Federal Bankruptcy Code and whether or not the Consultant is insolvent within the meaning of the Federal Bankruptcy Code; 2) The filing of a voluntary or involuntary petition regarding the Consultant under the Federal Bankruptcy Code; 3) The appointment of a Receiver or Trustee for the Consultant; or 4) The execution by the Consultant of a general assignment for the benefit of creditors.
- b. The rights and remedies of the County provided in this Paragraph shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Contract.

56. Termination for Non-Adherence of County Lobbyist Ordinance

The Contractor, and each County Lobbyist or County Lobbying firm as defined in County Code Section 2.160.010 retained by the Contractor, shall fully comply with the County's Lobbyist Ordinance, County Code Chapter 2.160. Failure on the part of the Contractor or any County Lobbyist or County Lobbying firm retained by the Contractor to fully comply with the County's Lobbyist Ordinance shall constitute a material breach of this Contract, upon which the County may in its sole discretion, immediately terminate or suspend this Contract.

57. Termination For Non-Appropriation of Funds

Notwithstanding any other provision of this Contract, the County shall not be obligated for the Consultant's performance hereunder or by any provision of this Contract during any of the County's future fiscal years unless and until the County's Board of Supervisors appropriates funds for this Contract in the County's Budget for each such future fiscal year. In the event that funds are not appropriated for this Contract, then this Contract shall terminate as of June 30 of the last fiscal year for which funds were appropriated. The County shall notify the Consultant in writing of any such non-allocation of funds at the earliest possible date.

58. Time Off for Voting

The Consultant shall notify its employees, and shall require each subconsultant to notify and provide to its employees, information regarding the time off for voting law (Elections Code Section 14000). Not less than 10 days before every statewide election, every Consultant and subconsultants shall keep posted conspicuously at the place of work, if practicable, or elsewhere where it can be seen as employees come or go to their place of work, a notice setting forth the provisions of Section 14000.

59. Warranty of Compliance with County's Defaulted Property Tax Reduction Program

Contractor acknowledges that County has established a goal of ensuring that all individuals and businesses that benefit financially from County through contract are current in paying their property tax obligations (secured and unsecured roll) in order to mitigate the economic burden otherwise imposed upon County and its taxpayers.

Unless Contractor qualifies for an exemption or exclusion, Contractor warrants and certifies that to the best of its knowledge it is now in compliance, and during the term of this contract will maintain compliance, with Los Angeles County Code Chapter. 2.206.

60. Validity

If any provision of this Contract or the application thereof to any person or circumstance is held invalid, the remainder of this Contract and the application of such provision to other persons or circumstances shall not be affected thereby.

61. Waiver

No waiver by the County of any breach of any provision of this Contract shall constitute a waiver of any other breach or of such provision. Failure of the County to enforce at any time, or from time to time, any provision of this Contract shall not be construed as a waiver thereof. The rights and remedies set forth in this Paragraph shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Contract.

62. Warranty Against Contingent Fees

- a. The Contractor warrants that no person or selling agency has been employed or retained to solicit or secure this Contract upon any Contract or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by the Contractor for the purpose of securing business.
- b. For breach of this warranty, the County shall have the right to terminate this Contract and, at its sole discretion, deduct from the Contract price or consideration, or otherwise recover, the full amount of such commission, percentage, brokerage, or contingent fee.

63. Prevailing Wage Requirements

This work includes prevailing wage and non-prevailing wage work.

a. Prevailing Wages

When applicable, the services provided in this Contract constitute "public works" as defined in California Labor Code 1720, and are therefore subject to payment of prevailing wages, compliance monitoring and enforcement by the Department of Industrial Relations (DIR).

The Director of the DIR has established the general prevailing rate of per diem wages for each craft, classification, type of worker, or mechanic needed to execute public works and improvements. The current general prevailing wage rate determinations are available at www.dir.ca.gov/dlsr/pwd/index.htm. The Contractor is required to pay its agents and employees the applicable, current prevailing wage rate and is responsible for selecting the classification of workers required to perform this service.

The Contractor agrees to comply with the provisions of Section 1775 of the California Labor Code relating to the payment of prevailing wages, the utilization of apprentices in accordance to LC 1777.5, and the assessment of penalties determined by the California Labor Commissioner. Pursuant to Section 1773.2 of the California Labor Code, copies of the prevailing rate of per diem wages are on file at the County Department of Public Works, Construction Division, and will be

made available for inspection by request to the Contract Administrator. Future effective wage rates will be on file with the Department of Industrial Relations. The new wage rates shall become effective on the day following the expiration date of the current determinations and apply to the Contract in the same manner as if they had been included or referenced in the Contract.

b. Work Records

The Contractor shall comply with the requirements of Section 1812 of the Labor Code. The Contractor shall maintain an accurate written record of all employees working on the project each calendar day. The record shall include each employee's name, Social Security number, job classification, and the actual number of hours worked.

c. Posting of Notices

The Contractor shall comply with the provisions of Section 1773.2 of the Labor Code. The Contractor shall post a copy of the prevailing wage rates at the worksite and comply with applicable law including posting of jobsite notices required by 8 California Code Reg. §16451(d):

"This public works project is subject to monitoring and investigative activities by the Compliance Monitoring Unit (CMU) of the Division of Labor Standards Enforcement, Department of Industrial Relations, State of California. This Notice is intended to provide information to all workers employed in the execution of the Contract for public work and to all contractors and other persons having access to the jobsite to enable the CMU to ensure compliance with and enforcement of prevailing wage laws on public works projects.

The prevailing wage laws require that all workers be paid at least the minimum hourly wage as determined by the Director of Industrial Relations for the specific classification (or type of work) performed by workers on the project. These rates are listed on a separate jobsite posting of minimum prevailing rates required to be maintained by the public entity, which awarded the public works Contract. Complaints concerning nonpayment of the required minimum wage rates to workers on this project may be filed with the CMU at any office of the Division of Labor Standards Enforcement (DLSE).

Local Office Telephone Number:

*Division of Labor Standards Enforcement Office
320 West Fourth Street, Suite 450
Los Angeles, CA 90013
(213) 620-6330*

Complaints should be filed in writing immediately upon discovery of any violations of the prevailing wage laws due to the short period of time following the

completion of the project that the CMU may take legal action against those responsible.

Complaints should contain details about the violations alleged (for example, wrong rate paid, not all hours paid, overtime rate not paid for hours worked in excess of 8 hours per day or 40 hours per week, etc.) as well as the name of the employer, the public entity which awarded the public works Contract, and the location and name of the project.

For general information concerning the prevailing wage laws and how to file a complaint concerning any violation of these prevailing wage laws, you may contact any DLSE office. Complaint forms are also available at the Department of Industrial Relations website found at <http://www.dir.ca.gov/Public-Works/PublicWorks.html>."

d. Certified Payroll Records

The Contractor shall comply with the requirements of Section 1776 of the Labor Code. Contractor and Subcontractors, if any, must furnish certified payroll records directly to the Labor Commissioner (aka Division of Labor Standards Enforcement) in a format prescribed by the Labor Commissioner.

- e. When requested by the County, electronic certified payroll records must be submitted to the County, through an online system designated by the County.

64. Mental Health Services for Critical Incidents

In the event of a serious accident on the Project site, the Los Angeles County Department of Mental Health (DMH) will, if requested, respond. The response may be within a few hours or as long as a few days after the incident, depending on when the request was made. The services DMH will provide include crisis intervention, normalization of the stress response that survivors may be experiencing, stress management techniques and resources if the stress reactions increase in frequency or intensity. Requests for services may be made by calling the DMH Emergency Outreach Bureau Deputy Director, (213) 738-4924, during normal business hours or the ACCESS Center, (800) 854-7771, evenings, holidays, and weekends.

65. Local Small Business Enterprise Utilization: When requested by the County, the Consultant shall provide to the County via methods specified by the County, such as submission of electronic live (or dynamic) data on invoices for the prime and all subcontractors using County-designated third party software system or to a County approved website, or other means of submitting expenditure information on subconsultants, including but not limited to the following information: the name, business address and telephone number/email address of each subconsultant.

In addition, the Consultant shall be required to provide each of the specified subconsultant's Local Small Business Enterprise (SBE), Disabled Veterans Enterprise

(DBVE), and Social Enterprise status (i.e., whether any of the listed subcontractors are Local SBE's) and the proposed monetary amount of the work the subconsultant will perform on each Notice to Proceed. At the time of submittal of each invoice, the consultant shall indicate, via methods specified by the County, the actual dollar amounts paid to each listed subconsultant who performed work on the project. The subconsultant may be requested to confirm receipt of the actual payment to the subconsultant by the prime.

The parties agree that it will be impracticable or extremely difficult to fix the extent of actual damages resulting from the failure to the Contractor to comply with this Article. The parties will agree that under the current circumstances a reasonable estimate of such damages is specified in this Consultant Services Agreement, Paragraph 32, Liquidated Damages, and that the Consultant shall be liable to the County for said amount.

If in the judgment of the Director, or his/her designee, the Consultant is deemed to be in non-compliance with the terms and obligations, the Director or his/her designee, at his/her option, in addition to, or in lieu of, other remedies provided in the Consultant Services Agreement, may deduct and withhold liquidated damages from County's final payment to the Consultant.

66. Compliance with County's Zero Tolerance Human Trafficking

Consultant acknowledges that the County has established a Zero Tolerance Human Trafficking Policy prohibiting consultants from engaging in human trafficking.

If a Consultant or member of Consultant's staff is convicted of a human trafficking offense, the County shall require that the Consultant or member of Consultant's staff be removed immediately from performing services under the Contract. County will not be under any obligation to disclose confidential information regarding the offenses other than those required by law.

Disqualification of any member of Consultant's staff pursuant to this paragraph shall not relieve Consultant of its obligation to complete all work in accordance with the terms and conditions of this Contract.

67. Entire Agreement

This Contract constitutes the entire Agreement between County and Consultant and may be modified only by further written Agreement between the parties hereto.

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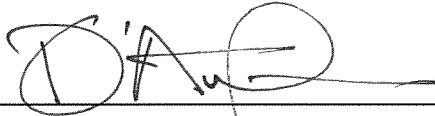
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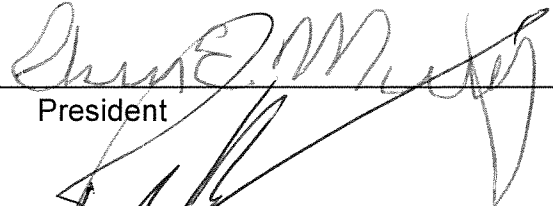

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IN WITNESS WHEREOF, the County has, by order of its Board of Supervisors, caused these presents to be subscribed by the Director of the Department of Public Works, and the Consultant has hereunto subscribed its corporate name and affixed its corporate seal by its duly authorized officers the day, month, and year herein first above written.

COUNTY OF LOS ANGELES


AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE, INC.

By 
Deputy Director
Department of Public Works

By 
President
By 
Secretary

APPROVED AS TO FORM:

MARY C. WICKHAM
County Counsel

By 
Deputy County Counsel



ACKNOWLEDGMENT

GEORGIA
State of ~~California~~
County of FULTON

On 11-10-16 before me, Sarah J. Smith Notary
(insert name and title of the officer)

personally appeared ANN E. Massey President,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

Signature 

(Seal)

SARAH J SMITH
NOTARY PUBLIC
FULTON COUNTY
STATE OF GEORGIA
MY COMM. EXPIRES JANUARY 5, 2018

ACKNOWLEDGMENT

GEORGIA

State of ~~California~~

County of FULTON

On 11-10-16 before me, Sarah J. Smith Notary
(insert name and title of the officer)

personally appeared Bradley J. Knight Secretary,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

Signature 

(Seal)

SARAH J SMITH
NOTARY PUBLIC
FULTON COUNTY
STATE OF GEORGIA
MY COMM. EXPIRES JANUARY 5, 2018

November 1, 2016

ATTACHMENT 1
**AS-NEEDED ENVIRONMENTAL ASSESSMENT, REMEDIATION,
AND COMPLIANCE SERVICES**
AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE, INC.

The services to be rendered by the Consultant shall include all services and provisions as described in the County's Request for Proposals dated November 24, 2015, all Notice to Proposers, and the Consultant's proposal dated January 12, 2016, except to the extent they are inconsistent with this attachment and the terms of this Agreement. Consultant's work shall consist of all such services as are customarily rendered when providing as-needed environmental assessment, remediation, and compliance services. The work shall include, but not be limited to, the following:

SCOPE OF SERVICES

1. Conduct Phase I Environmental Site Assessments (ESAs) and prepare reports presenting the findings, conclusions, and recommendations resulting from the assessments. Phase I ESAs and reports shall be compliant with current USEPA (including All Appropriate Inquiries: 40 CFR Part 312, November 1, 2005), ASTM (including E 1527-05 and E1527-13) standards, and ASTM E-2600-10 Vapor Encroachment Screening Standards or equivalent, as well as with other applicable standards and local, State, and Federal guidelines, and the County of Los Angeles Department of Public Works (Public Works) specifications.
2. Prepare Initial Studies (ISs), Environmental Impact Reports (EIRs) and Environmental Impact Statements (EISs), in compliance with the California Environmental Quality Act, and the National Environmental Policy Act, as well as in compliance with other applicable local, State, and Federal guidelines and standards, and Public Works specifications.
3. Conduct Preliminary Endangerment Assessments (PEAs) and prepare reports presenting the findings, conclusions, and recommendations resulting from the assessments. PEAs shall be compliant with DTSC and any other applicable standards; local, State, and Federal guidelines; and Public Works Specifications. Public Works may require Consultant's American Board of Industrial Hygiene Certified Industrial Hygienist (CIH) and/or Diplomate of the American Board of Toxicology (DABT) to prepare and sign PEAs.
4. Conduct Phase II ESAs and prepare reports presenting the findings, conclusions, and recommendations resulting from the assessments. Phase II ESAs, underground storage tank (UST) release investigations, work plans, groundwater

monitoring reports, consultant's Health and Safety Plan (HSPs), and all related reports shall be compliant with current USEPA, CFR, and ASTM guidelines and standards. Phase II ESAs, reports, and plans shall also fulfill the requirements and guidelines of applicable local, State, and Federal regulators, as well as any Public Works specifications. Public Works may require consultant's HSPs to be signed by the Consultant's CIH.

5. Conduct Risk Assessment Analyses (RAAs)/Health Risk Assessments (HRAs) and prepare reports presenting the findings, conclusions, and recommendations resulting from the analyses. The RAAs/HRAs shall be compliant with USEPA and any other applicable local, State, and Federal guidelines and regulations, and Public Works specifications. Public Works may require Consultant's CIH and/or DABT to prepare and sign the RAAs/HRAs.
6. Conduct Phase III environmental site remedial activities and prepare reports presenting the findings, conclusions, and recommendations resulting from the remedial activities. Remediation reports, as well as UST removal and closure reports, remedial action plans, pilot test reports, technical reports, consultant HSPs, and site closure reports, shall be compliant with USEPA, CFR, and ASTM guidelines and standards and fulfill the requirements and follow the guidelines of applicable local, State, and Federal regulators, as well as any Public Works specifications. Consultant HSPs shall be approved and signed by Consultant's CIH. Remedial excavation designs may require approvals from a California Professional Civil Engineer and Certified compaction reports may be required for backfilling of remedial excavations.
7. Collect, analyze, characterize, and profile soil, groundwater, and other substance and material samples in accordance with ASTM and USEPA standards and local, State, and Federal guidelines. Sampling and analytical testing procedures shall follow proper Chain-of-Custody protocols and satisfy Public Works and contract laboratory requirements. All Consultant contract laboratories shall be State-certified Environmental Laboratories and shall be pre-approved by Public Works.
8. Public Works will review and approve the waste transporter provider, waste disposal method, waste disposal contractor, and the waste disposal facility proposed by the Consultant for processing hazardous and non-hazardous soil, water, free-product, and other waste materials generated from environmental and construction projects. Public Works may dictate that the Consultant use a specific waste disposal transporter, waste disposal method, and/or waste disposal contractor/facility. Public Works will generally require that all soil, water, free-product, and other wastes be recycled/treated and not landfilled, unless the waste composition/contamination precludes recycling/treatment. All hazardous/non-hazardous waste manifests are only to be signed by authorized Public Works personnel.

9. Prepare HSPs for Public Works personnel working on Public Works projects. HSPs shall be approved and signed by the Consultant's CIH. HSPs shall be compliant with OSHA requirements set forth in 29 CFR 1910, as well as any other applicable local, State, or Federal requirements. Public Works may supply a draft HSP that is to be reviewed, modified, and signed by the Consultant's CIH.
10. Prepare, submit, and process applications, reports, and other documents as required to obtain permits related to environmental projects or associated construction projects. These permits may include, but are not limited to, NPDES, AQMD, WDR, UST, encroachment, access, temporary construction, drilling, excavation, utility, and well construction/destruction permits. Permits may require the Consultant to perform monthly and final regulatory submittals, regulatory notifications, record keeping, and other procedures. The Consultant may also be required to perform Dig Alert (Underground Service Alert) demarcations and notifications.
11. Provide air monitoring and record keeping as required by AQMD Rule 1166, and as requested by Public Works specifications.
12. Conduct comprehensive hazardous building materials property-condition surveys of County facilities and other facilities that interest the County where renovation or demolition activities may take place. For these facilities, develop comprehensive hazardous-materials abatement plans that establish requirements and provide scopes of work for performing the abatements, and provide estimated quantities of hazardous materials, abatement cost estimates, and recommendations for managing abatement wastes. The survey shall be managed by appropriately experienced, certified and/or licensed professionals. Substances that may be tested by the consultant's State-certified Analytical Laboratory may include, but are not limited to, asbestos-containing materials, lead-based paint, PCB-containing light ballasts, florescent light tubes, tritium-based exit signs, mercury-based thermometers, and mold.
13. Provide services for abating asbestos-containing materials, lead-based paint, PCB-containing light ballasts, florescent light tubes, tritium-based exit signs, mercury-based thermometers, mold, and other hazardous building materials and related substances from County facilities. Services must be performed in accordance with a hazardous materials abatement plan, using qualified personnel employed by a licensed contractor, possessing all necessary licenses and permits, and providing all required regulatory notifications.
14. Provide services for County-owned fueling stations with either aboveground or underground fuel storage tanks, or both, at various Los Angeles County facilities. Services may include performing fuel system inspections, repairs, maintenance, and upgrades; performing tank integrity testing; preparing and submitting permit

applications and design drawings; preparing business plans; expediting permit issuances; responding to and correcting Notice of Violations (NOVs); and obtaining and uploading required information into the California Environmental Reporting System (CERS).

15. Process and submit reimbursement packages to the State of California Underground Storage Tank Cleanup Fund, including Geotracker data uploading.
16. Conduct hydrogeologic and hydrologic investigations that include percolation and infiltration rate tests, aquifer tests (including aquifer capacity tests, pump tests, and slug tests), and other appropriate analyses and testing. Design and assemble dewatering systems based upon the NPDES permit either acquired by Public Works or Consultant. Perform well and piezometer installations, rehabilitations, abandonments (including oil wells), and assessments.
17. Perform geophysical surveys for utility clearance, identifying natural geologic structures, and locating manmade items, such as buried drums, pipelines, and storage tanks. Perform electric well logging and borehole geophysics. Geophysical survey reports are to provide interpretations of subsurface conditions by utilizing colored cross-sections, 3-dimensional figures, and/or contour maps. A State of California Professional Geophysicist shall supervise all geophysical survey work and sign all reports and technical documentation.
18. Perform agronomic studies for identifying soil conditions necessary for proper special-purpose plant production or for soil conditions that are not conducive to specific plant growth.
19. Perform biological assessments to evaluate the conditions of waterbodies using surveys and other direct measurements of resident biological organisms (macroinvertebrates, fish, and plants). Perform preliminary jurisdictional assessments and delineations, such as for identifying established wetlands. Perform general habitat assessments. Provide resource agency permit processing and coordination with entities such as the California Department of Fish and Wildlife, U.S. Fish and Wildlife Service, U.S. Army Corps of Engineers, California Regional Water Quality Control Board, and the California Coastal Commission.
20. Provide consultation, advice, alternatives, and recommendations to Public Works regarding any environmental-, health-, or compliance-related concerns.
21. Provide project management and oversight of primary contract-hired or Public Works-hired contractors and subcontractors with regard to environmental, health, or compliance related activities.

22. Public Works reserves the right to utilize both in-house and Public Works-contracted drilling crews, construction crews, surveyors, and environmental laboratories outside of the Consultant's contract in conjunction with the requested Scope of Services.
23. Investigations, assessments, remedial actions, and related activities must be conducted by or under the direct supervision of the Consultant's State of California Professional Geologist. For projects involving hazardous building material assessments, toxicological or biological/agronomical studies, health and safety/industrial hygiene-related issues, or other related matters, supervision and document signatures should be performed by the respective, appropriately trained/certified, and experienced professionals. Reports, work plans, drawings, boring logs, collected data, and related documentation produced for Public Works projects must be approved and signed by the Consultant's State of California Professional Geologist. In some instances, Public Works may require the involvement and/or signature of a State of California Certified Engineering Geologist, State of California Certified Hydrogeologist, State of California Professional Geophysicist, State of California Professional Civil Engineer, State of California Professional Geotechnical Engineer, CIH, or DABT.
24. Consultant's State of California Professional Geologist, and other staff, will meet with Public Works staff to discuss the scope of work and cost estimates, may attend pre-construction and ongoing construction meetings, may attend health and safety meetings, may provide project progress reports, and provide information on other subjects related to projects, as frequently as Public Works deems necessary. At Public Works' request, Consultant's Professional Geologist, and other staff, may represent or assist Public Works in meetings with regulatory agencies, other agencies and districts, and with private and public organizations and groups.
25. Provide four full-colored hard copies and one full-colored electronic copy (in pdf format) of all project reports, HSPs, permit documents, data sets, analyses, work plans, and any other specified work products, to the Public Works project manager. The type and number of deliverables may be modified by Public Works on an individual project basis.

It is not expected that Consultant will be able to perform all of the services listed above. However, specialization in a majority of these services utilizing full-time, in-house licensed and/or certified professionals is required to meet Public Works' needs.

DELIVERABLES

Deliverables will vary and will be determined by Public Works for each project.

SCHEDULE

The term of this Agreement shall be for a period of one year commencing on the date of the full execution of the contract. At the sole discretion of the County, this Agreement may be extended for four additional one-year terms, not to exceed a total contract period of five years. No work will proceed until a Notice to Proceed is issued by the County.

If the County authorizes the Consultant in writing to perform services on a given project prior to the stated expiration date, but thereafter such services are not completed by the stated expiration date, then the expiration of the Agreement shall be automatically extended solely to allow for the completion of such services. County may authorize unforeseen additional services and extend the contract expiration date as necessary to complete those services when the unforeseen additional services are directly related to the initial scope of work and are necessary for the completion of a given project.

The consultant will be issued a Notice to Proceed by Public Works prior to the commencement of services for each particular project. The Consultant shall provide a schedule within five working days after the issue date of the project Notice to Proceed, or as directed by Public Works, indicating the start and completion dates of the anticipated work. Public Works may dictate the starting and completion dates for the project assigned to the Consultant.

Work shall be performed on an as-needed basis. Specified services shall be available on an as-needed basis.

COMPENSATION

Compensation will be negotiated for each particular project. Compensation for services shall be based on the percentage of tasks completed. In instances when project requirements extend beyond the original project-specific Scope of Work, any additional work shall be negotiated between Public Works and the Consultant prior to Public Works issuing a supplemental Notice to Proceed.

Public Works reserves the right to delete specific portions of any project-specific Scope of Work after the Notice to Proceed has been issued or to add tasks beyond the additional Scope of Work, which will require negotiation between Public Works and the Consultant for compensation.

Public Works will not pay a mark-up on hourly rates for the services of any subconsultants that were included in Consultant's original proposal. Public Works will not pay a mark-up on hourly rates for the services of any Consultant employee or

subconsultant that were included in Consultant's original proposal if the selected employee or subconsultant is no longer available at the time of selection to provide services during the duration of the Contract.

Consultant must have prior written permission from Public Works to use any subconsultants not included in Consultant's original proposal.

Public Works will not pay a mark-up on the reproduction of any reports, documents, plans, or any other specified work products generated from the services listed in the Scope of Services. Public Works will not pay a mark-up on any paid fees, such as permit fees, paid by the Consultant. Consultant shall not mark-up on material cost unless pre-approved by the County in writing.

The Consultant shall submit monthly invoices to Public Works for review and approval. Invoices shall conform to Public Works' Invoicing Instructions and shall not be submitted more than once per month per project. Each invoice shall provide copies of all supporting documentation, including but not limited to, time sheets, subconsultant invoices (including subconsultant's supporting documentation), permit payments, and purchase orders. Any mark-ups on subconsultant work shall be clearly stated. **Consultant and its subconsultant/subcontractor's mileage charges are not reimbursable, unless pre-approved by the County in writing.**

Along with the monthly invoice, the Consultant shall also submit the following documents on a monthly schedule: 1) an individual Invoice Summary for each project that lists all invoices and itemizes all charges to date; and 2) a combined Invoice Summary for all projects (ongoing and completed) that lists all invoices and itemizes all charges to date.

Consultant shall be paid on an hourly basis according to the job title and hourly rate of each employee performing the work as set forth in the Consultant's Schedule of Fees (ATTACHMENT 3).

Any related-work requested but not listed in the Schedule of Fees shall be negotiated by the County and the Consultant and may include an additional charge of up to 10%, at the sole discretion of the County only if pre-approved by the County.

INDEMNIFICATION AND INSURANCE PROVISION

I. INDEMNIFICATION

The Contractor shall indemnify, defend and hold harmless the County, its Special Districts, elected and appointed officers, employees, agents and volunteers ("County Indemnitees") from and against any and all liability, including but not limited to demands, claims, actions, fees, costs and expenses (including attorney and expert witness fees), arising from and/or relating to this Contract, except for such loss or damage arising from the sole negligence or willful misconduct of the County Indemnitees.

II. GENERAL PROVISIONS FOR ALL INSURANCE COVERAGE

Without limiting Contractor's indemnification of County, and in the performance of this Contract and until all of its obligations pursuant to this Contract have been met, Contractor shall provide and maintain at its own expense insurance coverage satisfying the requirements specified in paragraphs II and III of this Attachment. These minimum insurance coverage terms, types and limits (the "Required Insurance") also are in addition to and separate from any other contractual obligation imposed upon Contractor pursuant to this Contract. The County in no way warrants that the Required Insurance is sufficient to protect the Contractor for liabilities which may arise from or relate to this Contract.

A. Evidence of Coverage and Notice to County

- Certificate(s) of insurance coverage (Certificate) satisfactory to County, and a copy of an Additional Insured endorsement confirming County and its Agents (defined below) has been given Insured status under the Contractor's General Liability policy, shall be delivered to County at the address shown below and provided prior to commencing services under this Contract.
- Renewal Certificates shall be provided to County not less than 10 days prior to Contractor's policy expiration dates. The County reserves the right to obtain complete, certified copies of any required Contractor and/or Sub-Contractor insurance policies at any time.
- Certificates shall identify all Required Insurance coverage types and limits specified herein, reference this Contract by name or number, and be signed by an authorized representative of the insurer(s). The Insured party named on the Certificate shall match the name of the Contractor identified as the contracting party in this Contract. Certificates shall provide the full name of each insurer providing coverage, its NAIC (National Association of Insurance Commissioners) identification number, its financial rating, the amounts of any policy deductibles or

self-insured retentions exceeding fifty thousand (\$50,000.00) dollars, and list any County required endorsement forms.

- Neither the County's failure to obtain, nor the County's receipt of, or failure to object to a non-complying insurance certificate or endorsement, or any other insurance documentation or information provided by the Contractor, its insurance broker(s) and/or insurer(s), shall be construed as a waiver of any of the Required Insurance provisions.

Certificates and copies of any required endorsements shall be emailed to the Contract Administrator.

Contractor also shall promptly report to County any injury or property damage accident or incident, including any injury to a Contractor employee occurring on County property, and any loss, disappearance, destruction, misuse, or theft of County property, monies or securities entrusted to Contractor. Contractor also shall promptly notify County of any third party claim or suit filed against Contractor or any of its Sub-Contractors which arises from or relates to this Contract, and could result in the filing of a claim or lawsuit against Contractor and/or County.

B. Additional Insured Status and Scope of Coverage

The County of Los Angeles, its Special Districts, Elected Officials, Officers, Agents, Employees and Volunteers (collectively County and its Agents) shall be provided additional insured status under Contractor's General Liability policy with respect to liability arising out of Contractor's ongoing and completed operations performed on behalf of the County. County and its Agents additional insured status shall apply with respect to liability and defense of suits arising out of the Contractor's acts or omissions, whether such liability is attributable to the Contractor or to the County. The full policy limits and scope of protection also shall apply to the County and its Agents as an additional insured, even if they exceed the County's minimum Required Insurance specifications herein. Use of an automatic additional insured endorsement form is acceptable providing it satisfies the Required Insurance provisions herein.

C. Cancellation of or Changes in Insurance

Contractor shall provide County with, or Contractor's insurance policies shall contain a provision that County shall receive, written notice of cancellation or any change in Required Insurance, including insurer, limits of coverage, term of coverage or policy period. The written notice shall be provided to County at least ten (10) days in advance of cancellation for non-payment of premium and thirty (30) days in advance for any other cancellation or policy change. Failure to provide written notice of cancellation or any change in Required Insurance may constitute a material breach of the Contract, in the sole discretion of the County, upon which the County may suspend or terminate this Contract.

D. Failure to Maintain Insurance

Contractor's failure to maintain or to provide acceptable evidence that it maintains the Required Insurance shall constitute a material breach of the Contract, upon which County immediately may withhold payments due to Contractor, and/or suspend or terminate this Contract. County, at its sole discretion, may obtain damages from Contractor resulting from said breach. Alternatively, the County may purchase the Required Insurance, and without further notice to Contractor, deduct the premium cost from sums due to Contractor or pursue Contractor reimbursement.

E. Insurer Financial Ratings

Coverage shall be placed with insurers acceptable to the County with A.M. Best ratings of not less than A:VII unless otherwise approved by County.

F. Contractor's Insurance Shall Be Primary

Contractor's insurance policies, with respect to any claims related to this Contract, shall be primary with respect to all other sources of coverage available to Contractor. Any County maintained insurance or self-insurance coverage shall be in excess of and not contribute to any Contractor coverage.

G. Waivers of Subrogation

To the fullest extent permitted by law, the Contractor hereby waives its rights and its insurer(s)' rights of recovery against County under all the Required Insurance for any loss arising from or relating to this Contract. The Contractor shall require its insurers to execute any waiver of subrogation endorsements which may be necessary to effect such waiver.

H. Sub-Contractor Insurance Coverage Requirements

Contractor shall include all Sub-Contractors as insureds under Contractor's own policies, or shall provide County with each Sub-Contractor's separate evidence of insurance coverage. Contractor shall be responsible for verifying each Sub-Contractor complies with the Required Insurance provisions herein, and shall require that each Sub-Contractor name the County and Contractor as additional insureds on the Sub-Contractor's General Liability policy. Contractor shall obtain County's prior review and approval of any Sub-Contractor request for modification of the Required Insurance.

I. Deductibles and Self-Insured Retentions (SIRs)

Contractor's policies shall not obligate the County to pay any portion of any Contractor deductible or SIR. The County retains the right to require Contractor to reduce or eliminate policy deductibles and SIRs as respects the County, or to provide a bond guaranteeing Contractor's payment of all deductibles and SIRs, including all related claims investigation, administration and defense expenses. Such bond shall be executed by a corporate surety licensed to transact business in the State of California.

J. Claims Made Coverage

If any part of the Required Insurance is written on a claims made basis, any policy retroactive date shall precede the effective date of this Contract. Contractor understands and agrees it shall maintain such coverage for a period of not less than three (3) years following Contract expiration, termination or cancellation.

K. Application of Excess Liability Coverage

Contractors may use a combination of primary, and excess insurance policies which provide coverage as broad as the underlying primary policies, to satisfy the Required Insurance provisions.

L. Separation of Insureds

All liability policies shall provide cross-liability coverage as would be afforded by the standard ISO (Insurance Services Office, Inc.) separation of insureds provision with no insured versus insured exclusions or limitations.

M. Alternative Risk Financing Programs

The County reserves the right to review, and then approve, Contractor use of self-insurance, risk retention groups, risk purchasing groups, pooling arrangements and captive insurance to satisfy the Required Insurance provisions. The County and its Agents shall be designated as an Additional Covered Party under any approved program.

N. County Review and Approval of Insurance Requirements

The County reserves the right to review and adjust the Required Insurance provisions, conditioned upon County's determination of changes in risk exposures.

III. INSURANCE COVERAGE

A. Commercial General Liability insurance (providing scope of coverage equivalent to ISO policy form CG 00 01), naming County and its Agents as an additional insured, with limits of not less than:

General Aggregate:	\$2 million
Products/Completed Operations Aggregate:	\$1 million
Personal and Advertising Injury:	\$1 million
Each Occurrence:	\$1 million

B. Automobile Liability insurance (providing scope of coverage equivalent to ISO policy form CA 00 01) with limits of not less than \$1 million for bodily injury and property damage, in combined or equivalent split limits, for each single accident. Insurance shall

cover liability arising out of Contractor's use of autos pursuant to this Contract, including owned, leased, hired, and/or non-owned autos, as each may be applicable.

C. Workers Compensation and Employers' Liability insurance or qualified self-insurance satisfying statutory requirements, which includes Employers' Liability coverage with limits of not less than \$1 million per accident. If Contractor will provide leased employees, or, is an employee leasing or temporary staffing firm or a professional employer organization (PEO), coverage also shall include an Alternate Employer Endorsement (providing scope of coverage equivalent to ISO policy form WC 00 03 01 A) naming the County as the Alternate Employer, and the endorsement form shall be modified to provide that County will receive not less than thirty (30) days advance written notice of cancellation of this coverage provision. If applicable to Contractor's operations, coverage also shall be arranged to satisfy the requirements of any federal workers or workmen's compensation law or any federal occupational disease law.

D. Professional Liability/Errors and Omissions

Insurance covering Contractor's liability arising from or related to this Contract, with limits of not less than \$1 million per claim and \$2 million aggregate. Further, Contractor understands and agrees it shall maintain such coverage for a period of not less than three (3) years following this Contract's expiration, termination or cancellation.

E. Asbestos Liability or Contractor's Pollution Liability Insurance

If construction requires remediation of asbestos or pollutants or application or handling of pollutants, such insurance shall cover liability for personal injury and property damage arising from the release, discharge, escape, dispersal, or emission of asbestos or pollutants, whether gradual or sudden, and include coverage for the costs and expenses associated with voluntary clean-up, testing, monitoring, and treatment of asbestos in compliance with governmental mandate or requests. If the asbestos or pollutant will be removed from the construction site, asbestos or pollution liability is also required under the Contractor's of subcontractor's Automobile Liability insurance. Contractor shall maintain limits of not less than \$2 million per Occurrence/7 million Aggregate.

ATTACHMENT 3

September 7, 2016
15PROP0010.0276-rev2

Ms. Erayna Chang
County of Los Angeles Department of Public Works
Architectural Engineering Division
900 South Fremont Avenue, 8th Floor
Alhambra, CA 91803-1331



FEE SCHEDULE TO PROVIDE AS-NEEDED ENVIRONMENTAL ASSESSMENT, REMEDIATION, AND COMPLIANCE SERVICES

<u>LABOR CLASSIFICATION</u>	<u>HOURLY RATE</u>
Professional Staff	
Principal	\$240
Senior Associate	\$215
Associate	\$200
Senior 2	\$190
Senior 1	\$180
Technical Professional 3	\$160
Technical Professional 2	\$140
Technical Professional 1	\$125
CADD/Drafter/GIS Technician	\$110
Technician Staff	
Senior Environmental Technician - Prevailing Wage	\$127
Senior Environmental Technician – Non-Prevailing Wage	\$110
Environmental Technician – Prevailing Wage	\$127
Environmental Technician – Non-Prevailing Wage	\$ 90
Clerical Staff	
Administrative Staff	\$ 80
Project Assistant	\$ 70

Charges will be made at the above rates for time spent in professional, technical, inspection, and administrative services, including but not limited to, project management, consultation, or meetings related to the project, conducting field inspections, sampling, evaluations, review, and analysis of field and laboratory data, report production and review, design, and travel time.

For expert witness testimony and related services in connection with litigation, Amec Foster Wheeler shall be reimbursed for all hours worked by professionals in the above labor classifications. Time spent in depositions will be charged at the standard rate multiplied by 1.5 with a 4-hour minimum. Time spent providing expert witness testimony will be charged at the standard rate multiplied by 2.0 with an 8-hour minimum.

The Fee Schedule is based upon a Prevailing Wage Determination. Should the State of California mandate any increase in the Prevailing Wage Payroll that is applicable to our services or change in the definition of work subject to the Prevailing Wage Payroll, we reserve the right to increase our prevailing wage rates accordingly.



Amec Foster Wheeler
121 Innovation Drive, Suite 200, Irvine, CA 92617

NOTES

1. The following subconsultants, subcontractors, and labs are our project team members, as outlined in our original proposal dated January 12, 2016, namely, American Analytics, American Integrated Services, American Scientific Laboratories, AP Engineering & Testing, Inc., Aurora Industrial Hygiene, BC2 Environmental, Belshire Environmental Services, Inc., Calvada Surveying, Inc., Environmental Treatment & Technology (dba Advanced Technology Laboratories), Gregg Drilling & Testing, InterPhase Environmental, Inc., NOREAS, Inc., PTS Laboratories, Inc., SubSurface Surveys, Inc., and Wayne Perry, Inc.
2. County will not pay a mark-up on hourly rates for the services of any subconsultants that were included in your original proposal dated January 12, 2016.
3. County will not pay a mark-up on hourly rates for the services of any Consultant employee or subconsultant that were included in your original proposal if the selected employee or subconsultant is no longer available at the time of selection to provide services during the duration of the Contract.
4. Consultant must have prior written permission from the County to use any subconsultants not included in Consultant's original proposal. Any related-work requested but not listed in the Fee Schedule shall be negotiated by the County and the Consultant and may include an additional charge of up to 10%, at the sole discretion of the County and only if pre-approved by the County.
5. County will not pay a mark-up on the reproduction of any reports, documents, plans, or any other specified work products generated from the services listed in the RFP. County will not pay a mark-up on any paid fees, such as permit fees, paid by the Consultant. Consultant shall not mark-up on material cost unless pre-approved by the County in writing.
6. Consultant and its subconsultant/subcontractor's mileage charges are not reimbursable unless pre-approved by County in writing.
7. Expenses for any special requests shall be pre-authorized and approved at the discretion of the designated County project manager and contract administrator.



American Analytics

9765 Eton Ave., Chatsworth, CA 91311
 Ph: (818) 998-5547 / Fax: (818) 998-7258
<http://www.americananalytics.com>

AMERICAN ANALYTICS MOBILE LABORATORY, DRILLING AND SOIL GAS FEE SCHEDULE (AMEC DPW Project)

Line Item	Price	Overtime
Mobile Lab – One (1) GC/MS, EPA 8260B, Soil/Water/Vapor ⁽¹⁾	\$1690 /Up to 9 Hrs / Up to 18 analytical runs	\$250 / Hr
Mobile Lab -Two (2) GC/MS, EPA 8260, Soil/Water/Vapor Day ⁽¹⁾	\$2200 / Up to 9 Hrs / Up to 30 analytical runs	\$300 /Hr
Mobile Lab - Single GC/MS, EPA TO-15/TO-3, Vapor ⁽¹⁾	\$2300 / Up to 9 Hrs / Up to 14 analytical runs	\$300 / Hr
Mobile Lab - Two (2) GC/MS, EPA TO-15/TO-3, EPA 8260, Soil/Water/Vapor ⁽¹⁾	\$2400 / Up to 9 Hrs / Up to 14 analytical runs	\$300 / Hr
Additional Analysis: Fixed Gases (CH ₄ , O ₂ , N ₂ , CO ₂ , CO) by ASTM 1946 GC/TCD or Hydrogen Sulfide (H ₂ S) by GC/FPD	\$600/ Up to 15 samples, \$50 for each additional sample above 15	N/A
Geoprobe Drill Rig - Up to 8 Hrs	\$1350 / 8 Hrs	\$200 / Hr
Limited Access Drill Rig - Up to 8 Hrs	\$1350 / 8 Hrs	\$200 / Hr
Two Rigs: Limited Access Drill Rig & Geoprobe Drill Rig - 8 Hrs (One Operator)	\$1650 / 8 Hrs	\$250 / Hr
Mob/Demob (Mobile Lab or Drilling)	\$75 / Hr	
Travel Time	No charge for up to 100 miles. \$75/Hr for distance greater than 100 miles round trip	
Additional Field Technician	\$85 / Hr	
Additional Chemist	\$95/Hr	
Cancellation Fee	No charge if cancellation both by email and by telephone is received more than 48 hours in advance of the start of the project. 50%, if within 48 hours	

Expendable Supply Costs:

Soil = \$10/Sample; Groundwater = \$15/Sample; Soil Vapor = \$14/Sample, 5035 VOA Vial Kits = \$12 Each
 Tedlar Bags = \$13 Each, Soil Gas Sampling Manifold and Vacuum Pump Rental = \$100 per day

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**AMERICAN ANALYTICS
MOBILE LABORATORY, DRILLING AND SOIL GAS FEE SCHEDULE
(AMEC DPW Project)**

- (1) The actual number of samples analyzed in the mobile laboratory depends on several key variables. Examples of such variables are:
- The rate of sample production by the client is such that no time is lost between analysis and samples are available immediately when the mobile laboratory arrives at the site.
 - Sample contaminant levels and matrix interferences that may require sample analytical reruns in order to comply with method QA/QC requirements
- An analytical run includes:
- The analysis of a discrete sample
 - The re-analysis of a sample due to high concentrations of target compound(s) or the presence of matrix interferences
 - The analysis of a sample duplicate
 - The analysis of an ambient air blank
 - The analysis of an equipment blank
 - Other analyses requested by the client to conform with the project quality assurance program
- (2) All prices are subject to volume discounts on a case by case basis

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**AMERICAN ANALYTICS FEE SCHEDULE
(AMEC DPW Project) Rev. 2016-08-26**

ORGANICS

Price (\$)**GAS CHROMATOGRAPHY (GC)****Purgeable**

Purgeable Aromatics	EPA 602/8021B	40.00
Dissolved Methane in Water	RSK-175 GC/FID	60.00
Dissolved Methane, Ethane, Ethene in water	RSK-175 GC/FID	75.00
Dissolved Carbon Dioxide in Water	RSK-175 GC/TCD	75.00
Dissolved Carbon Dioxide in Water (Low Level, MRL = 1 mg/L)	RSK-175 GC/MS	85.00
Dissolved Molecular Hydrogen in Water	GC/RGD	150.00

Extractable

PCBs (soil or water)	EPA 8082	65.00
Organochlorine Pesticides	EPA 8081	95.00
PCBs & Pesticides	EPA 8081/8082	105.00
Organophosphorous Pesticides	EPA 8141	110.00
Chlorinated Herbicides	EPA 8151	150.00
Ethylene Glycol	EPA 8015M	150.00
Soxhlet Extraction	EPA 3540C	50.00

Fuel Related Analyses

TPHG/BTEX/MTBE	EPA 8015 mod. /8021B/MTBE	40.00
TPHG Gasoline Range Organics (GRO)	EPA 8015 mod.	40.00
TPHD Diesel Range Organics (DRO)	EPA 8015 mod.	40.00
Massachusetts (MADEP) EPH Analysis	GC/PID/FID MADEP	150.00
Carbon Chain Characterization	EPA 8015 mod.	50.00
Methanol and Ethanol	EPA 8015	70.00

GAS CHROMATOGRAPHY MASS SPECTROMETRY (GC/MS)

TPHG/BTEX/Oxygenates by GC/MS	EPA 8260B	80.00
BTEX and Oxygenates * by GC/MS	EPA 8260B	80.00
BTEX, Oxygenates *, EDB, EDC by GC/MS	EPA 8260B	80.00
Volatile Organics (VOCs Full List) by GC/MS	EPA 624/8260B	80.00
VOCs and Oxygenates * by GC/MS	EPA 8260B	80.00
TPHG/VOCs by GC/MS	EPA 8260B	85.00
1,2,3-Trichloropropane (1,2,3-TCP) by GC/MS	SRL-524M-TCP	85.00
1,4-Dioxane by Purge & Trap GC/MS	EPA 8260B	85.00
EDB/EDC by GC/MS	EPA 8260B	65.00
Extractable Organics by GC/MS	EPA8270C	185.00
1,4-Dioxane by Extraction GC/MS (Low Level, MRL = 2 µg/L)	EPA 8270C	110.00
Polynuclear Aromatic Hydrocarbons (PAHs) (Low Level, MRL = 0.2 µg/L)	EPA 8270C Selected Ion Monitoring (SIM)	120.00
N-Nitrosodimethyl Amine (NDMA) by GC/MS CI Mode	EPA 1625M LVI/GC/MS/CI	400.00
Dioxins and Furans by HRMS (17 Congeners)	EPA 8290/1613	850.00
2,3,7,8-TCDD by HRMS	EPA 8290/1613	450.00
Polybrominated Biphenyl Ethers (PBBs) by HRGC/MS	EPA 8270C LVI/HRGC/MS	450.00
Polybrominated Diphenyl Ethers (PBDEs) by HRGC/MS	EPA 8270C LVI/HRGC/MS	450.00
Low Level Vinyl Chloride in High Concentrations of PCE, TCE	GC/MS Cryofocus	350.00
* Oxygenates include: MTBE, TAME, TBA, ETBE, and DIPE		

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC)

Polynuclear Aromatic Hydrocarbons (PAHs)	EPA 8310	130.00
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**AMERICAN ANALYTICS FEE SCHEDULE
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METALS

	Price (\$)
Individual Metals - (GFAA Atomic Absorption, ICP Atomic Emission Spectroscopy)	
Single metal (includes digestion)	15.00
Each additional element per sample	10.00
Elements of Choice Include: B,Ca,Mg,Na,K,Si,Sb,Al,As,Ba,Be,Cd,Co,Cr,Cu,Fe,Pb,Mn,Mo,Ni,Se,Ag,Tl,Sn,V,Zn	
Mercury (Hg) EPA 245.1/245.5/7471/7470	25.00
Filtration for Dissolved Metals Determination	10.00
Organic Lead CA LUFT Manual	50.00
Organic Lead (Low Level, MRL = 0.05 mg/kg) CA LUFT ICP/MS	100.00
TCLP – Extraction Only EPA 1311	55.00
CAL WET (Waste Extraction Test) – Extraction Only 22CCR66261	55.00
Hexavalent Chromium (Cr VI) – water samples EPA 7196	40.00
Hexavalent Chromium (Cr VI) – soil samples EPA 7196	65.00
Hexavalent Chromium (Cr VI) (Low Level, MRL = 0.3 µg/L) EPA 218.6/7199	85.00
Package Metals - (GFAA Atomic Absorption, ICP Atomic Emission Spectroscopy)	
Title 22 metals w/o Cr VI (CAM 17) EPA 6010/7000	85.00
Priority Pollutant Metals (13) EPA 6010/7000	85.00
RCRA Metals (8) EPA 6010/7000	85.00
Individual Metals – (ICP/MS)	
Single metal (includes digestion) EPA 6020/200.8	20.00
Each additional element per sample EPA 6020/200.8	15.00
Elements of Choice Include: B,Ca,Mg,Na,K,Si,Sb,As,Ba,Be,Cd,Co,Cr,Cu,Pb,Mn,Mo,Ni,Se,Ag,Tl,V,Zn	
Package Metals – (ICP/MS)	
Title 22 metals W/O CrVI (CAM 17) EPA 6020/200.8/7000 (Hg)	105.00

AIR TOXICS (soil gas, vapors, etc.)

	Price (\$)
TO-15 GC/MS	160.00
TO-14 GC/MS	160.00
TO-17 (Full List) GC/MS	150.00
TO-17 (Naphthalene) GC/MS	100.00
TO-3, GRO/BTEX GC/MS	85.00
TO-15 and TO-3 (GRO) Combination on Same Sample GC/MS	190.00
1.4L SUMMA Canister Batch Certified	25.00
6L SUMMA Canister Batch Certified	30.00
*Individual Canister or Flow Controller Certification	40.00
Flow Controller and Gauge Assembly 200 ml/min	10.00
Sorbent Tube (TO-17)	20.00
Fixed Gases (Oxygen, Nitrogen, Carbon monoxide, Carbon dioxide, Methane)	65.00
Methane GC/FID	55.00
Light Hydrocarbon Gases C1 to C6 GC/FID	60.00
Hydrogen Sulfide (H2S) GC/FPD	75.00
Total Reduced Sulfur Compounds Incl. H ₂ S ASTM D5504	230.00
Volatile Organic Compounds (Full List) EPA 8260M (GC/MS)	85.00
Total Volatile Petroleum Hydrocarbons (GRO), BTEX, and Oxygenates EPA 8260M (GC/MS)	85.00
Total Volatile Petroleum Hydrocarbons & BTEX EPA 8021M GC/PID/FID	50.00

* The indicated price for individual canister certification remains in effect only if the canister is returned to AA for chemical analysis. If the canister is returned to AA and analysis is not requested, the canister certification will be charged at the above specified TO-15 analysis cost of \$160.00.

Note: Indicated prices do not include the cost of the Tedlar® bag. Tedlar® bags provided by AA will be billed at \$13.00 each

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GENERAL CHEMISTRY

		Price (\$)
Alkalinity	SM2320B	20.00
Biochemical Oxygen Demand (BOD5)	SM5210B	50.00
Bromide	EPA 300.0	18.00
Chemical Oxygen Demand (COD) (colorimetric)	EPA 410.4, SM5220D	18.00
Chloride (ion chromatography)	EPA 300.0	18.00
Chlorine	SM4500-Cl G	20.00
Conductance (EC, aqueous)	EPA 120.1, SM2510B	15.00
Conductance (EC, non-aqueous)	EPA 9050	15.00
Corrosivity (pH, aqueous) (electrometric)	SM4500-H+B	12.00
Corrosivity (pH, non-aqueous) (electrometric)	EPA 9045C, 9040B	12.00
Cyanide, total and amenable	SM4500-CN E&G	55.00
Cyanide, total (spectrophotometric)	EPA 335.4, SM4500-CN E	45.00
Cyanide, total (Low Level, MRL = 5 µg/L)	SM4500-CN E	65.00
Flashpoint	EPA 1010	60.00
Fluoride	EPA 300.0	18.00
Hardness	SM2340 B or C	20.00
MBAS	SM5540 C	45.00
Nitrogen, Ammonia	SM4500-NH3 D or E	20.00
Nitrogen, Nitrate	EPA 300.0	18.00
Nitrogen, Nitrate	SM4500-NO3 E	35.00
Nitrogen, Nitrite	EPA 300.0	18.00
Nitrogen, Nitrite	SM4500-NO2 B or E	35.00
Nitrogen, Total Kjeldhal	SM4500-NH3	40.00
Oil & Grease (Gravimetric)	EPA 1664A, SM5520B, 413.1	55.00
Light Organic Acids by IC	IC/EC Detection	95.00
Ortho-Phosphate	EPA 300.0	18.00
Oxygen, Dissolved	SM4500-OG	20.00
Permanganate	Colorimetric	35.00
Phenolics	EPA 420.1	45.00
Perchlorate	EPA 314.0	75.00
Salinity	EPA 120.1	18.00
Solids, Total Suspended	SM2540 D	18.00
Solids, Total Settleable	SM2540 F	18.00
Solids, Total Dissolved	EPA 160.1, SM2540 C	18.00
Residue, Total	SM2540 B	18.00
Residue, Volatile	EPA 160.4	25.00
Sulfate	EPA 300.0	18.00
Sulfate	SM4500-SO4 E	35.00
Sulfide	SM4500-S=D	20.00
Sulfite	SM4500-SO3 B	35.00
Temperature	EPA 170.1	10.00
TOC (Aqueous)	SM5310 B	45.00
TOC (Solid)	EPA 9060	125.00
TRPH (infrared)	EPA 418.1, SM 5520 C&F	55.00
Ferrous Iron	SM 3500 (Colorimetric)	35.00
Oxidation Reduction Potential	Electrometric	30.00
Turbidity	EPA 180.1, SM2130B	15.00
General Minerals:	Various	180.00
TDS, pH, Alkalinity (OH ⁻ , CO ₃ ²⁻ , HCO ₃ ⁻), Hardness, Conductance, MBAS, Anions: Ca, Mg, Na, K, Fe, Mn, Zn, Cations: Cl ⁻ , NO ₃ ⁻ , NO ₂ ⁻ , SO ₄ ²⁻ , F ⁻ , and Anion/Cation Balance.		

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AMERICAN ANALYTICS FEE SCHEDULE
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SPECIALITY ANALYSES

Natural Attenuation Parameters: American Analytics performs analyses for the following Natural Attenuation parameters: Dissolved Oxygen (DO), Oxidation Reduction Potential (ORP), pH, Electrical Conductance (EC), Alkalinity, Ferrous Iron (Fe^{+2}), Divalent Manganese (Mn^{+2}), Nitrate, Sulfate, Sulfide, Chloride, Dissolved Organic Carbon, Dissolved Methane, Dissolved Light Hydrocarbon Gases (C1-C6), Dissolved Carbon Dioxide (CO_2), Dissolved Molecular Hydrogen, Light Organic Acids by IC, VOCs by EPA method 8260B. These parameters and their associated chemical analyses costs are included in the above table

Emerging Chemicals: American Analytics performs low level analyses for the emerging chemicals including but not limited to: Perchlorate, hexavalent chromium, 1,4-dioxane, 1,2,3-trichloropropane, N-Nitroso-dimethyl-amine (NDMA), Polybrominated Biphenyl Ethers (PBBs), Polybrominated Diphenyl Ethers (PBDEs). These chemicals and the associated chemical analyses costs are included in the above table.

SERVICES

Price (\$)

COURIER SERVICE (Sample Pickup)

Southern California	No Charge
(24 hour advance notice required – Same day pick-ups based on schedule availability only)	
Less than 24 hour notice	50.00
Less than 12 hour notice	75.00

DATA PACKAGES

Level 1 - Report of Analysis	No Charge
Level 2 - Analysis Report with QC	No Charge
Level 3 - Analysis Report, QC, and Raw Data	10% Surcharge
Level 4 - CLP type Report	20% Surcharge
RWQCB Forms 10A, 10B, 10C	10% Surcharge

ELECTRONIC DELIVERABLES

Geotracker/Equis/GIS Key & various others	Quote
Non-Formatted Report on Disk* (1)	Quote
Formatted Report on Disk* (1)	Quote
*DBF, Comma Delimited ASCII, Excel, Lotus 123, or Access.	Quote

TURNAROUND TIME

5 to 10 Working Days	Standard
3 Days	25% Surcharge
2 Days	50% Surcharge
1 Days	100% Surcharge
Same Day, or Weekend Work	150% Surcharge
For samples received at the laboratory after 1:00 p.m., the turn-around-time (TAT) clock begins the following weekday at 8:00 a.m.	

OTHER CHARGES

Tedlar Bags 1L	13.00
5035 VOA Vial Kits Includes: 2X Sodium Bisulfate preserved vials 1X Methanol Vial and 1X TerraCore	12.00
Sample Composite / Filtration	10.00 / Container

Unless agreed upon otherwise, the client will be responsible for all shipping charges of supplies and samples to a client specified location or to AA's offices.



August 23, 2016

David DeVries
AMEC
121 Innovation Drive, Suite 200
Irvine, CA 92617

RE: Standard 2016 Transportation Rates for Non-Hazardous waste for Los Angeles County Department of Public Works

Dear David,

American Integrated Services, Inc. (AIS) appreciates the opportunity to provide AMEC with a proposal for the transportation & disposal of Non-Hazardous waste.

Through our highly trained, professional staff we offer efficient and environmentally sound, full service management, remediation, construction, and transportation of waste. All of our drivers and technicians are CPR certified and have 40 hours of training per O.S.H.A. requirements. All of our drivers have Department of Transportation's requirements of DOT 8 Hour HM-181, 215G and 232 Training for Hazardous Materials Transportation, DOT Security Awareness Training for Hazardous Materials and have 40 hours of training per O.S.H.A.

We are proposing a staging and consolidation program for you at our facility. We would pick up Non-Hazardous waste from various job sites and stage them at our yard for consolidation saving you a great deal of money on transportation and disposal cost. If you provide analysis for profiling acceptance, there will be no additional costs. If we provide the sampling our rates are attached.

Our drum rates for drum pick up of Non-Hazardous soil and liquid waste will be on a per drum schedule from various areas. These rates are per drum and include project management, analytical review, profiling, manifesting, pick up, transportation to our facility, staging/storage, drum handling, consolidation/bulking, final transportation of bulk load to disposal facility and disposal. The price also includes the storing of empty (good condition) recyclable drums for future use.

Transportation Rates

Operated Steam Cleaner	\$125.00 per hour – Portal to Portal – 4 hour minimum
Stake Bed Truck	\$110.00 per hour – Portal to Portal – 4 hour minimum
70 bbl vacuum truck	\$110.00 per hour – Portal to Portal – 4 hour minimum
120 bbl vacuum truck	\$110.00 per hour – Portal to Portal – 4 hour minimum
Bobtail Roll off truck	\$110.00 per hour – Portal to Portal – 4 hour minimum
Rocket Launcher Roll off truck	\$110.00 per hour – Portal to Portal – 4 hour minimum

Drum Delivery Rates

Stake bed unit	\$110.00 per hour – Portal to Portal
New OT Drums	\$50.00 per drum – 30 gallon or 55 gallon
New OT Poly Drums	\$85.00 per drum – 55 gallon only
Overpacks	\$250.00 per drum
Recycled Empty drums	Free if AIS is performing the drum removal

4 hour minimum is waived on drum deliveries – you will only be charged the actual time it takes for the delivery portal to portal

Non-Hazardous Transportation & Disposal Rates for Drums removed on a milk run

Non-Hazardous Soil and Liquid only

Area	1-10 drums	11-24 drums	25 + drums
Los Angeles County	\$ 140.00	\$122.50	\$110.00

Disposal for Non-Hazardous solids in **drums** is based on acceptance to Soil Safe in Adelanto, CA only. Disposal for Non-Hazardous liquids in **drums** is based on acceptance to Crosby & Overton in Long Beach, CA only.

Non-Hazardous Construction debris only - Manifested

Area	
Los Angeles County	\$ 190.00/drum

Disposal for Non-Hazardous construction debris in **drums** is based on acceptance to Crosby & Overton in Long Beach, CA only.

Hazardous Transportation & Disposal Rates for Drums removed on a milk run

Transportation & Disposal of Non-RCRA Hazardous Oil, Oily water, Diesel, Diesel & Water or Oil, Diesel & Water mixed (No PCBS, No elevated Metals, No RCRA Levels)

Los Angeles County	\$325.00 per drum
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Disposal for Non-RCRA Hazardous Oil, Oily Water, Diesel, Diesel & Water, or Oil, Diesel & Water Mixed in **drums** assumes that there are no PCBs or RCRA levels of any other COC and is based on acceptance at DeMenno Kerdoon in Compton, CA ONLY.

Transportation & Disposal of Non-RCRA Hazardous soil with STLC Metals

Los Angeles County	\$325.00 per drum
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Disposal for Non-RCRA Hazardous soil in **drums** assumes that the soil failed the STLC or TTLC limit for metals but passes TCLP limit for metals and that there are no PCBs or RCRA levels of any other COC and is based on acceptance at Crosby & Overton in Long Beach, CA ONLY.

Transportation & Disposal of Gas Mix drums

Los Angeles County \$425.00 per drum

Disposal for RCRA Hazardous Gasoline Mixture in **drums** assumes that there are no PCBs or RCRA Levels of Metals and is based on acceptance at DeMenno Kerdoon in Compton, CA ONLY.

Transportation & Disposal of Decon water with pH >12.4 drums

Los Angeles County \$465.00 per drum

Disposal for RCRA Hazardous decon water with pH >12.4 in **drums** assumes that there are no PCBs or RCRA Levels of any other COC and is based on acceptance at DeMenno Kerdoon in Compton, CA ONLY.

Transportation & Disposal of SPH Sock or absorbent drums

Los Angeles County \$725.00 per drum

Disposal for RCRA Hazardous SPH Socks or Absorbent in **drums** assumes that there are no PCBs or RCRA Levels of any other COC and is based on acceptance at Clean Harbors Aragonite, UT ONLY.

Transportation & Disposal of Hazardous Low Level VOC water drums

Los Angeles County \$425.00 per drum

Disposal for RCRA Hazardous low level VOC contaminated water in **drums** assumes that the total VOC concentration is less than 60 mg/l, the waste is not flammable and there are no PCBs or RCRA Levels of any other COC and is based on acceptance at Evoqua in Vernon, CA ONLY.

Misc Rates

Bin rental - 18 yard with lid	\$17.00 per bin per day
Bin Liner	\$25.00 each
Analysis for VOCs via 8260, Title 22 Metals & TPH Full Scan – 5 day turn	\$350.00 per sample
Analysis for VOCs via 8260, Title 22 Metals & TPH Full Scan – 3 day turn	\$525.00 per sample
Analysis for VOCs via 8260, Title 22 Metals & TPH Full Scan – 24 hour turn	\$700.00 per sample
STLCs or TCLPs as needed	\$80.00 per sample
Environmental Technician	\$75.00 per hour

Bulk Non-Hazardous Water Disposal Rates

Disposal of Non-Hazardous water at Crosby & Overton in bulk	\$0.45 per gallon
\$675.00 minimum per load which includes up to 1,500 gallons	
Solids Surcharge at Crosby & Overton	\$3.16 per gallon
Washout of Vacuum Truck at Crosby & Overton	\$350.00 per load

Disposal for Non-Hazardous liquids via Vacuum Truck is based on acceptance to Crosby & Overton in Long Beach, CA only.

Bulk Non-Hazardous Soil Disposal Rates

Disposal of Non-Hazardous soil at Soil Safe in bulk	\$45.00 per ton
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Disposal for Non-Hazardous solids via Roll off Bins or End Dumps is based on acceptance to Soil Safe in Adelanto, CA only.

Bulk Hazardous Disposal Rates

Disposal of Non-RCRA Hazardous water at DeMenno Kerdoon	\$1.45 per gallon
\$725.00 minimum per load which includes up to 500 gallons	
Solids Surcharge at DeMenno Kerdoon	\$4.25 per gallon
Washout of vacuum Truck at DeMenno Kerdoon	\$450.00 per load

Disposal for Non-RCRA Hazardous Oil, Oily Water, Diesel, Diesel & Water, or Oil, Diesel & Water Mixed via Vacuum Truck assumes that there are no PCBs or RCRA levels of any other COC and is based on acceptance at DeMenno Kerdoon in Compton, CA ONLY.

Disposal of RCRA Hazardous Gas Mix water at DeMenno Kerdoon	\$2.45 per gallon
\$1,225.00 minimum per load which includes up to 500 gallons	
Solids Surcharge at DeMenno Kerdoon	\$4.25 per gallon
Washout of vacuum Truck at DeMenno Kerdoon	\$450.00 per load

Disposal for RCRA Hazardous Gasoline Mixture via Vacuum Truck assumes that there are no PCBs or RCRA Levels of Metals and is based on acceptance at DeMenno Kerdoon in Compton, CA ONLY.

Disposal of RCRA Hazardous VOC water (Low Level) at Evoqua	\$1.45 per gallon
725.00 minimum per load which includes up to 500 gallons	
Solids surcharge at Evoqua	\$4.25 per gallon
Washout of Vacuum truck at Evoqua	\$450.00 per load

Disposal for RCRA Hazardous low level VOC contaminated water via Vacuum Truck assumes that the total VOC concentration is less than 60 mg/l, the waste is not flammable and there are no PCBs or RCRA Levels of any other COC and is based on acceptance at Evoqua in Vernon, CA ONLY.

Contingencies

1. Delays by AMEC will be charged time and material rates.
2. All End Dump/bulk work will be quoted case by case based on the site location and quantity of soil.
3. Disposal for Non-Hazardous soil in **drums** based on acceptance to Soil Safe in Adelanto only. Disposal for Non-Hazardous liquids in **drums** based on acceptance to Crosby & Overton in Long Beach, Ca. only.
4. All other Hazardous waste will be quoted case by case.
5. All solid and liquid material will need analysis for profiling acceptance. If we sample the waste and run the analysis for EPA test methods 8260 VOC's, Title 22 metals, & 8015 the cost is \$350.00 per sample plus the time for an Environmental Technician to pull the sample and take to the lab.
6. Transportation is based on a 4 hour minimum call out on all equipment.

David DeVries
AMEC
August 23, 2016
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7. All jobs subject to a fuel charge – Including drum jobs.
8. Disposal pricing is subject to change if costs are increased by the disposal facilities



2016 Rate Sheet
Effective January 1, 2016

Personnel

	<u>Standard Time</u>	<u>Prevailing Wage</u>
Principal	\$110.00	
Professional Geologist	\$150.00	
Certified Industrial Hygienist	\$110.00	
Engineer/Geologist	\$85.00	
Health and Safety Manager	\$70.00	
Superintendent	\$94.50	\$170.10
Project Manager/ Incident Commander	\$85.00	\$153.00
Supervisor	\$70.00	\$126.00
Foreman	\$58.00	\$104.40
Grade Checker	\$55.00	\$99.00
Electrician	\$75.00	\$135.00
Pipe Fitter	\$45.00	\$81.00
Tradesman (Concrete, Block, Framing, Etc.)	\$52.00	\$93.60
Env. Field Tech 1166 Monitoring	\$55.00	\$99.00
Environmental Technician	\$48.00	\$86.40
Senior Office Admin	\$59.00	\$106.20
Office Admin	\$45.00	\$81.00
Field Chemist	\$78.00	\$140.40
Technician/Laborer	\$45.00	\$81.00
Equipment Operator	\$52.00	\$93.60

Work Definitions

Straight Time (ST)

First eight (8) hours between 0700 and 1600, Monday through Friday

Overtime (OT)

Any time over eight (8) hours in a workday. Any time before 0700 or after 1600, Monday through Friday and the first twelve (12) hours on Saturday

Premium Time (PT)

Any time over twelve (12) hours in a workday. All day Sunday and the following holidays: New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving, Christmas Day

Personnel

Standard rates and prevailing rates for personnel are listed below. Overtime rates will be increased by a factor of 1.5 and Premium time rates will be increased by a factor of 1.85.

Operated Equipment

	<u>Rate</u>	<u>UOM</u>
<u>Transportation Equipment</u>		
Air Mover (Guzzler)	\$225.00	Per Hour
Articulated Haulers (30 Ton Cap.)	\$1,453.00	Per Day
45' flatbed/ Stake bed w/ Lift Gate	\$110.00	Per Hour
Dump Truck 5 Yards	\$95.00	Per Hour
Dump Truck Ten Wheel	\$105.00	Per Hour
Roll Off (Single Bin)	\$110.00	Per Hour
Rocket Launcher (Double Bin)	\$110.00	Per Hour
Semi End Dump (18 Wheel)	\$105.00	Per Hour
Semi Flatbed/ Van (45')	\$110.00	Per Hour
Vacuum Truck (30-70 BBL Black Iron)	\$110.00	Per Hour
Vacuum Truck (120 BBL Black Iron)	\$110.00	Per Hour
		Per Hur

Backhoes

Backhoe - 15,000 Lbs	\$128.00	Per Hour
Backhoe - 18,000 Lbs	\$135.00	Per Hour
Backhoe - 20,000 Lbs	\$142.00	Per Hour

Excavators

Excavator - 180,000 Lbs	\$354.00	Per Hour
Excavator - 110,000 Lbs	\$263.00	Per Hour
Excavator - 85,000 Lbs	\$220.00	Per Hour
Excavator - 75,000 Lbs	\$195.00	Per Hour
Excavator - 65,000 Lbs	\$185.00	Per Hour
Excavator - 55,000 Lbs	\$170.00	Per Hour
Excavator - 45,000 Lbs	\$165.00	Per Hour
Excavator - 20,000 Lbs	\$148.00	Per Hour
Excavator - 12,500 Lbs	\$145.00	Per Hour
Excavator - 10,000 Lbs	\$142.00	Per Hour

Loaders

Wheel Loader - 30,000 Lbs / 3 CY	\$141.00	Per Hour
Wheel Loader - 40,000 Lbs / 4 CY	\$164.00	Per Hour
Wheel Loader - 50,000 Lbs / 5.5 CY	\$193.00	Per Hour
Wheel Loader - 60,000 Lbs / 6.35 CY	\$203.00	Per Hour
Skip Loader 4x4	\$129.00	Per Hour
Skip Loader 4x4 w/ Laser	\$148.00	Per Hour
Skid Steer Loader	\$120.00	Per Hour
Track Loader - 15,000 Lbs	\$148.00	Per Hour
Track Loader - 40,000 Lbs	\$165.00	Per Hour
Track Loader - 50,000 Lbs	\$175.00	Per Hour

Dozers

Cat D-6 Dozer	\$165.00	Per Hour
Cat D-6 Dozer W/Slope Board	\$165.00	Per Hour
Track Dozer - 20,000 Lbs	\$148.00	Per Hour

Scrapers - Motor Graders

Scraper - 11yd Capacity	\$192.00	Per Hour
Scraper - 17yd Capacity	\$228.00	Per Hour
Scraper - 23yd Capacity	\$244.00	Per Hour
Motor Grader - 16' Moldboard	\$148.00	Per Hour
Motor Grader w/ Laser	\$168.00	Per Hour
Tow Behind Vibrator 54"	\$460.00	Per Day

Lifts

Forklift 8,000 lbs.	\$112.00	Per Hour
Extreme Forklift 12,000 Lbs	\$135.00	Per Hour
80' Boom Lift	\$135.00	Per Hour
40' Boom Lift	\$120.00	Per Hour
20' Boom Lift	\$105.00	Per Hour
15' Mini Scissor Lift	\$95.00	Per Hour

Dust Control/Environmental Towables

Mini Guzzler (Hydro Excavator Spoils-Vac)	\$165.00	Per Hour
Street Sweeper	\$180.50	Per Hour
Water Truck 2000 Gallon	\$95.00	Per Hour
Water Truck 4000 Gallon	\$105.00	Per Hour

All Operated Equipment Will be Billed as Follows:

Standard Rate Projects	Straight Time	Overtime	Premium Time
Prevailing Rate Projects	Standard Rates Apply	Standard Rate + \$25/Hr	Standard Rate + \$50/Hr
	Standard Rate + \$25/Hr	Standard Rate + \$50/Hr	Standard Rate + \$100/Hr

Bare Equipment

	<u>Rate</u>	<u>UOM</u>
<u>Transportation Equipment</u>		
All-Terrain Vehicles	\$250.00	Per Day
Crew Cab 4X4 Pickup	\$45.00	Per Hour
Emergency Response Unit	\$75.00	Per Hour
Emergency Response Trailer	\$85.00	Per Hour
Gear Truck w/ Lift Gate	\$55.00	Per Hour
Passenger Van (Crew)	\$40.00	Per Hour
Pickup Truck	\$40.00	Per Hour
20' Stake Bed w/Lift Gate	\$95.00	Per Hour
<u>Heavy Equipment Attachments</u>		
Breaker 750 lbs	\$265.00	Per Day
Breaker 2,000 lbs	\$318.00	Per Day
Breaker 4,500 lbs	\$750.00	Per Day
Breaker 10,000 lbs	\$1,280.00	Per Day
Compactor, Vibratory	\$245.00	Per Day
Concrete Pulverizer	\$1,375.00	Per Day
Ripper/Shear (Plus \$500 plumbing set-up)	\$2,340.00	Weekly
Tramac Mod 429 Vibratory Hammer	\$1,500.00	Per Day
Compaction Wheels 18" or 24"	\$135.00	Per Day
<u>Dust Control/Environmental Towables</u>		
Air Compressor	\$258.00	Per shift
Auxiliary Lighting (Light Tower)	\$200.00	Per shift
Ducted Fan	\$350.00	Per Day
Dump Trailer (5 Yard)	\$300.00	Per Day
Steam Pressure Washer 2,000 - 4,500 PSI	\$225.00	Per Day
Cold Water Pressure Washer 2,000 - 3,000 PSI	\$225.00	Per Day
Towable Generator - 20,000 Watts	\$138.00	Per Day
Water Trailer - Water Buffalo	\$117.00	Per Day
<u>Portable Storage Tanks</u>		
4,000 Gallon Corrosive Resistant	\$38.20	Per Day
4,000 Gallon Total Drain Easy Clean	\$40.40	Per Day
6,900 Gallon Corrosive Resistant	\$38.20	Per Day
6,900 Gallon Total Drain Easy Clean	\$40.40	Per Day
20,000 Gallon T-Tank	\$68.45	Per Day
Tank Delivery	\$150.00	Per Day
Berm Set-up	\$435.00	Per Day
Berm	\$42.00	Per Day
<u>Bin Rentals</u>		
10 Cubic Yard Bin	\$17.00	Per Day
18 Cubic Yard Bin	\$17.00	Per Day
30 Cubic Yard Bin	\$17.00	Per Day
40 Cubic Yard Bin	\$22.00	Per Day
Dewatering Bin, 25 Cubic Yards	\$47.00	Per Day
10 Yard Mud Bin (Low Sides)	\$39.00	Per Day
Guzzler/ Bin Rental	\$125.00	Per Day
Vacuum Bin 25 Yard	\$75.00	Per Day
Ramps, Guzzler	\$300.00	Per Day
<u>Containers</u>		
275 Gallon Tote (New)	\$400.00	Each
275 Gallon Tote (Used)	\$275.00	Each
Tri-Wall Box	\$150.00	Each
85 Gallon Over-Pack Drum, Steel	\$290.00	Each
95 Gallon Over-Pack Drum, Poly	\$290.00	Each
5 Gallon DOT Approved Buckets	\$20.00	Each
Drum 15 Gal Poly Drum	\$55.00	Each
Drum, 15 Gal DOT 17-E	\$50.00	Each
Drum, 30 Gal, DOT Closed Top, Steel	\$55.00	Each
Drum, 30 Gal, DOT Open Top, Steel	\$55.00	Each
Drum, 30 Gal, DOT Poly	\$55.50	Each
Drum, 5 Gal Pail (Non DOT)	\$15.00	Each
Drum, 55 Gal, DOT 17h, Open Top, New Steel	\$58.00	Each
Drum, 55 Gal Poly	\$80.00	Each
Drum, 55 Gal, Open Top, Recon, Steel DOT 17h	\$48.00	Each

Bare Equipment, Tools, and all Other Supplies Will be Billed at Standard Rates at All Times

Bare Equipment

	<u>Rate</u>	<u>UOM</u>
<u>Pumps</u>		
2" Double Diaphragm (M-8) Pump	\$75.00	Per Shift
2" Acid, Double Diaphragm Pump	\$180.00	Per Shift
3" Double Diaphragm (M-15) Pump	\$80.00	Per Shift
Electric Drum Pump	\$55.00	Per Shift
2" Submersible Pump	\$200.00	Per Shift
3" Trash Pump	\$190.00	Per Shift
Pogo (Hand) Pump	\$20.00	Each

<u>Miscellaneous Equipment</u>		
Band Saw (Portable)	\$70.00	Per Shift
Chain Saw	\$45.00	Per Shift
Circular Saw	\$25.00	Per Shift
Cordless Drill 18 Volt	\$20.00	Per Shift
Cutting Torch	\$95.00	Per Shift
Drill, Hammer Driver	\$25.00	Per Shift
Drum Deheader	\$25.00	Per Shift
Drum Dolly	\$15.00	Per Shift
Electric Circular Saw	\$25.00	Per Shift
Generators (1000- 5000 Watts)	\$155.00	Per Shift
Generators (Auxiliary)	\$90.00	Per Shift
Grinders, Pneumatic/ Electric	\$35.00	Per Shift
Grounding/ Bounding Cables	\$25.00	Per Shift
Impact Wrench (1/2 Inch Drive)	\$25.00	Per Shift
Impact Wrench (3/4 Inch Drive)	\$35.00	Per Shift
Jack Hammer (Electric)	\$80.00	Per Shift
Jack Hammer (Pneumatic)	\$45.00	Per Shift
Lawn Mower	\$40.00	Per Shift
Pallet Jack	\$50.00	Per Shift
River Buster	\$45.00	Per Shift
Sawzall, Reciprocating Saw	\$45.00	Per Shift
Soil Compactor (Manual)	\$60.00	Per Shift
Weed Eater	\$50.00	Per Shift
Wheel Barrow	\$20.00	Per Shift

<u>Traffic Control Equipment</u>		
Arrow Board (Trailer Mounted)	\$155.00	Per Shift
Cones (24" Reflective)	\$2.00	Each Per Shift
Delineators	\$2.75	Each Per Shift
Lane Closure Signals	\$38.00	Per Shift
Road Barricades	\$70.00	Per Shift

<u>Hoses and Pipes</u>		
½" x 50' Steam	\$10.00	Per Shift
¾" x 50' Air Line	\$10.00	Per Shift
1" x 50' Steam Hose	\$10.00	Per Shift
1" x 50' Water Line	\$10.00	Per Shift
2" x 25' Chemical/ Acid	\$30.00	Per Shift
2" x 25' Suction/ Discharge	\$15.00	Per Shift
3/8" x 50' Fresh Air Line	\$10.00	Per Shift
3" x 25' Suction/ Discharge	\$17.50	Per Shift
Couplers and Fitting	\$1.25	Per Shift
Vacuum Hose 2' ½" x 50' Fire Hose	\$10.00	Per Shift
Vacuum Hose 4" x 25' Suction/ Discharge	\$22.50	Per Shift
Vacuum Hose 4"/ 6"/ 8" Flex Hose	\$3.00	Per Pipe/Day
Vacuum Hose 6"/ 8" x10' Hard Pipe	\$15.00	Per Pipe/Day

Bare Equipment, Tools, and all Other Supplies Will be Billed at Standard Rates at All Times

Bare Equipment

	<u>Rate</u>	<u>UOM</u>
<u>Disposable Plastic</u>		
55 Gallon Drum Liner	\$1.75	Each
Bin Liner	\$45.00	Each
End Dump Liners	\$44.00	Each
Plastic Sheeting 4-Mil	\$80.00	Per Roll
Plastic Sheeting 6-Mil	\$90.00	Per Roll
Plastic Sheeting 8-Mil	\$110.00	Per Roll
Plastic Sheeting 10-Mil	\$150.00	Per Roll
<u>Monitoring Equipment</u>		
4-Gas Meter	\$190.00	Per Shift
Drager Test Kit	\$70.00	Per Shift
Drager Test Tubes	\$15.00	Each
Mercury Vacuum	\$575.00	Per Shift
Mercury Vapor Analyzer	\$450.00	Per Shift
Ph Meter	\$45.00	Per Shift
PID Meter	\$450.00	Per Shift
<u>Emergency Response (Consumables)</u>		
55-Gallon Drum Back Fill Sand	\$90.00	Each
55-Gallon Drum Back Fill Gravel	\$90.00	Each
Acid Suits	\$80.00	Each
Boot Covers, PVC Yellow	\$15.00	Each
Dual Respirator Cartridges	\$25.00	Each
Dust Masks	\$37.00	Per Box
Dust Mask	\$1.50	Each
Gloves, Cotton	\$4.75	Each
Gloves, Latex	\$1.00	Each
Gloves, Latex - box	\$35.00	Per Box
Gloves, Leather	\$9.00	Each
Gloves, Neoprene	\$4.75	Each
Gloves, Nitrile	\$3.00	Each
Gloves, PVC	\$4.75	Each
Gloves, Viton	\$15.00	Each
Half Face Respirator Without Cartridges	\$30.00	Per Shift
Level A Suit	\$980.00	Each
Level B Suit	\$275.00	Each
Patch Kit	\$24.85	Each
PCB Test Wipes	\$15.00	Each
Ph Test Strips	\$35.00	Per Box
Petroflag Test	\$25.00	Each
Petroflag TPH Test Kit	\$85.00	Per Shift
Rain Gear, PVC	\$17.00	Each
Safety Air Horn	\$15.00	Each
Saranex Suits	\$45.00	Each
Soda Ash (50lbs.)	\$65.00	Per Bag
Sodium Bicarbonate (50lbs.)	\$60.00	Per Bag
Super Sak	\$80.00	Each
Tyvek (25 Per Case)	\$375.00	Per Case
Tyvek Suits	\$15.00	Each
Tyvek, Poly Coated	\$20.00	Each
Tyvek, Poly Coated (25 Per Case)	\$500.00	Per Case
Vermiculite (19 LBS.)	\$16.00	Per Bag
Simple Green	\$15.00	Per Gallon

Bare Equipment, Tools, and all Other Supplies Will be Billed at Standard Rates at All Times

Bare Equipment

	<u>Rate</u>	<u>UOM</u>
<u>Emergency Response (Reusables)</u>		
5 Minute Escape Bottle w/mask & 300' Air Hose	\$225.00	Per Shift
Air Blower, Electric	\$120.00	Per Shift
Body Harness Front/Back "D" Ring	\$25.00	Per Shift
Boots, HAZMAT	\$80.00	Per Pair
Boots, PVC	\$30.00	Per Pair
Brush, Scrub (Decon)	\$8.50	Each
Explosion Proof Flashlight	\$15.00	Per Shift
Explosion Proof Lighting (Confined Space)	\$50.00	Per Shift
Extraction Device (Tri-Pod)	\$175.00	Per Shift
Flashlight (2 cell)	\$10.00	Each
Flashlight (Lantern)	\$21.00	Each
Full Face Respirator Without Cartridges	\$45.00	Per Shift
Goggles	\$7.00	Each
Hand Auger, Soil Sampling	\$40.00	Per Shift
HAZCAT Kit	\$180.00	Per Shift
HAZCAT Test	\$35.00	Per Test
Hepa Vacuum	\$175.00	Per Shift
Hudson Sprayer	\$25.00	Each
Infrared Laser Thermometer	\$45.00	Per Shift
Ladders, Extension 16'-24'	\$45.00	Per Shift
Oxygen Cylinder (90 min.)	\$100.00	Each
Positive Pressure Mask	\$40.00	Per Shift
Satellite Phone	\$100.00	Per Day
SCBA 30 Minute	\$80.00	Each
SCBA Replacement Bottle	\$40.00	Each

<u>General Jobsite Safety</u>		
Absorbent (Super Fine)	\$18.00	Per Bag
Absorbent Pads	\$80.00	Per Bundle
Asbestos Bags	\$85.00	Per Roll
Asbestos Bag	\$2.00	Each
Bag, Burlap	\$5.00	Each
Bag, Sand (Filled)	\$4.75	Each
Barricade Tape (Assorted)	\$10.00	Per Roll
Batteries (flashlight)	\$2.25	Each
Batteries (Lantern)	\$5.00	Each
Bio-Solve Cleaner	\$49.25	Per Gallon
Camera, Digital	\$30.00	Per Day
Cellular Phone	\$40.00	Per Day
Citric Acid	\$3.45	Per Lb
Citric Acid, (50 lbs.)	\$89.00	Per Bag
Cleaner, Hand	\$10.00	Each
Drinking Water	\$20.00	Per Case
Duct Tape	\$8.00	Per Roll
Kalawaso Tubes/Drum Thieves	\$180.00	Per Dozen
Kalawaso Tube/Drum Thieves	\$15.00	Each
Rags	\$55.00	Per Box
Rope, Nylon ½" DOT	\$0.90	Per Foot
Rope, Nylon ¾"	\$1.90	Per Foot

Minimum Charges:

A four (4) hour minimum charge is required on all deployments of personnel and equipment.

Out of Town Charges:

Per diem rate is \$102.00 per man per day.

Fuel Surcharge:

AIS fuel surcharge applies to all equipment and trucks.

Bare Equipment, Tools, and all Other Supplies Will be Billed at Standard Rates at All Times



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

ULTRA LOW Loyalty Discounted Prices (2016)

ORGANICS

METHODS	PARAMETERS	UNIT PRICE (\$)
EPA 1664	Oil and Grease (HEM)	32
EPA 413.2	Oil and Grease by IR	38
EPA 418.1	TRPH	40
EPA 602/8021B	BETX	30
EPA 608/8081A	Organochlorine Pesticides	70
EPA 608/8082	Polychlorinated Biphenyls Only (PCB's)	55
EPA 624	Volatile Organics (VOCs)	65
EPA 624	Volatile Organics plus MTBE	67
EPA 625/8270C	Semi-volatile Organics (SVOCs)	135
EPA 8015B	TPH as Gasoline or Light Hydrocarbons	30
EPA 8015B/ 8021B	TPH Gasoline Including BETX	38
EPA 8015B/ 8021B	TPH Gasoline Including BETX plus MTBE	40
EPA 8015B	TPH as Diesel & Heavier HCs(Extended Run)	35
EPA 8015B	TPH Full Range (GRO, DRO and ORO)	65
EPA 8081A	Organochlorine Pesticides	70
EPA 8082	Polychlorinated Biphenyls Only (PCBs)	55
EPA 8141A	Organophosphorus Pesticides (Capillary Column Technique)	135
EPA 8151A	Chlorinated Herbicides	155
EPA 8260B	Ethanol/Methanol	65
EPA 8260B	Volatile Organics (VOCs)	65
EPA 8260B	Volatile Organics (VOCs) plus Oxygenates	75
EPA 8270C	Semi-volatile Organics (SVOCs)	135
EPA 8270C	Polynuclear Aromatics (PAH)	115
EPA 8310	Polynuclear Aromatics (HPLC)	155
RSK SOP 175	Dissolved Gases in Water (1st Gas)	65
RSK SOP 175	Dissolved Gases in Water (Each Additional Gas)	15
ASTM D1946	Methane	65
ASTM D1946	Fixed Gases (1st Gas)	65
ASTM D1946	Fixed Gases (Each Additional Gas)	15



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INORGANICS (Metals)

METHODS	PARAMETERS	UNIT PRICE (\$)
EPA 3005A,3010A,3050B	Sample Prep for ICP (Metals)	8
Title 22,CCR 66261.100 All	STLC Extraction (WET)	40
EPA 1311	TCLP Extraction	40
EPA 1311	TCLP Zero Headspace Extraction	75
	STLC or TCLP Extraction for Semi-Vol	50
	Sample Composite Fee	5
EPA 200.7/6010B	Single Element (ICP)	8*
EPA 245.1/7470A, 7471A	Mercury by Cold Vapor AA	30**
EPA 200.7/6010B	ICP Metals Scan (Cd,Cr,Pb,Ni,Zn)	40
EPA 200.8/6020	ICP/MS (Single Element - Water)	25/15
EPA 200.8/6020	ICP/MS (Single Element / Each Additional Element) – Soil (Includes Prep Charge)	35/15
EPA 200.8/6020	TTLC Title 22 Metals (ICP/MS)	150
HML -939-M	Organic Lead by GFAA	125**
EPA 7199/218.6	Hexavalent Chromium (IC, Low Detection Limit)	75
EPA 200.7/245.1,, 6010B/7470A, or 6010B/7471A	TTLC,CCR Title 22 Metals	85
EPA 200.7/245.1,, 6010B/7470A	STLC,CCR Title 22 Metals	125
EPA 200.7/245.1,, 6010B/7470A, or 6010B/7471A	RCRA Metals Package (8 Elements)	75
EPA 6010B/7470A	8 TCLP Metals	125
EPA 200.7/245.1,, 6010b/7470A, or 6010B/7471A	13 Priority Pollutants	80

* Price does not include sample prep charge

** Price includes sample prep charge.

Note: All group pricing includes sample prep charge.



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INORGANICS (General Chemistry)

METHODS	PARAMETERS	Column1
SM 2310-B	Acidity	18
(22CCR 66696 (A) (4))	Acute Aquatic Fish Toxicity Bioassay	230
DOHS (TITLE 22)	Hazardous Waste Bioassay Using Fathead Minnows	275
SM 2340-B	Alkalinity	18
SM 4500-NH ₃ -D	Ammonia (ISE)	25
300	Single ANIONS by IC	25
Additional Anion(s) by IC	Each Additional Anion by IC	15
SM 5210B	Biochemical Oxygen Demand 5day(BOD) / CBOD	45
6010B	(Ca, Mg, Na, K / F, Cl, NO ₂ , NO ₃ , SO ₄)	125
SM 4500-Cl-G	Chlorine, Total Residual	25
EPA 410.4	Chemical Oxygen Demand (COD)	35
EPA 110.1	Color	10
EPA 9131/9132	Coliform, Total –Water/Soil	35/55
EPA 120.1/9050A	Conductivity	20
SM 4500-CN-G	Cyanide, Amenable to Chlorination	40
SM 4500-CN-E	Cyanide, Total	40
SM 4500-CN-E	Cyanide, Free	80
SM 3500-Fe-D	Ferrous Iron	22
EPA 1010	Flashpoint	45
300	Fluoride, (ISE)	25
GENERAL MINERALS	(Alkalinity, HCO ₃ , CO ₃ , OH, Cl, Conductivity, F, Hardness NO ₃ , pH, SO ₄ , MBAS, TDS, Ca, Mg, Na, K, Fe, Mn, Cu, Zn)	175
EPA 900	Gross Alpha and Beta	50
SM 2340-C	Hardness, Total	18
SM 2540G	Moisture Content (% Solids)	20
SM 4500-N-D	Total Nitrogen	50
EPA 351.3	Total Kjeldahl Nitrogen (TKN)	75
SM 2580B	Oxidation-Reduction Potential (ORP)	22
SM 4500-O-G	Oxygen, Dissolved	22
EPA 314.0	Perchlorate (IC)	80
9045C	pH -Soil	20
SM 4500-H-B	pH- water	10
SM 4500-P-E	Phosphorus, Ortho	30
SM 4500-P-B&E	Phosphorus, Total	35
300	Phosphate, Total	35



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

EPA 420.1/ 9065	Phenolics, Total	45
SM 2520B	Salinity	20
SM-846-7-3-HCN	Reactive Cyanide	42
SM-846-7-3-H ₂ S	Reactive Sulfide	42
ASTM D1429	Specific Gravity	20
SM 4500-S-2-D	Sulfide, Total	25
EPA 376.2/9031	Sulfide, Dissolved	25
SM 5540-C	Surfactants (MBAS)	50
SM 2540-C	Total Dissolved Solids (TDS)	20
SM 2540-D	Total Suspended Solids (TSS)	20
EPA 160.3	Total Solids (TS)	20
EPA 160.4	Total Volatile Solids (TVS)	25
EPA 160.4	Total Volatile Suspended Solids (TVSS)	25
SM 2540-F	Total Settleable Solids (SS)	20
EPA 9020B	Total Organic Halides (TOX)	138
9060	Total Organic Carbon (TOC) Water/Soil	45/65
EPA 180.1	Turbidity, NTU	15

SERVICE FEATURES:

- **Normal** Turnaround Time (TAT) is 5 working days for most analyses. All preliminary results can be sent via Facsimile or Email (PDF).
- **QA/QC** Level 1 reports are available upon request with no surcharge. Additional QA/QC is available for a small surcharge.
- **EDD** ("Electronic Data Deliverables") available in a variety of formats at no charge for most projects.
- **EDF** ("Electronic Deliverables Format") for uploading to the State of California "GeoTracker" system for LUFT sites provided at a \$ 25.00 charge.
- **Rush** Turnaround of analyses available upon request:

Weekend & Holiday	200%
Same day	100%
24 Hrs** (Next Day)	50%
48 Hrs ** (2 Days)	35%
72 Hrs ** (3 Days)	20%
96 Hrs** (4 Days)	10%

** - Applicable to some tests only. Please call the lab for specific details.
- **Free** Sample pick-up or Free Shipping at your job site or office
- **Free** pre-cleaned, certified sample bottles and containers
- **Free** delivery of sample bottles and containers to your job site or office
- **Free** sample disposal (Note: All samples will be disposed of after 30 days from date of analysis, unless prior arrangement has been made.)
- **Long Term Special Discounted Rates** are available to suit your specific analytical needs.

**AP Engineering and Testing, Inc.**

DBE | MBE | SBE

2607 Pomona Boulevard | Pomona, CA 91768

t. 909.869.6316 | f. 909.869.6318 | www.aplaboratory.com**2016 SCHEDULE OF FEES****LABORATORY TESTING SERVICES****EFFECTIVE JANUARY 1, 2016**

The following unit rates are for tests routinely performed at our geotechnical laboratory in Pomona, California.

The unit prices below are for non-contaminated soils. For contaminated soils with Level D protection, a 50% surcharge will be applied.

Test results will be presented in computer plots or tables.

A. Identification and Index Properties Test**Unit Price**

Visual Classification-ASTM D2488	\$7.00
Moisture Content-ASTM D2216	\$12.00
Moisture Content & Density-ASTM D2937	
Shelby Tube Sample	\$29.00
Ring Sample	\$20.00
Atterberg Limits-ASTM D4318	
Three Point	\$95.00
One Point	\$65.00
Particle-Size Analysis	
Sieve Analysis of Coarse or Fine Aggregates - ASTM C136	\$130.00
Coarse and Fine Sieve Analyses for Soils (from No. 200 to 6 inches) - ASTM D6913	\$210.00
Coarse and Fine Sieve Analyses for Soils (from No. 200 to 1 inch) - ASTM D6913	\$130.00
Fine Sieve Analysis for Soils (from #200 to No. 4 sieve, ASTM D6913)	\$95.00
Particle-Size Analysis (Fine Sieve and Hydrometer) -ASTM D422	\$130.00
Particle-Size Analysis (Coarse+Fine Sieve and Hydrometer) -ASTM D422	\$195.00
Percent Passing #200 Sieve-ASTM D1140	\$55.00
Specific Gravity	
Fine (passing No. 4 sieve)-ASTM D854	\$60.00
Coarse (retained on No. 4 sieve)-ASTM C127	\$85.00
Total Porosity (Calculated from Density & Specific Gravity)	
Ring or Brass Tube Sample (including specific gravity)	\$90.00
Effective Porosity	\$240.00
Sand Equivalent Value-ASTM D2419	\$70.00
Photograph of Specimen	\$10.00

B. Soil Corrosivity and Organic Content

Soil pH-DOT CA Test 643	\$18.00
Electrical Resistivity-DOT CA Test 643	\$48.00
Sulfate Content-DOT CA Test 417-B	\$48.00
Chloride Content-DOT CA Test 422	\$48.00
Corrosion Suite including all above	\$130.00
Organic Matter Content-ASTM D2974	\$65.00

C. Compaction, CBR and R-value

Standard Proctor Compaction-ASTM D698	
Method A (4-inch mold)	\$140.00
Method B or C (6-inch mold)	\$155.00
Modified Proctor Compaction-ASTM D1557 (including rock correction w/assumed Specific Gravity)	
Procedures A and B (4-inch mold)	\$150.00
Procedure C (6-inch mold)	\$165.00
Caltrans CT 216	\$195.00
California Bearing Ratio (CBR)-ASTM D1883 (Max Density charged separately)	
Three Points	\$420.00
One Point	\$190.00
R-Value-ASTM D2844 (Untreated)	\$240.00
Treated with Lime or Cement, add	\$40.00

D. Shear Strength

Pocket Penetrometer	\$10.00
Torvane	\$10.00
Direct Shear-ASTM D 3080 (Regular Shear Rate=0.025 in/min, otherwise noted below)	
Single Point Direct Shear with stress-strain curve (regular speed = 0.025 in/min)	\$98.00
3-Point Direct Shear with stress-strain curves (regular speed = 0.025 in/min)	\$198.00
3-Point Direct Shear with stress-strain curves (slow speed = 0.005 in/min)	\$275.00
Residual Shear Strength (5 passes of shearing, regular speed))	\$325.00
Shelby Tube Cutting, Trimming or Remolding of Specimens (per sample)	\$38.00
Static Uniaxial and Triaxial Strength Tests	
Unconfined Compression (UC) - ASTM D2166	\$115.00
Unconsolidated Undrained (UU,Q) - ASTM D2850	\$135.00
Consolidated Undrained (CU,R) with Pore Pressure Measurement (per Point) - ASTM D4767	\$330.00
Consolidated Drained (CD,S) with Volume Change on Sands	\$330.00
Measurement-EM1110-2-1906(X)	
Three-Staged CU Triaxial Tests (1sample, 3 confining pressures)	\$730.00
Shelby Tube Cutting, Trimming or Remolding of Specimens (per sample)	\$38.00

E. Consolidation and Swell Tests

Consolidation Test-ASTM D2435	
Double increment loading up to 12.8 ksf or 16 ksf and unload without full time readings/plots	\$175.00
Each additional unload and reload cycle	\$105.00
Full time readings and plot of time curve per load	\$45.00
Each additional load or unload without full time readings/plots	\$25.00
Shelby Tube Cutting, Trimming or Remolding of Specimens (per sample)	\$38.00
Expansion Index Test-ASTM D4829	\$98.00
Single Load Swell/Collapse Test-ASTM D4546	\$98.00

F. Permeability Tests

Constant Head Permeability of Granular Soils -ASTM D2434	\$178.00
Triaxial Permeability in Flexible-Wall Permeameter- ASTM D5084	
-Measurement at One Effective Stress	\$178.00
-Each Additional Effective Stress	\$80.00
Shelby Tube Cutting, Trimming or Remolding of Specimens (per sample)	\$38.00

G. Rock Core Tests

Uniaxial Compressive Strength of Rock Core with no stress-strain curve	\$148.00
Slake Durability (ASTM D4644)	\$165.00
Point Load Index (ASTM D5731)	\$90.00
Rock Core Cutting (per sample)	\$38.00

H. Other Special Tests

Pin Hole Dispersion	\$255.00
Using pH to Estimate the Soil-Lime Proportion Requirement for Soil Stabilization, ASTM D 6276	\$135.00
Unconfined Compressive Strength of Lime Treated Soils and Aggregates, CT 373	\$695.00
Capillary-Moisture Relationship for Soil-ASTM D2325 & ASTM D3152	\$235.00

I. Sample Pickup, Disposal and Return Policy

Sample Pickup within 40 miles radius area	\$85.00
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Sample Disposal Policy:

The remaining portions of tested samples will be disposed of 45 days after project completion without notice.

Untested bulk samples will be returned to client at client's expense or a disposal fee of \$15 per bag will be imposed.

J. Rings and Cans

Preparation of clean rings and cans (recycled 6 rings per can)	\$5.00/can
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Contact Information: Mr. Justin Phukunhaphan

AP Engineering and Testing, Inc.

2607 Pomona Boulevard, Pomona, CA 91768

Telephone: (909) 869-6316 Fax: (909) 869-6318 Email: justin@aplaboratory.com



LACO Fee Schedule – 2016

<u>Professional Services:</u>	Standard	OT/Holiday
Principal/ CIH/CSP	\$180/hr*	\$260.00
Project Manager	\$100/hr	\$150.00
Project Professional (CAC)	\$100/hr	\$140.00
Technician Services:		
Certified Asbestos Site		
Surveillance Technician (CSST)	\$ 90.00	\$120.00
Certified Lead Inspector/		
Risk Assessor/Monitor	\$ 90.00	\$120.00
Clerical	\$ 50.00	Not Applicable
<u>Laboratory Analysis¹:</u>		
Asbestos by PLM	\$14.00/sample	
Lead Bulk/Paint Chip	\$16.00/sample	
<u>Equipment:</u>		
XRF Direct Reading Lead Analyzer	\$ 300.00 per day	
<u>Subcontracted Services:</u>	at cost	

Deposition/Court Appearances are billed at a rate of \$300/hour for testimony at deposition or trial, to be billed in ½ hour increments. This rate for testimony shall apply both while waiting to give testimony, whether at an office or court, and for time taken for breaks or meals, as well as for time spent actually giving testimony.

All fees are portal to portal billing for time outside the Aurora offices. There is a 4 hour minimum for field work. The law firm/client is responsible for all out-of-pocket expenses incurred including, but not limited to, long distance phone calls, document fees, overnight delivery services, photocopies, out-of-town expenses, and such other expenses which are deemed necessary + a 10% handling fee. The law firm/client agrees to guarantee payment of any deposition fees unpaid by opposing attorneys.

¹ Laboratory analysis is based on standard turnaround time of 5 working days. Aurora is not responsible for laboratory delays. Faster analysis is available but laboratory surcharges will apply.

BC2 ENVIRONMENTAL
AMEC Foster Wheeler
LA Co. DPW - As-Needed Environmental Assessment, Remediation and Compliance Services
Schedule of Fees
2016

DESCRIPTION	UNIT	UNIT PRICE
GEOPROBE SERVICES		
Mobilization / Demobilization		
0-25 Miles	Trip	\$290.00
26-75 Miles	Trip	\$340.00
76-120 Miles	Trip	\$550.00
>121 Miles	Mile	\$5.25
Direct Push Rig		
2-Man Crew 0-4hrs On-site	Half Day	\$1,155.00
2-Man Crew 8hrs On-site	Day	\$1,890.00
2-Man Crew Over 8hrs On-site	Hour	\$270.00
Sample Supplies	Day	\$240.00
Surcharge for Continuous Sampling with Macro Core	Foot	\$2.50
Groundwater Samples	Each	\$27.00
Vapor Samples, Expendable Tips/Tubing	Sample	\$16.00
Tedlar Bags	Each	\$32.00
Single Vapor Probe Tubing and Annular Material	Foot	\$6.00
Dual Vapor Probe Tubing and Annular Material	Foot	\$8.00
Triple Vapor Probe Tubing and Annular Material	Foot	\$10.00
Roto-Hammer Rental (to install sub-slab probes)	Day	\$155.00
Sub-Slab Vapor Pin W/Silicone Jacket	Each	\$90.00
Sub-Slab Vapor Pin Cover/Protector	Each	\$32.00
AIR-VACUUM SERVICES		
Mobilization / Demobilization	Trip	\$260.00
Air-Vacuum Hole Clearance	Hour	\$195.00
Asphalt Patch	Bag	\$11.00
Pea Gravel	Bag	\$6.00
Redi-Mix Concrete	Bag	\$6.00
Rapid-Set Concrete	Bag	\$18.00
HOLLOW STEM AUGER DRILLING SERVICES		
Mobilization / Demobilization		
0-25 Miles	Trip	\$340.00
26-75 Miles	Trip	\$445.00
76-120 Miles	Trip	\$600.00
>121 Miles	Mile	\$8.00
Drilling		
Soil Borings (Note 1)	Foot	\$18.00
Convert HSA Boring Into Single Vapor Probes	Foot	\$15.00
Convert HSA Boring Into Dual Vapor Probes	Foot	\$17.00
Convert HSA Boring Into Triple Vapor Probes	Foot	\$19.00
2" PVC Wells (Note 2)	Foot	\$34.00
4" PVC Wells (Note 2)	Foot	\$44.00
Dual Completed 2" PVC Wells	Foot	\$52.00
Triple Completed 2" PVC Wells	Foot	\$58.00
WELL DEVELOPMENT (Note 3)		
1-Man Crew	Hour	\$155.00
Centrifugal Pump and Jetting Tools	Day	\$210.00
Decon/Water Trailer	Day	\$160.00
Hydropunch Groundwater Samples	Each	\$185.00
Abandonment of Wells		
2" PVC Wells By Overdrilling	Foot	\$19.00
4" PVC Wells By Overdrilling	Foot	\$25.00
6" PVC Wells By Overdrilling	Foot	\$29.00
2" PVC Wells By Pressure Grouting	Foot	\$12.00
4" PVC Wells By Pressure Grouting	Foot	\$14.00
6" PVC Wells By Pressure Grouting	Foot	\$19.00

BC2 ENVIRONMENTAL
AMEC Foster Wheeler
LA Co. DPW - As-Needed Environmental Assessment, Remediation and Compliance Services
Schedule of Fees
2016

DESCRIPTION	UNIT	UNIT PRICE
MUD ROTARY DRILLING SERVICES		
Mobilization / Demobilization		
0-25 Miles	Trip	\$1,750.00
26-75 Miles	Trip	\$2,750.00
76-120 Miles	Trip	\$3,750.00
>121 Miles	Mile	\$3750 + \$13/mile
Drilling - Mud Rotary		
Daily Rate - Up To 9Hrs On-Site	Day	\$4,750.00
2" PVC Wells - Casing & Annulus Backfill Material 8 Inch Borehole	Foot	\$16.00
4" PVC Wells -Casing & Annulus Backfill Material 10 Inch Borehole	Foot	\$19.00
Annulus Backfill Material - 8 Inch Borehole	Foot	\$11.00
Premium Time Over 9hrs On-Site	Hour	\$600.00
SONIC DRILLING SERVICES		
Mobilization / Demobilization		
0-25 Miles	Trip	\$1,750.00
26-75 Miles	Trip	\$2,750.00
76-120 Miles	Trip	\$3,750.00
>121 Miles	Mile	\$3750 + \$13/mile
Drilling - SONIC		
Daily Rate - Up To 9Hrs On-Site	Day	\$4,750.00
2" PVC Wells - Casing & Annulus Backfill Material 8 Inch Borehole	Foot	\$16.00
4" PVC Wells -Casing & Annulus Backfill Material 10 Inch Borehole	Foot	\$19.00
Annulus Backfill Material - 8 Inch Borehole	Foot	\$11.00
Premium Time Over 9hrs On-Site	Hour	\$600.00
AIR ROTARY CASING HAMMER (ARCH) DRILLING SERVICES		
Mobilization / Demobilization		
0-25 Miles	Trip	\$1,750.00
26-75 Miles	Trip	\$2,750.00
76-120 Miles	Trip	\$3,750.00
>121 Miles	Mile	\$3750 + \$13/mile
Drilling - Air Rotary		
Daily Rate - Up To 9Hrs On-Site	Day	\$4,750.00
2" PVC Wells - Casing & Annulus Backfill Material 8 Inch Borehole	Foot	\$16.00
4" PVC Wells -Casing & Annulus Backfill Material 10 Inch Borehole	Foot	\$19.00
Annulus Backfill Material - 8 Inch Borehole	Foot	\$11.00
Premium Time Over 9hrs On-Site	Hour	\$600.00
Miscellaneous Charges		
Stainless Steel Conductor Casing, Well Casing, or Screen Materials	Foot	Current Market
3/8" x 6" Stainless Steel Vapor Probes & Fittings	Each	\$38.00
3/8" Polypro Vapor Probes & Fittings	Each	\$12.00
3-Way Vapor Valves & Fittings	Each	\$10.00
Asphalt Cookie Cutting 12-18" Diameter	Hole	\$80.00
Concrete Coring 5" Diameter up to 6" Thick Non-Reinforced	Hole	\$58.00
Concrete Cutting/Coring (portal to portal)	Hour	\$185.00
Hand Auger Locations To 5ft - Hollow Stem & Mud Rotary Utility Clearance	Each	\$110.00
Angle Drilling Surcharge	Foot	\$11.00
2-Man Hand Auger Crew Portal To Portal	Hour	\$175.00
Relocate Drums	Hour	\$160.00
Continuous Sampling Surcharge (incl. Back-to-Back Split Spoons)	Foot	\$9.00
Low Clearance/Limited Access Drill Rig Surcharge - Hollow Stem	Foot	\$9.00
Low Clearance/Limited Access Drill Rig Surcharge - Mud Rotary	Foot	\$11.00
Hydropunch Groundwater Sampling	Each	\$210.00
Grab Groundwater Sampling Through Augers	Each	\$55.00
2 Inch PVC Temporary Well Material & Grab GW Sample	Foot	\$6.00
SimulProbe Groundwater Sample Supplies & Equipment	Each	\$205.00
Drive & Collect SimulProbe Groundwater Samples	Hour	\$340.00

BC2 ENVIRONMENTAL
AMEC Foster Wheeler
LA Co. DPW - As-Needed Environmental Assessment, Remediation and Compliance Services
Schedule of Fees
2016

DESCRIPTION	UNIT	UNIT PRICE
Miscellaneous Charges (cont.)		
2" x 6" SS Sample Liners, Caps & Teflon	Each	\$6.00
2" Split Spoon Samplers	Each	\$340.00
Collect Split-Spoon Soil Samples - Mud Rotary	Each	\$265.00
Decontamination Trailer (Note 5)	Day	\$160.00
Support Truck	Day	\$105.00
Support Truck with Liftgate	Day	\$180.00
Sonic Flat Water Support Truck	Day	\$210.00
Daily Crew Travel (Hollow Stem Auger, Sonic, ARCH, Mud Rotary crews)	Day	\$285.00
Poly Water Tank	Day	\$105.00
Bobcat or Forklift & Tilt Dumpster - Delivery/Pick-up	Day	\$475.00
Bobcat or Forklift & Tilt Dumpster Daily Rental	Day	\$290.00
55-Gallon Containment Drums	Each	\$55.00
5" Dia Well Box Completion - Emco Wheaton	Each	\$55.00
12" Dia Well Box Completion - Emco Wheaton	Each	\$240.00
8" Locking Steel Monument Riser Completion	Each	\$315.00
3" x 5 ft Steel Crash Posts - Installed	Each	\$100.00
Remove And Replace 12" Diameter Well Boxes - Emco Wheaton	Each	\$550.00
Light Tower Rental	Night	\$195.00
Generator Rental	Day	\$80.00
Security	Hour	\$40.00
Service Run - Change in Scope	Trip	\$315.00
Level C Upgrade (per man per hour)	Hour	\$12.00
Project Management	Hour	\$100.00
Additional Tech / 1-Man Crew On-Site Plus Travel	Hour	\$80.00
Daily Travel for Out of Town Projects	Day	\$210.00
Per Diem	Man/Night	\$145.00
Premium Time (Note 4)	Man/Hour	\$40.00
Prevailing Wage Surcharge - On-Site Time	Man/Hour	\$55.00
Hollow Stem Auger Drill Rig Standby Rate - (Logging, Site Access, Client Decisions)	Hour	\$195.00
Mud Rotary/Sonic/ARCH Standby Rate - (Logging, Site Access, Client Decisions)	Hour	\$340.00
Subcontracted Services Performed at Cost Plus 15% in Addition to Project Management Time		

Notes:

- (1) Soil Borings: Pricing includes drilling with 2 man crew, sampling at 5ft intervals (one liner per sample) and backfill. Decontamination trailer rental and containment of cuttings and decon water are charged separately.
- (2) Groundwater and Vadose Wells: Pricing includes drilling with 2 man crew, sampling at 5ft intervals, construction and backfill. Materials include PVC well casing, up to 20 feet of slotted casing, filter pack, and annular seal. Decontamination trailer, surface completion and containment of cuttings and decon water are charged separately.
- (3) Well Development: Hourly rates are charged portal to portal and exclude 55-gallon containment drums.
- (4) Premium Time: Premium time is charged after 8 hours on-site in a single day and for weekends and night work.
- (5) Decontamination Trailer: Rental is in addition to footage and hourly rates.

The above rates will remain in effect for the duration of the contract, but will be increased based on the County of Los Angeles Cost of Living Adjustment (COLA).

BC2 assumes that other parties will provide site access, drilling and well permits, and clear the location of utilities on the property. Drill rig hourly rates will be charged for all standby time and for time associated with returning to previously-drilled boreholes. BC2 is not responsible for damage to underground improvements. Client is responsible for naming BC2 Environmental on USA Dig Alert Ticket as the excavating contractor. It is the sole responsibility of the lessee or renter to follow the requirements of the regional notification center law pursuant to Article 2 (commencing with Section 4216) of Chapter 3.1 of Division 5 of Title 1 of the Government Code. By signing a contract, the lessee or renter accepts all liabilities and responsibilities contained in the regional notification center law.

2016
RATE SCHEDULE
 (Non-Prevailing Wage)

Exclusively for
AMEC FOSTER WHEELER /
LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS

Effective August 1, 2016

All rates subject to FUEL SURCHARGE when in effect (see Page 6)

TRANSPORTATION & DISPOSAL OF BULK SOIL

TRANSPORTATION & DISPOSAL OF BULK SOIL

Upon request, rates will be quoted on a "per ton" basis on a project specific basis

DISPOSAL OF NON-HAZARDOUS SOIL @ SOIL SAFE OF CALIFORNIA (TPST)

Disposal Fee = \$35.00 - \$40.00/ton #

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.

DISPOSAL OF NON-HAZARDOUS SOIL @ CHIQUITA CANYON LANDFILL

Disposal Fee (Daily Cover) = \$28.00 – 35.00 /ton #

Disposal Fee (Direct Landfill) = \$47.00 - \$55.00 /ton #

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.

END DUMP TRUCK RATES (Operated)

(Minimum = 4.0 hours)

UNIT TYPE

RATE

End Dump Truck – Non-Hazardous*:

\$100.00 - \$120.00 / hour

End Dump Truck – Hazardous*:

\$110.00 - \$130.00 /hour

10-Wheeler Dump Truck – Non-Hazardous*:

\$100.00 - \$120.00 / hour

10-Wheeler Dump Truck – Hazardous*:

\$105.00 - \$130.00 /hour

**In most cases, End Dump rates will be charged on a tonnage basis (based on mileage).*

Any clean-up load (last/final load available) will be invoiced as a 23-ton minimum load.

ROLL-OFF TRUCK (Operated) & BIN RENTAL RATES

(Minimum = 4.0 hours)

UNIT / EQUIPMENT TYPE

RATE

Roll-off Truck:

\$105.00 / hour

Roll-off Truck (Overtime):

\$127.50 / hour

Roll-off Truck (Double-Time):

\$140.00 / hour

Roll-off Bins (15 & 40 Cubic Yard):

\$ 16.00 / day

Roll-off Bins / Sludge Bins (5 Cubic Yard):

\$ 26.50 / day

Plastic Bin Liners (3 mil):

\$ 37.00 / each

Plastic Bin Liners (6 mil):

\$112.50 / each

STRAIGHT-TIME:

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

OVERTIME RATE:

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of AMEC FOSTER WHEELER.

DOUBLE-TIME RATE:

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of AMEC FOSTER WHEELER. Holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving and Christmas Day.

2016
RATE SCHEDULE
 (Non-Prevailing Wage)

Exclusively for
**AMEC FOSTER WHEELER/
 LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS**

Effective August 1, 2016

All rates subject to FUEL SURCHARGE when in effect (see Page 6)

**TRANSPORTATION & DISPOSAL
 OF WASTE CONTAINED IN DRUMS**

“MILKRUN” TRANSPORTATION & DISPOSAL OF WASTE CONTAINED IN DRUMS

TRANSPORTATION & DISPOSAL – NON-HAZARDOUS

	<u>RATE</u>
-- SOIL @ SOIL SAFE (TPST) (55 gal):	\$105.00 / drum * #
-- WATER @ DeMENNO KERDOON (55 gal):	\$105.00 / drum * #
-- INERT CONCRETE/ASPHALT DEBRIS (55-gal):	\$105.00 / drum * #
-- DRILLING MUD @ CROSBY & OVERTON or US ECOLOGY:	\$245.00 / drum * #
-- SOIL/SOLIDS (PPE, TRASH, DEBRIS, etc.) @ U.S. ECOLOGY:	\$210.00 / drum * #

TRANSPORTATION & DISPOSAL – NON-RCRA (CALIF) HAZARDOUS

	<u>RATE</u>
-- GAS/WATER MIXTURE @ DeMENNO KERDOON (55-gal):	\$200.00 / drum * #
-- LIQUIDS @ DeMENNO KERDOON (55-gal):	\$200.00 / drum * #
-- SOIL/SOLIDS (PPE, TRASH, DEBRIS, etc.) @ U.S. ECOLOGY (55-gal):	\$230.00 / drum * #

TRANSPORTATION & DISPOSAL – RCRA-HAZARDOUS

	<u>RATE</u>
-- SOIL/SOLIDS @ U.S. ECOLOGY - DIRECT LANDFILL (55-gal):	\$295.00 / drum * #
-- SOIL/SOLIDS @ U.S. ECOLOGY – STABILIZATION - METALS (55-gal):	\$305.00 / drum * #
-- SOIL/SOLIDS @ CLEAN HARBORS – INCINERATION (55-gal):	\$890.00 / drum * #
(Up to 500 lbs/drum / Excess invoiced at \$1.00/lb)	
-- GAS/WATER MIXTURE @ DeMENNO KERDOON (55-gal):	\$210.00 / drum * #
-- LIQUIDS @ DeMENNO KERDOON (55-gal):	\$245.00-\$320.00 / drum *#
-- LIQUIDS @ U.S. ECOLOGY (55-gal):	\$355.00 / drum * #

ASSOCIATED ITEMS

PROJECT MANAGEMENT & PROFILE FEE (also applies to Bulk Soil):	\$100.00-\$500.00 / project
DELIVERY OF EMPTY DRUMS (MILKRUN):	\$275.00-\$450.00 / trip
EMPTY “USED” STEEL DRUMS (55-gal):	No Charge
SALVAGE/OVERPACK DISPOSAL SURCHARGE (95-gal):	\$110.00 / drum #
SCRAPPING OF EMPTY STEEL DRUMS (55-gal):	\$ 25.00 / drum
ABSORBENT / SOLIDISORB (25 lb. Bag):	\$ 30.00 / bag
ONSITE TIME (TRANSFER OF WASTE):	\$110.00 / hour
HAND PUMP (for LIQUID WASTE TRANSFER):	\$ 22.50 / each
pH METER RENTAL:	\$ 21.50 / each
RIVET BUSTER (CUTTING OPEN DRUMS IN YARD):	\$110.00 / day
FedEx MANIFESTS (STANDARD OVERNIGHT):	\$ 25.00 / package

BESI maintains an inventory of empty “USED” Drums available for delivery to project sites. These Drums are to be used to contain only Non-Hazardous waste. Hazardous waste may not be transported in “USED” Drums. If BESI is being contracted to remove the waste, these drums will be provided at no cost (free), other than delivery charges.

** Site Set-up Fee (\$105.00): Any drum removal event with < 5 drums will be charged a \$100.00 Site Set-up Fee (in addition to the per drum rate).*

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase. Rates for other waste will be quoted upon request on a project specific basis.

2016
RATE SCHEDULE
 (Non-Prevailing Wage)

Exclusively for
**AMEC FOSTER WHEELER/
 LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS**

Effective August 1, 2016

All rates subject to FUEL SURCHARGE when in effect (see Page 6)

**TRANSPORTATION & DISPOSAL
 OF WASTE CONTAINED IN DRUMS**

DRUM TRUCK/FLATRACK TRUCK RATES (Operated)

(Minimum = 4.0 hours)

<u>UNIT TYPE</u>	<u>RATE</u>
Drum Truck with Lift Gate:	\$105.00 / hour
Drum Truck with Lift Gate (Overtime):	\$127.50 / hour
Drum Truck with Lift Gate (Double-Time):	\$140.00 / hour

STRAIGHT-TIME:

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

OVERTIME RATE:

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of AMEC FOSTER WHEELER.

DOUBLE-TIME RATE:

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of AMEC FOSTER WHEELER.

ASSOCIATED ITEMS

RATE

NEW STEEL DRUMS (EMPTY)

NEW - 15-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 75.00 / drum
NEW - 15-Gal UN/DOT CLOSED-TOP:	\$ 65.00 / drum
NEW - 30-Gal UN/DOT CLOSED-TOP:	\$ 64.00 / drum
NEW - 55-Gal UN/DOT CLOSED-TOP:	\$ 78.00 / drum
NEW - 55-Gal UN/DOT OPEN-TOP (w/ BUNG):	\$ 87.00 / drum
NEW - 55-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 87.00 / drum

RECONDITIONED STEEL DRUMS (EMPTY)

RATE

RECON - 30-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 56.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 48.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP:	\$ 48.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP (w/ BUNG):	\$ 48.00 / drum

NEW POLY DRUMS (EMPTY)

RATE

NEW - 3.5-Gal Non-DOT PAIL:	\$ 34.00 / drum
NEW - 5-Gal UN/DOT PAIL:	\$ 39.00 / drum
NEW - 15-Gal UN/DOT OPEN-TOP:	\$ 66.00 / drum
NEW - 15-Gal UN/DOT CLOSED-TOP:	\$ 45.00 / drum
NEW - 55-Gal UN/DOT CLOSED-TOP:	\$ 63.00 / drum

RECONDITIONED POLY DRUMS (EMPTY)

RECON - 15-Gal UN/DOT OPEN-TOP:	\$ 47.00 / drum
RECON - 15-Gal UN/DOT CLOSED-TOP:	\$ 37.00 / drum
RECON - 30-Gal UN/DOT OPEN-TOP:	\$ 44.00 / drum
RECON - 30-Gal UN/DOT CLOSED-TOP:	\$ 37.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP:	\$ 59.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP:	\$ 39.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP (Opaque/Clear):	\$ 43.00 / drum

2016
RATE SCHEDULE
 (Non-Prevailing Wage)

Exclusively for
 AMEC FOSTER WHEELER/
 LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS

Effective August 1, 2016

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TRANSPORTATION & DISPOSAL
OF WASTE CONTAINED IN DRUMS

<u>ASSOCIATED ITEMS</u>	<u>RATE</u>
<u>OVERPACKS / SALVAGE DRUMS (EMPTY)</u>	
NEW - 95-Gal POLY UN/DOT SALVAGE DRUM - OPEN-TOP:	\$290.00 / drum
NEW - 95-Gal STEEL UN/DOT SALVAGE DRUM - OPEN-TOP:	\$230.00 / drum
USED - 95-Gal STEEL/POLY SALVAGE DRUM (Non-UN/DOT)- OPEN-TOP:	\$130.00 / drum
<u>MISC. CONTAINERS (EMPTY)</u>	
RECON – 250/275-Gal TOTE:	\$180.00 / tote
UN/DOT CUBIC-YARD BOX (EMPTY) w/ WOODEN PALLET:	\$ 92.00 / each
UN/DOT SUPERSACK (EMPTY):	\$ 40.00 / each
WOODEN PALLET:	\$ 25.00 / each

ADDITIONAL LABOR & EQUIPMENT RATES

LABOR RATES

(Minimum = 4.0 Hours)

<u>CATEGORY</u>	<u>STRAIGHT-TIME</u>	<u>OVERTIME</u>	<u>DOUBLE-TIME</u>
Field Technician I:	\$ 70.00 / hour	\$ 80.00 / hour	\$ 90.00 / hour
Field Technician II:	\$ 80.00 / hour	\$ 95.00 / hour	\$110.00 / hour
Heavy Equipment Operator:	\$ 80.00 / hour	\$ 95.00 / hour	\$110.00 / hour
Project Manager:	\$ 90.00 / hour	\$110.00 / hour	\$130.00 / hour
Waste Consultant:	\$125.00 / hour	N/A	N/A

STRAIGHT-TIME:

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

OVERTIME RATE:

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of AMEC FOSTER WHEELER.

DOUBLE-TIME RATE:

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of AMEC FOSTER WHEELER.

EQUIPMENT RATES (Non-Operated)

(Minimum = 4.0 hours)

<u>UNIT TYPE</u>	<u>RATE</u>	<u>UNIT TYPE</u>	<u>RATE</u>
Pickup Truck/Crew Truck:	\$25.00-\$50.00 / hour	Air Compressor Unit (Trailer):	\$340.00 / day
Pressure Washer (Cold Water):	\$155.00 / day	Generator:	\$205.00 / day
Response Truck:	\$575.00 / day	LEL Meter:	\$125.00 / day
Drum-it with Mini-Vac Unit:	\$650.00 / day	Double Diaphragm Pump:	\$235.00 / day
Drum-it (no Mini Vac Unit):	\$160.00 / day	Forklift /	
		Loading Equipment:	Quoted upon request

2016
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**TRANSPORTATION & DISPOSAL
 OF BULK LIQUIDS BY VACUUM TRUCK**

BULK DISPOSAL OF NON-HAZARDOUS OILY WATER (STANDARD) @ DeMENNO KERDOON

<u>DESCRIPTION</u>	<u>RATE</u>
Disposal Fee:	\$ 0.65/gallon #
Disposal Solids Surcharge:	\$ 3.35/gallon #
Truck Washout Fee:	\$325.00/washout #

BULK DISPOSAL OF HAZARDOUS OILY WATER (STANDARD) @ DeMENNO KERDOON

<u>DESCRIPTION</u>	<u>RATE</u>
Disposal Fee:	\$ 0.65/gallon #
Disposal Solids Surcharge:	\$ 3.28/gallon #
Truck Washout Fee:	\$345.00/washout #

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.

DISPOSAL OF OTHER BULK LIQUIDS

Rates will be quoted upon request on a project specific basis

VACUUM TRUCK RATES (Operated)

(Minimum = 4.0 hours)

<u>UNIT /EQUIPMENT TYPE</u>	<u>STRAIGHT-TIME</u>	<u>OVERTIME</u>	<u>DOUBLE-TIME</u>	<u>NIGHT WORK</u>
Vacuum Truck				
70 BBL Mild Steel:	\$ 98.00 / hour	\$114.00 / hour	\$140.00 / hour	\$140.00 / hour
Vacuum Truck				
100 BBL Mild Steel:	\$102.00 / hour	\$123.00 / hour	\$150.00 / hour	\$150.00 / hour

ASSOCIATED ITEMS

PROJECT MANAGEMENT & PROFILE FEE:	\$100.00-\$500.00 / project
Surge Block:	\$ 30.50 / day
PVC Stingers / Schedule 40 – 1” Standard (10-ft section):	\$ 18.50 / each
PVC Stingers / Schedule 40 – ½” or ¾” Special In-Line (10-ft section):	\$ 25.75 / each
PVC Stingers / Schedule 40 – 1” Special In-Line (10-ft section):	\$ 28.25 / each
PVC Stingers / Schedule 40 – 1 ½” Special In-Line (10-ft section):	\$ 30.50 / each
PVC Stingers / Schedule 40 – 2” Special In-Line (10-ft section):	\$ 34.25 / each
Air Assist / Deep Wells:	\$ 36.75 / well

<u>STRAIGHT-TIME:</u>	First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.
<u>OVERTIME RATE:</u>	Any time worked over 8.0 hours in a workday, Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of AMEC FOSTER WHEELER.
<u>DOUBLE-TIME RATE:</u>	Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of AMEC FOSTER WHEELER.
<u>NIGHT WORK:</u>	Any time worked that starts after 6:00 p.m. and/or before 5:00 a.m. at the request of AMEC FOSTER WHEELER.

Belshire Environmental Services, Inc. Fuel Surcharge Rates

The following rate tables were established in response to escalating diesel fuel prices. The surcharges are based on weekly diesel fuel rates determined by the Energy Information Administration (EIA). Standard Rates will be adjusted upward/downward as diesel rates rise/fall. If diesel fuel rates exceed the fuel ranges shown in the tables, the surcharges will follow the linear trends established in these tables. Adjustments to the surcharges will be made on a weekly basis, based on the current diesel fuel price for that week.

TRANSPORTATION EQUIPMENT: The Fuel Surcharge Rates shown in the table below apply to all transportation equipment on our Rate Schedule, except for vacuum trucks.

Fuel Range			Surcharge
\$1.92	-	\$2.01	7.00%
\$2.02	-	\$2.11	8.00%
\$2.12	-	\$2.21	9.00%
\$2.22	-	\$2.31	10.00%
\$2.32	-	\$2.41	11.00%
\$2.42	-	\$2.51	12.00%
\$2.52	-	\$2.61	13.00%
\$2.62	-	\$2.71	14.00%
\$2.72	-	\$2.81	15.00%
\$2.82	-	\$2.91	16.00%
\$2.92	-	\$3.01	17.00%
\$3.02	-	\$3.11	18.00%

Fuel Range			Surcharge
\$3.12	-	\$3.21	19.00%
\$3.22	-	\$3.31	20.00%
\$3.32	-	\$3.41	21.00%
\$3.42	-	\$3.51	22.00%
\$3.52	-	\$3.61	23.00%
\$3.62	-	\$3.71	24.00%
\$3.72	-	\$3.81	25.00%
\$3.82	-	\$3.91	26.00%
\$3.92	-	\$4.01	27.00%
\$4.02	-	\$4.11	28.00%
\$4.12	-	\$4.21	29.00%
\$4.22	-	\$4.31	30.00%

Fuel Range			Surcharge
\$4.32	-	\$4.41	31.00%
\$4.42	-	\$4.51	32.00%
\$4.52	-	\$4.61	33.00%
\$4.62	-	\$4.71	34.00%
\$4.72	-	\$4.81	35.00%
\$4.82	-	\$4.91	36.00%
\$4.92	-	\$5.01	37.00%
\$5.02	-	\$5.11	38.00%
\$5.12	-	\$5.21	39.00%
\$5.22	-	\$5.31	40.00%
\$5.32	-	\$5.41	41.00%
\$5.42	-	\$5.51	42.00%

DRUMS: A fuel surcharge is added to our standard Drum rates based on the table below. A fuel surcharge rate will be added based on the number of drums removed from the site on any single drum removal trip. A minimum charge of 4 drums will be charged on any drum removal trip.

Fuel Range			Surcharge Per Drum
\$2.01		\$2.50	\$2.50
\$2.51		\$3.00	\$4.00
\$3.01	-	\$3.50	\$5.00
\$3.51	-	\$4.00	\$6.25
\$4.01	-	\$4.50	\$7.50
\$4.51	-	\$5.00	\$8.75
\$5.01	-	\$5.50	\$10.00
\$5.51	-	\$6.00	\$11.25
\$6.01	-	\$6.50	\$12.50
\$6.51	-	\$7.00	\$13.75
Minimum Fuel Surcharge is based on four drums.			

VACUUM TRUCKS: The Fuel Surcharge Rates shown in the table below apply to subcontracted vacuum truck and related equipment for projects in Southern California. Shown in the Surcharge column are the Surcharge for sites \leq 140 miles from Orange County yard, followed by Surcharge for site $>$ 140 miles from Orange County yard.

Fuel Range			Surcharge
\$1.92	-	\$2.61	0.0%
\$2.62	-	\$2.71	4.0% / 7.5%
\$2.72	-	\$2.81	5.0% / 7.5%
\$2.82	-	\$2.91	5.0% / 9.5%
\$2.92		\$3.01	6.0% / 9.5%

Fuel Range			Surcharge
\$3.02	-	\$3.11	7.0% / 11.5%
\$3.12	-	\$3.21	7.0% / 11.5%
\$3.22	-	\$3.31	8.0% / 13.5%
\$3.32	-	\$3.41	8.0% / 13.5%
\$3.42	-	\$3.51	9.0% / 15.5%

Fuel Range			Surcharge
\$3.52	-	\$3.61	10.0% / 15.5%
\$3.62	-	\$3.71	10.0% / 17.5%
\$3.72	-	\$3.81	11.0% / 17.5%
\$3.82		\$3.91	11.0% / 19.5%
\$3.92		\$4.01	12.0% / 19.5%

2016
RATE SCHEDULE
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Exclusively for
AMEC FOSTER WHEELER /
LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS

Effective August 1, 2016

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TRANSPORTATION & DISPOSAL OF BULK SOIL

TRANSPORTATION & DISPOSAL OF BULK SOIL

Upon request, rates will be quoted on a "per ton" basis on a project specific basis

DISPOSAL OF NON-HAZARDOUS SOIL @ SOIL SAFE OF CALIFORNIA (TPST)

Disposal Fee = \$35.00 - \$40.00/ton #

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.

DISPOSAL OF NON-HAZARDOUS SOIL @ CHIQUITA CANYON LANDFILL

Disposal Fee (Daily Cover) = \$28.00 – 35.00 /ton #

Disposal Fee (Direct Landfill) = \$47.00 - \$55.00 /ton #

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.

END DUMP TRUCK RATES (Operated)

(Minimum = 4.0 hours)

UNIT TYPE

RATE

End Dump Truck – Non-Hazardous*:

\$100.00 - \$120.00 / hour

End Dump Truck – Hazardous*:

\$110.00 - \$130.00 /hour

10-Wheeler Dump Truck – Non-Hazardous*:

\$100.00 - \$120.00 / hour

10-Wheeler Dump Truck – Hazardous*:

\$105.00 - \$130.00 /hour

**In most cases, End Dump rates will be charged on a tonnage basis (based on mileage).*

Any clean-up load (last/final load available) will be invoiced as a 23-ton minimum load.

ROLL-OFF TRUCK (Operated) & BIN RENTAL RATES

(Minimum = 4.0 hours)

UNIT / EQUIPMENT TYPE

RATE

Roll-off Truck:

\$115.00 / hour

Roll-off Truck (Overtime):

\$140.00 / hour

Roll-off Truck (Double-Time):

\$165.00 / hour

Roll-off Bins (15 & 40 Cubic Yard):

\$ 16.00 / day

Roll-off Bins / Sludge Bins (5 Cubic Yard):

\$ 26.50 / day

Plastic Bin Liners (3 mil):

\$ 37.00 / each

Plastic Bin Liners (6 mil):

\$112.50 / each

STRAIGHT-TIME:

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

OVERTIME RATE:

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of AMEC FOSTER WHEELER.

DOUBLE-TIME RATE:

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of AMEC FOSTER WHEELER. Holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving and Christmas Day.

2016
 RATE SCHEDULE
 (Prevailing Wage)

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 LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS

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TRANSPORTATION & DISPOSAL
 OF WASTE CONTAINED IN DRUMS

"MILKRUN" TRANSPORTATION & DISPOSAL OF WASTE CONTAINED IN DRUMS

TRANSPORTATION & DISPOSAL – NON-HAZARDOUS

RATE

-- SOIL @ SOIL SAFE (TPST) (55 gal):	\$115.00 / drum * #
-- WATER @ DeMENNO KERDOON (55 gal):	\$115.00 / drum * #
-- INERT CONCRETE/ASPHALT DEBRIS (55-gal):	\$115.00 / drum * #
-- DRILLING MUD @ CROSBY & OVERTON or US ECOLOGY:	\$255.00 / drum * #
-- SOIL/SOLIDS (PPE, TRASH, DEBRIS, etc.) @ U.S. ECOLOGY:	\$220.00 / drum * #

TRANSPORTATION & DISPOSAL – NON-RCRA (CALIF) HAZARDOUS

RATE

-- GAS/WATER MIXTURE @ DeMENNO KERDOON (55-gal):	\$210.00 / drum * #
-- LIQUIDS @ DeMENNO KERDOON (55-gal):	\$210.00 / drum * #
-- SOIL/SOLIDS (PPE, TRASH, DEBRIS, etc.) @ U.S. ECOLOGY (55-gal):	\$240.00 / drum * #

TRANSPORTATION & DISPOSAL – RCRA-HAZARDOUS

RATE

-- SOIL/SOLIDS @ U.S. ECOLOGY - DIRECT LANDFILL (55-gal):	\$305.00 / drum * #
-- SOIL/SOLIDS @ U.S. ECOLOGY - STABILIZATION of METALS (55-gal):	\$315.00 / drum * #
-- SOIL/SOLIDS @ CLEAN HARBORS – INCINERATION (55-gal):	\$900.00 / drum * #
(Up to 500 lbs/drum / Excess invoiced at \$1.05/lb)	
-- GAS/WATER MIXTURE @ DeMENNO KERDOON (55-gal):	\$220.00 / drum * #
-- LIQUIDS @ DeMENNO KERDOON (55-gal):	\$255.00-\$330.00 / drum *#
-- LIQUIDS @ U.S. ECOLOGY - SOLIDIFICATION (55-gal):	\$365.00 / drum * #

ASSOCIATED ITEMS

PROJECT MANAGEMENT & PROFILE FEE (also applies to Bulk Soil):	\$100.00-\$500.00 / project
DELIVERY OF EMPTY DRUMS (MILKRUN):	\$290.00-\$475.00 / trip
EMPTY "USED" STEEL DRUMS (55-gal):	No Charge
SALVAGE/OVERPACK DISPOSAL SURCHARGE (95-gal):	\$110.00 / drum #
SCRAPPING OF EMPTY STEEL DRUMS (55-gal):	\$ 25.00 / drum
ABSORBENT / SOLIDISORB (25 lb. Bag):	\$ 30.00 / bag
ONSITE TIME (TRANSFER OF WASTE):	\$110.00 / hour
HAND PUMP (for LIQUID WASTE TRANSFER):	\$ 22.50 / each
pH METER RENTAL:	\$ 21.50 / each
RIVET BUSTER (CUTTING OPEN DRUMS IN YARD):	\$110.00 / day
FedEx MANIFESTS (STANDARD OVERNIGHT):	\$ 25.00 / package

BESI maintains an inventory of empty "USED" Drums available for delivery to project sites. These Drums are to be used to contain only Non-Hazardous waste. Hazardous waste may not be transported in "USED" Drums. If BESI is being contracted to remove the waste, these drums will be provided at no cost (free), other than delivery charges.

** Site Set-up Fee (\$105.00): Any drum removal event with < 5 drums will be charged a \$100.00 Site Set-up Fee (in addition to the per drum rate).*

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase. Rates for other waste will be quoted upon request on a project specific basis.

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**TRANSPORTATION & DISPOSAL
 OF WASTE CONTAINED IN DRUMS**

DRUM TRUCK/FLATRACK TRUCK RATES (Operated)

(Minimum = 4.0 hours)

<u>UNIT TYPE</u>	<u>RATE</u>
Drum Truck with Lift Gate:	\$115.00 / hour
Drum Truck with Lift Gate (Overtime):	\$140.00 / hour
Drum Truck with Lift Gate (Double-Time):	\$165.00 / hour

STRAIGHT-TIME:

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

OVERTIME RATE:

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of AMEC FOSTER WHEELER.

DOUBLE-TIME RATE:

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of AMEC FOSTER WHEELER.

ASSOCIATED ITEMS

RATE

NEW STEEL DRUMS (EMPTY)

NEW - 15-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 75.00 / drum
NEW - 15-Gal UN/DOT CLOSED-TOP:	\$ 65.00 / drum
NEW - 30-Gal UN/DOT CLOSED-TOP:	\$ 64.00 / drum
NEW - 55-Gal UN/DOT CLOSED-TOP:	\$ 78.00 / drum
NEW - 55-Gal UN/DOT OPEN-TOP (w/ BUNG):	\$ 87.00 / drum
NEW - 55-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 87.00 / drum

RECONDITIONED STEEL DRUMS (EMPTY)

RATE

RECON - 30-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 56.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 48.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP:	\$ 48.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP (w/ BUNG):	\$ 48.00 / drum

NEW POLY DRUMS (EMPTY)

RATE

NEW - 3.5-Gal Non-DOT PAIL:	\$ 34.00 / drum
NEW - 5-Gal UN/DOT PAIL:	\$ 39.00 / drum
NEW - 15-Gal UN/DOT OPEN-TOP:	\$ 66.00 / drum
NEW - 15-Gal UN/DOT CLOSED-TOP:	\$ 45.00 / drum
NEW - 55-Gal UN/DOT CLOSED-TOP:	\$ 63.00 / drum

RECONDITIONED POLY DRUMS (EMPTY)

RECON - 15-Gal UN/DOT OPEN-TOP:	\$ 47.00 / drum
RECON - 15-Gal UN/DOT CLOSED-TOP:	\$ 37.00 / drum
RECON - 30-Gal UN/DOT OPEN-TOP:	\$ 44.00 / drum
RECON - 30-Gal UN/DOT CLOSED-TOP:	\$ 37.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP:	\$ 59.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP:	\$ 39.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP (Opaque/Clear):	\$ 43.00 / drum

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TRANSPORTATION & DISPOSAL
OF WASTE CONTAINED IN DRUMS

ASSOCIATED ITEMS

RATE

OVERPACKS / SALVAGE DRUMS (EMPTY)

NEW - 95-Gal POLY UN/DOT SALVAGE DRUM - OPEN-TOP:	\$290.00 / drum
NEW - 95-Gal STEEL UN/DOT SALVAGE DRUM - OPEN-TOP:	\$230.00 / drum
USED - 95-Gal STEEL/POLY SALVAGE DRUM (Non-UN/DOT)- OPEN-TOP:	\$130.00 / drum

MISC. CONTAINERS (EMPTY)

RECON – 250/275-Gal TOTE:	\$180.00 / tote
UN/DOT CUBIC-YARD BOX (EMPTY) w/ WOODEN PALLET:	\$ 92.00 / each
UN/DOT SUPERSACK (EMPTY):	\$ 40.00 / each
WOODEN PALLET:	\$ 25.00 / each

ADDITIONAL LABOR & EQUIPMENT RATES

LABOR RATES

(Minimum = 4.0 Hours)

<u>CATEGORY</u>	<u>STRAIGHT-TIME</u>	<u>OVERTIME</u>	<u>DOUBLE-TIME</u>
Field Technician I:	\$ 90.00 / hour	\$110.00 / hour	\$130.00 / hour
Field Technician II:	\$100.00 / hour	\$120.00 / hour	\$145.00 / hour
Heavy Equipment Operator:	\$105.00 / hour	\$125.00 / hour	\$150.00 / hour
Project Manager:	\$100.00 / hour	\$120.00 / hour	\$145.00 / hour
Waste Consultant:	\$125.00 / hour	N/A	N/A

STRAIGHT-TIME:

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

OVERTIME RATE:

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of AMEC FOSTER WHEELER.

DOUBLE-TIME RATE:

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of AMEC FOSTER WHEELER.

EQUIPMENT RATES (Non-Operated)

(Minimum = 4.0 hours)

<u>UNIT TYPE</u>	<u>RATE</u>	<u>UNIT TYPE</u>	<u>RATE</u>
Pickup Truck/Crew Truck:	\$25.00-\$50.00 / hour	Air Compressor Unit (Trailer):	\$340.00 / day
Pressure Washer (Cold Water):	\$155.00 / day	Generator:	\$205.00 / day
Response Truck:	\$575.00 / day	LEL Meter:	\$125.00 / day
Drum-it with Mini-Vac Unit:	\$650.00 / day	Double Diaphragm Pump:	\$235.00 / day
Drum-it (no Mini Vac Unit):	\$160.00 / day	Forklift /	
		Loading Equipment:	Quoted upon request

2016
RATE SCHEDULE
 (Prevailing Wage)

Exclusively for
**AMEC FOSTER WHEELER/
 LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS**

Effective August 1, 2016

All rates subject to FUEL SURCHARGE when in effect (see Page 6)

**TRANSPORTATION & DISPOSAL
 OF BULK LIQUIDS BY VACUUM TRUCK**

BULK DISPOSAL OF NON-HAZARDOUS OILY WATER (STANDARD) @ DeMENNO KERDOON

<u>DESCRIPTION</u>	<u>RATE</u>
Disposal Fee:	\$ 0.65/gallon #
Disposal Solids Surcharge:	\$ 3.35/gallon #
Truck Washout Fee:	\$325.00/washout #

BULK DISPOSAL OF HAZARDOUS OILY WATER (STANDARD) @ DeMENNO KERDOON

<u>DESCRIPTION</u>	<u>RATE</u>
Disposal Fee:	\$ 0.65/gallon #
Disposal Solids Surcharge:	\$ 3.28/gallon #
Truck Washout Fee:	\$345.00/washout #

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.

DISPOSAL OF OTHER BULK LIQUIDS

Rates will be quoted upon request on a project specific basis

VACUUM TRUCK RATES (Operated)

(Minimum = 4.0 hours)

<u>UNIT /EQUIPMENT TYPE</u>	<u>STRAIGHT-TIME</u>	<u>OVERTIME</u>	<u>DOUBLE-TIME</u>	<u>NIGHT WORK</u>
Vacuum Truck 70 BBL Mild Steel:	\$119.00 / hour	\$149.00 / hour	\$179.00 / hour	\$179.00 / hour
Vacuum Truck 100 BBL Mild Steel:	\$129.00 / hour	\$160.50 / hour	\$192.00 / hour	\$192.00 / hour

ASSOCIATED ITEMS

PROJECT MANAGEMENT & PROFILE FEE:	\$100.00-\$500.00 / project
Surge Block:	\$ 30.50 / day
PVC Stingers / Schedule 40 – 1” Standard (10-ft section):	\$ 18.50 / each
PVC Stingers / Schedule 40 – ½” or ¾” Special In-Line (10-ft section):	\$ 25.75 / each
PVC Stingers / Schedule 40 – 1” Special In-Line (10-ft section):	\$ 28.25 / each
PVC Stingers / Schedule 40 – 1 ½” Special In-Line (10-ft section):	\$ 30.50 / each
PVC Stingers / Schedule 40 – 2” Special In-Line (10-ft section):	\$ 34.25 / each
Air Assist / Deep Wells:	\$ 36.75 / well

<u>STRAIGHT-TIME:</u>	First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.
<u>OVERTIME RATE:</u>	Any time worked over 8.0 hours in a workday, Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of AMEC FOSTER WHEELER.
<u>DOUBLE-TIME RATE:</u>	Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of AMEC FOSTER WHEELER.
<u>NIGHT WORK:</u>	Any time worked that starts after 6:00 p.m. and/or before 5:00 a.m. at the request of AMEC FOSTER WHEELER.

Belshire Environmental Services, Inc. Fuel Surcharge Rates

The following rate tables were established in response to escalating diesel fuel prices. The surcharges are based on weekly diesel fuel rates determined by the Energy Information Administration (EIA). Standard Rates will be adjusted upward/downward as diesel rates rise/fall. If diesel fuel rates exceed the fuel ranges shown in the tables, the surcharges will follow the linear trends established in these tables. Adjustments to the surcharges will be made on a weekly basis, based on the current diesel fuel price for that week.

TRANSPORTATION EQUIPMENT: The Fuel Surcharge Rates shown in the table below apply to all transportation equipment on our Rate Schedule, except for vacuum trucks.

Fuel Range			Surcharge
\$1.92	-	\$2.01	7.00%
\$2.02	-	\$2.11	8.00%
\$2.12	-	\$2.21	9.00%
\$2.22	-	\$2.31	10.00%
\$2.32	-	\$2.41	11.00%
\$2.42	-	\$2.51	12.00%
\$2.52	-	\$2.61	13.00%
\$2.62	-	\$2.71	14.00%
\$2.72	-	\$2.81	15.00%
\$2.82	-	\$2.91	16.00%
\$2.92	-	\$3.01	17.00%
\$3.02	-	\$3.11	18.00%

Fuel Range			Surcharge
\$3.12	-	\$3.21	19.00%
\$3.22	-	\$3.31	20.00%
\$3.32	-	\$3.41	21.00%
\$3.42	-	\$3.51	22.00%
\$3.52	-	\$3.61	23.00%
\$3.62	-	\$3.71	24.00%
\$3.72	-	\$3.81	25.00%
\$3.82	-	\$3.91	26.00%
\$3.92	-	\$4.01	27.00%
\$4.02	-	\$4.11	28.00%
\$4.12	-	\$4.21	29.00%
\$4.22	-	\$4.31	30.00%

Fuel Range			Surcharge
\$4.32	-	\$4.41	31.00%
\$4.42	-	\$4.51	32.00%
\$4.52	-	\$4.61	33.00%
\$4.62	-	\$4.71	34.00%
\$4.72	-	\$4.81	35.00%
\$4.82	-	\$4.91	36.00%
\$4.92	-	\$5.01	37.00%
\$5.02	-	\$5.11	38.00%
\$5.12	-	\$5.21	39.00%
\$5.22	-	\$5.31	40.00%
\$5.32	-	\$5.41	41.00%
\$5.42	-	\$5.51	42.00%

DRUMS: A fuel surcharge is added to our standard Drum rates based on the table below. A fuel surcharge rate will be added based on the number of drums removed from the site on any single drum removal trip. A minimum charge of 4 drums will be charged on any drum removal trip.

Fuel Range			Surcharge Per Drum
\$2.01		\$2.50	\$2.50
\$2.51		\$3.00	\$4.00
\$3.01	-	\$3.50	\$5.00
\$3.51	-	\$4.00	\$6.25
\$4.01	-	\$4.50	\$7.50
\$4.51	-	\$5.00	\$8.75
\$5.01	-	\$5.50	\$10.00
\$5.51	-	\$6.00	\$11.25
\$6.01	-	\$6.50	\$12.50
\$6.51	-	\$7.00	\$13.75
Minimum Fuel Surcharge is based on four drums.			

VACUUM TRUCKS: The Fuel Surcharge Rates shown in the table below apply to subcontracted vacuum truck and related equipment for projects in Southern California. Shown in the Surcharge column are the Surcharge for sites \leq 140 miles from Orange County yard, followed by Surcharge for site $>$ 140 miles from Orange County yard.

Fuel Range			Surcharge
\$1.92	-	\$2.61	0.0%
\$2.62	-	\$2.71	4.0% / 7.5%
\$2.72	-	\$2.81	5.0% / 7.5%
\$2.82	-	\$2.91	5.0% / 9.5%
\$2.92		\$3.01	6.0% / 9.5%

Fuel Range			Surcharge
\$3.02	-	\$3.11	7.0% / 11.5%
\$3.12	-	\$3.21	7.0% / 11.5%
\$3.22	-	\$3.31	8.0% / 13.5%
\$3.32	-	\$3.41	8.0% / 13.5%
\$3.42	-	\$3.51	9.0% / 15.5%

Fuel Range			Surcharge
\$3.52	-	\$3.61	10.0% / 15.5%
\$3.62	-	\$3.71	10.0% / 17.5%
\$3.72	-	\$3.81	11.0% / 17.5%
\$3.82		\$3.91	11.0% / 19.5%
\$3.92		\$4.01	12.0% / 19.5%

Calvada Surveying, Inc.

Rate Schedule

Item Description	Unit	Unit Price
Surveying/Civil Engineering		
One Person Crew & Equipment	Hour	\$214.50
Two Person Crew & Equipment	Hour	\$286.00
Three Person Crew & Equipment	Hour	\$352.00
Principal	Hour	\$247.50
Professional Land Surveyor	Hour	\$203.50
Senior Project Manager	Hour	\$176.00
Project Manager	Hour	\$165.00
Survey Technician	Hour	\$110.00
Drafting/ AutoCad Technician	Hour	\$88.00
Office Support		
Clerical & Delivery Service	Hour/Ea.	\$55.00
Computer Time	Hour	\$38.50
Reimbursable Cost		
In-House Reproductions		Cost
Printing and Materials		Cost
Parking		Cost
Tolls		Cost
Express Mail, Courier, Next Day Service		Cost
Special Sub consultant Services		Cost
Miscellaneous Services		
Per Diem (per GSA per-diem schedule)	Day	Per GSA
Consultation in Connection with Litigation, Testimony and Similar Matters	Hour	\$495.00
*Overtime and Saturday Rates 1.5x hr rates		

Analysis	Methodology	Standard TAT
		5 Business Days
		COB
Organics Analyses	Methodology	Unit Price
Total Petroleum Hydrocarbons (TPH) as Gasoline Range Organics (GRO)	EPA 8015B, EPA 8015B/5035A/5030B	\$22.50
Total Petroleum Hydrocarbons (TPH) - GRO + BTEX	EPA 8015B/8021B	\$35.19
Total Petroleum Hydrocarbons (TPH) as Diesel Range Organics (DRO) and Motor Oil (MRO)	EPA 8015B	\$31.05
Total Petroleum Hydrocarbons (TPH) Carbon Chain ID ¹²	EPA 8015B	\$37.26
Total Petroleum Hydrocarbons (TPH) Carbon Chain ID (Custom Breakdown)	EPA 8015B	\$51.75
Methanol and/or Ethanol or Glycols	EPA 8015M	\$67.28
BTEX / MTBE by GC (Aromatic Volatile Organics)	EPA 8021B	\$33.64
Volatile Organic Compounds (Ketones upon request)	EPA 8260B	\$53.82
Volatile Organic Compounds+GRO	Ca LUFT by GC/MS	\$65.52
1,2,3-Trichloropropane SIM	EPA 8260B	\$53.82
PCBs	EPA 8082	\$48.00
Organochlorine Pesticides	EPA 8081A	\$48.00
Organophosphorus Pesticides	EPA 8141A	\$99.36
*Chlorinated Herbicides	EPA 8151	\$99.36
Semivolatile Organic Compounds	EPA 8270C	\$113.85
Semivolatile Organic Compounds - SIM; PAHs - PNAs	EPA 8270C - SIM	\$89.01
1,4-Dioxane (by modified isotope dilution technique)	EPA 8270C	\$89.01
NDMA	EPA 1625M	\$139.73
PNA's/PAH's (Polyaromatic Hydrocarbons)	EPA 8310	\$99.36
*Dioxins and Furans (15-day TAT)	EPA 8290	\$750.38
Total Recoverable Petroleum Hydrocarbons (TRPH)	EPA 1664 HEM/SGT	\$36.23
Oil & Grease	EPA 1664-HEM	\$31.05
Total Organic Carbon (water)	SM 5310B	\$31.05
Total Organic Carbon (soil)	EPA 9060	\$98.33
*Total Organic Halogens (TOX) or Extractable Organic Halides	EPA 9020	\$175.00
Metals Analyses	Methodology	Unit Price
Sample Prep for AA / ICP / ICPMS metals	EPA 3010A/3050B	\$5.18
Sample Prep for Low Level mercury		\$51.75
Sample Prep for Mercury, Chromium VI	EPA 7471A/7470A/3060	\$8.28
AA / ICP Individual Metals	EPA 6010B/7000/200.7/3111B	\$7.28
ICP Group Metals (5 or more - Excluding Mercury)	EPA 6010B	\$51.75
Title 22 (CAM 17 metals-includes digestion) / RCRA metals	EPA 6010B/7470A/7471B	\$55.00
ICPMS Individual Metals	EPA 6020/200.8	\$14.49
ICPMS Group Metals (5 or more)	EPA 6020/200.8	\$72.45
ICPMS - Individual Metals - Low Level / Sea Water	EPA 1640	\$51.75
ICPMS - Group Metals (5 or more) - Low Level / Sea Water	EPA 1640	\$181.13
Mercury by CVAA (PREP NOT INCLUDED)	EPA 7470A/7471B/245.1	\$18.63
Mercury - Low Level (PREP NOT INCLUDED)	EPA 1631E	\$155.25
Hexavalent Chromium (colorimetric) (PREP NOT INCLUDED)	EPA 7196A	\$31.05
Hexavalent Chromium by IC* (PREP NOT INCLUDED)	EPA 7199 or 218.6	\$48.00
Hazardous Waste Analyses	Methodology	Unit Price
Ignitability	EPA 1010	\$46.58
*Ignitability - solids	EPA 1030	\$113.85
Corrosivity (pH)	EPA 9045C	\$12.42
Reactivity (Cyanide and Sulfide)	Title 22	\$53.82

**STLC/TCLP/SPLP Bottle Extraction	Title 22/EPA WET/1311/1312	\$25.88
**STLC/TCLP/SPLP ZHE Extraction	Title 22/EPA WET/1311/1312	\$38.30
* = Analyses performed by qualified subcontract laboratories - Subcontracted work subject to subcontract laboratory's Fees, TAT, Terms and Conditions.		
** = Rush TAT for samples requiring STLC and / or TCLP is extended by two (2) business days due to method required extraction time.		
Ion Chromatography	Methodology	Unit Price
Anion Scan	EPA 300.0	\$45.00
Single Ion (Bromide, Chloride, Fluoride, Nitrate, Nitrite, Orthophosphate, Sulfate)	EPA 300.0	\$15.00
Perchlorate Prep		\$10.35
Perchlorate (Prep Not Incl.)	EPA 314.0	\$35.00
Air Toxics (Cost Includes Canister and Controller)	Methodology	Unit Price
Volatile Organic Compounds	EPA TO-15	\$120.00
Volatile Organic Compounds (8260 Target Analyte List)	EPA TO-15	\$120.00
Volatile Organic Compounds (Ultra-low level)	EPA TO-15 SIM	\$145.00
Volatile Organic Compounds	EPA TO-14	\$100.00
TVPH as Gasoline	EPA TO-3	\$45.00
TVPH as Gasoline/BTEX	EPA TO-3	\$50.00
TVPH as Gasoline/BTEX/MTBE	EPA TO-3	\$50.00
Dissolved gases in water - Ethane, Ethene, Methane	RSK-175	\$74.75
Dissolved gases in water - Ethane, Ethene, Methane + CO ₂	RSK-175	\$92.00
Methane	ASTM D1946	\$74.75
*Hydrogen Sulfide	EPA 15/16	\$143.75
*Hydrogen Sulfide - Low Level	EPA 15/16	\$172.50
*Fixed Gases	EPA 3C	\$120.75
*TNMOC in Landfill Gas	EPA 25C/3C	\$230.00
Tedlar Bag - 1 li / Bottle Vac		\$20.70
Individually Certified Canister (1L or 6L)		\$50.00
Inorganics Analyses	Methodology	Unit Price (<10 Samples)
*Acidity	SM 2310B(4a)	\$20.70
*Alkalinity	SM 2320B	\$20.70
*Asbestos PLM	OSHA Method ID-191	\$17.25
*Biochemical Oxygen Demand	SM 5210B	\$74.75
Chemical Oxygen Demand	EPA 410.4	\$32.20
*Chloride	SM 4500-Cl-C	\$20.70
*Chlorine, Total Residual	SM 4500-Cl-B/4500-Cl-G	\$20.70
Cyanide	SM 4500-CN G	\$55.20
*Fluoride, Total	SM 4500-F C	\$86.25
*General Mineral Analyses	Various	\$316.25
*Hardness, Total	SM 2340 C	\$20.70
Mercaptans	LACSD	\$120.75
Moisture, Percent	ASTM D2216	\$17.25
Nitrogen, Ammonia	SM 4500-NH ₃ C	\$74.75
*Nitrogen, Nitrate-Nitrite	SM 4500-NO ₃ E	\$57.50
*Nitrogen, Nitrite	SM 4500-NO ₂ B	\$40.25
*Nitrogen, Total Kjeldahl	SM 4500NH ₃ C	\$63.25

*MBAS, Surfactants	SM 5540C	\$43.13
Oxygen, Dissolved	SM 4500-O G	\$37.38
Paint Filter Test	EPA 9095	\$43.13
pH	SM 4500-H+ B/9045	\$10.35
Phosphorus, Total	365.3/SM 4500-P E	\$37.38
Salinity	SM 2520B	\$31.63
Solids, Total Dissolved	SM 2540 C	\$15.00
Solids, Total Suspended	SM 2540 D	\$15.00
Solids, Total	SM 2540 B	\$15.00
Solids, Volatile	EPA 160.4	\$34.50
Solids, Settleable	SM 2540 F	\$26.16
Specific Conductance	EPA 120.1	\$20.70
*Sulfate	EPA 375.4	\$37.38
Sulfide, Total or Dissolved - Water	SM 4500-S-2 D	\$41.11
Sulfide, Total - Soil	SM 4500-S-2 D(M)	\$63.54
Turbidity	EPA 180.1	\$13.80

Biological Analyses	Methodology	Unit Price
*Coliform (MPN) / E coli	SM 9221 A,B,E	\$69.00
*Standard Plate Count (SPC)	SM 9223	\$63.54
*96 Hour Acute Toxicity/Fish Bio	DOHS Standards	\$316.25

* = Analyses performed by qualified subcontract laboratories - Subcontracted work subject to subcontract laboratory's Fees, TAT, Terms and Conditions.

DEFINITIONS

1. COB: Close of business
2. TAT: Turn-Around-Time
3. Workorder: Group of samples logged per order.

GUARANTEED TAT SURCHARGE/DISCOUNT SCHEDULE

A	B	C
Emergency/Same Working Day/Overtime	1 Business Day (COB)	2 Business Days (COB)
150% (\$650 min.)	50%	35%
D	E	F
3 Business Days (COB)	4 Business Days (COB)	5 Business Day Guarantee (COB)
25%	10%	0%

PAYMENT TERMS

EARLY PAY DISCOUNT	LATE PAY FEE
% Discount	Interest / Month
<10 Days	90+ Days
5%	0.833% / Mo
PREFERRED PRICING WILL REVERT TO CURRENT LIST PRICE FOR INVOICES NOT PAID WITHIN 90 DAYS FROM INVOICE DATE.	

NOTES:

1. Pick up / delivery (15 min wait time): Complimentary in ATL's service areas and within 30 miles of Signal Hill, CA, after which ATL reserves the right to use 3rd Party Couriers (i.e. GSO, Fedex) to ship and receive supplies and samples.

2. Samples received after 3:00 PM will be considered as arriving at 8:00 AM the following business day.

3. Standard Turnaround Time is 5-7 Business Days - COB; Subcontract work subject to subcontract laboratory's pricing, terms, and conditions.		
4. Samples submitted with less than 80 percent of the Holding Time remaining, will be Surcharged per Surcharge Fee Schedule		
5. Change orders for In-Process samples or "On Hold" samples will be charged according to Surcharge Fee schedule.		
6. Weekend, Holiday, Holding Time Rushes will be surcharged at 300%.		
7. Retrieval of reports and /or associated data after three months will be charged at \$50.00 per data folder.		
8. Reprocessing of data will be charged at \$50.00 per report		
9. RWQCB (Geotracker) and other customized EDD's Fee: 3% of project surcharge (\$30 minimum per work order).		
10. Level IV deliverables: 15% of project (\$100.00 minimum per work order)		
11. Tentatively Identified Compounds (TIC): EPA 8260 & 8270 TIC Report (up to 10 per sample): \$65 per sample.		
12. ATL Standard TPH Carbon Chain breakdown is: C8-10, C10-18, C18-28, C28-36, C36-40, Total C8-C40.		
13. Sample Storage = \$2.00 / sample /mo after 60 days. Disposal for unanalyzed samples - \$7.00 per sample.		
14. Minimum Charge for Work Orders NOT Analyzed = \$75.00 (includes Work Orders "ON HOLD").		
15. Hard Copy Record Storage: \$1 /ATL Workorder / mo (after 60 days from sample receipt).		
16. Past due invoices over 90 days will revert to Current List Price + Monthly Interest of 0.833%.		
• 5035 EnCore Supplies (3 cartridges per sample): \$30 - Handle \$120.		
• 24-hr Composite Sampling Package: \$185		
• 5035 Preserved vials (3 vials + 1 syringe per sample): \$15 - Handle \$20.		

Samples are disposed 60 days from time of receipt; All hard copy records will be destroyed 60 days from date of report issuance.

3275 Walnut Avenue, Signal Hill, CA 90755

Questions: Call (800) 499-4388

www.atlglobal.com



INTERPHASE ENVIRONMENTAL, INC.

Mobile Laboratories & Direct Push Drilling

SCHEDULE OF PRICING W/PREVAILING WAGE

Direct-Push Sampling services: Discrete and Continuous Cored, Groundwater,
Soil Gas Sampling and SG well implant (covers up to 8 hours per day on site)

w/ 6600 Truck-Mounted Geoprobe Unit	}	\$2,400.00/ day - \$300.00/hour ¹
w/ 66DT Track Unit (Geoprobe 6610DT or 6620DT):		O.T. Hours & Saturday -
w/ All-Terrain Vehicle Units (MULE):		25% additional
w/ Limited Access Rigs (Geoprobe 420M or 540M):		Sunday - 50% additional

In-Situ Remedial Injection Services:	\$3,140.00/day
Extra Sampling Technician:	\$760.00/day or \$95/hour
Per Diem:	\$110.00/person/day
Mobile Laboratory Services (VOCs 8260B):	\$1,750.00/day ² -O.T. \$225.00/hour +mob/demob
TO15 Analysis + Summa Canister Rental:	\$350/sample
Concrete Coring:	\$45.00-\$125.00/core depending on thickness & diameter + travel if outsourced upon request. Min.\$300/day

Vapor Probe Installation:	
PET Vapor Probe Kit:	\$25.00 each
1" Stainless Steel Vapor Probe Kit:	\$35.00 each
6" Stainless Steel Vapor Probe Kit:	\$55.00 each
Teflon Tubing:	\$1.50/ft.
Tedlar Bags:	\$15.00/bag

Soil Sampling:	
6" Stainless Steel Liners:	\$5.00 each
MC/DT/LB liners/caps:	\$6.50 each

Groundwater Sampling:	
GW Expendable points:	\$11.00 each
GW Tubing:	\$0.35/ft.
Bailers:	\$10.00 each
Temporary PVC (blank/slotted):	\$3.50/ft.

Backfill Boring:	
Bentonite/Sand:	\$15.00/bag
Grout:	\$21.00/bag
Well Cover 5-8":	\$50.00 each
Waste Containment-55 gal. Drum:	\$55.00 each

Mobilization and Demobilization

Mob/Demob (local):	\$250.00/unit/day
Mob/Demob (outside local):	\$100.00/hour/unit/day
Mob/Demob additional charge:	\$100.00 for a Limited Access Rig or Track-Mounted Rig/day

1. There is a 4-hour minimum sampling charge per day
2. The Mobile Laboratory is capable of analyzing 12-15 samples per 8-hour day

Price will remain effective until further notice



INTERPHASE ENVIRONMENTAL, INC.

Mobile Laboratories & Direct Push Drilling

STANDARD SCHEDULE OF PRICING

Direct-Push Sampling services: Discrete and Continuous Cored, Groundwater,
Soil Gas Sampling and SG well implant (covers up to 8 hours per day on site)

w/6600 Truck-Mounted Geoprobe Unit w/ 66 DT Track Unit (Geoprobe 6610DT or 6620DT) w/ All-Terrain Vehicle Units (MULE): w/ Limited Access Units (Geoprobe 420M or 540M):	\$1,450.00/ day or \$200.00/hour ¹ OT Hours/Saturday 25%additional Sunday 50% additional
In-Situ Remedial Injection Services:	\$2,420.00/day
Extra Sampling Technician:	\$600.00/ day or \$75.00/ hour ¹
Per Diem:	\$110.00/person/day
Mobile Laboratory Services-VOCs 8260B:	\$1,750.00/day ² or \$225.00/hour + mob/demob
TO15 Analysis + Summa Canister Rental:	\$350/sample
Other Analysis:	Please call for quote
Concrete Coring:	\$45.00-\$125.00/core depending on thickness & diameter + travel if outsourced upon request. Min. \$300/day
Vapor Probe Installation:	
PET Vapor Probe Kit:	\$25.00 each
1" Stainless Steel Vapor Probe Kit:	\$35.00 each
6" Stainless Steel Vapor Probe Kit:	\$55.00 each
Teflon Tubing:	\$1.50/ft.
Tedlar Bags:	\$15.00/bag
Soil Sampling:	
6" Stainless Steel Liners:	\$5.00 each
MC/DT/LB liners/caps:	\$6.50 each
Groundwater Sampling:	
GW Expendable points:	\$11.00 each
GW Tubing:	\$0.35/ft.
Bailers:	\$10.00 each
Temporary PVC (blank/slotted):	\$3.50/ft.
Backfill Boring:	
Bentonite/Sand:	\$15.00/bag
Grout:	\$21.00/bag
Well Cover 5-8":	\$50.00 each
Waste Containment: 55gal.drum	\$55.00 each
Mobilization and Demobilization:	
Mob/Demob (local):	\$250.00/unit/day
Mob/Demob (outside local):	\$100.00/hour/unit/day
Mob/Demob additional charge:	\$100.00 for a Limited Access Rig or Track-Mounted Rig/day

1. There is a 4-hour minimum sampling charge per day
2. The Mobile Laboratory is capable of analyzing 12-15 samples per 8hour day

Price will remain effective until further notice

NOREAS, INC.

16361 Scientific Way, Irvine, CA 92618

August 23, 2016

Schedule of rates provided to AMEC Foster Wheeler

PART I - DIRECT LABOR	Burdened Rate
Project Manager	\$ 120.71
Contracts/ Procurement Manager	\$ 80.33
Buyer	\$ 51.80
Project Controls/ Scheduler	\$ 64.75
Quality Control Manager, Project	\$ 59.57
Safety Manager/CIH	\$ 157.25
Safety Manager, Mid	\$ 74.00
Health and Safety Officer, Project	\$ 59.22
Senior Technical Manager	\$ 160.14
Engineer, Principal	\$ 124.72
Engineer, Senior	\$ 110.39
Engineer, Mid	\$ 67.85
Engineer, Staff	\$ 55.44
Toxicologist	\$ 120.25
Chemist	\$ 94.35
Biologist/ Botanist	\$ 92.50
Biologist/ Botanist, Senior	\$ 114.70
Biological Monitor	\$ 77.70
Regulatory Specialist	\$ 96.20
Regulatory Specialist, Senior	\$ 120.71
Geologist, Senior	\$ 92.50
Geologist, Mid	\$ 72.37
Geologist, Staff	\$ 53.65
GIS/ CADD Specialist, Senior	\$ 88.80
GIS/ CADD Specialist	\$ 64.16
Database Manager	\$ 95.74
Tech Writer/Editor, Senior	\$ 83.25
Administrative Asst, Senior	\$ 58.26
Administrative Asst	\$ 40.70



TESTING FEE SUMMARY

(Effective January 1, 2013)

Physical Properties Testing, Core Analysis, Geotechnical and Mobility Parameters

TEST PACKAGES		
PTS Laboratories Test Packages combine several analyses to provide integrated data sets.		
Test Description	Method Reference	Unit Price
Soil Properties Package - Vadose Zone	API RP40	205
Native state permeability to air, total porosity, air-filled porosity, grain and bulk density, moisture content, total pore fluid saturation (reported as water only).	ASTM D2216	
Hydraulic Conductivity Pkg. - Saturated Zone	API RP40	275
Native-state permeability to water, total & air-filled porosity, grain and bulk density, moisture content, total pore fluid saturation (reported as water only).	ASTM D2216 EPA 9100	
Pore Fluid Saturation Package	API RP40	145
Pore fluid saturations (NAPL & water) by Dean-Stark extraction; total porosity, air-filled porosity, grain density, dry bulk density, and moisture content.		
Free Product Mobility Package	Mod. ASTM D425 API RP40	345
Applied centrifugal force demonstrates product mobility; includes residual saturations by Dean-Stark, total porosity, grain and dry bulk density.		
Fluid Properties Package - LNAPL* & Water Pair	ASTM D1481	495
Dynamic viscosity and fluid density at three temps, surface and interfacial tension for each fluid (three phase pairs; LNAPL/water, LNAPL/air, and water/air).	ASTM D445 ASTM D971	
*NAPL submitted for fluid properties may require cleaning (see fluid characterization).		
Capillarity Package: Air/Water Drainage	ASTM D6836 API RP40	595
Air/Water Drainage Capillary Pressure Curve (air displacing water) with Air Permeability and Hydraulic Conductivity: includes fluid production vs. capillary pressure, total porosity, dry bulk density.		
Vapor Transport Package (Johnson-Ettinger)	See individual tests for methods	575
Input Parameters for Johnson-Ettinger Model; Air permeability (native & specific); porosity (total, effective, air-filled, water-filled), volumetric air & water, moisture content, intrinsic permeability/hydraulic conductivity, grain density, dry bulk density, TOC, (foc), soil classification USDA/USCS (grain size + Atterberg Limits).		
CAL-EPA DTSC Vapor Intrusion Package	See individual tests for methods	305
Cal-EPA DTSC Vapor Intrusion Model parameters (Table 3 + Appendix H); Soil bulk & grain density, total porosity, moisture content, volumetric moisture & air, TOC/foc, and grain size distribution.		
TCEQ/TNRCC Package	EPA 9100	340
Intrinsic permeability/hydraulic conductivity, total porosity, air-filled porosity, dry bulk density, volumetric moisture content and FOC.	ASTM D2216 Walkley-Black	
Include Effective Porosity with TCEQ/TNRCC Package add \$175		

INDIVIDUAL TESTS & PARAMETERS		
Individual tests and parameters for risk modeling or determining mobility, fate and transport properties.		
Test Description	Method Reference	Unit Price
Porosity - Check model input requirements		
Total Porosity: pore volume measured with pore fluids removed (Archimedes or Boyle's Law)	API RP40	79
Air-Filled and/or Water-Filled Porosity: includes Total Porosity (may report as volumetric moisture content) (Air-filled & water-filled porosity measured at as-received saturations)	API RP40	89
Total: Calculated; requires specific gravity and dry bulk density	ASTM D854 ASTM D2937	16
Effective (Drainage) Porosity	API RP40	185
Centrifugal method; Includes total porosity	Mod. ASTM D425	
Permeability - Horizontal* and Vertical Orientation Available		
Air Permeability		
Air: native-state (w/moisture) or intrinsic (w/out)	API RP40	99
Air: Slip Corrected (equivalent liquid)	ASTM D4525	285
Air Permeability - Partially Saturated		
Air Permeability of Partially Saturated Soils	ASTM D6539	295
Air permeability at native state (as-received) condition.		
Water Permeability/Hydraulic Conductivity (addl. fluids measured)		
Hydraulic Conductivity: saturated; flexible wall, triaxial (PTS default method) Horiz. orient. + \$10	API RP40 / EPA 9100	165
Hydraulic Conductivity by ASTM D5084: saturated; flexible wall, triaxial	ASTM D5084	295
Intrinsic Permeability to Product (LNAPL)**	API RP40	325
*Vertical plug orientation is standard orientation for permeability or capillarity tests, Horizontal plug orientation add \$10 - check model requirements and notify lab if required. Please note that horizontal orientation is not available for all core sizes.		
**May require NAPL cleaning & viscosity measurement.		
PhotoLog™ Digital Core Photography		
Full-Scale: white light and UV; per foot (UV Core photography requires cryogenically preserved core and processing.)	ASTM D5079	35
Full-Scale: white light only; per foot (All digital photography includes base digital image)	ASTM D5079	25
Core Slabbing and preparation, per foot (required for core photography). Core cryogenically cut using diamond segmented horizontal bandsaw.	API RP40 Proprietary	19
Core Image Archive, (digital images on CD/DVD) Includes upload of all imagery to PTS secure website for remote access/viewing/download by clients.	ASTM D5079	200
Cryogenic processing requires additional charges for liquid nitrogen and dry ice.		
Developed for NAPL Mobility Programs by PTS Laboratories		
Residual Saturation by Water Drive	Proprietary	875
Sample driven to residual saturation by water/NAPL displacement. Residual saturations by Dean-Stark extraction, total porosity, bulk & grain density.	API RP40	

The PTS Laboratories California Facility is available to serve all your project needs!

8100 Secura Way
Santa Fe Springs, CA 90670
TEL: (562) 347-2500 FAX (562) 907-3610

Contact a Customer Service representative at (562) 347-2500
for testing/analysis information, site specific cost estimates,
sample shipping or any other testing-related questions.

For additional information, visit us on the web at www.ptslabs.com

GEOTECHNICAL TESTING

Individual geotechnical tests, parameters and index properties for modeling, reporting, engineering, and construction.

Test Description	Method Reference	Unit Price
Identification and Index Properties		
Atterberg Limits: 3 point (dry method standard)	ASTM D4318	95
Classification: Engineering USCS (Requires Particle Size & Atterberg Limits)	ASTM D2487	16
Classification: USDA (requires particle size)	USDA	16
Classification: Visual / Manual	ASTM D2488	49
Density: Measured grain (particle) density	API RP40	55
Density: Bulk; dry unit weight (Shelby Tube - \$35)	ASTM D2937	29
Sand Equivalent Value	DOT CA Test 217	75
Specific Gravity: passing #4 sieve	ASTM D854	49
Core Logging: continuous or tube; Rockworks log format; per ft; Requires slabbing, surface prep., min. 10ft	AAPG	95
Texas TRRP Tier II Package	API RP40	220
Includes total porosity, air-filled porosity, dry bulk density, volumetric moisture content and FOC.	ASTM D2216 Walkley-Black	

Grain Size Analysis*: includes tabular, graphical and statistical data

Sieve (dry sieve only): 1" to 400 mesh	ASTM D422	85
Laser Method (LPSA): 2mm to <1 micron (medium sand through clay fractions - replaces hydrometer)	ASTM D4464	79
MicroSize: Laser method; suspended solids in water or airborne particles, to 0.375 um	ASTM D4464	90
**Sieve + Laser "Combo" (grain size analysis)	ASTM D422/4464	135
Sieve + Hydrometer (grain size analysis)	ASTM D422	150
Percent pass/retained on #200 screen	ASTM D1140	65
Sample Splits: Split sample in two or more fractions using dry sieve, per split or screen.	ASTM D1140	50
Sample Cleaning; required for hydrocarbon impacted soil		5

* Laser Method (LPSA) replaces pipette & hydrometer testing for fine fractions.

**The default method for materials containing both coarse and fine fractions.

Compaction and Strength - call to discuss your Test Program

Direct Shear: per point-requires project consultation	ASTM D3080	call
Consolidated-Drained (CD) conditions also available		
Expansion Index	ASTM D4829	call
Standard Proctor:		
4" mold (6" mold add 10%)	ASTM D698	185
Modified Proctor:		
4" mold (6" mold add 10%)	ASTM D1557	195
Unconfined Compressive Strength - soil	ASTM D2166	115
Unconfined Compressive Strength - rock	ASTM D2938	265
Consolidation:	ASTM D2435	295
Consolidation - each additional load increment or reading		45
Unconsolidated Undrained Triaxial Compression	ASTM D2850	call
Triaxial Shear Test: various test conditions and modifications are available	ASTM D4767	call
Triaxial or Consolidation Testing of Contaminated Soils		+25%
Sample Remolding: Sample material remolded to known density or compaction for additional testing.		60

The nature and complexity of strength tests requires consultation before sampling.

Strength testing is provided through PTS Laboratories alliance partners.

INDIVIDUAL TESTS & PARAMETERS

Individual tests and parameters for risk modeling or determining mobility, fate and transport properties.

Test Description	Method Reference	Unit Price
Soil Chemistry		
Cation Exchange Capacity	EPA 9081	85
Moisture Content	ASTM D2216	15
Volumetric Moisture Content (water content)	API RP40	89
Moisture, Ash, Organic Matter	ASTM D2974	75
Silt Density Index; field or source water(1)	ASTM D4189	215
Soil pH	EPA 9045	15
Total Organic Carbon or Fraction Organic Carbon (TOC/foc)	Walkley-Black	95
Total Suspended Solids TSS	APHA 2540D	65
Sediment Conc. in Water; Method B - Filtration	ASTM D3977	70
Sample Cleaning; required for hydrocarbon impacted soil		5
(1) Test performed in field at the water source-call for quote. As alternative may be ran in the lab if minimum five (5) gallons of water provided.		

Fluids Characterization* (LNAPL & Water)

Density/Gravity: LNAPL or Water	ASTM D1481	75
Viscosity: LNAPL or Water; 3 temperatures; includes density and gravity	ASTM D445	275
Single Point Viscosity: ambient; incl. sp. gravity	ASTM D445	170
Interfacial Tension: per phase pair; air/water, air/product, product/water available	ASTM D971	175
LNAPL cleaning; properties measurements	Proprietary	50
LNAPL cleaning; per liter (for flow tests)	Proprietary	100

FLUID VOLUMES REQUIRED: One liter each NAPL & field water for fluid properties tests (or 500 ml of clean fluids). If NAPL submitted for properties or use in other tests contains water, sediment, or foreign material it must be cleaned before analyses.

*LNAPL only, see DNAPL section for DNAPL, chlorinated or hazardous fluids.

LNAPL submitted for analysis requiring cleaning is charged as above; see page 3 for NAPL disposal charges.

Volume Sediment and Water (VSW)	ASTM D96	135
Bulk fluid separation; gravimetric plus centrifugal (requires VSW test)	Mod. ASTM D96	150
Reid vapor pressure	ASTM D323	115
Simulated Distillation, requires specific gravity	ASTM D2887	265
OILPRINT™ High Resolution Chromatography: C4-C35+ Fingerprinting, source or product identification, plume modeling. Includes basic interpretation.	IP 318/75M	300
Professional Consultation: PhD Forensic Geochemist	Per Hour	150

Capillary Pressure Curves* (Soil Moisture Retention)

Centrifugal method: air displacing water; includes total porosity and dry bulk density	ASTM D6836	430
Porous Plate: air displacing water; includes porosity and bulk density; call for TAT	ASTM D2325/3152	499
Pore Size Distribution: Mercury injection; includes total porosity, bulk density	ASTM D4404	490
Specific Retention/Yield: includes total porosity	ASTM D425	185
van Genuchten Parameters & Relative Perm. calculation		160
Brooks-Corey Parameters (requires VG curve fit) calculation		65

*Capillary pressure curve TAT is lithology dependent; typical test program requires minimum 3-4 weeks for air/water systems and 4-6 weeks for water/NAPL systems.

ENVIRONMENTAL SERVICES - CALIFORNIA FACILITY

TEL: (562) 347-2500 FAX (562) 907-3610

CORPORATE HEADQUARTERS

TEL: (713) 316-1800 FAX: (713) 316-1882



TESTING FEE SUMMARY

Effective January 1, 2013

MOBILITY & REMEDIATION TESTING

Tests packages/parameters as inputs for mobility & NAPL volume models. Basic & advanced remediation tests.

Test Description	Method Reference	Unit Price
BASIC MOBILITY PROGRAM		
Pore Fluid Saturation Package	API RP40	145
Sieve (dry sieve only): 1" to 400 mesh	ASTM D422	85
Capillarity Package: Air/Water Drainage	ASTM D6836	595
Intrinsic Permeability to Product (LNAPL)	API RP40	325
Intrinsic Permeability/Hydraulic Conductivity	API RP40	165
Fluid Properties Package - LNAPL & Water Pair	multiple	495
Core Photography; Color + UV per ft.	ASTM D5079	54
Total Organic Carbon	Walkley-Black	95
Atterberg Limits	ASTM D4318	95
Core Photo above includes slabbing and preparation. Dry ice not included.		
ADVANCED MOBILITY TESTS		
Free Product Mobility Package	Mod. ASTM D425	345
Effective (Drainage) Porosity	Mod. ASTM D425	185
Pore Size Distribution: Mercury injection	ASTM D4404	490
Water/NAPL Relative Permeability: Unsteady-State	JBN	1395
LNAPL Capillary Pressure Systems		
Air/LNAPL Drainage Capillarity Package: air displacing LNAPL	ASTM D6836 API RP40	660
LNAPL/Water Drainage Capillarity Pkg.: LNAPL displacing water	ASTM D6836 API RP40	685
Water/LNAPL Imbibition Capillarity Package: Water displacing LNAPL (requires drng. curve)	ASTM D6836 API RP40	785
van Genuchten Parameters	VG calc.	160
Wettability Index - Amott: Ambient conditions	Amott	1250
Wettability Index - USBM: Ambient conditions	USBM	1500

DNAPL MOBILITY TESTS

PTS specializes in the testing of materials from MGP, wood treating and creosote sites. All analyses and test packages listed above are available for DNAPL and DNAPL contaminated soil; add +25% to list price.

DNAPL submitted for fluid properties must be cleaned before analyses.

REMEDICATION SIMULATION

ISCO Bench Test Protocol: 14-Day reactor with various activations (AAP, H2O2, permanganate, etc.), available. Includes setup & parameter monitoring.	Proprietary	460
Soil Oxidant Demand Test; SOD & TOD available.	FMC/PTS	145
Soil Buffering Test: Standard ISCO protocol	Proprietary	145
Column Leaching Studies: Rigid or flexible wall column simulates water leaching through soil.	ASTM D4874	call
Water/LNAPL Relative Permeability: Unsteady-state; includes production history, endpoint saturations and relative permeability curve.	JBN	1395
Thermal Remediation: Steam drive or hot water	multiple	call
Endpoint Saturations: water displacing LNAPL	dynamic	875
Establish Initial LNAPL Saturation: Dynamic Drive	dynamic	300

CRYOGENIC CORE SHIPPING INFORMATION

PTS keeps large marine coolers in stock at our Santa Fe Springs, CA facility to be used by clients at no charge for the purpose of shipping core. Contact a Customer Service Representative to obtain our Core Handling and Shipping Recommendations.

PETROGRAPHIC SERVICES, STORAGE & MISC.

Petrographic and mineral analyses for characterizing soil and subsurface material. Call for additional services not listed.

Test Description	Method Reference	Unit Price
Standard Petrographic Thin Section Preparation	Proprietary	50
Thin Section Petrography: Qualitative & quantitative data available (does not include thin section prep.)	Proprietary	call
X-Ray Diffraction Analysis (XRD): Includes bulk & fine (clay) analysis	Proprietary	375
Energy Dispersive X-Ray Analysis: Semi-quant. elemental analysis for components >Na	N/A	110
Scanning Electron Microscopy (SEM): Specimens evaluated, photographed with emphasis on pore structure, clay, cement and paragenesis.	N/A	340
SEM / EDS Analysis	N/A	385
Petrographic services are provided through PTS Laboratories alliance partners.		

SAMPLE PICKUP & HANDLING

Sample pickup; No charge for jobs over \$1000 within 25 mile radius of PTS facility. Charged at \$2.25/mile after 25 miles.	45
Core Preservation Services; Cryogenic, ambient, or other.	call
Wellsite or field sampling technician 40 Hour OSHA trained.	call

SAMPLE STORAGE & DISPOSAL

Core storage, frozen/refrigerated; per foot or sample per month	4
Core storage, ambient; per foot or sample per month	2.5
Sample Storage for "Hold" samples; each per month	10
Fluid Storage Up to 1 liter; each per month (greater volumes call)	10
Core Disposal: non-contaminated continuous core; per foot	2
Disposal: petroleum hydrocarbon contaminated core; per foot	4
Sample Disposal (or return to site): DNAPL, hazardous, or chlorinated contaminated soil or fluid; shipping & handling	cost+20%
LNAPL Disposal, typical hydrocarbons (non-chlorinated), per liter	20
All samples are disposed or returned to client 30 days after completion of testing unless other arrangements are made. Samples received cryogenically preserved will be stored frozen at standard core storage rates from sample date of receipt. Each bag or jar sample will be charged disposal at per foot unit rates.	

MISCELLANEOUS & OTHER CHARGES

Cooler Return: minimum charge	30
Dry Ice; per pound	1.45
Cryogenic cores require LN2 plug cutting: per liquid nitrogen tank:	175
Sample return, shipping & handling	cost+20%
EDD (Electronic Data Deliverables): Electronic report + QA/QC pkg., MS Excel, PDF or similar format billed at 15% of analytical cost. Additional formats available by quotation.	
Web Hosting of project data on PTS Laboratories secure website after 90 days, per project per month billed at 0.5% of project cost.	
Rush Charges: Same Day +200%; 24-48 hr +100%; 2-3 working days +75%; 4-5 working days +50%; 6-9 working days +25% (Call: not all tests can be performed on a rush basis)	
EPA Health Level Surcharges: Level C +25%; Level B +50%	
Turnaround Time (TAT) varies and is dependent upon testing, preparation, lithology, and sample volume. For example 10-working day TAT starting next business day from sample receipt available for index properties, some individual tests and packages while capillarity pkg. requires 3-6 weeks. Please call for scheduling & availability.	

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For additional information, visit us on the web at www.ptslabs.com

Fee Schedule 2016 through end of contract

SubSurface Surveys & Associates, Inc.

2075 Corte Del Nogal, Suite W | Carlsbad, California 92011

Office: (760) 476-0492

Fax: (760) 476-0493

Description	Billing Unit	Amount ¹
Basic Geophysical Surveying* (Cost of Crew)	Hourly	\$ 280.00
Advanced Geophysical Surveying** (Cost of Crew)	Hourly	\$ 325.00
Vibration/Blast Monitoring (Cost of Crew)	Hourly	\$ 120.00
Rebar/Post-Tension Delineation (Cost of Crew)	Hourly	\$ 210.00
*Basic geophysical surveying includes: borehole clearance, utility locating, abandoned oil well and UST detection and locating, Ground Penetrating Radar, Electro-Magnetic, Magnetic and VLF surveys, soil resistivity surveys using the Wenner four electrode array.		
**Advanced geophysical surveying includes: seismic surveys (refraction and reflection, surface, down-hole, and cross-hole), Electrical Resistivity Imaging Surveys using the STING.		
Other Direct Costs		
Description	Billing Unit	Amount
Weekend, Nighttime ²	Lump Sum	25% Increase
Overtime ³	Lump Sum	25% Increase
Presite Visits	Hourly	\$ 60.00
Seismic Tomography Processing	Per Line	\$ 100.00
Per Diem (only charged on out of town projects)	Night	\$ 140.00
Service Area Mobilization (Basic Geophysical Surveying) ⁴	Daily	\$ 280.00
Service Area Mobilization (Advanced Geophysical Surveying) ⁴	Daily	\$ 400.00
Service Area Mobilization (Blast/Vibration Monitoring) ⁴	Daily	\$ 240.00
Service Area Mobilization (Rebar/Post-Tension Surveying) ⁴	Daily	\$ 240.00
Out of Service Area Mobilization ⁵ (Basic Geophysical Surveying)	Hourly (one way)	\$ 150.00
Out of Service Area Mobilization ⁵ (Advanced Geophysical Surveying)	Hourly (one way)	\$ 225.00
Out of Service Area Mobilization ⁵ (Blast/Vibration Monitoring)	Hourly (one way)	\$ 120.00
Out of Service Area Mobilization ⁵ (Rebar/Post-Tension Surveying)	Hourly (one way)	\$ 120.00
Footnotes		
¹ All costs are a turnkey rate, including a professional report with appropriate graphics		
² Nighttime rates will be applied to all field hours and mobilization rates during the times of 6:00pm to 6:00am.		
³ Overtime rates will be applied to all field hours in excess of 8 field hours worked in any one day.		
⁴ Mobilization to project sites located within 2 hours of Carlsbad, CA		
⁵ Mobilization to "Out of Service Area" projects sites located more than 2 hours from our office location.		

Wayne Perry, Inc.
Prevailing Wage Rate Sheet
June 2016
AMEC Foster Wheeler/LA County DPW



<u>Work Classification</u>	<u>Hourly Rate</u>	<u>Overtime</u>	<u>Premium</u>
		<u>Rate</u>	<u>Rate</u>
Principal Professional	\$ 138.00	N/A	N/A
Senior Professional	\$ 115.00	N/A	N/A
Project Manager	\$ 95.00	N/A	N/A
Associate Professional	\$ 78.00	N/A	N/A
Staff Professional	\$ 70.00	N/A	N/A
Junior Professional	\$ 65.00	N/A	N/A
Senior Health & Safety Officer	\$ 138.00	N/A	N/A
Health & Safety Officer	\$ 95.00	N/A	N/A
Senior Technician	\$ 75.00	\$ 112.50	\$ 150.00
Technician	\$ 65.00	\$ 97.50	\$ 130.00
Senior CADD/Graphics Operator	\$ 70.00	\$ 105.00	\$ 140.00
CADD/Graphics Operator	\$ 62.00	\$ 93.00	\$ 124.00
Administrator/Clerical	\$ 59.00	\$ 88.50	\$ 118.00
Research Clerk	\$ 48.00	\$ 72.00	\$ 96.00
Laborer (Prevailing Wage)	\$ 75.00	\$ 112.50	\$ 150.00
Equipment Operator (Prevailing Wage)	\$ 99.00	\$ 148.50	\$ 198.00
Foreman / Mechanic Lead (Prevailing Wage)	\$ 104.00	\$ 156.00	\$ 208.00
Superintendent	\$ 95.00	\$ 142.50	\$ 190.00

<u>Backhoes / Excavators (w/o operator)</u>	<u>Hourly Rate</u>		
555 Ford / JD 310 (or similar)	\$ 72.00		
755 Ford (or similar)	\$ 93.00		
UH122 Track Excavator (or similar)	\$ 93.00		
Guzzler Vacuum Excavator	\$ 135.00		

<u>Loaders (w/o operator)</u>	<u>Hourly Rate</u>		
Skidsteer - Bobcat 700 Series	\$ 52.00		
555 Rubber Tire or Track (or similar)	\$ 57.00		
444 JD Articulated Tire (or similar)	\$ 55.00		

<u>Dump Trucks / Flatbeds (w/o driver)</u>	<u>Hourly Rate</u>		
Flatbed Dump	\$ 80.00		
8 Yard Dump	\$ 92.00		
10 Yard Dump	\$ 105.00		
End Dump	\$ 110.00		

Wayne Perry, Inc.
Prevailing Wage Rate Sheet
June 2016
AMEC Foster Wheeler/LA County DPW

<u>Miscellaneous Operated Equipment (w/ operator)</u>	<u>Hourly Rate</u>	<u>Overtime</u>	<u>Premium</u>
Service Rig w/ Tank Trailer (Prevailing Wage)	\$ 175.00	\$ 218.75	\$ 262.50
Air Knife w/ support trailer (Prevailing Wage)	\$ 225.00	\$ 281.25	\$ 337.50
Well Abandonment Grout Rig (Prevailing Wage)	\$ 250.00	\$ 312.50	\$ 375.00
GPS Surveying (Non Registered Professional)	\$ 125.00	\$ 156.25	\$ 187.50
Ground Penetrating Radar	\$ 125.00	\$ 156.25	\$ 187.50

<u>Equipment & Misc Rates</u>	<u>Daily</u>
Vehicle - light duty	\$ 78.00
Vehicle - heavy duty	\$ 110.00
Support Truck	\$ 125.00
Hydraulic Breaker for Backhoe/Bobcat	\$ 280.00
Hydraulic Breaker for Track Excavator	\$ 385.00
Jumping Jack Compactor	\$ 65.00
Trench Roller	\$ 240.00
Generator, <15 kW	\$ 85.00
Laser Level	\$ 150.00
Small Air Compressor	\$ 125.00
185 cfm Air Compressor (w/ Jack Hammer)	\$ 85.00
Forklift	\$ 185.00
Victaulic Groover Machine	\$ 85.00
Trailer Mounted Traffic Signboard	\$ 150.00
On-site Traffic Control Equipment (Fuel Station)	\$ 75.00
Concrete Mixer	\$ 35.00
Steam Cleaner	\$ 90.00
Tank Trailer	\$ 160.00
Groundwater Pump w/ variable freq. drive	\$ 160.00
Air Product Recovery Pump w/ compressor	\$ 80.00
Micro-purge Pump w/ air compressor & controliner	\$ 300.00
Gas Tech LEL / O2	\$ 60.00
OVA / PID	\$ 85.00
Foxboro (FID)	\$ 140.00
Horiba CO/HA Analyzer	\$ 35.00
Oxygen Analyzer	\$ 55.00
Turbidity Meter	\$ 85.00
pH / Conductivity Meter	\$ 45.00
Draeger Quantimeter	\$ 90.00
Draeger Sampler	\$ 25.00
Sampling Chamber	\$ 30.00
Air Sampling Pump	\$ 10.00
ORS Interface Probe (or similar)	\$ 85.00
Water Level Meter (or similar)	\$ 30.00
Hermit 1000B Data Logger	\$ 150.00
Subsistence, Lodging	\$ 125.00
Subsistence, Food	\$ 45.00

Wayne Perry, Inc.
Prevailing Wage Rate Sheet
June 2016
AMEC Foster Wheeler/LA County DPW

<u>Miscellaneous Rates</u>	<u>Unit</u>
Saw Cutting duing Air Knifing -Asphalt (per boring)	\$ 125.00
Saw Cutting duing Air Knifing -Concrete (per boring)	\$ 235.00
Air Knife temporary backfill material - sand, gravel, concrete or asphalt (per bag)	\$ 15.00
Well Box Screws (per well lid)	\$ 5.00
Locking Well Cap (per cap)	\$ 32.00
Well Lid Gasket (per gasket)	\$ 12.00
Pad Lock (per lock)	\$ 20.00
Drum, DOT 55-gallons (per drum)	\$ 55.00
Drum, DOT 30-gallons (per drum)	\$ 38.00
En-core Soil Sampler (per soil sample)	\$ 17.00
Tedlar Bag (per bag)	\$ 13.00
O&M Bag Filter (per filter)	\$ 10.00
Material/Third Party Subcontractor Markup	0%

The rates above are intended for use by AMEC Foster Wheeler and apply exclusivley to work completed under the LA County DPW contract. These rates are valid from the date of the contract signing between AMEC Foster Wheeler and LA County DPW, until the contract is complete. Time incurred by individuals working over 8 hours in a day will be charged at time and one half. All professional classifications will be charged at a straight time rate at all times.