

CONSULTING SERVICES AGREEMENT

(To be used only for Architectural, Engineering or Land Surveying Services.)

1. Parties. The parties to this Consulting Services Agreement ("Agreement"), listed below, mutually agree and promise as follows:

(a) Agency: (select one)

- Contra Costa County for its Department named below
- Contra Costa County Flood Control and Water Conservation District
- Contra Costa Fire Protection District
- East Contra Costa Fire Protection District
- Housing Authority of the County of Contra Costa
- Contra Costa County Redevelopment Agency

(i) Department (if applicable): Public Works Department

(ii) Department Head means the individual named below or his or her designee (select one):

- Director of General Services
- Public Works Director/Chief Engineer
- Fire Chief
- Housing Authority Executive Director
- Deputy Director - Redevelopment

(iii) Agency Mailing Address: Design Division
255 Glacier Drive
Martinez, CA 94553
Attn: John Pulliam

(b) Consultant's Name & Address: ENGEO Incorporated
2010 Crow Canyon Place, Suite 250
San Ramon, CA 94583-4634
Attn: Daniel S. Haynosch, GE

(i) Type of Business Entity: Corporation
(e.g., individual, corporation, sole proprietorship, partnership, limited liability company)

If corporation, add State of incorporation: California

(ii) Federal Taxpayer I.D. or SSN: 94-1748418

(iii) License Number: C26546, GE387: Daniel S. Haynosch

2. Project Name, Number, & Location: On-Call Geotechnical Engineering Consulting Services
Various Project Numbers
Various Project Locations

3. Term. The effective date of this Agreement is December 15, 2009. It terminates on December 14, 2011 unless sooner terminated as provided herein.

4. Payment Limit. Payments under this Agreement cannot exceed: \$150,000.

revised to
12/13/12 per
Am No. 1

5. Legal Authority. This Agreement is entered into under and subject to Government Code Section 4525 or Section 31000, or:
- Health and Safety Code Section 13861 (*Fire Protection Districts*)
 - Health and Safety Code Section 34314 (*Housing Authority*)
 - Health and Safety Code Section 33125 (*Redevelopment Agency*)
6. Attachments. The following documents are attached to this Agreement and incorporated herein by reference, and all references to this Agreement include all of the terms in each of the attached documents:
- ✓ General Conditions (*always attached*)
 - ✓ Appendix A: Scope of Services (*always attached*)
 - ✓ Appendix B: Payment Provisions (*always attached*)
 - ✓ Appendix C: Project Personnel (*always attached*)
 - ✓ Special Conditions
7. Signatures. These signatures attest the parties' agreement hereto:

CONSULTANT

SIGNATURE A

Consultant's Name: ENGEO Incorporated
a California corporation.
(Type of business entity)

By [Signature]
(Signature of individual or officer)
Uri Eliahu, President
(Print name and title, if applicable)

SIGNATURE B

By [Signature]
(Signature of individual or officer)
Lora Dominick, Controller
(Print name and title, if applicable)

Note to Consultant: For corporations, two officers must sign the Agreement. The first signature (Signature A) must be that of the chairman of the board, president, or vice-president; the second signature (Signature B) must be that of the secretary, assistant secretary, chief financial officer, or assistant treasurer. (Civil Code Section 1190 and Corporations Code Section 313.) The acknowledgment below must be signed by a Notary Public.

ACKNOWLEDGMENT

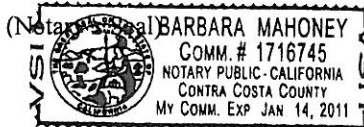
State of California)
County of Contra Costa)

On November 30, 2009, before me, Barbara Mahoney, Notary Public, personally appeared Uri Eliahu, President and Lora Dominick, Controller (insert name(s) and title(s) of the officer(s) signing on behalf of the Consultant), 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

Barbara Mahoney
Signature



AGENCY

(a) If Agreement is approved by Agency governing body (required if Payment Limit exceeds \$100,000):

AGENCY,

By  _____
Board Chair/Designee

ATTEST: Clerk of the Board of Supervisors

By _____
Deputy

(b) If Agreement is approved by County Purchasing Agent:

AGENCY,

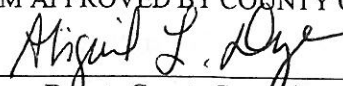
By _____
County Purchasing Agent or Designee

COUNTY APPROVALS

RECOMMENDED BY DEPARTMENT

By  _____
Designee

FORM APPROVED BY COUNTY COUNSEL

By  _____
Deputy County Counsel

APPROVED: COUNTY ADMINISTRATOR

By  _____
Designee

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8. Employment/Scope of Service. Agency hereby employs Consultant, and Consultant accepts such employment, to perform the professional services as described in Appendix A (Scope of Services), upon the terms and in consideration of the payments stated herein.
9. Report Disclosure Section. Pursuant to Government Code Section 7550, Consultant shall include in all documents or written reports completed and submitted to Agency in accordance with this Agreement, a separate section listing the numbers and dollar amounts of all contracts and subcontracts relating to the preparation of each such document or written report. This section only applies if the Payment Limit of this Agreement exceeds \$5,000. If multiple documents or written reports are the subject or product of this Agreement, the disclosure section may also contain a statement indicating that the total Agreement amount represents compensation for multiple documents or written reports.
10. Insurance. Consultant may not commence work under this Agreement until it has furnished evidence of the insurance required herein to the Department Head, and the Department Head has approved it, and may not continue to perform any work under this Agreement if the insurance required herein is no longer in effect.
- (a) Types and Amount of Insurance: Consultant shall, at no cost to Agency, obtain and maintain during the term hereof: (i) Workers' Compensation Insurance pursuant to state law, including, without limitation, California Labor Code section 3700; (ii) Professional Liability Insurance with a minimum coverage limit of \$1,000,000 for claims made in the aggregate annually and a maximum self-insured retention or self-insured retained limit of liability of \$25,000, for all damages or losses because of errors, omissions or malpractice arising out of the provision of professional services by Consultant and Consultant's subconsultants under this Agreement; and (iii) liability insurance with a minimum coverage limit of \$5,000,000 for claims made in the aggregate annually for all personal injury and property damage, to include liability assumed under this Agreement, the use of any licensed motor vehicle by Consultant or subconsultants, and naming Agency, its governing body, officers and employees as additional insureds.
- (b) Certificate of Insurance: Prior to the effective date of this Agreement, Consultant shall furnish to the Department Head certificates of insurance evidencing the coverage required herein and requiring 30 days' written notice to Agency of policy lapse, cancellation or material change in coverage. If Consultant renews the insurance policy(ies) or acquires a new insurance policy(ies) or amends the coverage through an endorsement to the policy(ies) at any time during the term of this Agreement, then Consultant shall provide current certificate(s) to the Department Head.
- (c) Warranty: Consultant represents and warrants that, as of the effective date of this Agreement, Consultant is not aware of any situation that has occurred that could reduce the limits of liability set forth above for claims made under this Agreement.
- (d) Labor Code Section 1861 Certification: In executing this Agreement, Consultant certifies as follows: "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."
11. Payment. Agency shall pay Consultant for professional services performed as described in Appendix A at the rates shown in Appendix B, which include all overhead and incidental expenses, for which no additional compensation will be allowed. Notwithstanding the foregoing, Agency shall reimburse those incidental expenses specifically itemized in Appendix B, provided that Consultant submits copies of receipts and, if applicable, a detailed mileage log to the Department Head. In no event may the total amount paid to Consultant exceed the Payment Limit specified in Section 4. Payment Limit without Agency's prior written approval.
- (a) Billing Statements: Consultant shall submit billing statements in the manner and form prescribed by the Department Head detailing the work performed and listing, for each item of services, the employee categories, hours and rates. Except as otherwise provided in the Scope of Services, Consultant shall submit the billing statements no later than 30 days from the end of the month in which the services described in the billing statement were actually rendered. Except as provided in subsections (b) – (d) below, Agency will endeavor to pay Consultant within 30 days after receipt of each statement.
- (b) Documentation: Consultant shall furnish progress reports with each billing statement at no additional charge. Consultant shall include sufficient detail in each progress report, and shall furnish to the Department Head whatever additional information is

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necessary, to enable the Department Head to determine whether Consultant is performing all tasks described in the Scope of Services pursuant to the schedule set forth in the Scope of Services.

(c) Penalty for Late Submission: If Agency is unable to obtain reimbursement from the state or federal government as a result of Consultant's failure to submit to Agency a timely billing statement as set forth above, Agency will not be obligated to pay Consultant for the services included in the late billing statement.

(d) Right to Withhold: Agency may withhold payment to Consultant following written notice to Consultant that: (i) Consultant has failed to fully perform its obligations under this Agreement (including, without limitation, any failure to submit required deliverable items according to the schedule set forth in the Scope of Services); (ii) Consultant has neglected, failed, or refused to furnish information or cooperate with any inspection, review, or audit of its work or records; or (iii) Consultant has failed to sufficiently itemize or document its billing statement.

(e) Audit Exceptions: Consultant accepts responsibility for receiving, replying to, and/or complying with any audit exceptions by appropriate county, state or federal audit agencies resulting from its performance of this Agreement. Within 30 days of demand, Consultant shall pay Agency the full amount of Agency's obligation to the state and/or federal government resulting from any audit exceptions that are attributable to Consultant's failure to properly perform any of its obligations under this Agreement.

(f) Payment Retention: Agency may retain 10% of each billing statement as security for the fulfillment of this Agreement. After Consultant has completed all services as required under this Agreement, submitted final billing, and if the Department Head has determined that the services have been completed in accordance with this Agreement, Agency will release all withheld funds.

12. Extra Work. Any work or services in addition to the work or services described in the Scope of Services that Agency deems necessary to properly complete the work or services described in Scope of Services shall be performed by Consultant at the direction of Agency according to the rates or charges listed in Appendix B. In the event that no rate or charge is listed for a particular type of extra work, Consultant will be paid for the extra work at a rate to be mutually agreed on prior to the commencement of the extra work. In no event will Consultant be entitled to compensation for extra work unless, prior to commencement of the extra work, Agency has executed a written amendment describing the extra work and payment terms in accordance with Section 24. Amendments.
13. Time for Completion. Consultant shall complete all services covered by this Agreement no later than the end of the term as set forth above. Notwithstanding the foregoing, to the extent the Scope of Services provides for the phasing of services, Consultant shall complete all services for each phase of the project by the deadlines stated in the Scope of Services.
14. Termination by Agency. At its option, Agency may terminate this Agreement at any time by written notice to Consultant, whether or not Consultant is then in default. Upon such termination, Consultant shall, without delay, deliver to Agency all materials and records prepared or obtained in the performance of this Agreement, and Agency shall pay Consultant, without duplication, all amounts due for the services rendered up to the date of termination.
15. Abandonment by Consultant. If Consultant ceases performing services under this Agreement or otherwise abandons the project prior to completing all of the services described in this Agreement, Consultant shall, without delay, deliver to Agency all materials and records prepared or obtained in the performance of this Agreement. Agency shall pay Consultant the amount it determines to be the reasonable value of the services performed up to the time of cessation or abandonment, less a deduction for any damages or additional expenses which Agency incurs as a result of such cessation or abandonment.
16. Ownership of Documents. All materials and records of a finished nature, such as final plans, specifications, reports, and maps, prepared or obtained in the performance of this Agreement, shall be delivered to and become the property of Agency. Consultant shall retain, and make available to Agency in accordance with Section 17. Record Retention and Auditing, all materials of a preliminary nature, such as survey notes, sketches, preliminary plans, computations and other data, prepared or obtained in the performance of this Agreement.
17. Record Retention and Auditing. Except for materials and records delivered to Agency, Consultant shall retain all materials and records prepared or obtained in the performance of this Agreement, including financial records, for a period of at least five years after Consultant's receipt of the final payment under this Agreement. Upon request by Agency, Consultant shall promptly make such materials and records available to Agency, or to authorized representatives of the state and federal governments, at a

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convenient location within Contra Costa County designated by the Department Head, at no additional charge and without restriction or limitation on their use.

18. Independent Contractor Status. The parties intend that Consultant, in performing the services specified herein, is acting as an independent contractor and that Consultant will control the work and the manner in which it is performed. This Agreement is not intended and may not be construed to create the relationship between the parties of agent, servant, employee, partnership, joint venture or association. Additionally, Consultant is not entitled to participate in any pension plan, workers' compensation plan, health plan, insurance, bonus or similar benefits Agency provides to its employees. In the event that Agency exercises its right to terminate the Agreement, Consultant expressly agrees that it will have no recourse or right of appeal under any rules, regulations, ordinances or laws applicable to employees.
19. Breach. If Consultant fails to perform any of the services described in this Agreement in the manner and timeframe set forth in the Scope of Services or otherwise breaches this Agreement, Agency may pursue all remedies provided by law or equity. Disputes relating to the performance of this Agreement are not subject to non-judicial arbitration.
20. Compliance with Laws. In performing this Agreement, Consultant shall comply with all applicable laws, statutes, ordinances, rules and regulations, whether federal, state, or local in origin, including, but not limited to, licensing and purchasing practices, and wages, hours and conditions of employment, including nondiscrimination and prevailing wage rates and their payment in accordance with California Labor Code Section 1775. If any federal or state regulations or laws touching upon the subject of this Agreement are adopted or revised during the term hereof, this Agreement will be deemed amended and Consultant will comply with such federal or state requirements.
21. Assignment. Consultant may not assign or transfer this Agreement, in whole or in part, whether voluntarily, by operation of law or otherwise; provided, however, Consultant may, subject to any required state or federal approval, enter into subcontracts for the portion of the services for which Consultant does not have the facilities to perform so long as Consultant obtains the Department Head's written consent to such subcontracting prior to execution of this Agreement. The Department Head may withhold consent to any proposed subcontract in his or her sole and absolute discretion. Any purported assignment, transfer or subcontract that does not comply with the terms hereof is void.
22. Endorsement on Plans. Consultant shall endorse all plans, specifications, estimates, reports and other items described in Scope of Services prior to delivering them to Agency, and, where appropriate, indicate his or her registration number.
23. Works Made for Hire. All reports, original drawings, graphics, plans, studies, and other data and documents, in whatever form or format, assembled or prepared by Consultant or Consultant's subcontractors, consultants, and other agents in connection with this Agreement are "works made for hire" (as defined in the Copyright Act, 17 U.S.C.A., Sections 101 *et seq.*, as amended) for Agency, and Consultant unconditionally and irrevocably transfers and assigns to Agency all right, title, and interest, including all copyrights and other intellectual property rights, in or to the works made for hire. Unless required by law, Consultant shall not publish, transfer, discuss, or disclose any of the above-described works made for hire or any information gathered, discovered, or generated in any way through this Agreement, without Agency's prior express written consent. If any of the works made for hire is subject to copyright protection, Agency reserves the right to copyright such works and Consultant agrees not to copyright such works. If any works made for hire are copyrighted, Agency reserves a royalty-free, irrevocable license to reproduce, publish, and use the works made for hire, in whole or in part, without restriction or limitation, and to authorize others to do so.
24. Indemnification. Consistent with California Civil Code section 2782.8, Consultant shall, to the fullest extent permitted by law, indemnify, protect, defend and hold harmless Agency, and its employees, officials, and agents, from any and all demands, losses, claims, costs, liabilities, and expenses for any damage, injury, or death, including any and all administrative fines, penalties or costs imposed as a result of an administrative proceeding, that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of Consultant, its officers, employees, agents, contractors, subconsultants, or any persons under its direction or control. If requested by Agency, Consultant shall defend any such suits at its sole cost and expense. If Agency elects to provide its own defense, Consultant shall reimburse Agency for any expenditures, including reasonable attorneys' fees and costs. Consultant's obligations under this section exist regardless of concurrent negligence or willful misconduct on the part of Agency or any other person; provided, however, that Consultant will not be required to indemnify, including the cost to defend, Agency for the proportion of liability a court determines does not arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of Consultant, its officers, employees, agents, contractors, subconsultants, or any persons under its direction or control. This indemnification clause will survive the termination or expiration of this Agreement.

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25. Endorsements. Consultant may not, in its capacity as a Consultant with Agency, (a) publicly endorse or oppose the use of any particular brand name or commercial product without the prior approval of Agency's governing body, (b) publicly attribute qualities or lack of qualities to a particular brand name or commercial product in the absence of a well-established and widely accepted scientific basis for such claims or without the prior approval of Agency's governing body or (c) participate or appear in any commercially-produced advertisements designed to promote a particular brand name or commercial product, even if Consultant is not publicly endorsing a product, as long as Consultant's presence in the advertisement can reasonably be interpreted as an endorsement of the product by or on behalf of Agency. Notwithstanding the foregoing, Consultant may express its views on products to other consultants, to Agency's governing body or its officers, or to others who may be authorized by Agency's governing body or by law to receive such views.
26. Project Personnel. In performing the services authorized under this Agreement, Consultant shall use the personnel listed in Appendix C. Consultant may only make changes in project personnel and authorized subconsultants with the Department Head's prior written consent, and Consultant shall notify the Department Head in writing at least thirty (30) days in advance of any proposed change. Any person proposed as a replacement shall possess training, experience, and credentials comparable to those of the person being replaced.
27. Inspection. Authorized representatives of Agency, the State of California and the United States Government may monitor, inspect, review and audit Consultant's performance, place of business and records pertaining to this Agreement.
28. Conflicts of Interest. Consultant covenants that it presently has no interest and that it will not acquire any interest, direct or indirect, that represents a financial conflict of interest under state law or that would otherwise conflict in any manner or degree with the performance of its services hereunder. Consultant further covenants that in the performance of this Agreement, Consultant will employ no person having any such interest. If requested to do so by Agency, Consultant shall complete a "Statement of Economic Interest" form and deliver it to the Department Head and shall require any other person doing work under this Agreement to complete a "Statement of Economic Interest" form and deliver it to the Department Head. Consultant covenants that Consultant, its employees and officials, are not now employed by Agency and have not been so employed by Agency within 12 months immediately preceding this Agreement; or, if so employed, did not then and do not now occupy a position that would create a conflict of interest under Government Code Section 1090. In addition to any indemnity provided by Consultant in this Agreement, Consultant shall indemnify, defend and hold Agency harmless from any and all claims, investigations, liabilities or damages resulting from or related to any and all alleged conflicts interest.
29. Nonrenewal. Consultant understands and agrees that there is no representation, implication, or understanding that the services provided by Consultant under this Agreement will be purchased by Agency under a new contract following expiration or termination of this Agreement, and Consultant waives all rights or claims to notice or hearing respecting any failure to continue purchasing all or any such services from Consultant.
30. Professional Competence; Licensure. Consultant represents and warrants that it is (i) professionally competent and able to provide the professional services described in this Agreement by reason of Consultant's personal knowledge and skill, and (ii) currently licensed, and will remain licensed in good standing at all times during the term of this Agreement, as one of the following: (a) an architect pursuant to Chapter 3 (commencing with Section 5500) of Division 3 of the California Business and Professions Code; (b) a landscape architect pursuant to Chapter 3.5 (commencing with Section 5615) of Division 3 of the California Business and Professions Code; (c) a professional engineer pursuant to Chapter 7 (commencing with Section 6700) of Division 3 of the California Business and Professions Code; or (d) a professional land surveyor pursuant to Chapter 15 (commencing with Section 8700) of Division 3 of the California Business and Professions Code.
31. Notices. All notices under this Agreement must be in writing, and, except as otherwise provided in the Scope of Services, sent by personal delivery (including overnight courier service) or by certified United States Mail, postage prepaid, to the parties at the addresses designated above, unless changed by written notice to the other party. Consultant shall address all notices to Agency to the Department Head. The effective date of the notice is the date of deposit in the mail or of other delivery, except that the effective date of notice to Agency is the date of receipt by the Department Head.
32. Amendments. This Agreement may be amended only by written agreement signed by both of the parties.
33. Disputes. Disagreements between Agency and Consultant concerning the meaning, requirements or performance of this Agreement are subject to final written determination of the Department Head or in accordance with the applicable procedures (if any) required by state or federal government.

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34. Choice of Law and Personal Jurisdiction. This Agreement is made in Contra Costa County and is governed by, and will be construed in accordance with, the laws of the State of California. The parties, to the fullest extent permitted by law, knowingly, intentionally, and voluntarily, with and upon the advice of competent counsel, submit to personal jurisdiction in the State of California over any suit, action or proceeding arising from or relating to the terms of this Agreement.
35. No Implied Waiver. No waiver of any provision of this Agreement by Agency is valid unless it is in writing and signed by Agency. Waiver by Agency at any time of any breach of this Agreement may not be deemed a waiver of or consent to a subsequent breach of the same or any other provision of this Agreement. If Consultant's action requires the consent or approval of Agency, that consent or approval on one occasion may not be deemed a consent to or approval of that action on any later occasion or a consent to or approval of any other action. Subject to Section 33. Disputes above, inspections, approvals or statements by any officer, agent or employee of Agency indicating Consultant's performance or any part thereof complies with the requirements of this Agreement, or acceptance of the whole or any part of Consultant's performance, or payments therefor, or any combination of these acts, does not relieve Consultant of its obligation to fulfill this Agreement as prescribed or prevent Agency from bringing an action for damages or enforcement arising from any failure to comply with any of the terms and conditions of this Agreement.
36. Successors and Assigns. Subject to Section 21. Assignment, this Agreement binds Consultant's successors, assigns, heirs, executors and personal representatives.
37. No Third-Party Beneficiaries. This Agreement is intended solely for the benefit of the parties hereto, and no third party has any right or interest in any provision of this Agreement or as a result of any action or inaction of any party in connection therewith.
38. Construction. The section headings and captions of this Agreement are, and the arrangement of this instrument is, for the sole convenience of the parties to this Agreement. The section headings, captions and arrangement of this instrument do not in any way affect, limit, amplify or modify the terms and provisions of this Agreement. This Agreement may not be construed as if it had been prepared by one of the parties, but rather as if both parties have prepared it. The parties to this Agreement and their counsel have read and reviewed this Agreement and agree that any rule of construction to the effect that ambiguities are to be resolved against the drafting party does not apply to the interpretation of this Agreement.
39. Severability. If any term or provision of this Agreement is, to any extent, held invalid or unenforceable, the remainder of this Agreement will not be affected thereby.
40. Entire Agreement. This Agreement, together with all of the attachments listed in Section 6. Attachments, contains all of the terms and conditions agreed upon by the parties regarding the subject matter of this Agreement, and supercedes all previous communications, representations, understandings and agreements, whether verbal, written, express or implied, between the parties.
41. Authorization. Consultant, or the representative(s) signing this Agreement on behalf of Consultant, represents and warrants that Consultant has full power and authority to enter into this Agreement and to perform the obligations set forth herein, and that the representatives signing this Agreement have the authority to execute this Agreement on behalf of Consultant and to bind Consultant to its contractual obligations hereunder.

The following provisions apply to projects using US DOT funds.

42. Disadvantaged Business Enterprise (DBE) Requirements (Federal aid projects only). Consultant shall comply with all applicable provisions of 49 CFR, Parts 23 and 26, and the Contra Costa County's Disadvantaged Business Enterprise (DBE) Program, which are incorporated into this Agreement by reference. In addition, in performing services under this Agreement, Consultant shall utilize all DBEs listed in Consultant's written response to Agency's request for qualifications or request for proposal and shall pay to the listed DBEs the estimated amounts listed in Appendix B attached to this Agreement. Consultant shall not substitute a listed DBE at any time or decrease the amount to be paid to a listed DBE without the advance, written consent of Agency. If a listed DBE is proposed to be replaced, Consultant shall make a good faith effort to replace the original DBE with another DBE and shall submit to Agency written documentation of such effort.
43. Federal Cost Principles and Procedures (Federal aid projects only). Consultant shall comply with the following provisions, which are incorporated into this Agreement by reference: (a) the cost principles for allowability of individual items of costs set forth in 48 CFR, Chapter 1, Part 31; (b) the administrative procedures set forth in 49 CFR, Part 18; and (c) the administrative procedures for non-profit organizations set forth in OMB Circular A-110, if applicable to Consultant. In the event that payment is made to

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Consultant for any costs that are determined by subsequent audit to be unallowable under 48 CFR, Chapter 1, Part 31, Consultant shall refund the payment to Agency within 30 days of written request from Agency. Should Consultant fail to do so, and should Agency file legal action to recover the refund, Consultant shall reimburse Agency for all attorneys' fees, costs, and other expenses incurred by Agency in connection with such action.

44. Prohibition of Expending Local Agency State or Federal Funds for Lobbying (Federal aid in excess of \$100,000 only). In executing this Agreement, Consultant makes the following certification, which certification is a material representation of fact relied upon by Agency in entering into this Agreement:

- (a) Certification. To the best of Consultant's knowledge and belief:
- (i) No state, federal or local agency appropriated funds have been paid, or will be paid by or on behalf of Consultant to any person for influencing or attempting to influence an officer or employee of any state or federal agency, a member of the State Legislature or United States Congress, an officer or employee of the Legislature or Congress, or any employee of a member of the Legislature or Congress, in connection with the awarding of any state or federal contract, the making of any state or federal grant, the making of any state or federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any state or federal contract, grant, loan, or cooperative agreement.
 - (ii) If any funds other than federal appropriated funds have been paid, or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress, in connection with this federal contract, grant, loan, or cooperative agreement, Consultant shall complete and submit Form - LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.
- (b) Penalty for Failure to File Disclosure Form. Submission of the disclosure form is a prerequisite for making or entering into this Agreement imposed by Title 31 U.S.C. Section 1352. Any person who fails to file the required disclosure form shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.
- (c) Applicability to Subconsultants. In executing this Agreement, Consultant also agrees to require that the language of this Section 44 be included in all contracts with subconsultants which exceed 100,000, and that all such subconsultants shall certify and disclose accordingly.

(Remainder of page intentionally left blank.)

Appendix A Scope of Services

(On Call Geotechnical Engineering and Environmental Site Assessment Services)

1. OVERVIEW AND GENERAL REQUIREMENTS

A. Agency is involved in the review, design, construction, and maintenance of various public works of improvement throughout Contra Costa County. Projects range from simple maintenance-related projects, such as slurry sealing existing road pavements, to more complex capital road, airport, and flood control channel improvement projects. In executing these projects, Agency, at times, requires additional temporary services from persons specially trained, experienced, expert and competent to perform professional services, including geotechnical engineering and environmental site assessment services. For that reason, Agency is entering into this Agreement with Consultant. Under this Agreement, Consultant will provide geotechnical engineering and environmental site assessment services on an "on call" basis in support of a variety of road, airport and flood control projects throughout Contra Costa County. Examples of typical Agency projects and typical Consultant services covered by this Agreement are listed in Paragraphs 3 and 4 below.

B. As provided in Section 26. Project Personnel of this Agreement, subconsultants retained by Consultant must be authorized in advance, in writing, by Agency's Department Head. Consultant shall direct the tasks and activities of its authorized subconsultants and ensure that the tasks, activities and/or products required by this Agreement are completed in a timely manner and in accordance with the applicable standard of care for the given subconsultant. Notwithstanding the authorization for work to be performed by a particular subconsultant, Consultant is solely responsible for the performance of all services and delivery of all products under this Agreement.

C. Work shown or specified in reports, drawings, and specifications must comply with all requirements of the Contra Costa County Ordinance Code, applicable State and Federal codes and regulations, and the local fire district and utility companies or districts having jurisdiction over the project or area in which the project is located.

2. TASK ORDER PROCEDURES

A. TASK ORDERS

During the term of this Agreement, when Agency has a need for Consultant to provide geotechnical engineering or environmental site assessment services, Agency will forward a proposed Task Order (Appendix A – Attachment 1) to Consultant. Within the timeframe requested by Agency, Consultant will provide Agency with a cost proposal for the services and deliverables specified in the Task Order, including a written estimate of the number of hours per staff person, any anticipated reimbursable expenses, and total dollar amount. Once Agency and Consultant agree to a cost breakdown and commencement date for the services and deliverables identified in the Task Order (with a payment limit for the Task Order that does not cause the total payments under this Agreement to exceed the Payment Limit set forth in Section 4. Payment Limit of this Agreement), Consultant and Agency (through its Department Head) will execute the final version of the Task Order.

B. AUTHORIZED REPRESENTATIVES

During the term of this Agreement, the Department Head, on behalf of Agency, and the individuals listed below, on behalf of Consultant, are authorized to execute Task Orders under this Agreement.

Consultant may change the individuals authorized to execute Task Orders upon thirty (30) days advance written notice to Agency.

FOR CONSULTANT: Daniel S. Haynosoh, Principal
Raymond Skinner, Principal

Note: A Task Order is of no force or effect until it is signed by the Department Head. Consultant shall not commence work, and no expenditures are authorized, until the Department Head has executed a Task Order for the particular task and products at issue. Notwithstanding anything to the contrary, the Department Head is not authorized to execute a Task Order that causes the total payments under this Agreement to exceed the Payment Limit set forth in Section 4. Payment Limit of this Agreement.

3. TYPICAL AGENCY PROJECTS

During the term of this Agreement, Agency may call upon Consultant to provide environmental site assessment services under this Agreement for any Public Works project, and geotechnical engineering services under this Agreement for the following types of projects:

- Landside, slope, or roadway instability investigation, monitoring, and repair;
- Road projects requiring cut and fill;
- Eroding or failing creek bank investigation, monitoring, and repair, and scour repair at bridges;
- Retaining wall and drop structure construction or repair;
- Rock slope protection construction or repair;
- Appurtenant improvements such as guard railing, soundwalls, and permanent and temporary erosion control measures;
- Developer projects, such as subdivisions and associated infrastructure.

4. TYPICAL CONSULTANT SERVICES

During the term of this Agreement, Consultant will perform, at Agency's written request, the following types of geotechnical engineering services as further specified by Task Order:

- Investigative field work, sampling, research, and analysis to support design of wide range of geotechnical and structure elements, including:
 - Determining allowable bearing pressure for retaining walls and soundwalls;
 - Performing shrink/swell analysis;
 - Performing stability analysis for cut and fill slopes;
 - Determining groundwater table;
 - Determining R-Value;
 - Determining a variety of soil characteristics.
- Installing, monitoring, reporting on, and removing inclinometers and other such devices as necessary to measure soil creep;
- Installing, monitoring, reporting on, and removing piezometers and other such devices as necessary to measure ground water hydraulic head or other ground water characteristics;
- Geotechnical and structural designs and development of alternatives, such as soil nail walls, soldier pile-tieback walls, reinforced earth retaining walls, and mechanically stabilized earth retaining walls;
- Design of soft soil stabilization solutions, such as landscaping (willows, etc.) or soft armor solutions (turf reinforcement mat, etc.);
- Perform calculations and analysis as necessary to support the design for all types of road, flood control, airport, park, or other Public Works project which includes geotechnical or structural elements;

- Attend technical meetings;
- Provide engineering support during project bidding and construction;
- Perform peer review of geotechnical reports, plans, and calculations for a variety of structural and geotechnical elements, including improvements to road, airport and drainage infrastructure, including:
 - Verifying that standard engineering practice is utilized in the geotechnical analysis,
 - Confirming that the plans accurately reflect what was designed, and
 - Submitting comments in numbered bullet format and mark up plans as necessary;
- Perform quantity calculations, estimate unit bid prices, and prepare a list of bid items;
- Prepare Design Exception Fact Sheets when necessary;
- Provide necessary engineering and design information to County staff in support of environmental compliance and regulatory permitting;
- Prepare construction plans and special provisions, with the following types of plan sheets, as applicable, and submit them to the County for review at 35%, 65%, 95%, and 100% completion, unless otherwise instructed by the County;
- Plans will include one or more of the following types of plan sheets, as specified by County:
 - Typical Cross Sections,
 - Key Map and Line Index,
 - Layout,
 - Profile,
 - Construction Details, and
 - Contour Grading Plans;
- Provide final reproducible hardcopies and electronic files of plans (Microstation file format) and special provisions (Word file format);
- Prepare Project Study Reports;
- Work with County staff to develop and adhere to a Task Order work time schedule that meets County's requirements;
- Provide necessary management oversight and quality assurance to meet Task Order specified end product(s) (deliverables) within agreed schedule and budget;
- Collect and review all relevant data necessary to perform Task Order.

During the term of this Agreement, Consultant will perform, at Agency's written request, the following types of environmental site assessment services as further specified by Task Order:

I. Phase I Assessment

The Consultant shall conduct a Phase I Environmental Site Assessment (ESA) of the site in general conformance with American Society of Testing and Materials (ASTM) International standards E1527-015 or E2247-08, prepare an ESA Report, and attend meetings as requested by County staff.

A. Phase I ESA

1. Conduct reconnaissance of the project site area to visually check for signs of the generation, use, storage, and/or disposal of hazardous materials and wastes onsite, including but not limited to:
 - a) Aboveground or underground storage tanks;
 - b) Sumps and floor drains;
 - c) Chemical production, storage, or disposal areas; and
 - d) Discolored or stained surfaces.
2. Conduct surveys of surrounding properties from public streets to observe land uses in the project site area and check for indications of potential environmental problems on nearby properties.
3. Research the history and current use of project site. The research shall include, but not be limited to:
 - a) Reviewing copies of previous environmental documents for the site;

- b) Reviewing historical aerial photographs, maps, land use records, building department records, and business directories;
- c) Reviewing title and judicial records for environmental liens, activity, and/or use limitations;
- d) Reviewing of public records including, but not limited to, federal, state, tribal, local regulatory databases for the site as well as other adjacent properties within a ¼ mile radius; and
- e) Conducting interviews, as practicable and as necessary, with site representatives including owners, occupants, and site managers regarding the property uses and/or environmental condition.

B. Phase I ESA Report

1. Prepare a written report that describes the scope, methods used, results, conclusions and recommendation regarding the potential presence of recognized environmental contaminants at the site (as defined in the ASTM, Section E 1527-05).
2. The report will include a vicinity map, site plan, color photographs, and the regulatory agency database report.
3. The report shall be submitted to the County within two weeks of completing the field and research work.
4. County staff shall provide comments on the draft report. The Consultant shall make edits as requested and submit the final report within two weeks of receiving comments on the draft report.

C. Attend meetings with County staff and other agencies as necessary.

II. Phase II Assessment

Conduct Phase II Site Assessment, based on a Phase I ESA Report, to evaluate whether contaminants impact the project site.

A. Prepare the Sampling and Analysis Plan

1. Review the previously prepared Phase I Environmental Site Assessment.
2. Prepare a Sampling and Analysis Plan (SAP) that shall discuss the following aspects:
 - a) Obtain any necessary permits from the Contra Costa County (including Contra Costa County Health Department), the San Francisco Regional Water Quality Control Board (Regional Board), and/or the CA Dept. of Toxics and Substance Control (DTSC);
 - b) Determine the presence of existing underground utilities through Underground Service Alert (USA) and/or a private utility locator;
 - c) Narrow down and define contamination limits;
 - d) Sample of soil and/or groundwater, including the number and depth of borings;
 - e) Methods to
 - (i) Screen samples,
 - (ii) Assess the potential for lead and asbestos,
 - (iii) Address removal and disposal of creosote-coated bridge pilings,
 - (iv) Seal borings,
 - (v) Chemical testing protocols to evaluate samples;
 - f) Procedures to evaluate data;
 - g) Remediation options;
 - h) Construction procedures for dealing with contaminants;
 - i) A framework for a summary report.
3. The SAP shall be submitted to the County within two weeks of completing all field work and other research required to prepare the plan.
4. Attend a meeting with County and other agency staff (if needed) to discuss any comments regarding the sampling and analysis plan.
5. Revise the Analysis Plan to address County and/or agency comments and submit to County upon completion.

B. Implement Work Plan:

Upon approval of the Sampling and Analysis Plan by County, and once property access is secured, implement the SAP. Implementation of SAP to include (but not limited to) the following protocols:

1. Drill and sample at boring locations;
2. Screen samples;
3. Test for presence and concentration of agreed upon chemicals in soil and groundwater samples;
4. Arrange for laboratory analysis of the samples to evaluate data;
5. Attend one meeting with County staff and/or other agency staff to discuss the methodology, initial results, and potential recommendations outlined within the report.

C. Prepare a draft report within two weeks of completing the field sampling and laboratory analysis. The report shall include, but not be limited to, the following elements:

1. Introduction and background;
2. Purpose;
3. Site Conceptual Model;
4. Investigation Methodology;
5. Results of the Investigation;
6. Remediation plans;
7. Construction procedures;
8. Conclusions and Recommendations;
9. Tables and Figures.

D. Disposal of sampling materials

1. Soil cuttings and purging/cleaning water generated during field activities shall be stored in labeled appropriate containers either on-site or at a pre-approved location pending review of the analytical data results and discussions with County staff regarding appropriate disposition of the materials.
2. Alternatively the materials may be removed immediately and taken to an appropriate waste materials staging facility.
3. Upon completion of analytical testing all materials shall be disposed of at an appropriate facility.

5. PERFORMANCE STANDARDS

Consultant shall perform geotechnical engineering services in conformance with standard practices of care within the industry, and at the County's discretion, in compliance with the latest editions of design standards such as California Department of Transportation (Caltrans) Highway Design Manual, Caltrans Bridge Design Aids, Caltrans Bridge Design Specifications, Caltrans Bridge Memo To Designers, Caltrans Seismic Design Criteria, American Association of State Highway Transportation Officials (AASHTO) "A Policy on Geometric Design of Highways and Streets", the California Building Code (CBC), County design standards, Federal Aviation Administration (FAA) design standards, and any additional standards referenced in the Task Order. Consultant shall comply with Caltrans format standards for all products, such as preliminary and/or final plans (hardcopy and electronic, CADD files), technical specifications, calculations, foundation reports, and cost estimates as required by each Task Order. Cost considerations will not be deemed justification for breach of sound principles of engineering design. Consultant will remain solely responsible for the adequacy, fitness, and correctness of design and all designing work in accordance with sound and accepted engineering principles despite Agency's approval or acceptance of reports, plans, specifications, and any other product prepared by Consultant under this Agreement.

Consultant shall perform environmental site assessment services in conformance with standard practices of care within the industry, including select American Society of Testing and Materials

(ASTM) International standards, select California Code of Regulations regarding hazardous waste, the US Environmental Protection Agency's Risk Assessment Guidance for Superfund sites, US Environmental Protection Agency Methods, and any additional standards referenced in the Task Order Authorization or specified in the Consultant Task section of this Agreement.

Consultant shall comply with Caltrans' format standards for all products, such as preliminary and/or final plans (hardcopy and electronic, CADD files), technical specifications, calculations, and cost estimates as required by each Task Order Authorization.

6. PAYMENT DEMANDS

Consultant shall submit a written demand or invoice for the services provided under each Task Order either (i) upon completion of the services described in the Task Order if the services take less than one month to complete; or (ii) monthly, if the services under a Task Order take more than one month to complete. In each case, Consultant shall describe the work performed and list, for each item of services, the employee categories, hours and rates (consistent with the rates shown on Appendix B). All payment demands and payments hereunder are subject to Section 11. Payment of this Agreement.

7. NON-EXCLUSIVE AGREEMENT

Consultant acknowledges that this Agreement is not exclusive and that Agency may, at any and all times during the term of this Agreement, obtain civil engineering and other types of services from any appropriate source.

8. TIME

Consultant understands and agrees that time is of the essence in this Agreement. Consultant shall perform the services authorized under each Task Order expeditiously and with adequate forces and shall complete the services within the time specified in each Task Order.

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Appendix A - Attachment 1 Task Order

Pursuant to Paragraph 2 of Appendix A (Scope of Services) to that certain Consulting Services Agreement entered into as of December 15, 2009, between Agency and Consultant, and subject to all of the terms and conditions of the Consulting Services Agreement, Agency and Consultant agree as follows:

TASK ORDER NUMBER:

PROJECT NAME, NUMBER, LOCATION:

CONSULTANT'S NAME:

TASK/DELIVERABLES DESCRIPTION:

DETAILED SCOPE OF SERVICES: See Exhibit 1, attached hereto and incorporated herein.

COMMENCEMENT DATE FOR SERVICES:

SCHEDULE FOR SERVICES AND DELIVERABLES: See Exhibit 1.

DEADLINE FOR COMPLETION OF TASK SERVICES AND DELIVERABLES:

PAYMENT LIMIT: \$

AGENCY	CONSULTANT
By: _____ Department Head	By: _____ Authorized Representative
Date:	Date:

Appendix B - Payment Provisions

A. Payment for services will not exceed the billing rates set forth in Attachment 1 to this Appendix B and will be based on the actual hours worked (by Consultant and authorized subconsultants) and actual approved Other Direct Costs (described below) subject to the Payment Limit specified in Section 4. Payment Limit of this Agreement. In addition, payments for services (including payments to Consultant for authorized subconsultants) and Other Direct Costs will not exceed the following amounts for each phase or period indicated below unless approved in advance in writing by the Department Head:

1. _____ : \$ _____ (_____ % of Payment Limit)
2. _____ : \$ _____ (_____ % of Payment Limit)
3. _____ : \$ _____ (_____ % of Payment Limit)
4. _____ : \$ _____ (_____ % of Payment Limit)

B. Payment to Consultant for subconsultants authorized in advance by Agency in accordance with Section 21. Assignment of this Agreement will be the amount equal to Consultant's direct costs, without handling mark ups. Consultant shall submit subconsultant invoices as part of Consultant's bill for services.

C. Payments for the extra work specified in Section 12. Extra Work of this Agreement shall be computed separately and shall not exceed any limits specified in Agency's written amendment describing the extra work and payment terms for the extra work.

D. Subject to the Payment Limit in Section 4. Payment Limit of the Agreement, Agency will reimburse the actual cost (without mark up) of documented expenditures by Consultant and its employees and authorized subconsultants for the Other Direct Costs listed below to the extent such Other Direct Costs were incurred to perform the services described in this Agreement:

E. All other expenses (*i.e.*, those not listed under Paragraph D above) are not reimbursable and are deemed covered by the hourly billing rates set forth in Attachment 1. When any of the items listed under Paragraph D above are provided for Consultant's own use and not at Agency's request, expenses therefor are not reimbursable and are deemed covered by the hourly billing rates set forth in Attachment 1. Agency will not pay for Consultant's and its subconsultants' time and expenses for transportation between Consultant's and its subconsultants' various offices. Costs for such transportation are deemed covered by the hourly billing rates set forth in Attachment 1.

Appendix B - Attachment 1

Hourly Billing Rates

President	\$250.00	
Principal Engineer/Geologist	\$200.00	
Associate Engineer/Geologist	\$182.00	
Senior Engineer/Geologist	\$160.00	
Project Engineer/Geologist/Manager	\$140.00	
Staff Engineer/Geologist	\$120.00	
Construction Services Manager	\$125.00	
Senior Construction Services Technician	\$120.00	*/**
Construction Services Technician	\$108.00	*/**
Environmental Technician	\$ 95.00	*
Lab Technician/Manager	\$100.00	*
CAD Specialist	\$ 96.00	
Network Administrator	\$ 90.00	
Project Assistant	\$ 80.00	

* Overtime rates: Rates increased by a factor of 1.5 for all hours worked in excess of eight (8) Monday through Friday, and the first eight (8) hours worked on Saturday. Rates increased by factor of 2.0 for all hours worked in excess of twelve (12) Monday through Friday, all hours worked in excess of eight (8) on Saturday and all hours worked on Sunday and holidays.

** Rates increased by a factor of 1.25 for night shift hours (hours commencing after 4:00 p. m. or before 4:00 a.m.); rates increased by factor of 1.875 (an additional factor of 1.5) for all night shift hours in excess of eight (8).

EQUIPMENT AND MATERIALS CHARGES

DESCRIPTION	COST PER UNIT (\$)	UNIT	COMMENTS
12V/24V Water Sampling Pumps	100.00	day	
1850 W Generator	50.00	day	
55-Gallon Drums	40.00	Each	
Air Content Meter	5.00	hour	
Air Sample Bags	15.00	each	
Air Sampling Pump	25.00	day	
All-Terrain Vehicle (Mule)	25.00	hour	
Anchor Bolt Testing Device	8.00	hour	4 hr min
Bailers (Disposable)	6.50	each	
Basecamp Software	25.00	Month	
Brunton Transit	2.00	hour	
Camera - Digital	10.00	hour	
Camera - Disposable	6.00	each	
Camera - Underground	50.00	hour	
Camera - Video	10.00	hour	
Centrifugal Pump	75.00	day	
Civil Tech Shoring Suite	40.00	hour	
Concrete Bags - 50 lbs.	8.00	bag	
Conductivity, pH & Temp. Monitor	50.00	day	
Conductivity-Based Water Level Indicator	6.00	hour	
Coring - Concrete	85.00	hour	
Coring Machine with Generator	35.00	hour	4 hr min
Crack Monitor	20.00	each	
DC Purge Pump	25.00	day	
Diamond Bit Core Barrel - 2"	4.75	1/1000 in.	
Diamond Bit Core Barrel - 3"	5.25	1/1000 in.	
Diamond Bit Core Barrel - 4"	6.30	1/1000 in.	
Diamond Bit Core Barrel - 6"	7.50	1/1000 in.	
Diamond Bit Core Barrel - 8"	10.50	1/1000 in.	
Diaphragm Surface Pump	10.00	hour	
Dissolved O ₂ Meter	4.00	hour	
Electronic Water Level Indicator	10.00	day	
Equipment Transport(er)	100.00	hour	
Exploration Equipment	50.00	hour	
EZFRISK	250.00	day	
Field Communication Equipment	2.00	hour	
Floor Flatness Testing Device	16.00	hour	
Floor Level Equipment	10.00	hour	
Generator	100.00	day	
Geotechnical Analysis Software	40.00	hour	
GPS Field Grade (Trimble GEO EXP3)	18.00	hour	
GPS Hand Held	25.00	day	
GPS Mapping Grade (Trimble PRO XRS)	30.00	hour	
Trimble Survey Grade GPS	90.00	hour	4 hr min
Hand Auger and Soil Sampler	100.00	day	
Hard Hat	10.75	each	
Health Risk Calculations Software	40.00	hour	
Hydrocarbon Test Kit	40.00	each	
Hydrogen Peroxide Test Kit	5.00	hour	
Hydrologic Analysis Software	15.00	hour	
Ice	3.00	bag	
Inclinometer	6.90	each	
Interface Probe	100.00	day	
Level B Protection	263.00	day/person	
Level C Protection	168.00	day/person	
Level D Protection	38.00	day/person	
Level D Protection (Modified)	28.00	day/person	
Magnetic Particle Equipment	5.00	hour	
Mason Jars	2.00	jar	
Methane Meter	200.00	day	
Moisture Content Testing Device	5.00	hour	
Multi-parameter Water Meter	10.00	hour	

DESCRIPTION	COST PER UNIT (\$)	UNIT	COMMENTS
Nuclear Density Gauge	14.00	hour	
pH Meter	3.00	hour	
Photo Ionization Detector	125.00	day	
Pondpac	50.00	hour	
Pressured Bailers with Filters	25.00	each	
Pump - Diaphragm Surface	10.00	hour	
R Meter (Pachometer)	6.00	hour	4 hr min
Range Finder	2.00	hour	
Rediflow Pump with Generator	200.00	day	
Resistivity Meter	10.00	hour	
Retaining Wall Software	15.00	hour	
Riprap Design	25.00	hour	
Sampling Tubes	5.00	each	
Sand Cone Equipment and Material	25.00	day	
Scheduling Software	15.00	hour	
Schmidt Hammer	10.00	hour	
Seismic Analysis Software	40.00	hour	
Seismograph	25.00	hour	
Sitework Modeling Software	50.00	hour	
Skidmore Wilhelm Bolt Tension Calib.	5.00	hour	8 hr min
Slope Indicator (Inclinometer)	40.00	hour	
Sondex Instrument	35.00	hour	
Submersible Pump	100.00	day	
Technician equipment, vehicle and wireless communication	19.00	hour	
Technician vehicle and wireless communication	7.00	hour	
Terramodel	14.00	hour	
Thermometer - Analog	2.00	hour	
Thermometer - Digital	5.00	hour	
Thin Lift Nuclear Asphalt Gauge 3450	15.00	hour	
Torque Wrench	5.00	hour	4 hr min
Track-Mounted Carryall	12.50	hour	
Tramex Moisture Meter	5.00	hour	
Transfer Pump	25.00	day	
Turbidity Meter	55.00	day	
UT Equipment	17.00	hour	
Vapor Emission Test Kit	25.00	kit	
Vector Conversion	60.00	conversion	
Water Distilled	5.00	bottle	
Well Development Tool	50.00	day	
YSI Water Meter	75.00	day	
Bridge Toll	actual	actual	
Parking	actual	actual	
Mileage	Per IRS Rate	mile	
Trailer	25.00	day	
AutoCAD, Hardware and Software	16.00	hour	
Faenimile	2.00	page	
Notarized Lien Release	25.00	lien	
Photocopies Black & White	.25	each	
Photocopies Color 11 x 17	1.50	each	
Photocopies Color 8 1/2 x 11	.75	each	
Plot - Black & White	3.00	square foot	
Plot - Color	3.85	square foot	
Postage	actual	actual	
Reproduction Equipment	50.00	hour	
Scan - Black & White	1.50	each	
Scan - Color	3.75	each	
Telephone	.50	minute	

Appendix C

KEY STAFF MEMBERS

We have excellent capacity to accommodate the County's task orders under this on-call contract. From our local San Ramon office, 5 Northern California branch offices and 120 professionals and staff, ENGEO is able to meet all commitments and handle emergencies as they arise. For this project, ENGEO provides the following general organization and staff type. As necessary, additional in-house technical professionals will be integrated into the projects on an as needed basis.

Daniel S. Haynosch, GE
Principal-in-Charge

Jeff A. Fippin, GE
Associate, Project Manager

Macy Tong, GE
Associate, Geotechnical Engineer

Raymond P. Skinner, CEG
Principal, Engineering Geology Support

Jeffrey A. Adams, PhD, PE, REA
Senior Engineer, Environmental Support

Jonathan D. Buck, PE
Senior Engineer, Civil and Water Resources Engineer

Special Conditions (On-Call Geotechnical Engineering Consulting Services)

1. Section 10(a)(ii) of the Agreement is hereby amended as follows: Professional Liability Insurance with a minimum coverage limit of \$3,000,000 for claims made in the aggregate annually and a maximum self-insured retention or self-insured retained limit of liability of \$150,000, for all damages and losses because of errors, omissions or malpractice arising out of the provision of professional services by Consultant and Consultant's subconsultants under this Agreement.
2. Section 11(f) of the Agreement is hereby amended as follows: Payment Retention: For peer review, and engineering support during project bidding and construction phases, there will be no retention withheld. For all other Task Orders, Agency will retain 10% of each billing statement as security for the fulfillment of this Agreement.
3. Section 24 of the Agreement is hereby amended by adding the following: Consultant's aggregate liability shall be limited by the Agency to the Consultant's Professional Liability Insurance coverage limit.
4. Sections 42-44 of the Agreement applies when a Task Order is partially or fully funded by US DOT funds. As each Task Order Form is executed, the Task Order as described and sample attached in Appendix A, Scope of Services, shall identify if a task is partially or fully funded by US DOT funds. If a Task Order is not funded by any US DOT funds, then Section 42-44 is not applicable to that Task Order.
5. Section A of Appendix B is deleted in its entirety.
6. Section B of Appendix B of the Agreement is hereby amended as follows: Payment to Consultant for subconsultants authorized in advance by Agency in accordance with Section 21. Assignment of this Agreement will be the amount equal to Consultant's direct costs, with a maximum handling mark up of 15%. Consultant shall submit subconsultant invoices as part of Consultant's bill for services.
7. Section D of Appendix B of the Agreement is hereby amended as follows: Subject to the Payment Limit in Section 4. Payment Limit of the Agreement, Agency will reimburse the actual cost (maximum 15% mark up) of documented expenditures by Consultant and its employees and authorized subconsultants for the Other Direct Costs listed below to the extent such Other Direct Costs were incurred to perform the services described in this Agreement:
 - a. Expense of reproductions and postage for Drawings, Schedules, Specifications, and other documents related to the Task Order.
 - b. Expense of photographic reproduction techniques relates to the Task Order.
 - c. Expense of renderings, models, and mock-ups requested by the Agency.
 - d. Expense of equipment and materials charges related to the Task Order (see Attachment 1 to Appendix B).
 - e. Expense of travel outside the Bay Region counties ordered or approved in advance in writing by the Agency. The Bay Region counties are Alameda, Contra Costa, Marin, Napa, Sacramento, San Francisco, San Joaquin, San Mateo, Santa Clara, and Solano. Such expenses will be paid as follows:
 - i. Travel Time: At the hourly rates in Attachment 1 to Appendix B, not to exceed eight hours per day per person.
 - ii. Other reasonable travel and subsistence expenses: actual out-of-pocket costs, documented with receipts.
8. Consultant may request an increase in the hourly rates set forth on Attachment 1 to Appendix B, on an annual basis, in January of each calendar year during the term of this Agreement, beginning with January 2010. The proposed increase in hourly rates cannot exceed the actual increase in the hourly rates paid by

Consultant to its staff. Consultant shall provide Agency with at least 30 days advance written notice of a proposed increase. Subject to approval by Agency's department head, the proposed increase will be effective 30 days following receipt of Consultant's request. An increase in the hourly rates shall not result in any increase in the Payment Limit specified in Section 4. Payment Limit of this Agreement.

9. Consultant shall pay prevailing wages as required by California law.

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