



Contract Number

25-824

SAP Number

4400029175

Public Works

Department Contract Representative

Marc Rodabaugh, P.E., Deputy
Director

Telephone Number

(909) 386-8703

Consultant

Advanced Earth Sciences, Inc.

Consultant Representative

Suji Somasundaram, President

Telephone Number

(949) 379-2450

Contract Term

October 27, 2025-October 26, 2030

Original Contract Amount

Aggregate NTE Amount of
\$20,000,000

Amendment Amount

Total Contract Amount

Cost Center

6700004250

Grant Number (if applicable)

N/A

IT IS HEREBY AGREED AS FOLLOWS:

WHEREAS, the San Bernardino County (County) desires as needed On-Call Construction Management (CM) and Construction Quality Assurance (CQA) Services for various County landfills and disposal sites; and

WHEREAS, the County conducted a competitive process to find Advanced Earth Sciences, Inc. (Consultant) to provide these services, and

WHEREAS, the County finds Consultant qualified to provide On-Call CM/CQA Services; and

WHEREAS, the County desires that such services be provided by Consultant and Consultant agrees to perform these services as set forth below;

NOW, THEREFORE, the County and Consultant mutually agree to the following terms and conditions:

A. DEFINITIONS

A.1 Board: The San Bernardino County Board of Supervisors.

A.2 Contract: The Contract between the County and the successful Proposer resulting from the award issued pursuant to the project's RFP.

A.3 Consultant: Any individual, company, firm, corporation, partnership or other organization to whom a contract award is made by the County.

A.4 Request for Proposal (RFP): The request for an offer from Proposers interested in providing the identified services sought to be procured by the County. The RFP specifies the evaluation factors to be used and contains or incorporates by reference contractual terms and conditions applicable to the procurement.

A.5 Services: The professional services requested in the RFP.

A.6 Subcontractor: An individual, company, firm, corporation, partnership or other organization, not in the employment of or owned by Consultant who is performing services on behalf of Consultant under the Contract or under a separate contract with or on behalf of Consultant.

A.7 CM/CQA: Construction Management/Construction Quality Assurance activities to ensure construction is completed according to design specifications and good engineering practices.

B. CONSULTANT RESPONSIBILITIES

B.1 Consultant will provide services in accordance with the RFP entitled "PWG-125-SOLID-5900 On-Call Construction Management and Construction Quality Assurance Services for Various Landfill Construction Projects for San Bernardino County Department of Public Works – Solid Waste Management Division, dated June 3, 2025, and RFP Amendment No. 1 issued on June 25, 2025, and Amendments No. 2 and No. 3 issued on July 3, 2025, and incorporated herein by reference, the task order issued for each project assigned to Consultant as needed, and the Scope of Work includes, but is not limited to, all items listed in Exhibit "1" attached hereto and incorporated by reference.

The provisions of this Contract shall control any contrary provision or term of either the Consultant's proposal or of the County's RFP.

C. GENERAL CONTRACT REQUIREMENTS

C.1 Recitals

The recitals set forth above are true and correct and incorporated herein by this reference.

C.2 Contract Amendments

Consultant agrees any alterations, variations, modifications, or waivers of the provisions of the Contract, shall be valid only when reduced to writing, executed and attached to the original Contract and approved by the person(s) authorized to do so on behalf of Consultant and County.

C.3 Contract Exclusivity

This is not an exclusive Contract. The County reserves the right to enter into a contract with other consultants for the same or similar services. The County does not guarantee or represent that the Consultant will be permitted to perform any minimum amount of work, or receive a minimum amount of compensation, under the terms of this Contract.

C.4 Attorney's Fees and Costs

If any legal action is instituted to enforce any party's rights hereunder, each party shall bear its own costs and attorney's fees, regardless of who is the prevailing party. This paragraph shall not apply to those costs and attorney's fees directly arising from a third-party legal action against a party hereto and payable under Indemnification and Insurance Requirements.

C.5 Background Checks for Consultant Personnel

Consultant shall ensure that its personnel (a) are authorized to work in the jurisdiction in which they are assigned to perform services; (b) do not use legal or illegal substances in any manner which will impact their ability to provide services to the County; and (c) are not otherwise disqualified from performing the services under applicable law. If requested by the County and not in violation of applicable law, Consultant shall conduct a background check, at Consultant's sole expense, on all its personnel providing

services. If requested by the County, Contractor shall provide the results of the background check of each individual to verify that the individual meets Consultant's standards for employment. Such background check shall be in the form generally used by Consultant in its initial hiring of employees or contracting for contractors or, as applicable, during the employment-screening process but must, at a minimum, have been performed within the preceding 12-month period. Consultant personnel who do not meet the County's hiring criteria, in County's sole discretion, shall not be assigned to work on County property or services, and County shall have the right, at its sole option, to refuse access to any of Consultant's personnel to any County facility.

C.6 Change of Address

Consultant shall notify the County in writing, of any change in mailing address within ten (10) business days of the change.

C.7 Choice of Law

This Contract shall be governed by and construed according to the laws of the State of California.

C.8 Compliance with County Policy

In performing the services and while at any County facilities, Consultant personnel (including subcontractors) shall (a) conduct themselves in a businesslike manner; (b) comply with the policies, procedures, and rules of the County regarding health and safety, and personal, professional and ethical conduct; (c) comply with the finance, accounting, banking, Internet, security, and/or other applicable standards, policies, practices, processes, procedures, and controls of the County; and (d) abide by all laws applicable to the County facilities and the provision of the services, and all amendments and modifications to each of the items addressed in subsections (b), (c), and (d) (collectively, "County Policies"). County Policies, and additions or modifications thereto, may be communicated orally or in writing to Consultant or Consultant personnel or may be made available to Consultant or Consultant personnel by conspicuous posting at a county facility, electronic posting, or other means generally used by County to disseminate such information to its employees or contractors. Consultant shall be responsible for the promulgation and distribution of County Policies to Consultant personnel to the extent necessary and appropriate.

County shall have the right to require Consultant's employees, agents, representatives and subcontractors to exhibit identification credentials issued by County in order to exercise any right of access under this Contract.

C.9 Confidentiality

Consultant shall protect from unauthorized use or disclosure the names and other identifying information concerning persons receiving services pursuant to this Contract, except for statistical information not identifying any participant. Consultant shall not use or disclose any identifying information for any purpose other than carrying out the Consultant's obligations under this Contract, except as may otherwise be required by law. This provision will remain in force even after the termination of the Contract.

C.10 Primary Point of Contact

Consultant will designate an individual to serve as the primary point of contact for the Contract. Consultant or designee must respond to County inquiries within two (2) business days. Consultant shall not change the primary contact without written acknowledgement to the County. Consultant will also designate a back-up point of contact in the event the primary contact is not available.

C.11 County Representative

The Engineering Manager or his/her designee shall represent the County in all matters pertaining to the services to be rendered under this Contract, including termination and assignment of this Contract, and shall be the final authority in all matters pertaining to the services/Scope of Work by Consultant. If this Contract was initially approved by the San Bernardino County Board of Supervisors, then the Board of Supervisors must approve all amendments to this Contract, unless otherwise delegated.

C.12 Damage to County Property

Consultant shall repair, or cause to be repaired, at its own cost, all damages to County vehicles, facilities, buildings or grounds caused by the willful or negligent acts of Consultant or its employees or agents. Such repairs shall be made immediately after Consultant becomes aware of such damage, but in no event later than thirty (30) days after the occurrence.

If the Consultant fails to make timely repairs, the County may make any necessary repairs. The Consultant, as determined by the County, shall repay all costs incurred by the County for such repairs, by cash payment upon demand, or County may deduct such costs from any amounts due to the Consultant from the County, as determined at the County's sole discretion.

C. 13 Debarment and Suspension

Consultant certifies that neither it nor its principals or subcontractors is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency. (See the following United States General Services Administration's System for Award Management website <https://www.sam.gov>). Consultant further certifies that if it or any of its subcontractors are business entities that must be registered with the California Secretary of State, they are registered and in good standing with the Secretary of State.

C.14 Drug and Alcohol Free Workplace

In recognition of individual rights to work in a safe, healthful and productive workplace, as a material condition of this Contract, the Consultant agrees that the Consultant and the Consultant's employees, while performing service for the County, on County property, or while using County equipment:

- C.14.1** Shall not be in any way impaired because of being under the influence of alcohol or an illegal or controlled substance.
- C.14.2** Shall not possess an open container of alcohol or consume alcohol or possess or be under the influence of an illegal or controlled substance.
- C.14.3** Shall not sell, offer, or provide alcohol or an illegal or controlled substance to another person, except where Consultant or Consultant's employee who, as part of the performance of normal job duties and responsibilities, prescribes or administers medically prescribed drugs.

Consultant shall inform all employees that are performing service for the County on County property, or using County equipment, of the County's objective of a safe, healthful and productive work place and the prohibition of drug or alcohol use or impairment from same while performing such service for the County.

The County may terminate for default or breach of this Contract and any other Contract the Consultant has with the County, if the Consultant or Consultant's employees are determined by the County not to be in compliance with above.

C.15 Duration of Terms

This Contract, and all of its terms and conditions, shall be binding upon and shall inure to the benefit of the heirs, executors, administrators, successors, and assigns of the respective parties, provided no such assignment is in violation of the provisions of this Contract.

C.16 Employment Discrimination

During the term of the Contract, Consultant shall not discriminate against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, sexual orientation, age, or military and veteran status. Consultant shall comply with Executive Orders 11246, 11375, 11625, 12138, 12432, 12250, 13672, Title VI and Title VII of the Civil Rights Act of 1964, the California Fair Employment and Housing Act and other applicable Federal, State

and County laws and regulations and policies relating to equal employment and contracting opportunities, including laws and regulations hereafter enacted.

C.17 Environmental Requirements

In accordance with County Policy 11-08, the County prefers to acquire and use products with higher levels of post-consumer recycled content. Environmentally preferable goods and materials must perform satisfactorily and be available at a reasonable price. The County requires Consultant to use recycled paper for any printed or photocopied material created as a result of this Contract. Consultant is also required to use both sides of paper sheets for reports submitted to the County whenever practicable.

To assist the County in meeting the reporting requirements of the California Integrated Waste Management Act of 1989 (AB 939), Consultant must be able to annually report the County's environmentally preferable purchases. Consultant must also be able to report on environmentally preferable goods and materials used in the provision of their service to the County, utilizing a County approved form.

C.18 Improper Influence

Consultant shall make all reasonable efforts to ensure that no County officer or employee, whose position in the County enables him/her to influence any award of the Contract or any competing offer, shall have any direct or indirect financial interest resulting from the award of the Contract or shall have any relationship to the Consultant or officer or employee of the Consultant.

C.19 Improper Consideration

Consultant shall not offer (either directly or through an intermediary) any improper consideration such as, but not limited to cash, discounts, service, the provision of travel or entertainment, or any items of value to any officer, employee or agent of the County in an attempt to secure favorable treatment regarding this Contract.

The County, by written notice, may immediately terminate this Contract if it determines that any improper consideration as described in the preceding paragraph was offered to any officer, employee or agent of the County with respect to the proposal and award process. This prohibition shall apply to any amendment, extension or evaluation process once a contract has been awarded.

Consultant shall immediately report any attempt by a County officer, employee or agent to solicit (either directly or through an intermediary) improper consideration from Consultant. The report shall be made to the supervisor or manager charged with supervision of the employee or the County Administrative Office. In the event of a termination under this provision, the County is entitled to pursue any available legal remedies.

C.20 Informal Dispute Resolution

In the event the County determines that service is unsatisfactory, or in the event of any other dispute, claim, question or disagreement arising from or relating to this Contract or breach thereof, the parties hereto shall use their best efforts to settle the dispute, claim, question or disagreement. To this effect, they shall consult and negotiate with each other in good faith and, recognizing their mutual interests, attempt to reach a just and equitable solution satisfactory to both parties.

C.21 Legality and Severability

The parties' actions under the Contract shall comply with all applicable laws, rules, regulations, court orders and governmental agency orders. The provisions of this Contract are specifically made severable. If a provision of the Contract is terminated or held to be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall remain in full effect.

C.22 Licenses, Permits and/or Certifications

Consultant shall ensure that it has all necessary licenses, permits and/or certifications required by Federal, State, County, and municipal laws, ordinances, rules and regulations. The Consultant shall maintain these licenses, permits and/or certifications in effect for the duration of this Contract. Consultant

will notify County immediately of loss or suspension of any such licenses, permits and/or certifications. Failure to maintain a required license, permit and/or certification may result in immediate termination of this Contract.

- *Registered Professional Engineer*

C.23 Material Misstatement/Misrepresentation

If, during the course of the administration of this Contract, the County determines that Consultant has made a material misstatement or misrepresentation or that materially inaccurate information has been provided to the County, this Contract may be immediately terminated. If this Contract is terminated according to this provision, the County is entitled to pursue any available legal remedies.

C.24 Mutual Covenants

The parties to this Contract mutually covenant to perform all of their obligations hereunder, to exercise all discretion and rights granted hereunder, and to give all consents in a reasonable manner consistent with the standards of "good faith" and "fair dealing".

C.25 Nondisclosure

Consultant shall hold as confidential and use reasonable care to prevent unauthorized access by, storage, disclosure, publication, dissemination to and/or use by third parties of, confidential information that is either: (1) provided by the County to Consultant or an agent of Consultant or otherwise made available to Consultant or Consultant's agent in connection with this Contract; or, (2) acquired, obtained, or learned by Consultant or an agent of Consultant in the performance of this Contract. For purposes of this provision, confidential information means any data, files, software, information or materials in oral, electronic, tangible or intangible form and however stored, compiled or memorialize and includes, but is not limited to: technology infrastructure, architecture, financial data, trade secrets, equipment specifications, user lists, passwords, research data, and technology data.

C.26 Notice of Delays

Except as otherwise provided herein, 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 twenty-four (24) hours, give notice thereof, including all relevant information with respect thereto, to the other party.

C.27 Ownership of Documents

All documents, data, products, graphics, computer programs and reports prepared by Consultant pursuant to the Contract shall be considered property of the County upon payment for services (and products, if applicable). All such items shall be delivered to County at the completion of work under the Contract, subject to the requirements of Article D—Term of the Contract. Unless otherwise directed by County, Consultant may retain copies of such items.

C.28 RESERVED

C.29 Air, Water Pollution Control, Safety and Health

Consultant shall comply with all air pollution control, water pollution, safety and health ordinances and statutes, which apply to the work performed pursuant to this Contract.

C.30 Records

Consultant shall maintain all records and books pertaining to the delivery of services under this Contract and demonstrate accountability for contract performance. All records shall be complete and current and comply with all Contract requirements. Failure to maintain acceptable records shall be considered grounds for withholding of payments for invoices submitted and/or termination of the Contract.

All records relating to the Consultant's personnel, consultants, subcontractors, services/Scope of Work and expenses pertaining to this Contract shall be kept in a generally acceptable accounting format. Records should include primary source documents. Fiscal records shall be kept in accordance with Generally Accepted Accounting Principles and must account for all funds, tangible assets, revenue and

expenditures. Fiscal records must comply with the appropriate Office of Management and Budget (OMB) Circulars, which state the administrative requirements, cost principles and other standards for accountancy.

C.31 Relationship of the Parties

Nothing contained in this Contract shall be construed as creating a joint venture, partnership, or employment arrangement between the Parties hereto, nor shall either Party have the right, power or authority to create an obligation or duty, expressed or implied, on behalf of the other Party hereto. In the performance of this Contract, Consultant, its agents and employees, shall act in an independent capacity and not as officers, employees, or agents of the San Bernardino County. Any provision of this Contract that may appear to give the County any right to direct the Consultant concerning the details of performing the services/Scope of Work, or to exercise any control over such performance, shall mean only that the Consultant shall follow the direction of the County concerning the end results of the performance.

C.32 Release of Information

No news releases, advertisements, public announcements or photographs arising out of the Contract or Consultant's relationship with County may be made or used without prior written approval of the County.

C.33 Strict Performance

Failure by a party to insist upon the strict performance of any of the provisions of this Contract by the other party, or the failure by a party to exercise its rights upon the default of the other party, shall not constitute a waiver of such party's right to insist and demand strict compliance by the other party with the terms of this Contract thereafter.

C.34 Subcontracting

Consultant shall obtain County's written consent, which County may withhold in its sole discretion, before entering into Contracts with or otherwise engaging any subcontractors who may supply any part of the services to County. At County's request, Consultant shall provide information regarding the subcontractor's qualifications and a listing of a subcontractor's key personnel including, if requested by the County, resumes of proposed subcontractor personnel. Consultant shall remain directly responsible to County for its subcontractors and shall indemnify County for the actions or omissions of its subcontractors under the terms and conditions specified in Article G. All approved subcontractors shall be subject to the provisions of this Contract applicable to Consultant Personnel.

For any subcontractor, Consultant shall:

- 34.1** Be responsible for subcontractor compliance with the Contract and the subcontract terms and conditions; and
- 34.2** Ensure that the subcontractor follows County's reporting formats and procedures as specified by County.
- 34.3** Include in the subcontractor's subcontract substantially similar terms as are provided in Articles B. Consultant Responsibilities and C. General Contract Requirements.

Upon expiration or termination of this Contract for any reason, County will have the right to enter into direct Contracts with any of the subcontractors. Consultant agrees that its arrangements with subcontractors will not prohibit or restrict such subcontractors from entering into direct contracts with County.

C. 35 Subpoena

In the event that a subpoena or other legal process commenced by a third party in any way concerning the Services provided under this Contract is served upon Consultant or County, such party agrees to notify the other party in the most expeditious fashion possible following receipt of such subpoena or other legal process. Consultant and County further agree to cooperate with the other party in any lawful effort by such other party to contest the legal validity of such subpoena or other legal process commenced by a third party as may be reasonably required and at the expense of the party to whom the legal process is directed, except as otherwise provided herein in connection with defense obligations by Consultant for County.

C.36 Termination for Convenience

The County reserves the right to terminate the Contract, for its convenience, with or without cause, with a thirty (30) day written notice of termination. Such termination may include all or part of the services described herein. Upon such termination, payment will be made to the Consultant for services rendered and expenses reasonably incurred prior to the effective date of termination. Upon receipt of termination notice Consultant shall promptly discontinue services unless the notice directs otherwise. Consultant shall deliver promptly to County and transfer title (if necessary) to all completed work, and work in progress, including drafts, documents, plans, forms, data, products, graphics, computer programs and reports.

C.37 Time of the Essence

Time is of the essence in performance of this Contract and of each of its provisions.

C.38 Venue

The parties acknowledge and agree that this Contract was entered into and intended to be performed in San Bernardino County, California. The parties agree that the venue of any action or claim brought by any party to this Contract will be the Superior Court of California, County of San Bernardino, San Bernardino District. Each party hereby waives any law or rule of the court, which would allow them to request or demand a change of venue. If any action or claim concerning this Contract is brought by any third-party and filed in another venue, the parties hereto agree to use their best efforts to obtain a change of venue to the Superior Court of California, County of San Bernardino, San Bernardino District.

C.39 Conflict of Interest

Consultant shall make all reasonable efforts to ensure that no conflict of interest exists between its officers, employees, or subcontractors and the County. Consultant shall make a reasonable effort to prevent officers, employees, subcontractors, or members of governing bodies from using their positions for purposes that are, or give the appearance of being motivated by a desire for private gain for themselves or others such as those with whom they have family business, or other ties. Officers, employees, and agents of cities, counties, districts, and other local agencies are subject to applicable conflict of interest codes and state law. In the event the County determines a conflict-of-interest situation exists, any increase in costs, associated with the conflict of interest situation, may be disallowed by the County and such conflict may constitute grounds for termination of the Contract. This provision shall not be construed to prohibit employment of persons with whom Consultant's officers, employees, or agents have family, business, or other ties so long as the employment of such persons does not result in increased costs over those associated with the employment of any other equally qualified applicant.

In accordance with Government Code section 1097.6(c)(1), Consultant's duties and services under this Contract shall not include preparing or assisting the County with any portion of the County's preparation of a request for proposals, request for qualifications, or any other solicitation regarding a subsequent or additional contract with the County. The County shall at all times retain responsibility for public contracting, including with respect to any subsequent phase of this project. Consultant's participation in the planning, discussions, or drawing of project plans or specifications shall be limited to conceptual, preliminary, or initial plans or specifications. Consultant shall cooperate with the County to ensure that all bidders for a subsequent contract on any subsequent phase of this project have access to the same information, including all conceptual, preliminary, or initial plans or specifications prepared by Consultant pursuant to this Contract.

C.40 Former County Administrative Officials

Consultant agrees to provide or has already provided information on former San Bernardino County administrative officials (as defined below) who are employed by or represent Consultant. The information provided includes a list of former County administrative officials who terminated County employment within the last five years and who are now officers, principals, partners, associates or members of the business. The information also includes the employment with or representation of Consultant. For purposes of this provision, "County administrative official" is defined as a member of the Board of Supervisors or such officer's staff, County Executive Officer or member of such officer's staff, County

department or group head, assistant department or group head, or any employee in the Exempt Group, Management Unit or Safety Management Unit.

C.41 Disclosure of Criminal and Civil Procedures

County reserves the right to request the information described herein from Consultant. Failure to provide the information may result in a termination of the Contract. The County also reserves the right to obtain the requested information by way of a background check performed by an investigative firm. The Consultant also may be requested to provide information to clarify initial responses. Negative information discovered may result in Contract termination.

Consultant is required to disclose whether the firm, or any of its partners, principals, members, associates or key employees (as that term is defined herein), within the last ten years, has been indicted on or had charges brought against it or them (if still pending) or convicted of any crime or offense arising directly or indirectly from the conduct of the firm's business, or whether the firm, or any of its partners, principals, members, associates or key employees, has within the last ten years, been indicted on or had charges brought against it or them (if still pending) or convicted of any crime or offense involving financial misconduct or fraud. If the response is affirmative, the Consultant will be asked to describe any such indictments or charges (and the status thereof), convictions and the surrounding circumstances in detail.

In addition, the Consultant is required to disclose whether the firm, or any of its partners, principals, members, associates or key employees, within the last ten years, has been the subject of legal proceedings as defined herein arising directly from the provision of services by the firm or those individuals. "Legal proceedings" means any civil actions filed in a court of competent jurisdiction, or any matters filed by an administrative or regulatory body with jurisdiction over the firm or the individuals. If the response is affirmative, the Consultant will be asked to describe any such legal proceedings (and the status and disposition thereof) and the surrounding circumstances in detail.

For purposes of this provision "key employees" includes any individuals providing direct service to the County. "Key employees" do not include clerical personnel providing service at the firm's offices or locations.

C.42 Copyright

County shall have a royalty-free, non-exclusive and irrevocable license to publish, disclose, copy, translate, and otherwise use, copyright or patent, now and hereafter, all reports, studies, information, data, statistics, forms, designs, plans, procedures, systems, and any other materials or properties developed under this Contract including those covered by copyright, and reserves the right to authorize others to use or reproduce such material. All such materials developed under the terms of this Contract shall acknowledge the San Bernardino County as the funding agency and Consultant as the creator of the publication. No such materials, or properties produced in whole or in part under this Contract shall be subject to private use, copyright or patent right by Consultant in the United States or in any other country without the express written consent of County. Copies of all educational and training materials, curricula, audio/visual aids, printer material, and periodicals, assembled pursuant to this Contract must be filed with the County prior to publication.

C.43 Artwork, Proofs and Negatives

All artwork, proofs, and/or negatives in either print or digital format for anything produced under the terms of this Contract are the property of the County. These items must be returned to the County within ten (10) days, upon written notification to the Consultant. In the event of a failure to return the documents, the County is entitled to pursue any available legal remedies. In addition, Consultant will be barred from all future solicitations, for a period of at least six (6) months.

C.44 Iran Contracting Act

IRAN CONTRACTING ACT OF 2010, Public Contract Code sections 2200 et seq. (Applicable for all Contracts of one million dollars (\$1,000,000) or more). In accordance with Public Contract Code section 2204(a), the Consultant certifies that at the time the Contract is signed, the Consultant signing the Contract is not identified on a list created pursuant to subdivision (b) of Public Contract Code section

2203 as a person (as defined in Public Contract Code section 2202(e)) engaging in investment activities in Iran described in subdivision (a) of Public Contract Code section 2202.5, or as a person described in subdivision (b) of Public Contract Code section 2202.5, as applicable.

Consultants are cautioned that making a false certification may subject the Consultant to civil penalties, termination of existing contract, and ineligibility to bid on a contract for a period of three (3) years in accordance with Public Contract Code section 2205.

C.45 Prevailing Wage Laws

By its execution of this Contract, Consultant certifies that it is aware of the requirements of California Labor Code Sections 1720 et seq. and 1770 et seq. as well as California Code of Regulations, Title 8, Section 16000 et seq. ("Prevailing Wage Laws"), which require the payment of prevailing wage rates and the performance of other requirements on certain "public works" and "maintenance" projects. Section 1720 of the California Labor Code states in part: "For purposes of this paragraph, 'construction' includes work performed during the design, site assessment, feasibility study, and other preconstruction phases of construction including, but not limited to, inspection and land surveying work..." If the Services/Scope of Work are being performed as part of an applicable "public works" or "maintenance" project, as defined by the Prevailing Wage Laws, and if the total compensation is \$1,000 or more, Consultant agrees to fully comply with such Prevailing Wage Laws. Consultant shall make copies of the prevailing rates of per diem wages for each craft, classification or type of worker needed to execute the Services available to interested parties upon request and shall post copies at the Consultant's principal place of business and at the project site. Consultant will also adhere to any other applicable requirements, including but not limited to, those regarding the employment of apprentices, travel and subsistence pay, retention and inspection of payroll records, workers compensation and forfeiture of penalties prescribed in the Labor Code for violations. Consultant shall defend, indemnify and hold the County, its elected officials, officers, employees and agents free and harmless from any claims, liabilities, costs, penalties or interest arising out of any failure or alleged failure to comply with Prevailing Wage Laws. See Attachment A, which is attached and incorporated by reference, for additional information regarding Prevailing Wage Laws. Consultant shall comply with all applicable terms and conditions in Attachment A. The applicable general prevailing wage determinations are on file with the County and are available to any interested party on request. Consultant shall post a copy of the applicable prevailing wage determinations at the job site.

C. 46 Errors, Omissions and/or Conflicts

Consultant shall be responsible for the integrity of all design and research studies prepared or approved by the Consultant and should County suffer damages due to errors, omissions, and/or conflicts within such documents, the Consultant shall be responsible to County for costs of all such damages.

C. 47 Regulatory Agencies

Except for emergencies, or except for situations where contact is required by law or relevant professional canons of ethics (in which case Consultant will use its professional efforts to notify and confer with the County before such contact, the parties recognizing that there may not be time for such in an emergency), Consultant shall not contact the Local Enforcement Agency, South Coast Air Quality Management District or other regulatory agencies concerning any site that is the subject of this Contract without Department of Public Works - SWMD prior approval.

C. 48 California Consumer Privacy Act

To the extent applicable, if Contractor is a business that collects the personal information of a consumer(s) in performing Services pursuant to this Contract, Contractor must comply with the provisions of the California Consumer Privacy Act (CCPA). (Cal. Civil Code §1798.100, et seq.). For purposes of this provision, "business," "consumer," and "personal information" shall have the same meanings as set forth at Civil Code section 1798.140. Contractor must contact the County immediately upon receipt of any request by a consumer submitted pursuant to the CCPA that requires any action on the part of the County, including but not limited to, providing a list of disclosures or deleting personal information. Contractor must not sell, market or otherwise disclose personal information of a consumer provided by the County unless specifically authorized pursuant to terms of this Contract. Contractor must immediately provide to the County any notice provided by a consumer to Contractor pursuant to Civil Code section

1798.150(b) alleging a violation of the CCPA, that involves personal information received or maintained pursuant to this Contract. Contractor must immediately notify the County if it receives a notice of violation from the California Attorney General pursuant to Civil Code section 1798.155(b).

C. 49 Executive Order N-6-22 Russia Sanctions

On March 4, 2022, Governor Gavin Newsom issued Executive Order N-6-22 (the EO) regarding Economic Sanctions against Russia and Russian entities and individuals. "Economic Sanctions" refers to sanctions imposed by the U.S. government in response to Russia's actions in Ukraine (<https://home.treasury.gov/policy-issues/financial-sanctions/sanctions-programs-and-country-information/ukraine-russia-related-sanctions>), as well as any sanctions imposed under state law (<https://www.dgs.ca.gov/OLS/Ukraine-Russia>). The EO directs state agencies and their contractors (including by agreement or receipt of a grant) to terminate contracts with, and to refrain from entering any new contracts with, individuals or entities that are determined to be a target of Economic Sanctions. Accordingly, should it be determined that Contractor is a target of Economic Sanctions or is conducting prohibited transactions with sanctioned individuals or entities, that shall be grounds for termination of this agreement. Contractor shall be provided advance written notice of such termination, allowing Contractor at least 30 calendar days to provide a written response. Termination shall be at the sole discretion of the County.

C. 50 RESERVED

D. TERM OF CONTRACT

This Contract is effective as of October 27, 2025, and expires October 26, 2030 but may be terminated earlier in accordance with provisions of this Contract.

E. COUNTY RESPONSIBILITIES

E.1 Manages all operations, maintenance and compliance activities for all the sites listed in the RFP and subject contract.

E.2 Assign Consultant "as-needed" CM/CQA tasks for various facilities based on SWMD's needs.

E.3 Issue task orders to Consultants to perform the required CM/CQA work.

E.4 Coordinate with Consultant and provide support during CM/CQA work.

F. FISCAL PROVISIONS

F.1 The maximum amount of payment under this Contract is a combined total for all contractors providing On-Call Construction Management and Construction Quality Assurance Services identified in the corresponding Board Agenda Item, and together shall not exceed \$20,000,000.

With respect to Task Orders to be performed on a Fixed Fee basis, Consultant bears the risk that it may not be able to generate its anticipated (or any) profit in completing its performance of all required items of work for the specified level of compensation. In no event shall Consultant be entitled to receive compensation for any item of work required of Consultant under the terms of this Contract, which item of work is not performed by Consultant (including Consultant's agents and subconsultants). Payment shall be made on a percent of task completed to the County's satisfaction pursuant to Exhibit "2".

With respect to Task Orders to be performed on a Time and Materials basis, Consultant shall be paid its actual time and materials as specified in, and subject to the limitations of, Exhibit "2". The Cost Proposal was used by the County to determine the reasonableness of the cost of Consultant's proposal and is further used in making progress payments to Consultant and in making payment to Consultant in the event of the termination of the Contract prior to the completion of all items of work. Consultant is not entitled to any additional compensation by virtue of its costs (including wages) for any item of work exceeding the cost set forth in its Cost Proposal, including excess costs related to delays in completion of the project. Payment shall be made on a percent of task completed to the County's satisfaction pursuant to Exhibit "2".

The County does not guarantee any minimum or maximum number of tasks will be assigned to Consultant.

F.2 RESERVED

F.3 Consultant shall provide County itemized monthly invoices, in arrears, and in a format acceptable to the County for services performed under this Contract within twenty (20) days of the end of the previous month. Invoicing for this project shall indicate the project and task numbers. Consultant's itemized monthly invoice shall be in the form of an Invoice Summary attached and incorporated herein as Exhibit "3." The County shall make payment to Consultant within sixty (60) working days after receipt of invoice or the resolution of any billing dispute.

F.4 Consultant shall accept all payments from County via electronic funds transfer (EFT) directly deposited into the Consultant's designated checking or other bank account. Consultant shall promptly comply with directions and accurately complete forms provided by County required to process EFT payments.

F.5 County is exempt from Federal excise taxes and no payment shall be made for any personal property taxes levied on Consultant or on any taxes levied on employee wages. The County shall only pay for any State or local sales or use taxes on the services rendered or equipment and/or parts supplied to the County pursuant to the Contract.

F.6 Costs for services under the terms of this Contract shall be incurred during the contract period except as approved by County. Consultant shall not use current year funds to pay prior or future year obligations.

F.7 Funds made available under this Contract shall not supplant any federal, state or any governmental funds intended for services of the same nature as this Contract. Consultant shall not claim reimbursement or payment from County for, or apply sums received from County with respect to that portion of its obligations that have been paid by another source of revenue. Consultant agrees that it will not use funds received pursuant to this Contract, either directly or indirectly, as a contribution or compensation for purposes of obtaining funds from another revenue source without prior written approval of the County.

F.8 Consultant shall adhere to the County's Travel Management Policy (8-02 and 08-02SP1) when travel is pursuant to this Contract and for which reimbursement is sought from the County. In addition, Consultant is encouraged to utilize local transportation services, including but not limited to, the Ontario International Airport.

G. INDEMNIFICATION AND INSURANCE REQUIREMENTS

G.1 Indemnification

The Consultant agrees to indemnify, defend (with counsel reasonably approved by County) and hold harmless the County and its authorized officers, employees, agents and volunteers from any and all claims, actions, losses, damages and/or liability arising out of this Contract from any cause whatsoever, including the acts, errors or omissions of any person and for any costs or expenses incurred by the County on account of any claim except where such indemnification is prohibited by law. This indemnification provision shall apply regardless of the existence or degree of fault of indemnities. The Consultant indemnification obligation applies to the County's "active" as well as "passive" negligence but does not apply to the County's "sole negligence" or "willful misconduct" within the meaning of Civil Code section 2782.

G.2 Additional Insured

All policies, except for Worker's Compensation, Errors and Omissions and Professional Liability policies shall contain additional endorsements naming the County and its officers, employees, agents and volunteers as additional named insured with respect to liabilities arising out of the performance of services

hereunder. The additional insured endorsements shall not limit the scope of coverage for the County to vicarious liability but shall allow coverage for the County to the full extent provided by the policy. Such additional insured coverage shall be at least as broad as Additional Insured (Form B) endorsement form ISO, CG 2010.11 85.

G.3 Waiver of Subrogation Rights

Consultant shall require the carriers of required coverages to waive all rights of subrogation against the County, its officers, employees, agents, volunteers, contractors and subcontractors. All general or auto liability insurance coverage provided shall not prohibit Consultant and Consultant's employees or agents from waiving the right of subrogation prior to a loss or claim. Consultant hereby waives all rights of subrogation against the County.

G.4 Policies Primary and Non-Contributory

All policies required herein are to be primary and non-contributory with any insurance or self-insurance programs carried or administered by the County.

G.5 Severability of Interests

Consultant agrees to ensure that coverage provided to meet these requirements is applicable separately to each insured and there will be no cross-liability exclusions that preclude coverage for suits between Consultant and County or between County and any other insured or additional insured under the policy.

G.6 Proof of Coverage

Consultant shall furnish Certificates of Insurance to the County Department administering the Contract evidencing the insurance coverage at the time the Contract is executed, additional endorsements, as required shall be provided prior to the commencement of performance of services hereunder, which certificates shall provide that such insurance shall not be terminated or expire without thirty (30) days written notice to the Department, and Consultant shall maintain such insurance from the time Consultant commences performance of services hereunder until the completion of such services. Within fifteen (15) days of the commencement of this contract, Consultant shall furnish a copy of the Declaration page for all applicable policies and will provide complete certified copies of the policies and endorsements immediately upon request.

G.7 Acceptability of Insurance Carrier

Unless otherwise approved by Risk Management, insurance shall be written by insurers authorized to do business in the State of California and with a minimum "Best" Insurance Guide rating of "A- VII".

G.8 Deductibles and Self-Insured Retention

Any and all deductibles or self-insured retentions in excess of \$10,000 shall be declared to and approved by Risk Management.

G.9 Failure to Procure Coverage

In the event that any policy of insurance required under this Contract does not comply with the requirements, is not procured, or is canceled and not replaced, County has the right but not the obligation or duty to cancel this Contract or obtain insurance if it deems necessary and any premiums paid by County will be promptly reimbursed by Consultant or County payments to the Consultant will be reduced to pay for County purchased insurance.

G.10 Insurance Review

Insurance requirements are subject to periodic review by County. The Director of Risk Management or designee is authorized, but not required, to reduce, waive or suspend any insurance requirements whenever Risk Management determines that any of the required insurance is not available, is unreasonably priced, or is not needed to protect the interests of County. In addition, if the Department of Risk Management determines that heretofore unreasonably priced or unavailable types of insurance coverage or coverage limits become reasonably priced or available, the Director of Risk Management or designee is authorized, but not required, to change the above insurance requirements to require additional types of insurance coverage or higher coverage limits, provided that any such change is

reasonable in light of past claims against County, inflation, or any other item reasonably related to the County's risk.

Any change requiring additional types of insurance coverage or higher coverage limits must be made by amendment to this contract. Consultant agrees to execute any such amendment within thirty (30) days of receipt.

Any failure, actual or alleged, on the part of County to monitor or enforce compliance with any of the insurance and indemnification requirements will not be deemed as a waiver of any rights on the part of County.

G.11 Consultant agrees to provide insurance set forth in accordance with the requirements herein. If Consultant uses existing coverage to comply with these requirements and that coverage does not meet the specified requirements, Consultant agrees to amend, supplement or endorse the existing coverage to do so.

Without in anyway affecting the indemnity herein provided and in addition thereto, Consultant shall secure and maintain throughout the contract term the following types of insurance with limits as shown:

G.11.1 Workers' Compensation/Employer's Liability – A program of Workers' Compensation insurance or a state-approved, self-insurance program in an amount and form to meet all applicable requirements of the Labor Code of the State of California, including Employer's Liability with \$250,000 limits covering all persons including volunteers providing services on behalf of the Consultant and all risks to such persons under this contract.

If Consultant has no employees, it may certify or warrant to the County that it does not currently have any employees or individuals who are defined as "employees" under the Labor Code and the requirement for Workers' Compensation coverage will be waived by the County's Director of Risk Management.

With respect to Consultants that are non-profit corporations organized under California or Federal law, volunteers for such entities are required to be covered by Workers' Compensation insurance.

G.11.2 Commercial/General Liability Insurance –Consultant shall carry General Liability Insurance covering all operations performed by or on behalf of Consultant providing coverage for bodily injury and property damage with a combined single limit of not less than one million dollars (\$1,000,000), per occurrence. The policy coverage shall include:

- a. Premises operations and mobile equipment.
- b. Products and completed operations.
- c. Broad form property damage (including completed operations).
- d. Explosion, collapse and underground hazards.
- e. Personal injury.
- f. Contractual liability.
- g. \$2,000,000 general aggregate limit.

G.11.3 Automobile Liability Insurance – Primary insurance coverage shall be written on ISO Business Auto coverage form for all owned, hired and non-owned automobiles or symbol 1 (any auto). The policy shall have a combined single limit of not less than one million dollars (\$1,000,000) for bodily injury and property damage, per occurrence.

If Consultant is transporting one or more non-employee passengers in performance of contract services, the automobile liability policy shall have a combined single limit of two million dollars (\$2,000,000) for bodily injury and property damage per occurrence.

If Consultant owns no autos, a non-owned auto endorsement to the General Liability policy described above is acceptable.

G.11.4 **Umbrella Liability Insurance** – An umbrella (over primary) or excess policy may be used to comply with limits or other primary coverage requirements. When used, the umbrella policy shall apply to bodily injury/property damage, personal injury/advertising injury and shall include a “dropdown” provision providing primary coverage for any liability not covered by the primary policy. The coverage shall also apply to automobile liability.

G.11.5 **Professional Liability** – Professional Liability Insurance with limits of not less than one million (\$1,000,000) per claim and two million (\$2,000,000) aggregate limits

or

Errors and Omissions Liability Insurance – Errors and Omissions Liability Insurance with limits of not less than one million (\$1,000,000) and two million (\$2,000,000) aggregate limits

or

Directors and Officers Insurance coverage with limits of not less than one million (\$1,000,000) shall be required for Contracts with charter labor committees or other not-for-profit organizations advising or acting on behalf of County.

If insurance coverage is provided on a “claims made” policy, the “retroactive date” shall be shown and must be before the date of the state of the contract work. The claims made insurance shall be maintained or “tail” coverage provided for a minimum of five (5) years after contract completion.

G.11.6 **RESERVED.**

G.11.7 **RESERVED.**

G.11.8 **RESERVED.**

H. SUCCESSORS AND ASSIGNS

H.1 This Contract shall be binding upon County and Consultant and their respective successors and assigns.

H.2 Neither the performance of this Contract, nor any part thereof, nor any monies due or to become due thereunder may be assigned by Consultant without the prior written consent and approval of County.

H.3 **Death or Incapacity:** If the Consultant transacts business as an individual, his/her death or incapacity shall automatically terminate this Contract as of the date of such event, and neither he/she nor his/her estate shall have any further right to perform hereunder, and County shall pay him/her or his/her estate the compensation payable under Article F, Fiscal Provisions, for any services rendered prior to such termination not heretofore paid, reduced by the amount of additional costs which will be incurred by County by reason of such termination. If there be more than one Consultant and any one of them die or become incapacitated and the others continue to render the services covered herein, County will make payment to those continuing as though there had been no such death or incapacity and County will not be obliged to take any account of the person who died or became incapacitated or to make any payments to such person or his estate. The provision shall apply in the event of progressive or simultaneous occasions of death or incapacity among any group of persons named as Consultant herein, and if death or incapacity befalls the last one of such group before this Contract is fully performed, then the rights shall be as if there had been only one Consultant.

I. RIGHT TO MONITOR AND AUDIT

I.1 The County, State and Federal government shall have absolute right to review and audit all records, books, papers, documents, corporate minutes, and other pertinent items as requested, and shall have absolute right to monitor the performance of Consultant in the delivery of services provided under this Contract. Consultant shall give full cooperation, in any auditing or monitoring conducted. Consultant shall cooperate with the County in the implementation, monitoring, and evaluation of this Contract and comply with any and all reporting requirements established by the County.

I.2 All records pertaining to services delivered and all fiscal, statistical and management books and records shall be available for examination and audit by County representatives for a period of three years after final payment under the Contract or until all pending County, State and Federal audits are completed, whichever is later.

J. CORRECTION OF PERFORMANCE DEFICIENCIES

J.1 Failure by Consultant to comply with any of the provisions, covenants, requirements or conditions of this Contract shall be a material breach of this Contract.

J.2 In the event of a non-cured breach, County may, at its sole discretion and in addition to any other remedies available at law, in equity, or otherwise specified in this Contract:

- a. Afford Consultant thereafter a time period within which to cure the breach, which period shall be established at the sole discretion of County; and/or
- b. Discontinue reimbursement to Consultant for and during the period in which Consultant is in breach, which reimbursement shall not be entitled to later recovery; and/or
- c. Withhold funds pending duration of the breach; and/or
- d. Offset against any monies billed by Consultant but yet unpaid by County those monies disallowed pursuant to Item "b" of this paragraph; and/or
- e. Terminate this Contract immediately and be relieved of the payment of any consideration to Consultant. In the event of such termination, County may proceed with the work in any manner deemed proper by County. The cost to County shall be deducted from any sum due to Consultant under this Contract and the balance, if any, shall be paid by Consultant upon demand.

J.3 Unless a remedy is specifically designated as exclusive, no remedy conferred by any of the specific provision of the Contract is intended to be exclusive of any other remedy, and each and every remedy shall be cumulative and shall be in addition to every other remedy given hereunder, now or hereafter existing at law or in equity or by statute or otherwise. The election of any one or more remedies by either Party shall not constitute a waiver of the right to pursue other available remedies.

K. NOTICES

All written notices provided for in this Contract or which either party desires to give to the other shall be deemed fully given, when made in writing and either served personally, or by facsimile, or deposited in the United States mail, postage prepaid, and addressed to the other party as follows:

*San Bernardino County
Department of Public Works
Attn. Johnny D. Gayman
Solid Waste Management Division
222 West Hospitality Lane, 2nd Floor
San Bernardino, CA 92415-0017*

*Advanced Earth Sciences, Inc.
Attn. Suji Somasundaram
9307 Research Drive
Irvine, CA 92618*

Notice shall be deemed communicated two (2) County working days from the time of mailing if mailed as provided in this paragraph.

L. ENTIRE AGREEMENT

This Contract, including all Attachment, Exhibits and other attachments, which are attached hereto and incorporated by reference, and other documents incorporated herein, represents the final, complete and exclusive agreement between the parties hereto. Any prior agreement, promises, negotiations or representations relating to the subject matter of this Contract not expressly set forth herein are of no force or effect. This Contract is executed without reliance upon any promise, warranty or representation by any party or any representative of any party other than those expressly contained herein. Each party has carefully read this Contract and signs the same of its own free will.

M. ELECTRONIC SIGNATURES

This Agreement may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, and such counterparts shall together constitute one and the same Agreement. The parties shall be entitled to sign and transmit an electronic signature of this Agreement (whether by facsimile, PDF or other mail transmission), which signature shall be binding on the party whose name is contained therein. Each party providing an electronic signature agrees to promptly execute and deliver to the other party an original signed Agreement upon request.

[illegible]

IN WITNESS WHEREOF, the San Bernardino County and Consultant have each caused this Contract to be subscribed by its respective duly authorized officers, on its behalf.

SAN BERNARDINO COUNTY

► 

Dawn Rowe, Chair, Board of Supervisors

Dated: OCT 21 2025

SIGNED AND CERTIFIED THAT A COPY OF THIS DOCUMENT HAS BEEN DELIVERED TO THE CHAIRMAN OF THE BOARD

Lynna Monell
Clerk of the Board of Supervisors
of the San Bernardino County

By



Deputy

Advanced Earth Sciences, Inc.

(Print or type name of corporation, company, contractor, etc.)

By

► 

(Authorized signature – sign in blue ink)

Name Suji Somasundaram

(Print or type name of person signing contract)

Title President

(Print or Type)

Dated: _____

Address 9307 Research Drive

Irvine, CA 92618

FOR COUNTY USE ONLY

Approved as to Legal Form

► SEE ATTACHED

Maria Insixengmay, Deputy County Counsel

Date _____

Reviewed for Contract Compliance

► 

Andy Silao, P.E., Contract Compliance

Date 10/6/2025

Reviewed/Approved by Department

► 

Noel Castillo, Director

Date 10/6/25

IN WITNESS WHEREOF, the San Bernardino County and Consultant have each caused this Contract to be subscribed by its respective duly authorized officers, on its behalf.

SAN BERNARDINO COUNTY

►

Dawn Rowe, Chair, Board of Supervisors

Dated: _____

SIGNED AND CERTIFIED THAT A COPY OF THIS
DOCUMENT HAS BEEN DELIVERED TO THE
CHAIRMAN OF THE BOARD

Lynna Monell
Clerk of the Board of Supervisors
of the San Bernardino County

By _____

Deputy

Advanced Earth Sciences, Inc.

(Print or type name of corporation, company, contractor, etc.)

By _____

(Authorized signature – sign in blue ink)

Name Suji Somasundaram

(Print or type name of person signing contract)

Title President

(Print or Type)

Dated: _____

Address 9307 Research Drive

Irvine, CA 92618

FOR COUNTY USE ONLY

Approved as to Legal Form

► Maria Insixiengmay

Maria Insixiengmay, Deputy County Counsel

Date 9/29/2025

Reviewed for Contract Compliance

► _____
Andy Silao, P.E., Contract Compliance

Date _____

Reviewed/Approved by Department

► _____
Noel Castillo, Director

Date _____

ATTACHMENT A

PREVAILING WAGE REQUIREMENTS

A. All or a portion of the Scope of Work in the Contract requires the payment of prevailing wages and compliance with the following requirements:

1. Determination of Prevailing Rates:

Pursuant to California Labor Code sections 1770, et seq., the County has obtained from the Director of the Department of Industrial Relations (DIR) pursuant to the Labor Code, the general prevailing rates of per diem wages and the prevailing rates for holiday and overtime work in the locality in which the Scope of Work is to be performed. Copies of said rates are on file with the County, will be made available for inspection during regular business hours, may be included elsewhere in the specifications for the Scope of Work, and are also available online at <https://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. The wage rate for any classification not listed, but which may be required to execute the Scope of Work, shall be commensurate and in accord with specified rates for similar or comparable classifications for those performing similar or comparable duties. In accordance with Labor Code section 1773.2, the Contractor shall post, at appropriate and conspicuous locations on the job site, a schedule showing all applicable prevailing wage rates and shall comply with the requirements of Labor Code sections 1773, et seq.

2. Payment of Prevailing Rates

Each worker of the Contractor, or any subcontractor, engaged in the Scope of Work, shall be paid not less than the general prevailing wage rate, regardless of any contractual relationship which may be alleged to exist between the Contractor or any subcontractor, and such worker.

3. Prevailing Rate Penalty

The Contractor shall, as a penalty, forfeit two hundred dollars (\$200.00) to the County for each calendar day or portion thereof, for each worker paid less than the prevailing rates as determined by the Director of the DIR for such work or craft in which such worker is employed by the Contractor or by any subcontractor in connection with the Scope of Work. Pursuant to Labor Code section 1775, the difference between such prevailing wage rates and the amount paid to each worker for each calendar day, or portion thereof, for which each worker was paid less than the prevailing wage rate, shall be paid to each worker by the Contractor.

4. Ineligible Contractors:

Pursuant to the provisions of Labor Code sections 1777.1 and 1771.1(o), the Labor Commissioner publishes and distributes a list of contractors ineligible to perform work as a contractor or subcontractor on a public works project. This list of debarred contractors is available from the DIR website at <https://www.dir.ca.gov/dlse/debar.html>. Any contract entered into between a contractor and a debarred subcontractor is void as a matter of law. A debarred subcontractor may not receive any public money for performing work as a subcontractor on a public works contract, and any public money that may have been paid to a debarred subcontractor by a contractor on the project shall be returned to the County. The Contractor shall be responsible for the payment of wages to workers as a debarred subcontractor who has been allowed to work on the Scope of Work.

5. Payroll Records:

a. Pursuant to Labor Code section 1776, the Contractor and each subcontractor, shall keep accurate certified payroll records, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker or other employee employed by them in connection with the Scope of Work. The payroll records enumerated herein shall be verified by a written declaration made under penalty of perjury that the information contained in the payroll record is true and correct and that the Contractor or subcontractor has complied with the requirements of the Labor Code sections 1771, 1811, and 1815 for any Scope of Work performed by his or her employees. The payroll records shall be available for inspection at all reasonable hours at the principal office of the Contractor on the following basis:

- i. A certified copy of an employee's payroll record shall be made available for inspection or furnished to such employee or his/her authorized representative on request;
- ii. A certified copy of all payroll records shall be made available for inspection or furnished upon request to the County and the Division of Labor Standards Enforcement of the DIR;
- iii. A certified copy of payroll records shall be made available upon request to the public for inspection or copies thereof made; provided, however, that a request by the public shall be made through either the County or the Division of Labor Standards Enforcement. If the requested payroll records have not been previously provided to the County or the Division of Labor Standards Enforcement, the requesting party shall, prior to being provided the records, reimburse the cost of preparation by

- the Contractor, subcontractor and the entity through which the request was made; the public shall not be given access to such records at the principal office of the Contractor;
- iv. The Contractor shall file a certified copy of the payroll records with the entity that requested such records within ten (10) days after receipt of a written request; and
 - v. Copies provided to the public, by the County or the Division of Labor Standards Enforcement shall be marked or obliterated in such a manner as to prevent disclosure of an individual's name, address and social security number. The name and address of the Contractor or any subcontractor, performing a part of the Scope of Work shall not be marked or obliterated. The Contractor shall inform the County of the location of payroll records, including the street address, city and county and shall, within five (5) working days, provide a notice of a change of location and address.
- b. The Contractor shall have ten (10) days from receipt of the written notice specifying in what respects the Contractor must comply with the above requirements. In the event Contractor does not comply with the requirements of this section within the ten (10) day period, the Contractor shall, as a penalty to the County, forfeit one-hundred dollars (\$100.00) for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Labor Standards Enforcement, such penalty shall be withheld from progress payments then due to the Contractor. A contractor is not subject to a penalty assessment pursuant to this section due to the failure of a subcontractor to comply with this section.
 - c. At least monthly (at least once every 30 days), the Contractor and all subcontractors must submit electronic certified payroll records online to the Labor Commissioner, in a format prescribed by the Labor Commissioner. The County reserves the right to require Contractor and all subcontractors to submit certified payroll to the Labor Commissioner more frequently than monthly.
 - i. A contractor or subcontractor who fails to furnish electronic certified payroll records to the Labor Commissioner as required by Labor Code section 1771.4, is subject to a penalty by the Labor Commissioner of one hundred dollars (\$100) per day, until such payroll records are furnished, not to exceed a total penalty of five thousand dollars (\$5,000) per project.
 - ii. This requirement does not apply to public works projects \$25,000 or less when the project is for construction, alteration, demolition, installation or repair work, or if the public works project is \$15,000 or less when the project is for maintenance work. However, the Contractor must still keep accurate certified payroll records and retain those records, as specified in Labor Code section 1776, for at least three years after completion of the work.
- 6. Limits on Hours of Work:**
Pursuant to Labor Code section 1810, eight (8) hours of labor shall constitute a legal day's work. Pursuant to Labor Code section 1811, the time of service of any worker employed at any time by the Contractor or by a subcontractor, upon the Scope of Work or upon any part of the Scope of Work, is limited and restricted to eight (8) hours during any one calendar day and forty (40) hours during any one calendar week, except as provided for under Labor Code section 1815. Notwithstanding the foregoing provisions, work performed by employees of Contractor or any subcontractor, in excess of eight (8) hours per day and forty (40) hours during any one week, shall be permitted upon compensation for all hours worked in excess of eight (8) hours per day at not less than one and one-half (1½) times the basic rate of pay.
- 7. Penalty for Excess Hours:**
The Contractor shall pay to the County a penalty of twenty-five dollars (\$25.00) for each worker employed on the Scope of Work by the Contractor or any subcontractor, for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any calendar day and forty (40) hours in any one calendar week, in violation of the provisions of the Labor Code, unless compensation to the worker so employed by the Contractor is not less than one and one-half (1½) times the basic rate of pay for all hours worked in excess of eight (8) hours per day.
- 8. Jobsite Notices**
This project is subject to compliance, monitoring, and enforcement by the DIR. As required by the DIR, Contractor is required to post jobsite notices, as prescribed by regulation, regarding compliance monitoring and enforcement by the DIR.
- 9. Registration with the DIR (Labor Code section 1725.5)**
- a. Contractor must be registered with the DIR to bid or submit a proposal on this project, unless the public works project is \$25,000 or less when the project is for construction, alteration, demolition, installation or repair work, or if the public works project is \$15,000 or less when the project is for maintenance work. No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the DIR pursuant to Labor Code section 1725.5, with limited exceptions from this requirement for bid purposes only as allowed under Labor Code sections 1771.1(a) and 1725.5(f).
 - i. An inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in a bid proposal shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive, provided that any of the following apply:
 - 1) The subcontractor is registered prior to the bid opening.

- 2) Within 24 hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee.
 - 3) The subcontractor is replaced by another registered subcontractor pursuant to Section 4107 of the Public Contract Code.
- b. Contractor must be registered with the DIR (unless an exception applies) to be awarded a contract or perform any work on this project. No contractor or subcontractor may be awarded a contract for a public work project or perform work on a public works project unless registered with the DIR pursuant to Labor Code section 1725.5 (unless an exception applies).
- i. A contract entered into with any contractor or subcontractor in violation Labor Code section 1725.5 shall be subject to cancellation.
 - ii. If the Labor Commissioner determines that a contractor or subcontractor engaged in the performance of any public work contract without having been registered in accordance with Labor Code section 1771.1, the contractor or subcontractor is subject to civil penalties of one hundred dollars (\$100) for each day of work performed in violation of the registration requirement, not to exceed an aggregate penalty of eight thousand dollars (\$8,000), payable to the state. Contractor may also be subject to additional penalties, up to an additional \$10,000, for entering into a contract with an unregistered subcontractor.
 - iii. Where a contractor or subcontractor engages in the performance of any public work contract without having been registered with the DIR, the Labor Commissioner shall issue and serve a stop order prohibiting the use of the unregistered contractor or subcontractor on all public works until they are registered. The stop order shall not apply to work by registered contractors or subcontractors on the public work. Any employee of an unregistered contractor or subcontractor who is affected by a work stoppage ordered by the commissioner shall be paid at their regular hourly prevailing wage rate by that employer for any hours the employee would have worked but for the work stoppage, not to exceed 10 days. Failure of a contractor or subcontractor to observe a stop order issued and served upon them is guilty of a misdemeanor punishable by imprisonment in county jail up to 60 days or by a fine of up to ten thousand dollars (\$10,000), or both.
- c. To qualify for registration with the DIR, Contractor must meet all requirements listed in [Labor Code Section 1725.5](#).
- d. Registration with the DIR is not required if the public works project is \$25,000 or less when the project is for construction, alteration, demolition, installation, or repair work, or if the public works project is \$15,000 or less when the project is for maintenance work.

B. STATE PUBLIC WORKS APPRENTICESHIP REQUIREMENTS

1. State Public Works Apprenticeship Requirements:

- a. The Contractor is responsible for compliance with Labor Code section 1777.5 and the California Code of Regulations, title 8, sections 230 – 230.2 for all apprenticeable trades or crafts (denoted with “#” symbol next to craft name in DIR Prevailing Wage Determination), whether employed by the Contractor, subcontractor, vendor or consultant. Included in these requirements is (1) the Contractor's requirement to provide notification (i.e. DAS-140) to the appropriate apprenticeship committees; (2) pay training contributions for each apprenticeable hour employed on the Contract to either the local training fund or the California Apprenticeship Council; and (3) utilize apprentices in a minimum ratio of not less than one apprentice hour for each five journeyman hours by completion of Contract work (unless an exemption is granted in accordance with Labor Code section 1777.5) or request for the dispatch of apprentices.
- b. Any apprentices employed to perform any of the Scope of Work shall be paid the prevailing rate of per diem wages for apprentices in the craft or trade for which such apprentice is employed, and such individual shall be employed only for the work of the craft or trade to which such individual is registered. Unless otherwise provided by a collective bargaining agreement, when the Contractor requests the dispatch of an apprentice to perform work on a public works project and requires the apprentice to fill out an application or undergo testing, training, an examination, or other preemployment process as a condition of employment, the apprentice shall be paid for the time spent on the required preemployment activity, including travel time to and from the required activity, if any, at the prevailing rate of per diem wages for apprentices in the trade to which he or she is registered. Unless otherwise provided by a collective bargaining agreement, Contractor is not required to compensate an apprentice for the time spent on preemployment activities if the apprentice is required to take a preemployment drug or alcohol test and he or she fails to pass that test.
- c. Only apprentices, as defined in Labor Code section 3077, who are in training under apprenticeship standards and written apprenticeship agreements under Labor Code sections 3070 et seq. are eligible to be employed for the Scope of Work. The employment and training of each apprentice shall be in accordance with the provisions of the apprenticeship standards and apprentice agreements under which such apprentice is training, or the rules and regulations of the California Apprenticeship Council.

2. Compliance with Labor Code section 1777.5 requires all public works contractors to:

- a. Submit Contract Award Information (DAS-140) to an applicable apprenticeship program that can supply apprentices to the site of the public work. The information submitted must include the contractor's name, address, telephone number and state license number; the full name and address of the public work awarding body; the exact location of the public work site; the date of the contract award; an estimate of journeyman hours to be performed under the contract; the number of apprentices proposed to be employed; and the approximate dates the apprentices would be employed.
- b. Although there are a few exemptions (identified below), all Contractors, regardless of union affiliation, must submit contract award information when performing on a California public works project.
- c. The DAS-140 is a notification "announcement" of the Contractor's participation on a public works project—*it is not a request for the dispatch of an apprentice (to do this use DAS Form 142)*.
- d. Contractors shall submit the contract award information (you may use form DAS 140) within 10 days of the execution of the prime contract or subcontract, but in no event later than the first day in which the Contractor has workers employed on the public work.
- e. Contractors who are already approved to train apprentices (i.e. check "Box 1" on the DAS-140) shall only be required to submit the form to their approved program.
- f. Contractors who are NOT approved to train apprentices (i.e. those that check either "Box 2" or "Box 3" on the DAS-140) shall submit the DAS-140 TO EACH of the apprenticeship program sponsors in the area of your public works project. For a listing of apprenticeship programs see <http://www.dir.ca.gov/Databases/das/pwaddrstart.asp>.
- g. Employ Registered Apprentices
 - i. Labor Code section 1777.5 requires that a contractor performing work in an "apprenticeable" craft or trade must employ one (1) hour of apprentice work for every five (5) hours performed by a journeyman, not including overtime hours. If Contractor has agreed to be covered by an apprenticeship program's standards, Contractor must employ the number of apprentices or the ratio of apprentices to journeymen stipulated in the applicable apprenticeship standards, which cannot be less than the 1 to 5 ratio required above.
 - ii. Contractor must attempt, to the greatest extent possible, to employ apprentices during the same time period that the journeyman in the same craft or trade are employed at the jobsite. This ratio shall be met prior to the Contractor's completion of work on the project. "Apprenticeable" crafts or trades are denoted with a pound symbol "#" in front of the craft or trade name on the prevailing wage determination.
 - iii. All Contractors who do not fall within an exemption category (see below) must request for dispatch of an apprentice from an apprenticeship program (for each apprenticeable craft or trade) by giving the program actual notice of at least 72 hours (business days only) before the date on which apprentices are required.
 - iv. Contractors may use the "DAS-142" form for making a request for the dispatch of an apprentice.
 - v. Contractors who are participating in an approved apprenticeship training program and who did not receive sufficient number of apprentices from their initial request must request dispatch of apprentices from ALL OTHER apprenticeship committees in the project area in order to fulfill this requirement.
 - vi. Contractor should maintain and submit proof (when requested) of its DAS-142 submittal to the apprenticeship committees (e.g. fax transmittal confirmation). A Contractor has met its requirement to employ apprentices only after it has successfully made a dispatch request to all apprenticeship programs in the project area.
 - vii. Apprentices employed to fulfill the requirements of Labor Code section 1777.5 must be registered apprentices who are training under apprenticeship standards that include the work processes that the Contractor will perform on the project. Where a Contractor employs apprentices under the rules and regulations of the California Apprenticeship Council, apprentices must, at all times work under the direct supervision of a Journeyman (Cal. Code Regs., tit 8, § 230.1).
- h. Make Training Fund Contributions
 - i. Contractors performing in apprenticeable crafts or trades on public works projects, must make training fund contributions to the California Apprenticeship Council, in the amount established by the Director of the Department of Industrial Relations as the prevailing amount for apprenticeship training contributions in the area of the public works site.
 - ii. Contractors may use the "CAC-2" form for submittal of their training fund contributions.
 - iii. Contractors may take as a credit for payments to the Council any amounts paid by the contractor to an approved apprenticeship program that can supply apprentices to the site of the public works project.
 - iv. Training fund contributions are due and payable on the 15th day of the month for work performed during the preceding month.

- i. Submit a Verified Statement within 60 Days of Conclusion of Work Under the Contract
 - i. Each contractor and subcontractor must submit a verified statement of the journeyman and apprentice hours performed on the contract, which information shall be public and retained by the apprenticeship programs for 12 months.
- 3. Exemptions to Apprenticeship Requirements:**
 - a. The following are exempt from having to comply with California apprenticeship requirements. These types of contractors do not need to submit a DAS-140, DAS-142, make training fund contributions, or utilize apprentices:
 - i. Contractors performing in non-apprenticeable crafts. "Apprenticeable" crafts are denoted with a pound symbol "#" in front of the craft name on the prevailing wage determination.
 - ii. When the Contractor has a direct contract with the public agency that is under \$30,000.
 - iii. When the project is 100% federally-funded and the funding of the project does not contain any city, county, and/or state monies (unless the project is administered by a state agency in which case the apprenticeship requirements apply).
 - iv. When the project is a private project not covered by the definition of public works as found in Labor Code section 1720 et seq.
- 4. Exemption from Apprenticeship Ratios:**
 - a. The Administrator of Apprenticeship may grant a certificate exempting the Contractor from the 1-to-5 ratio set forth in this Section if Contractor can show that he or she employs apprentices in a particular craft or trade in the state on all of his or her contracts on an annual average of not less than one hour of apprentice work for every five hours of labor performed by journeymen
 - b. An apprenticeship program has the discretion to grant a certificate to a participating contractor or contractor association which shall be subject to the approval of the Administrator of Apprenticeship, exempting the Contractor from the 1-to-5 ratio set forth in this Section when it finds that any one of the following conditions are met:
 - i. Unemployment for the previous three-month period in such area exceeds an average of fifteen percent (15%); or
 - ii. The number of apprentices in training in such area exceeds a ratio of 1-to-5 in relation to journeymen; or
 - iii. There is a showing that the apprenticeable craft or trade is replacing at least one-thirtieth (1/30) of its journeymen annually through apprenticeship training, either on a statewide basis or on a local basis; or
 - iv. Assignment of an apprentice to any work performed under the Contract documents would create a condition which would jeopardize such apprentice's life or the life, safety or property of fellow employees or the public at large, or if the specific task to which the apprentice is to be assigned is of such a nature that training cannot be provided by a journeyman.
 - c. When an exemption from subsection b. above is granted to an organization which represents contractors in a specific trade on a local or statewide basis, the member contractors will not be required to submit individual applications for approval to local joint apprenticeship committees, provided they are already covered by the local apprenticeship standards.
- 5. Contractor's Compliance:**
 - a. The responsibility for compliance with this Section for all apprenticeable trades or crafts is solely and exclusively that of the Contractor. Violations of Labor Code section 1777.5 are subject to penalties pursuant to Labor Code section 1777.7, as determined by the Labor Commissioner.

CONSTRUCTION MANAGEMENT AND CONSTRUCTION QUALITY ASSURANCE SERVICES FOR VARIOUS LANDFILL CONSTRUCTION PROJECTS FOR THE SAN BERNARDINO COUNTY SOLID WASTE MANAGEMENT DIVISION

EXHIBIT 1- SCOPE OF WORK

The County operates and manages five (5) active landfills, nine (9) transfer stations, and dozens of closed landfill and disposal sites to provide waste disposal services to the County's Valley, Mountain, High Desert, and Low Desert Regions. The County is responsible for managing all operations, maintenance and compliance activities for all these sites in compliance with federal, state and local regulations.

ACTIVE SANITARY LANDFILLS		
Barstow Sanitary Landfill	Mid Valley Sanitary Landfill	Victorville Sanitary Landfill
Landers Sanitary Landfill	San Timoteo Sanitary Landfill	

TRANSFER STATIONS		
Baker Transfer Station	Newberry Springs Transfer Station	Twenty-Nine Palms Transfer Station
Big Bear Transfer Station	Sheep Creek Transfer Station (Phelan)	
Camp Rock Transfer Station (Lucerne Valley)	Trails End Transfer Station (Morongo)	
Heaps Peak Transfer Station	Trona – Argus Transfer Station	

CLOSED LANDFILLS		
Apple Valley	Lucerne Valley	Trona-Argus
Baker	Milliken	Twenty-Nine Palms
Big Bear	Morongo	Yermo
Cajon	Needles	Yucaipa
Hesperia	Newberry Springs	Colton
Lenwood-Hinkley	Phelan	

DISPOSAL SITES (PRE-SUBTITLE D REGULATIONS)		
Cedar Springs	Heaps Peak	Parker Dam
Cooley Ranch	Joshua Tree	Plunge Creek
Crestline	Mill Creek	Wrightwood
Crestmore	Oak Glen	
Daggett	Etiwanda	

The County is regulated by numerous agencies including the following: California Regional Water Quality Control Board (the Lahontan Region, Santa Ana Region, and Colorado River Basin Region), CalRecycle (formally the California Integrated Waste Management Board), the local enforcement agency, and two Air Quality Management Districts (South Coast and Mohave

Desert). In addition, County operations and capital projects often require negotiations with other federal, state, and local agencies such as, U.S. Fish and Wildlife Services, Army Corp of Engineers, California Department of Transportation, County Land Use Services, and cities located in the County. During the day-to-day operations of the County's waste disposal system, there is often a need to quickly implement construction activities to address many of the aforementioned agencies' orders, directives, comments or concerns. In order to support the County's efforts to comply with these agencies' regulations and directives, the County is seeking Consultants to provide CM/CQA Services at the above-listed sites on an as needed basis. The County may utilize CM and/or CQA services for various repair and/or construction projects and associated appurtenances that include, but are not limited to, the following:

- Fencing (Perimeter, Tortoise, etc.)
- Transfer Station Repairs (Floor, structure, etc.)
- Landfill gas extraction and/or Treatment Systems
- Landfill Cell Creation (Borrow, Liner, etc.)
- Landfill Closures
- Earthwork (covers, slope repair, excavation, etc.)
- On-site Structures (Scalehouse, Scales, etc.)
- Drainage Infrastructure (NPDES BMP, Storm Water Basins, etc.)
- Paved Surfaces (Entrance Road, Scale Area)
- Leachate and condensate collection and treatment facilities
- Miscellaneous structures (earthen, concrete, asphalt, etc.)
- Irrigation and landscaping features (mitigation, conservation, etc.)
- Electrical Infrastructure (in-ground, on pole, distribution appurtenances, etc.)
- Or any other service not specifically listed.

As-needed CM/CQA Services will be provided to the County through the issuance of Task Orders. Each Task Order will be initiated with the determination of Scope of Work by the County. This Scope of Work will be distributed to each of the contracted Consultant(s). Should the Consultant desire to perform the work, the Consultant will provide any additional information relevant to their ability to perform the requested scope, experience in performing similar work, availability of staff to complete the work, and a cost estimate. The County may require the cost estimate be in the form of a "lump sum" cost, or a "time and materials" cost (utilizing Consultant contract labor rates). The County will review the submitted information and cost, and at its sole discretion, select a Consultant to perform the work. Upon agreement with the Consultant, a Task Order will be prepared that will include, at a minimum, the summary of the approach to the County-identified scope of work and the cost estimate and project schedule. The Task Order will be reviewed, and written approval must be provided by the County prior to work activities commencing.

The County shall make available to the Consultant all pertinent data that is in the County's possession in the manner and format the County deems most beneficial, and in the condition it exists.

The County reserves the right to negotiate for a reasonable cost to perform each scope of work prior to issuance of a Task Order. The County reserves the right to reject all Task

Order cost estimates if it deems that estimates are not responsive or lack relevant information.

The Consultant shall be required to work successfully with County staff as a project team.

For any contract awarded as a result of this RFP, no minimum or maximum number of tasks assigned to Consultant can be guaranteed by County.

A. CONSTRUCTION MANAGEMENT (CM) SERVICES

Construction Management (CM) Services to be performed by the Consultant on County projects may include, but are not limited to, the following:

1. Assist SWMD with the pre-award activities.
2. Provide technical and administrative management services for the project, coordination and oversight of all activities related to the construction of the project, maintain close liaison with SWMD's Project Manager, and copy the SWMD Project Manager on all correspondence.
3. Perform the duties of Resident Engineer, including construction inspection, pay quantity calculations, materials sampling and testing, and monitoring of Contractor performance to ensure compliance with project plans, specifications, permits, regulatory requirements and agreements.
4. Maintain project files at the job site. At a minimum, project files shall, where applicable, include the following:
 - All contract documents including relevant Instructions to Bidders, Contract/Agreement, Proposal, Bid Schedule, Subcontractors Listing, Bonds, Non-Collusion Affidavit, General Conditions, Special Conditions, Technical Specifications, Construction Quality Assurance (CQA) Requirements, etc;
 - Relevant permits and requirements from local governments or regulatory agencies.
 - Appropriate reference specifications, standards, and standard plans;
 - Notice to Proceed and contract time accounting procedure and documentation;
 - Equipment and material submittal log (the construction contract shall be reviewed for submittal requirements and due dates shall be established based on the construction schedule);
 - Correspondence log;
 - Progress payment format in compliance with SWMD standards;
 - Project personnel and emergency phone numbers;
 - Contract change order documentation and approval procedures;
 - Daily construction report format. Supplemented by daily geotechnical reports or CQA reports prepared on printed forms;
 - Required safety documentation and equipment;
 - Project photograph log;
 - Record drawing format;
 - Progress meeting format;
 - Pre-construction meeting format
5. Prepare and review agendas and minutes for the pre-construction conference and weekly progress meetings;

6. Provide field surveying services on an as-needed basis during the course of the construction project;
7. Review and monitor the contractor's schedule through weekly meetings, daily inspection records and weekly status reports, and correspondence related to project activities;
8. Identify actual and potential problems associated with the construction project and consult with the design engineer and SWMD personnel to implement engineering solutions;
9. Evaluate, confer with and advise SWMD personnel regarding the status of any significant items, and verify that appropriate notifications and/or coordination for specific events have taken place;
10. Coordinate and review Contract Change Order Requests;
11. Maintain an awareness of health and safety requirements and enforce applicable contract provisions for the protection of the public and project personnel;
12. Coordinate submittal reviews with the design engineer and County personnel;
13. Prepare progress payments to contractor, for SWMD's approval;
14. Review contractor's as-built drawing markups prior to submission to SWMD;
15. Provide temporary field office facilities and appurtenances, as necessary;
16. Prepare construction report(s) that complies with all construction documentation needs and schedules;
17. Other tasks not identified on this list but deemed necessary by SWMD based on the nature of the project;

B. CONSTRUCTION QUALITY ASSURANCE (CQA) SERVICES

Construction Quality Assurance (CQA) services will be provided to ensure that construction is completed in compliance with the Project Specifications, a Construction Quality Assurance (CQA) Plan, or similar regulatory requirement. Typical duties to be performed by the Consultant on future projects may include, but are not limited to the following:

1. Attend the pre-construction meeting;
2. Mobilize field laboratory and field equipment;
3. Attend construction meetings as scheduled;
4. Conduct special meetings, as necessary, to discuss deficiencies in construction materials or techniques;
5. Prepare progress reports;
6. Perform certification of foundation layer;
7. Evaluate final cover materials;
8. Observe and monitor the placement of the final cover material;
9. Perform certification of liner subgrade;
10. Evaluate low-permeability on-site materials;
11. Evaluate demonstration fill pad prepared by the contractor;
12. Observe and monitor the low-permeability material fill placement;
13. Leachate Collection & Removal System CQA;
14. Operations Layer placement CQA;

15. Geosynthetics installation CQA;
16. Anchor trench compaction CQA;
17. Prepare reports and photograph logs;
18. Perform observation and prepare and/or review test data and reports;
19. Assist in the development of the as-built plans;
20. Prepare the final CQA certification report;
21. Other tasks not identified on this list but deemed necessary by SWMD based on the nature of the project.

**CONSTRUCTION MANAGEMENT AND CONSTRUCTION QUALITY
ASSURANCE SERVICES FOR VARIOUS LANDFILL
CONSTRUCTION PROJECTS FOR THE SAN BERNARDINO
COUNTY SOLID WASTE MANAGEMENT DIVISION**

EXHIBIT 2-COST PROPOSAL

Exhibit 2- Cost Proposal
AES Schedule of Fees
2025-2030
(valid October 27, 2025 through October 26, 2030)

San Bernardino County SWMD
Construction Management and Construction Quality Assurance Services
for Various Landfill Construction Projects

	FY 2025- 2026*	FY 2026- 2027*	FY 2027- 2028*	FY 2028- 2029*	FY 2029- 2030**
Labor					
1. Senior Principal	\$280	\$288	\$297	\$306	\$315
2. Principal Engineer/Geologist	\$270	\$278	\$286	\$295	\$304
3. Project Manager/CQA Manager	\$255	\$263	\$271	\$279	\$287
4. Associate	\$240	\$247	\$255	\$262	\$270
5. Senior Engineer/Geologist	\$225	\$232	\$239	\$246	\$253
6. Project Engineer/Geologist	\$195	\$201	\$207	\$213	\$219
7. Senior Staff Engineer/Geologist	\$180	\$185	\$191	\$197	\$203
8. Staff Engineer/Geologist	\$165	\$170	\$175	\$180	\$186
9. Senior Technician/Technician (Regular) (Non-Prevailing Wage)	\$115	\$118	\$122	\$126	\$129
10. Senior Technician/Technician (OT) (Non-Prevailing Wage)	\$135	\$139	\$143	\$148	\$152
11. Senior Technician/Technician (Prevailing Wage)	\$157	\$162	\$167	\$172	\$177
12. Senior Technician/Technician (Prevailing Wage OT)	\$187	\$193	\$198	\$204	\$210
13. CADD/Graphics	\$140	\$144	\$149	\$153	\$158
14. Word Processor/Project Administrator	\$110	\$113	\$117	\$120	\$124
Surveying					
Professional Land Surveyor	\$210	\$216	\$223	\$229	\$236
Survey Crew – 2 Person	\$335	\$345	\$355	\$366	\$377
Survey Crew – 3 Person	\$485	\$500	\$515	\$530	\$546

Exhibit 2 - Cost Proposal
AES Schedule of Fees
2025-2030
(valid October 27, 2025 through October 26, 2030)

San Bernardino County SWMD
Construction Management and Construction Quality Assurance Services
for Various Landfill Construction Projects

	FY 2025-2026*	FY 2026-2027*	FY 2027-2028*	FY 2028-2029*	FY 2029-2030**
ODCs					
Subcontractors and Out-of-Pocket Expenses	Cost + 10%	Cost + 10%	Cost + 10%	Cost + 10%	Cost + 10%
Field Vehicles	\$90/day or \$1,700/month	\$90/day or \$1,700/month	\$90/day or \$1,700/month	\$95/day or \$1,800/month	\$95/day or \$1,800/month
Per Diem (if applicable)	GSA Rate	GSA Rate	GSA Rate	GSA Rate	GSA Rate
Auto Mileage	Federal Rate	Federal Rate	Federal Rate	Federal Rate	Federal Rate
Field Equipment					
Nuclear Gauge	\$180/week or \$60/day	\$180/week or \$60/day	\$180/week or \$60/day	\$190/week or \$65/day	\$190/week or \$65/day

*Fiscal Year is July 1 of the first year through June 30 of the following year

**Rates valid through end of contract in October 2030

Exhibit 2 - Cost Proposal
Accenture Schedule of Fees
2025-2030
(valid October 27, 2025 – October 26, 2030)

San Bernardino County SWMD
Construction Management and Construction Quality Assurance Services
for Various Landfill Construction Projects

FEE SCHEDULE



October 27, 2025 – October 26, 2030

Position	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30
Principal	\$ 278.00	\$ 287.00	\$ 296.00	\$ 305.00	\$ 315.00
Construction Manager, Senior	\$ 235.00	\$ 243.00	\$ 251.00	\$ 259.00	\$ 267.00
Construction Manager, IV	\$ 210.00	\$ 217.00	\$ 224.00	\$ 231.00	\$ 238.00
Construction Manager, III	\$ 171.00	\$ 177.00	\$ 183.00	\$ 189.00	\$ 195.00
Construction Manager, II	\$ 148.00	\$ 153.00	\$ 158.00	\$ 163.00	\$ 168.00
Construction Manager, I	\$ 124.00	\$ 128.00	\$ 132.00	\$ 136.00	\$ 141.00
Document Control, Senior	\$ 119.00	\$ 123.00	\$ 127.00	\$ 131.00	\$ 135.00
Document Control	\$ 103.00	\$ 107.00	\$ 111.00	\$ 115.00	\$ 119.00
Labor Compliance Manager	\$ 133.00	\$ 137.00	\$ 142.00	\$ 147.00	\$ 152.00
Labor Compliance Analyst	\$ 114.00	\$ 118.00	\$ 122.00	\$ 126.00	\$ 130.00
Scheduler, Manager	\$ 221.00	\$ 228.00	\$ 235.00	\$ 243.00	\$ 251.00
Scheduler	\$ 182.00	\$ 188.00	\$ 194.00	\$ 200.00	\$ 206.00
Estimator, Manager	\$ 221.00	\$ 228.00	\$ 235.00	\$ 243.00	\$ 251.00
Estimator	\$ 182.00	\$ 188.00	\$ 194.00	\$ 200.00	\$ 206.00
Estimator, Junior	\$ 133.00	\$ 137.00	\$ 142.00	\$ 147.00	\$ 152.00

ODC's (Reimbursable Expenses)

Description	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30
Vehicles	\$ 1,600.00	\$ 1,650.00	\$ 1,700.00	\$ 1,750.00	\$ 1,800.00
CM Software (As-Requested)	\$ 1,400.00	\$ 1,450.00	\$ 1,500.00	\$ 1,550.00	\$ 1,600.00

Notes:

- These labor rates are all inclusive, including hourly base rate, fringe benefits, overhead, general and administration costs and profit.
- The above rates do not include temporary construction trailers, office supplies (wifi, copier, etc.), out-of-town travel, hotel, or meal expenses.
- These rates will be valid October 27, 2025 – October 26, 2030

Exhibit 2 - Cost Proposal
APTIM Schedule of Fees
2025-2030
(valid October 27, 2025 through October 26, 2030)

San Bernardino County SWMD
Construction Management and Construction Quality Assurance Services
for Various Landfill Construction Projects

<u>Title</u>	<u>Rate Fee</u>				
	<u>FY 2025-2026*</u>	<u>FY 2026-2027*</u>	<u>FY 2027-2028*</u>	<u>FY 2028-2029*</u>	<u>FY 2029-2030**</u>
Director	\$285.00	\$305.00	\$305.00	\$330.00	\$330.00
Principal	\$270.00	\$290.00	\$290.00	\$315.00	\$315.00
Professional Level V	\$210.00	\$225.00	\$225.00	\$250.00	\$250.00
Professional Level IV	\$170.00	\$185.00	\$185.00	\$200.00	\$200.00
Professional Level III	\$140.00	\$155.00	\$155.00	\$165.00	\$165.00
Professional Level II	\$110.00	\$120.00	\$120.00	\$130.00	\$130.00
Professional Level I	\$95.00	\$105.00	\$105.00	\$110.00	\$110.00
Technician	\$75.00	\$80.00	\$80.00	\$90.00	\$90.00
Administrator Assistant	\$65.00	\$70.00	\$70.00	\$75.00	\$75.00
Truck Daily Rate (Plus Fuel)	\$80.00	\$85.00	\$85.00	\$90.00	\$90.00
GEM 5000 Daily Rate	\$20.00	\$25.00	\$25.00	\$30.00	\$30.00

*Fiscal Year is July 1 of the first year through June 30 of the following year

**Rates valid through end of contract in October 2030



Aptim Environmental & Infrastructure, LLC

Exhibit 2 - Cost Proposal
Geotechnical Laboratory Testing Fees
2025-2030
(valid October 27, 2025 through October 26, 2030)

San Bernardino County SWMD
Construction Management and Construction Quality Assurance Services
for Various Landfill Construction Projects

A. Identification and Index Properties Test

Moisture Content-ASTM D2216	\$30.00
Moisture Content & Density-ASTM D2937	
Shelby Tube Sample	\$54.00
Ring Sample	\$44.40
Atterberg Limits (3 Points)-ASTM D4318	\$192.00
Atterberg Limits (Single Point, Non-Plastic)-ASTM D4318	\$108.00
Visual Classification as Non-Plastic-ASTM D2488	\$18.00
Particle-Size Analysis	
Sieve Analysis (1.5 in. to #200)-ASTM C136 or D6913	\$186.00
Sieve Analysis (6 in. to #200)-ASTM C136 or D6913	\$234.00
Hydrometer Only-ASTM D7928	\$144.00
Sieve + Hydrometer (≤ 3 in.)-ASTM D6913 and D7928	\$240.00
Percent Passing #200 Sieve-ASTM D1140	\$90.00
Specific Gravity	
Fine (passing #4)-ASTM D854/ASTM C128	\$168.00
Coarse (retained on #4)-ASTM C127	\$132.00
Sand Equivalent Value-ASTM D2419	\$138.00
Uncompacted Void Content of Fine Aggregate-ASTM C1252	\$168.00

B. Soil Chemistry

Soil pH Method A-ASTM D4972 or DOT CA Test 643	\$60.00
Minimum Electrical Resistivity (Single Point-As Received Moisture)-DOT CA Test 643	\$60.00
Minimum Electrical Resistivity (3 Moisture Point)-ASTM G187 or DOT CA Test 643	\$114.00
Soil pH + Minimum Electrical Resistivity-DOT CA Test 643	\$168.00
Sulfate Content-DOT CA Test 417 Part 2	\$102.00
Chloride Content-DOT CA Test 422	\$102.00
Corrosion Suite including all of the above	\$342.00
Organic Matter Content-ASTM D2974	\$84.00

Exhibit 2 - Cost Proposal
Geotechnical Laboratory Testing Fees
2025-2030
(valid October 27, 2025 through October 26, 2030)

San Bernardino County SWMD
Construction Management and Construction Quality Assurance Services
for Various Landfill Construction Projects

C. Compaction and Bearing Capacity

Standard Proctor Compaction-ASTM D698	
Procedures A and B (4-inch mold)	\$204.00
Procedure C (6-inch mold)	\$276.00
Modified Proctor Compaction-ASTM D1557	
Procedures A and B (4-inch mold)	\$282.00
Procedure C (6-inch mold)	\$318.00
Check Point (per Point)	\$84.00
California Bearing Ratio (CBR)-ASTM D1883	
Three Point	\$642.00
One Point	\$240.00
R-Value (Untreated)-ASTM D2844	\$438.00

D. Shear Strength

Direct Shear-Soil (Prices for Three Points)	
Consolidated-Undrained (0.05 in./min)-ASTM D3080	\$384.00
Consolidated-Drained (<0.05 in./min)-ASTM D3080	\$462.00
Residual Shear Strength (Each Additional Pass)-EM 1110-2-1906-IXA	\$66.00
Remolding of Specimens (per Set of 3)	\$114.00
Oriented or Block Hand Trimming (per hour)	\$84.00
Single Point Shear	\$138.00
Torsional Shear-ASTM D6467/D7608	\$1,056.00

E. Static Uniaxial and Triaxial Strength Tests

Unconfined Compression-ASTM D2166 on Undisturbed Sample	\$174.00
Unconsolidated Undrained (UU,Q)-ASTM D2850 (per Confining Stress)	\$222.00
Consolidated Undrained (CU,R) with Back Pressure Saturation and Pore Water Pressure Measurement-ASTM D4767 (per Point)	\$480.00
Consolidated Drained (CD,S) with Volume Change Measurement	
-Sand or Silty Sand Soils (per Point)	\$480.00
-Silt or Clayey Sand Soils (per Point)	\$642.00
-Clay Soils (per Point)	\$906.00
Three Stage Triaxial Tests	
-Sand or Silty Sand Soils (per Point)	\$840.00
-Silt or Clayey Sand Soils (per Point)	\$1,122.00
-Clay Soils (per Point)	\$1,584.00
Hand Trimming or Remolding of Specimens (per Sample)	\$84.00

**Exhibit 2 - Cost Proposal
Geotechnical Laboratory Testing Fees
2025-2030
(valid October 27, 2025 through October 26, 2030)**

**San Bernardino County SWMD
Construction Management and Construction Quality Assurance Services
for Various Landfill Construction Projects**

F. Consolidation and Swell Tests

Consolidation Test-ASTM D2435	
Six Load Increments from 0.2 up to 12.8 ksf and Unload to 0.2 ksf (Including Plot)	\$252.00
Each Additional Loading or Unloading Increment w/o Time Reading	\$54.00
Each Additional Time Curve	\$60.00
Expansion Index Test-ASTM D4829	\$168.00
Swell/Collapse (up to 10 Points w/o Time Curves)-ASTM D4546-A	\$372.00
Single Load Swell/Collapse Test-ASTM D4546-B	\$138.00

G. Hydraulic Conductivity Tests

Constant Head Permeability of Granular Soils-ASTM D2434	\$174.00
Triaxial Permeability in Flexible-Wall Permeameter- ASTM D5084	
Measurement at One Effective Stress	\$402.00
Each Additional Effective Stress	\$156.00
Hand Trimming or Remolding of Specimens	\$84.00
Unsaturated Hydraulic Characteristics Suite - ASTM D6836	\$1,440.00

H. Concrete Cylinders

Compressive Strength (per Cylinder)	\$48.00
Test Report (per Set)	\$156.00

Standard Contract
EXHIBIT 3

INVOICE SUMMARY

Company Name/Letterhead
Remit to Address
City, State, Zip Code

SAMPLE

Date

San Bernardino County
Department of Public Works
Solid Waste Management Division
222 W. Hospitality Lane, 2nd Floor

Invoice # _____

San Bernardino, CA 92415-0017

Attention: Fiscal Section

Project Title: "Anytown" Landfill-Expansion

Description of the Project: Conceptual Design and Permitting for the Expansion Area

Contract #: 00-000

INVOICE SUMMARY

Site Location	Task #	Scope of Work	Amount	Less	Net Amount
"Anytown"	100	Design Parameters	\$	(\$)	\$
"Anytown"	200	Geotechnical Analysis	\$	(\$)	\$
"Anytown"	500	CEQA Support/Public Relations	\$	(\$)	\$
"Anytown"	900	Meetings/Project Coordination/Admin			
		Total Current Charges	\$ (\$)		
		Total Charges Due	\$		

Submitted by: _____
(Name) (Title)

(Telephone)

Note: ALL terminology should be consistent with language used in the contract.