

**City and County of San Francisco
Office of Contract Administration
Purchasing Division
City Hall, Room 430
1 Dr. Carlton B. Goodlett Place
San Francisco, California 94102-4685**

**Agreement between the City and County of San Francisco and
Applied Technology & Science**

PRO.0066.B Natural Resources Specialized and Technical Services

This Agreement is made this Fifteenth day of November, 2018, in the City and County of San Francisco ("City"), State of California, by and between Applied Technology & Science, 5 Third Street, Suite 1010 San Francisco, CA 94103 ("Contractor") and City.

Recitals

WHEREAS, the San Francisco Public Utilities Commission ("Department," or "SFPUC") requires specialized planning and technical services to support the operations and maintenance of restoration projects, mitigation programs, watershed lands, Right of Way (ROW) lands, and components of the SFPUC water and wastewater systems with an environmental nexus (such as dams, reservoirs, and any locations where maintenance of or discharges from SFPUC infrastructure may affect the environment); and

WHEREAS, this Agreement was competitively procured as required by San Francisco Administrative Code Chapter 21.1 through a Request for Proposals ("RFP") issued on May 10, 2018, in which City selected Contractor as the highest qualified scorer pursuant to the RFP; and

WHEREAS, the Local Business Enterprise ("LBE") subcontracting participation requirement for this Agreement is **10%**;

WHEREAS, Contractor represents and warrants that it is qualified to perform the Services required by City as set forth under this Agreement; and

WHEREAS, the City's Civil Service Commission approved Contract number 46388-17/18 on April 16, 2018;

WHEREAS, the San Francisco Public Utilities Commission awarded this Agreement to Contractor under Resolution No. 18-0141 on August 28, 2018; and

WHEREAS, approval for this Agreement was obtained from the San Francisco Board of Supervisors by Resolution Number 345-18 on October 26, 2018.

Now, THEREFORE, the parties agree as follows:

Article 1 Definitions

The following definitions apply to this Agreement:

1.1 "Agreement" means this contract document, including all attached appendices, and all applicable City Ordinances and Mandatory City Requirements which are specifically incorporated into this Agreement by reference as provided herein.

1.2 "City" or "the City" means the City and County of San Francisco, a municipal corporation, acting by and through both its Director of the Office of Contract Administration or the Director's designated agent, hereinafter referred to as "Purchasing," and SFPUC.

1.3 "CMD" means the Contract Monitoring Division of the City.

1.4 "Contractor" or "Consultant" means Applied Technology & Science, 5 Third Street, Suite 1010 San Francisco, CA 94103.

1.5 "Deliverables" means Contractor's work product resulting from the Services that are provided by Contractor to City during the course of Contractor's performance of the Agreement, including without limitation, the work product described in the "Scope of Services" attached as Appendix A.

1.6 "Effective Date" means the Effective Date stated in the Notice of Contract Award issued by the SFPUC once the Agreement has been fully executed and approved.

1.7 "Mandatory City Requirements" means those City laws set forth in the San Francisco Municipal Code, including the duly authorized rules, regulations, and guidelines implementing such laws, that impose specific duties and obligations upon Contractor.

1.8 "Party" and "Parties" mean the City and Contractor either collectively or individually.

1.9 "Services" means the work performed by Contractor under this Agreement as specifically described in the "Scope of Services" attached as Appendix A, including all services, labor, supervision, materials, equipment, actions and other requirements to be performed and furnished by Contractor under this Agreement.

Article 2 Term of the Agreement

2.1 The term of this Agreement shall commence on the later of: (i) January 1, 2019 ; or (ii) the Effective Date and expire on January 1, 2029, unless earlier terminated as otherwise provided herein.

2.2 The City may extend this Agreement beyond the expiration date by exercising an option at the City's sole and absolute discretion and by modifying this Agreement as provided in Section 11.5, "Modification of this Agreement."

Article 3 Financial Matters

3.1 **Certification of Funds; Budget and Fiscal Provisions; Termination in the Event of Non-Appropriation.** This Agreement is subject to the budget and fiscal provisions of the City's Charter. Charges will accrue only after prior written authorization certified by the Controller, and the amount of City's obligation hereunder shall not at any time exceed the amount certified for the purpose and period stated in such advance authorization. This

Agreement will terminate without penalty, liability or expense of any kind to City at the end of any fiscal year if funds are not appropriated for the next succeeding fiscal year. If funds are appropriated for a portion of the fiscal year, this Agreement will terminate, without penalty, liability or expense of any kind at the end of the term for which funds are appropriated. City has no obligation to make appropriations for this Agreement in lieu of appropriations for new or other agreements. City budget decisions are subject to the discretion of the Mayor and the Board of Supervisors. Contractor's assumption of risk of possible non-appropriation is part of the consideration for this Agreement.

THIS SECTION CONTROLS AGAINST ANY AND ALL OTHER PROVISIONS OF THIS AGREEMENT.

3.2 Guaranteed Maximum Costs. The City's payment obligation to Contractor cannot at any time exceed the amount certified by City's Controller for the purpose and period stated in such certification. Absent an authorized Emergency per the City Charter or applicable Code, no City representative is authorized to offer or promise, nor is the City required to honor, any offered or promised payments to Contractor under this Agreement in excess of the certified maximum amount without the Controller having first certified the additional promised amount and the Parties having modified this Agreement as provided in Section 11.5, "Modification of this Agreement."

3.3 Compensation.

3.3.1 Payment. Contractor shall provide an invoice to the City on a monthly basis for Services completed in the immediate preceding month, unless a different schedule is set out in Appendix B, "Calculation of Charges." Compensation shall be made for Services identified in the invoice that the General Manager of the SFPUC, in his or her sole discretion, concludes has been satisfactorily performed. Payment shall be made within 30 calendar days of receipt of the invoice, unless the City notifies the Contractor that a dispute as to the invoice exists. In no event shall the amount of this Agreement exceed **Fourteen Million Dollars (\$14,000,000)**. The breakdown of charges associated with this Agreement appears in Appendix B, "Calculation of Charges," attached hereto and incorporated by reference as though fully set forth herein. A portion of payment may be withheld until conclusion of the Agreement if agreed to both parties as retainage, described in Appendix B. In no event shall the City be liable for interest or late charges for any late payments.

3.3.2 Payment Limited to Satisfactory Services. Contractor is not entitled to any payments from City until SFPUC approves Services, including any furnished Deliverables, as satisfying all of the requirements of this Agreement. Payments to Contractor by City shall not excuse Contractor from its obligation to replace unsatisfactory Deliverables, including equipment, components, materials, or Services even if the unsatisfactory character of such Deliverables, equipment, components, materials, or Services may not have been apparent or detected at the time such payment was made. Deliverables, equipment, components, materials and Services that do not conform to the requirements of this Agreement may be rejected by City and in such case must be replaced by Contractor without delay at no cost to the City.

3.3.3 Withhold Payments. If Contractor fails to provide Services in accordance with Contractor's obligations under this Agreement, the City may withhold any and all payments due Contractor until such failure to perform is cured, and Contractor shall not stop work as a result of City's withholding of payments as provided herein.

3.3.4 Invoice Format. Invoices furnished by Contractor under this Agreement must be in a form acceptable to the Controller and City, and must include a unique invoice number. Payment shall be made by City as specified in 3.3.6, or in such alternate manner as the Parties have mutually agreed upon in writing.

3.3.5 LBE Payment and Utilization Tracking System. Contractor must submit all required payment information using the City's invoicing and payment processing system as directed by CMD to enable the City to monitor Contractor's compliance with the LBE subcontracting commitments in this Agreement. Contractor shall pay its LBE subcontractors within three working days after receiving payment from the City, except as otherwise authorized by the LBE Ordinance. The Controller is not authorized to pay invoices submitted by Contractor prior to Contractor's submission of all required CMD payment information. Failure to submit all required payment information to the City's invoicing and payment processing system with each payment request may result in the Controller withholding 20% of the payment due pursuant to that invoice until the required payment information is provided. Following City's payment of an invoice, Contractor has ten calendar days to acknowledge using the online LBEUTS that all subcontractors have been paid. Contractor shall attend a LBEUTS training session. LBEUTS training session schedules are available at www.sfgov.org/lbeuts.

3.3.6 Getting paid for goods and/or services from the City.

(a) All City vendors receiving new contracts, contract renewals, or contract extensions must sign up to receive electronic payments through the City's Automated Clearing House (ACH) payments service/provider. Electronic payments are processed every business day and are safe and secure. To sign up for electronic payments, visit www.sfgov.org/ach.

(b) The following information is required to sign up: (i) The enroller must be their company's authorized financial representative, (ii) the company's legal name, main telephone number and all physical and remittance addresses used by the company, (iii) the company's U.S. federal employer identification number (EIN) or Social Security number (if they are a sole proprietor), and (iv) the company's bank account information, including routing and account numbers.

3.3.7 Reserved. (Grant Funded Contracts)

3.4 Audit and Inspection of Records. Contractor agrees to maintain and make available to the City, during regular business hours, accurate books and accounting records relating to its Services. Contractor will permit City to audit, examine and make excerpts and transcripts from such books and records, and to make audits of all invoices, materials, payrolls, records or personnel and other data related to all other matters covered by this Agreement, whether funded in whole or in part under this Agreement. Contractor shall maintain such data and records in an accessible location and condition for a period of not fewer than five years after final payment under this Agreement or until after final audit has been resolved, whichever is later. The State of California or any Federal agency having an interest in the subject matter of this Agreement shall have the same rights as conferred upon City by this Section. Contractor shall include the same audit and inspection rights and record retention requirements in all subcontracts.

3.5 Submitting False Claims. The full text of San Francisco Administrative Code Chapter 21, Section 21.35, including the enforcement and penalty provisions, is incorporated into this Agreement. Pursuant to San Francisco Administrative Code §21.35, any contractor or subcontractor who submits a false claim shall be liable to the City for the statutory penalties set forth in that section. A contractor or subcontractor will be deemed to have submitted a false claim to the City if the contractor or subcontractor: (a) knowingly presents or causes to be presented to an officer or employee of the City a false claim or request for payment or approval; (b) knowingly makes, uses, or causes to be made or used a false record or statement to get a false claim paid or approved by the City; (c) conspires to defraud the City by getting a false claim allowed or paid by the City; (d) knowingly makes, uses, or causes to be made or used a false record or statement to conceal, avoid, or decrease an obligation to pay or transmit money or property to the City; or (e) is a beneficiary of an inadvertent submission of a false claim to the City, subsequently discovers the falsity of the claim, and fails to disclose the false claim to the City within a reasonable time after discovery of the false claim.

3.6 Payment of Prevailing Wages.

3.6.1 Covered Services. Services to be performed by Contractor under this Agreement may involve the performance of trade work covered by the provisions of Section 6.22(e) [Prevailing Wages] of the Administrative Code (collectively, "Covered Services"). The provisions of Section 6.22(e) of the Administrative Code are incorporated as provisions of this Agreement as if fully set forth herein and will apply to any Covered Services performed by Contractor and its subcontractors.

3.6.2 Wage Rates. The latest prevailing wage rates for private employment on public contracts as determined by the San Francisco Board of Supervisors and the Director of the California Department of Industrial Relations, as such prevailing wage rates may be changed during the term of this Agreement, are hereby incorporated as provisions of this Agreement. Copies of the prevailing wage rates as fixed and determined by the Board of Supervisors are available from the Office of Labor Standards and Enforcement ("OLSE") and are also available on the Internet at <http://www.dir.ca.gov/DLSR/PWD>. Contractor agrees that it shall pay not less than the prevailing wage rates, as fixed and determined by the Board, to all workers employed by Contractor who perform Covered Services under this Agreement. Contractor further agrees as follows:

3.6.3 Subcontract Requirements. As required by Section 6.22(e)(5) of the Administrative Code, Contractor shall insert in every subcontract or other arrangement, which it may make for the performance of Covered Services under this Agreement, a provision that said subcontractor shall pay to all persons performing labor in connection with Covered Services under said subcontract or other arrangement not less than the highest general prevailing rate of wages as fixed and determined by the Board of Supervisors for such labor or services.

3.6.4 Posted Notices. As required by Section 1771.4 of the California Labor Code, Contractor shall post job site notices prescribed by the California Department of Industrial Relations ("DIR") at all job sites where Covered Services are to be performed.

3.6.5 Payroll Records. As required by Section 6.22(e)(6) of the Administrative Code and Section 1776 of the California Labor Code, Contractor shall keep or cause to be kept complete and accurate payroll records for all trade workers performing Covered Services. Such records shall include the name, address and social security number of each worker who provided

Covered Services on the project, including apprentices, his or her classification, a general description of the services each worker performed each day, the rate of pay (including rates of contributions for, or costs assumed to provide fringe benefits), daily and weekly number of hours worked, deductions made and actual wages paid. Every subcontractor who shall undertake the performance of any part of Covered Services shall keep a like record of each person engaged in the execution of Covered Services under the subcontract. All such records shall at all times be available for inspection of and examination by the City and its authorized representatives and the DIR.

3.6.6 Certified Payrolls. Certified payrolls shall be prepared pursuant to Administrative Code Section 6.22(e)(6) and California Labor Code Section 1776 for the period involved for all employees, including those of subcontractors, who performed labor in connection with Covered Services. Contractor and each subcontractor performing Covered Services shall submit certified payrolls to the City and to the DIR electronically. Contractor shall submit payrolls to the City via the reporting system selected by the City. The DIR will specify how to submit certified payrolls to it. The City will provide basic training in the use of the reporting system at a scheduled training session. Contractor and all subcontractors that will perform Covered Services must attend the training session. Contractor and applicable subcontractors shall comply with electronic certified payroll requirements (including training) at no additional cost to the City.

3.6.7 Compliance Monitoring. Covered Services to be performed under this Agreement are subject to compliance monitoring and enforcement of prevailing wage requirements by the DIR and /or the OLSE. Contractor and any subcontractors performing Covered Services will cooperate fully with the DIR and/or the OLSE and other City employees and agents authorized to assist in the administration and enforcement of the prevailing wage requirements, and agrees to take the specific steps and actions as required by Section 6.22(e)(7) of the Administrative Code. Steps and actions include but are not limited to requirements that: (A) the Contractor will cooperate fully with the Labor Standards Enforcement Officer and other City employees and agents authorized to assist in the administration and enforcement of the Prevailing Wage requirements and other labor standards imposed on Public Works Contractor by the Charter and Chapter 6 of the San Francisco Administrative Code; (B) the Contractor agrees that the Labor Standards Enforcement Officer and his or her designees, in the performance of their duties, shall have the right to engage in random inspections of job sites and to have access to the employees of the Contractor, employee time sheets, inspection logs, payroll records and employee paychecks; (C) the contractor shall maintain a sign-in and sign-out sheet showing which employees are present on the job site; (D) the Contractor shall prominently post at each job-site a sign informing employees that the project is subject to the City's Prevailing Wage requirements and that these requirements are enforced by the Labor Standards Enforcement Officer; and (E) that the Labor Standards Enforcement Officer may audit such records of the Contractor as he or she reasonably deems necessary to determine compliance with the Prevailing Wage and other labor standards imposed by the Charter and this Chapter on Public Works Contractors. Failure to comply with these requirements may result in penalties and forfeitures consistent with analogous provisions of the California Labor Code, including Section 1776(g), as amended from time to time.

3.6.8 Remedies. Should Contractor, or any subcontractor who shall undertake the performance of any Covered Services, fail or neglect to pay to the persons who perform

Covered Services under this Contract, subcontract or other arrangement for the Covered Services, the general prevailing rate of wages as herein specified, Contractor shall forfeit, and in the case of any subcontractor so failing or neglecting to pay said wage, Contractor and the subcontractor shall jointly and severally forfeit, back wages due plus the penalties set forth in Administrative Code Section 6.22 (e) and/or California Labor Code Section 1775. The City, when certifying any payment, which may become due under the terms of this Agreement, shall deduct from the amount that would otherwise be due on such payment the amount of said forfeiture.

Article 4 Services and Resources

4.1 Services Contractor Agrees to Perform. Contractor agrees to perform the Services provided for in Appendix A, "Scope of Services." Officers and employees of the City are not authorized to request, and the City is not required to reimburse the Contractor for, Services beyond the Scope of Services listed in Appendix A, unless Appendix A is modified as provided in Section 11.5, "Modification of this Agreement."

4.2 Qualified Personnel. Contractor shall utilize only competent personnel under the supervision of, and in the employment of, Contractor (or Contractor's authorized subcontractors) to perform the Services. Contractor will comply with City's reasonable requests regarding assignment and/or removal of personnel, but all personnel, including those assigned at City's request, must be supervised by Contractor. Contractor shall commit adequate resources to allow timely completion within the project schedule specified in this Agreement.

4.3 Subcontracting.

4.3.1 Contractor may subcontract portions of the Services only upon prior written approval of City. Contractor is responsible for its subcontractors throughout the course of the work required to perform the Services. All Subcontracts must incorporate the terms of Article 10 "Additional Requirements Incorporated by Reference" of this Agreement, unless inapplicable. Neither Party shall, on the basis of this Agreement, contract on behalf of, or in the name of, the other Party. Any agreement made in violation of this provision shall be null and void.

4.3.2 City's execution of this Agreement constitutes its approval of the subcontractors listed in Appendix B, Calculation of Charges. Consistent with SFPUC policy, any modifications to the list of subcontractors must be effectuated via City's approved invoice processing system, subject to the written approval of the City, and CMD, as needed.

4.4 Independent Contractor; Payment of Employment Taxes and Other Expenses.

4.4.1 Independent Contractor. For the purposes of this Article 4, "Contractor" shall be deemed to include not only Contractor, but also any agent or employee of Contractor. Contractor acknowledges and agrees that at all times, Contractor or any agent or employee of Contractor shall be deemed at all times to be an independent contractor and is wholly responsible for the manner in which it performs the services and work requested by City under this Agreement. Contractor, its agents, and employees will not represent or hold themselves out to be employees of the City at any time. Contractor or any agent or employee of Contractor shall not have employee status with City, nor be entitled to participate in any plans, arrangements, or distributions by City pertaining to or in connection with any retirement, health or other benefits that City may offer its employees. Contractor or any agent or employee of Contractor is liable for

the acts and omissions of itself, its employees and its agents. Contractor shall be responsible for all obligations and payments, whether imposed by federal, state or local law, including, but not limited to, FICA, income tax withholdings, unemployment compensation, insurance, and other similar responsibilities related to Contractor's performing services and work, or any agent or employee of Contractor providing same. Nothing in this Agreement shall be construed as creating an employment or agency relationship between City and Contractor or any agent or employee of Contractor. Any terms in this Agreement referring to direction from City shall be construed as providing for direction as to policy and the result of Contractor's work only, and not as to the means by which such a result is obtained. City does not retain the right to control the means or the method by which Contractor performs work under this Agreement. Contractor agrees to maintain and make available to City, upon request and during regular business hours, accurate books and accounting records demonstrating Contractor's compliance with this section. Should City determine that Contractor, or any agent or employee of Contractor, is not performing in accordance with the requirements of this Agreement, City shall provide Contractor with written notice of such failure. Within five (5) business days of Contractor's receipt of such notice, and in accordance with Contractor policy and procedure, Contractor shall remedy the deficiency. Notwithstanding, if City believes that an action of Contractor, or any agent or employee of Contractor, warrants immediate remedial action by Contractor, City shall contact Contractor and provide Contractor in writing with the reason for requesting such immediate action.

4.4.2 Payment of Employment Taxes and Other Expenses. Should City, in its discretion, or a relevant taxing authority such as the Internal Revenue Service or the State Employment Development Division, or both, determine that Contractor is an employee for purposes of collection of any employment taxes, the amounts payable under this Agreement shall be reduced by amounts equal to both the employee and employer portions of the tax due (and offsetting any credits for amounts already paid by Contractor which can be applied against this liability). City shall then forward those amounts to the relevant taxing authority. Should a relevant taxing authority determine a liability for past services performed by Contractor for City, upon notification of such fact by City, Contractor shall promptly remit such amount due or arrange with City to have the amount due withheld from future payments to Contractor under this Agreement (again, offsetting any amounts already paid by Contractor which can be applied as a credit against such liability). A determination of employment status pursuant to the preceding two paragraphs shall be solely for the purposes of the particular tax in question, and for all other purposes of this Agreement, Contractor shall not be considered an employee of City. Notwithstanding the foregoing, Contractor agrees to indemnify and save harmless City and its officers, agents and employees from, and, if requested, shall defend them against any and all claims, losses, costs, damages, and expenses, including attorneys' fees, arising from this section.

4.5 Assignment. The Services to be performed by Contractor are personal in character and neither this Agreement nor any duties or obligations hereunder may be assigned or delegated by Contractor unless first approved by City by written instrument executed and approved in the same manner as this Agreement. Any purported assignment made in violation of this provision shall be null and void.

4.6 Warranty. Contractor warrants to City that the Services will be performed with the degree of skill and care that is required by current, good and sound professional procedures and practices, and in conformance with generally accepted professional standards prevailing at

the time the Services are performed so as to ensure that all Services performed are correct and appropriate for the purposes contemplated in this Agreement.

4.7 Reserved. (Liquidated Damages)

Article 5 Insurance and Indemnity

5.1 Insurance.

5.1.1 Required Coverages. Without in any way limiting Contractor's liability pursuant to the "Indemnification" section of this Agreement, Contractor must maintain in force, during the full term of the Agreement, insurance in the following amounts and coverages:

(a) Workers' Compensation, in statutory amounts, with Employers' Liability Limits not less than \$1,000,000 each accident, injury, or illness; and

(b) Commercial General Liability Insurance with limits not less than \$1,000,000 each occurrence and \$2,000,000 general aggregate for Bodily Injury and Property Damage, including Contractual Liability, Personal Injury, Products and Completed Operations; and

(c) Commercial Automobile Liability Insurance with limits not less than \$1,000,000 each occurrence, "Combined Single Limit" for Bodily Injury and Property Damage, including Owned, Non-Owned and Hired auto coverage, as applicable.

(d) Professional liability insurance, applicable to Contractor's profession, with limits not less than \$2,000,000 each claim with respect to negligent acts, errors or omissions in connection with the Services.

(e) U.S. Longshore and Harborworkers' Act Insurance; Jones Act. Each as applicable, and endorsed to provide Waiver of Subrogation in favor of the City. U.S. Longshore and Harborworkers' Act insurance in statutory amounts, and Jones Act insurance with limits to be agreed, covering all persons employed directly by Contractor in accordance with applicable law or statute.

(f) Commercial Marine Liability Insurance with limits not less than \$1,000,000 each occurrence Combined Single Limit for Bodily Injury and Property Damage, including Owned, Non-Owned and Hired marine coverage, as applicable.

5.1.2 Commercial General Liability and Commercial Automobile Liability Insurance policies must be endorsed to provide:

(a) Name as Additional Insured the City and County of San Francisco, its Officers, Agents, and Employees.

(b) That such policies are primary insurance to any other insurance available to the Additional Insureds, with respect to any claims arising out of this Agreement, and that insurance applies separately to each insured against whom claim is made or suit is brought.

5.1.3 All policies shall be endorsed to provide thirty (30) days' advance written notice to the City of cancellation for any reason, intended non-renewal, or reduction in coverages, except for non-payment for which no less than ten (10) days' notice. Notices shall be sent to the City address set forth in Section 11.1, entitled "Notices to the Parties."

5.1.4 Should any of the required insurance be provided under a claims-made form, Contractor shall maintain such coverage continuously throughout the term of this Agreement and, without lapse, for a period of three years beyond the expiration of this Agreement, to the effect that, should occurrences during the contract term give rise to claims made after expiration of the Agreement, such claims shall be covered by such claims-made policies.

5.1.5 Should any of the required insurance be provided under a form of coverage that includes a general annual aggregate limit or provides that claims investigation or legal defense costs be included in such general annual aggregate limit, such general annual aggregate limit shall be double the occurrence or claims limits specified above.

5.1.6 Should any required insurance lapse during the term of this Agreement, requests for payments originating after such lapse shall not be processed until the City receives satisfactory evidence of reinstated coverage as required by this Agreement, effective as of the lapse date. If insurance is not reinstated, the City may, at its sole option, terminate this Agreement effective on the date of such lapse of insurance.

5.1.7 Before commencing any Services, Contractor shall furnish to City certificates of insurance and additional insured policy endorsements with insurers with ratings comparable to A-, VIII or higher, that are authorized to do business in the State of California, and that are satisfactory to City, in form evidencing all coverages set forth above. Approval of the insurance by City shall not relieve or decrease Contractor's liability hereunder.

5.1.8 The Workers' Compensation policy(ies) shall be endorsed with a waiver of subrogation in favor of the City for all work performed by the Contractor, its employees, agents and subcontractors.

5.1.9 If Contractor will use any subcontractor(s) to provide Services, Contractor shall require the subcontractor(s) to provide all necessary insurance and to name the City and County of San Francisco, its officers, agents and employees and the Contractor as additional insureds.

5.2 **Indemnification.** Contractor shall indemnify and hold harmless City and its officers, agents and employees from, and, if requested, shall defend them from and against any and all claims, demands, losses, damages, costs, expenses, and liability (legal, contractual, or otherwise) arising from or in any way connected with any: (i) injury to or death of a person, including employees of City or Contractor; (ii) loss of or damage to property; (iii) violation of local, state, or federal common law, statute or regulation, including but not limited to privacy or personally identifiable information, health information, disability and labor laws or regulations; (iv) strict liability imposed by any law or regulation; or (v) losses arising from Contractor's execution of subcontracts not in accordance with the requirements of this Agreement applicable to subcontractors; so long as such injury, violation, loss, or strict liability (as set forth in subsections (i) – (v) above) arises directly or indirectly from Contractor's performance of this Agreement, including, but not limited to, Contractor's use of facilities or equipment provided by City or others, regardless of the negligence of, and regardless of whether liability without fault is imposed or sought to be imposed on City, except to the extent that such indemnity is void or otherwise unenforceable under applicable law, and except where such loss, damage, injury, liability or claim is the result of the active negligence or willful misconduct of City and is not contributed to by any act of, or by any omission to perform some duty imposed by law or

agreement on Contractor, its subcontractors, or either's agent or employee. The foregoing indemnity shall include, without limitation, reasonable fees of attorneys, consultants and experts and related costs and City's costs of investigating any claims against the City.

In addition to Contractor's obligation to indemnify City, Contractor specifically acknowledges and agrees that it has an immediate and independent obligation to defend City from any claim which actually or potentially falls within this indemnification provision, even if the allegations are or may be groundless, false or fraudulent, which obligation arises at the time such claim is tendered to Contractor by City and continues at all times thereafter.

Contractor shall indemnify and hold City harmless from all loss and liability, including attorneys' fees, court costs and all other litigation expenses for any infringement of the patent rights, copyright, trade secret or any other proprietary right or trademark, and all other intellectual property claims of any person or persons arising directly or indirectly from the receipt by City, or any of its officers or agents, of Contractor's Services.

Article 6 Liability of the Parties

6.1 Liability of City. CITY'S PAYMENT OBLIGATIONS UNDER THIS AGREEMENT SHALL BE LIMITED TO THE PAYMENT OF THE COMPENSATION PROVIDED FOR IN SECTION 3.3.1, "PAYMENT," OF THIS AGREEMENT. NOTWITHSTANDING ANY OTHER PROVISION OF THIS AGREEMENT, IN NO EVENT SHALL CITY BE LIABLE, REGARDLESS OF WHETHER ANY CLAIM IS BASED ON CONTRACT OR TORT, FOR ANY SPECIAL, CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOST PROFITS, ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT OR THE SERVICES PERFORMED IN CONNECTION WITH THIS AGREEMENT.

6.2 Liability for Use of Equipment. City shall not be liable for any damage to persons or property as a result of the use, misuse or failure of any equipment used by Contractor, or any of its subcontractors, or by any of their employees, even though such equipment is furnished, rented or loaned by City.

6.3 Liability for Incidental and Consequential Damages. Contractor shall be responsible for incidental and consequential damages resulting in whole or in part from Contractor's acts or omissions.

Article 7 Payment of Taxes

7.1 Except for any applicable California sales and use taxes charged by Contractor to City, Contractor shall pay all taxes, including possessory interest taxes levied upon or as a result of this Agreement, or the Services delivered pursuant hereto. Contractor shall remit to the State of California any sales or use taxes paid by City to Contractor under this Agreement. Contractor agrees to promptly provide information requested by the City to verify Contractor's compliance with any State requirements for reporting sales and use tax paid by City under this Agreement.

7.2 Contractor acknowledges that this Agreement may create a "possessory interest" for property tax purposes. Generally, such a possessory interest is not created unless the Agreement entitles the Contractor to possession, occupancy, or use of City property for private gain. If such a possessory interest is created, then the following shall apply:

7.2.1 Contractor, on behalf of itself and any permitted successors and assigns, recognizes and understands that Contractor, and any permitted successors and assigns, may be subject to real property tax assessments on the possessory interest.

7.2.2 Contractor, on behalf of itself and any permitted successors and assigns, recognizes and understands that the creation, extension, renewal, or assignment of this Agreement may result in a "change in ownership" for purposes of real property taxes, and therefore may result in a revaluation of any possessory interest created by this Agreement. Contractor accordingly agrees on behalf of itself and its permitted successors and assigns to report on behalf of the City to the County Assessor the information required by Revenue and Taxation Code section 480.5, as amended from time to time, and any successor provision.

7.2.3 Contractor, on behalf of itself and any permitted successors and assigns, recognizes and understands that other events also may cause a change of ownership of the possessory interest and result in the revaluation of the possessory interest. (see, e.g., Rev. & Tax. Code section 64, as amended from time to time). Contractor accordingly agrees on behalf of itself and its permitted successors and assigns to report any change in ownership to the County Assessor, the State Board of Equalization or other public agency as required by law.

7.2.4 Contractor further agrees to provide such other information as may be requested by the City to enable the City to comply with any reporting requirements for possessory interests that are imposed by applicable law.

Article 8 Termination and Default

8.1 Termination for Convenience

8.1.1 City shall have the option, in its sole discretion, to terminate this Agreement, at any time during the term hereof, for convenience and without cause. City shall exercise this option by giving Contractor written notice of termination. The notice shall specify the date on which termination shall become effective.

8.1.2 Upon receipt of the notice of termination, Contractor shall commence and perform, with diligence, all actions necessary on the part of Contractor to effect the termination of this Agreement on the date specified by City and to minimize the liability of Contractor and City to third parties as a result of termination. All such actions shall be subject to the prior approval of City. Such actions shall include, without limitation:

(a) Halting the performance of all Services under this Agreement on the date(s) and in the manner specified by City.

(b) Terminating all existing orders and subcontracts, and not placing any further orders or subcontracts for materials, Services, equipment or other items.

(c) At City's direction, assigning to City any or all of Contractor's right, title, and interest under the orders and subcontracts terminated. Upon such assignment, City shall have the right, in its sole discretion, to settle or pay any or all claims arising out of the termination of such orders and subcontracts.

(d) Subject to City's approval, settling all outstanding liabilities and all claims arising out of the termination of orders and subcontracts.

(e) Completing performance of any Services that City designates to be completed prior to the date of termination specified by City.

(f) Taking such action as may be necessary, or as the City may direct, for the protection and preservation of any property related to this Agreement which is in the possession of Contractor and in which City has or may acquire an interest.

8.1.3 Within 30 days after the specified termination date, Contractor shall submit to City an invoice, which shall set forth each of the following as a separate line item:

(a) The reasonable cost to Contractor, without profit, for all Services prior to the specified termination date, for which Services City has not already tendered payment. Reasonable costs may include a reasonable allowance for actual overhead, not to exceed a total of 10% of Contractor's direct costs for Services. Any overhead allowance shall be separately itemized. Contractor may also recover the reasonable cost of preparing the invoice.

(b) A reasonable allowance for profit on the cost of the Services described in the immediately preceding subsection (a), provided that Contractor can establish, to the satisfaction of City, that Contractor would have made a profit had all Services under this Agreement been completed, and provided further, that the profit allowed shall in no event exceed 5% of such cost.

(c) The reasonable cost to Contractor of handling material or equipment returned to the vendor, delivered to the City or otherwise disposed of as directed by the City.

(d) A deduction for the cost of materials to be retained by Contractor, amounts realized from the sale of materials and not otherwise recovered by or credited to City, and any other appropriate credits to City against the cost of the Services or other work.

8.1.4 In no event shall City be liable for costs incurred by Contractor or any of its subcontractors after the termination date specified by City, except for those costs specifically enumerated and described in Section 8.1.3. Such non-recoverable costs include, but are not limited to, anticipated profits on the Services under this Agreement, post-termination employee salaries, post-termination administrative expenses, post-termination overhead or unabsorbed overhead, attorneys' fees or other costs relating to the prosecution of a claim or lawsuit, prejudgment interest, or any other expense which is not reasonable or authorized under Section 8.1.3.

8.1.5 In arriving at the amount due to Contractor under this Section, City may deduct: (i) all payments previously made by City for Services covered by Contractor's final invoice; (ii) any claim which City may have against Contractor in connection with this Agreement; (iii) any invoiced costs or expenses excluded pursuant to the immediately preceding subsection 8.1.4; and (iv) in instances in which, in the opinion of the City, the cost of any Service performed under this Agreement is excessively high due to costs incurred to remedy or replace defective or rejected Services, the difference between the invoiced amount and City's estimate of the reasonable cost of performing the invoiced Services in compliance with the requirements of this Agreement.

8.1.6 City's payment obligation under this Section shall survive termination of this Agreement.

8.2 Termination for Default; Remedies.

8.2.1 Each of the following shall constitute an immediate event of default ("Event of Default") under this Agreement:

(a) Contractor fails or refuses to perform or observe any term, covenant or condition contained in any of the following Sections of this Agreement:

3.5	Submitting False Claims.	10.10	Alcohol and Drug-Free Workplace
4.5	Assignment	10.13	Working with Minors
Article 5	Insurance and Indemnity	11.10	Compliance with Laws
Article 7	Payment of Taxes	13.1	Nondisclosure of Private, Proprietary or Confidential Information

(b) Contractor fails or refuses to perform or observe any other term, covenant or condition contained in this Agreement, including any obligation imposed by ordinance or statute and incorporated by reference herein, and such default continues for a period of ten days after written notice thereof from City to Contractor.

(c) Contractor (i) is generally not paying its debts as they become due; (ii) files, or consents by answer or otherwise to the filing against it of a petition for relief or reorganization or arrangement or any other petition in bankruptcy or for liquidation or to take advantage of any bankruptcy, insolvency or other debtors' relief law of any jurisdiction; (iii) makes an assignment for the benefit of its creditors; (iv) consents to the appointment of a custodian, receiver, trustee or other officer with similar powers of Contractor or of any substantial part of Contractor's property; or (v) takes action for the purpose of any of the foregoing.

(d) A court or government authority enters an order (i) appointing a custodian, receiver, trustee or other officer with similar powers with respect to Contractor or with respect to any substantial part of Contractor's property, (ii) constituting an order for relief or approving a petition for relief or reorganization or arrangement or any other petition in bankruptcy or for liquidation or to take advantage of any bankruptcy, insolvency or other debtors' relief law of any jurisdiction or (iii) ordering the dissolution, winding-up or liquidation of Contractor.

8.2.2 On and after any Event of Default, City shall have the right to exercise its legal and equitable remedies, including, without limitation, the right to terminate this Agreement or to seek specific performance of all or any part of this Agreement. In addition, where applicable, City shall have the right (but no obligation) to cure (or cause to be cured) on behalf of Contractor any Event of Default; Contractor shall pay to City on demand all costs and expenses incurred by City in effecting such cure, with interest thereon from the date of incurrence at the maximum rate then permitted by law. City shall have the right to offset from any amounts due to Contractor under this Agreement or any other agreement between City and Contractor: (i) all damages, losses, costs or expenses incurred by City as a result of an Event of Default; and (ii) any liquidated damages levied upon Contractor pursuant to the terms of this Agreement; and (iii), any damages imposed by any ordinance or statute that is incorporated into this Agreement by reference, or into any other agreement with the City.

8.2.3 All remedies provided for in this Agreement may be exercised individually or in combination with any other remedy available hereunder or under applicable laws, rules and regulations. The exercise of any remedy shall not preclude or in any way be deemed to waive any other remedy. Nothing in this Agreement shall constitute a waiver or limitation of any rights that City may have under applicable law.

8.2.4 Any notice of default must be sent by registered mail to the address set forth in Article 11.

8.3 **Non-Waiver of Rights.** The omission by either party at any time to enforce any default or right reserved to it, or to require performance of any of the terms, covenants, or provisions hereof by the other party at the time designated, shall not be a waiver of any such default or right to which the party is entitled, nor shall it in any way affect the right of the party to enforce such provisions thereafter.

8.4 **Rights and Duties upon Termination or Expiration.**

8.4.1 This Section and the following Sections of this Agreement listed below, shall survive termination or expiration of this Agreement:

3.3.2	Payment Limited to Satisfactory Services	9.1	Ownership of Results
3.3.7(a)	Grant Funded Contracts - Disallowance	9.2	Works for Hire
3.4	Audit and Inspection of Records	11.6	Dispute Resolution Procedure
3.5	Submitting False Claims	11.7	Agreement Made in California; Venue
Article 5	Insurance and Indemnity	11.8	Construction
6.1	Liability of City	11.9	Entire Agreement
6.3	Liability for Incidental and Consequential Damages	11.10	Compliance with Laws
Article 7	Payment of Taxes	11.11	Severability
8.1.6	Payment Obligation	13.1	Nondisclosure of Private, Proprietary or Confidential Information

8.4.2 Subject to the survival of the Sections identified in Section 8.4.1, above, if this Agreement is terminated prior to expiration of the term specified in Article 2, this Agreement shall be of no further force or effect. Contractor shall transfer title to City, and deliver in the manner, at the times, and to the extent, if any, directed by City, any work in progress, completed work, supplies, equipment, and other materials produced as a part of, or acquired in connection with the performance of this Agreement, and any completed or partially completed work which, if this Agreement had been completed, would have been required to be furnished to City.

Article 9 Rights In Deliverables

9.1 **Ownership of Results.** Any interest of Contractor or its subcontractors, in the Deliverables, including any drawings, plans, specifications, blueprints, studies, reports, memoranda, computation sheets, field notes, raw data, photographs, videos, maps, computer files

and media or other documents prepared by Contractor or its subcontractors for the purposes of this agreement, shall become the property of and will be transmitted to City. However, unless expressly prohibited elsewhere in this Agreement, Contractor may retain and use copies for reference and as documentation of its experience and capabilities.

9.2 Works for Hire. If, in connection with Services, Contractor or its subcontractors creates Deliverables including, without limitation, artwork, copy, posters, billboards, photographs, videotapes, audiotapes, systems designs, software, reports, diagrams, surveys, blueprints, source codes, or any other original works of authorship, whether in digital or any other format, such works of authorship shall be works for hire as defined under Title 17 of the United States Code, and all copyrights in such works shall be the property of the City. If any Deliverables created by Contractor or its subcontractor(s) under this Agreement are ever determined not to be works for hire under U.S. law, Contractor hereby assigns all Contractor's copyrights to such Deliverables to the City, agrees to provide any material and execute any documents necessary to effectuate such assignment, and agrees to include a clause in every subcontract imposing the same duties upon subcontractor(s). With City's prior written approval, Contractor and its subcontractor(s) may retain and use copies of such works for reference and as documentation of their respective experience and capabilities.

Article 10 Additional Requirements Incorporated by Reference

10.1 Laws Incorporated by Reference. The full text of the laws listed in this Article 10, including enforcement and penalty provisions, are incorporated by reference into this Agreement. The full text of the San Francisco Municipal Code provisions incorporated by reference in this Article and elsewhere in the Agreement ("Mandatory City Requirements") are available at http://www.amlegal.com/codes/client/san-francisco_ca/ .

10.2 Conflict of Interest. By executing this Agreement, Contractor certifies that it does not know of any fact which constitutes a violation of Section 15.103 of the City's Charter; Article III, Chapter 2 of City's Campaign and Governmental Conduct Code; Title 9, Chapter 7 of the California Government Code (Section 87100 *et seq.*), or Title 1, Division 4, Chapter 1, Article 4 of the California Government Code (Section 1090 *et seq.*), and further agrees promptly to notify the City if it becomes aware of any such fact during the term of this Agreement.

10.3 Prohibition on Use of Public Funds for Political Activity. In performing the Services, Contractor shall comply with San Francisco Administrative Code Chapter 12G, which prohibits funds appropriated by the City for this Agreement from being expended to participate in, support, or attempt to influence any political campaign for a candidate or for a ballot measure. Contractor is subject to the enforcement and penalty provisions in Chapter 12G.

10.4 Reserved.

10.5 Nondiscrimination Requirements.

10.5.1 Non Discrimination in Contracts. Contractor shall comply with the provisions of Chapters 12B and 12C of the San Francisco Administrative Code. Contractor shall incorporate by reference in all subcontracts the provisions of Sections 12B.2(a), 12B.2(c)-(k), and 12C.3 of the San Francisco Administrative Code and shall require all subcontractors to comply with such provisions. Contractor is subject to the enforcement and penalty provisions in Chapters 12B and 12C.

10.5.2 Nondiscrimination in the Provision of Employee Benefits. San Francisco Administrative Code 12B.2. Contractor does not as of the date of this Agreement, and will not during the term of this Agreement, in any of its operations in San Francisco, on real property owned by San Francisco, or where work is being performed for the City elsewhere in the United States, discriminate in the provision of employee benefits between employees with domestic partners and employees with spouses and/or between the domestic partners and spouses of such employees, subject to the conditions set forth in San Francisco Administrative Code Section 12B.2.

10.6 Local Business Enterprise and Non-Discrimination in Contracting Ordinance. Contractor shall comply with all applicable provisions of Chapter 14B ("LBE Ordinance"). Contractor is subject to the enforcement and penalty provisions in Chapter 14B. Contractor shall utilize LBE Subcontractors for at least **10%** of the Services except as otherwise authorized in writing by the Director of CMD. Contractor shall incorporate the requirements of the LBE Ordinance in each subcontract made in the fulfillment of Contractor's LBE subcontracting commitments.

10.7 Minimum Compensation Ordinance. Contractor shall pay covered employees no less than the minimum compensation required by San Francisco Administrative Code Chapter 12P. Contractor is subject to the enforcement and penalty provisions in Chapter 12P. By signing and executing this Agreement, Contractor certifies that it is in compliance with Chapter 12P.

10.8 Health Care Accountability Ordinance. Contractor shall comply with San Francisco Administrative Code Chapter 12Q. Contractor shall choose and perform one of the Health Care Accountability options set forth in San Francisco Administrative Code Chapter 12Q.3. Contractor is subject to the enforcement and penalty provisions in Chapter 12Q.

10.9 First Source Hiring Program. Contractor must comply with all of the provisions of the First Source Hiring Program, Chapter 83 of the San Francisco Administrative Code, that apply to this Agreement, and Contractor is subject to the enforcement and penalty provisions in Chapter 83.

10.10 Alcohol and Drug-Free Workplace. City reserves the right to deny access to, or require Contractor to remove from, City facilities personnel of any Contractor or subcontractor who City has reasonable grounds to believe has engaged in alcohol abuse or illegal drug activity which in any way impairs City's ability to maintain safe work facilities or to protect the health and well-being of City employees and the general public. City shall have the right of final approval for the entry or re-entry of any such person previously denied access to, or removed from, City facilities. Illegal drug activity means possessing, furnishing, selling, offering, purchasing, using or being under the influence of illegal drugs or other controlled substances for which the individual lacks a valid prescription. Alcohol abuse means possessing, furnishing, selling, offering, or using alcoholic beverages, or being under the influence of alcohol.

10.11 Limitations on Contributions. By executing this Agreement, Contractor acknowledges that it is familiar with section 1.126 of the City's Campaign and Governmental Conduct Code, which prohibits any person who contracts with the City for the rendition of personal services, for the furnishing of any material, supplies or equipment, for the sale or lease of any land or building, or for a grant, loan or loan guarantee, from making any campaign contribution to (1) an individual holding a City elective office if the contract must be approved by the individual, a board on which that individual serves, or the board of a state agency on

which an appointee of that individual serves, (2) a candidate for the office held by such individual, or (3) a committee controlled by such individual, at any time from the commencement of negotiations for the contract until the later of either the termination of negotiations for such contract or six months after the date the contract is approved. The prohibition on contributions applies to each prospective party to the contract; each member of Contractor's board of directors; Contractor's chairperson, chief executive officer, chief financial officer and chief operating officer; any person with an ownership interest of more than 20 percent in Contractor; any subcontractor listed in the bid or contract; and any committee that is sponsored or controlled by Contractor. Contractor must inform each such person of the limitation on contributions imposed by Section 1.126 and provide the names of the persons required to be informed to City.

10.12 Reserved. (Slavery Era Disclosure)

10.13 Reserved. (Working with Minors)

10.14 Consideration of Criminal History in Hiring and Employment Decisions.

10.14.1 Contractor agrees to comply fully with and be bound by all of the provisions of Chapter 12T, "City Contractor/Subcontractor Consideration of Criminal History in Hiring and Employment Decisions," of the San Francisco Administrative Code ("Chapter 12T"), including the remedies provided, and implementing regulations, as may be amended from time to time. The provisions of Chapter 12T are incorporated by reference and made a part of this Agreement as though fully set forth herein. The text of the Chapter 12T is available on the web at <http://sfgov.org/olse/fco>. Contractor is required to comply with all of the applicable provisions of 12T, irrespective of the listing of obligations in this Section. Capitalized terms used in this Section and not defined in this Agreement shall have the meanings assigned to such terms in Chapter 12T.

10.14.2 The requirements of Chapter 12T shall only apply to a Contractor's or Subcontractor's operations to the extent those operations are in furtherance of the performance of this Agreement, shall apply only to applicants and employees who would be or are performing work in furtherance of this Agreement, and shall apply when the physical location of the employment or prospective employment of an individual is wholly or substantially within the City of San Francisco. Chapter 12T shall not apply when the application in a particular context would conflict with federal or state law or with a requirement of a government agency implementing federal or state law.

10.15 Reserved. (Public Access to Nonprofit Records and Meetings)

10.16 Food Service Waste Reduction Requirements. Contractor shall comply with the Food Service Waste Reduction Ordinance, as set forth in San Francisco Environment Code Chapter 16, including but not limited to the remedies for noncompliance provided therein.

10.17 Reserved. (Sugar-Sweetened Beverage Prohibition)

10.18 Tropical Hardwood and Virgin Redwood Ban. Pursuant to San Francisco Environment Code Section 804(b), the City urges Contractor not to import, purchase, obtain, or use for any purpose, any tropical hardwood, tropical hardwood wood product, virgin redwood or virgin redwood wood product.

10.19 Reserved. (Preservative Treated Wood Products)

Article 11 General Provisions

11.1 Notices to the Parties. Unless otherwise indicated in this Agreement, all written communications sent by the Parties may be by U.S. mail or e-mail, and shall be addressed as follows:

To City: Dan Stewart
 Asset and Maintenance Planning Specialist
 Water Enterprise: Natural Resources and Lands Management Division
 San Francisco Public Utilities Commission
 525 Golden Gate Avenue
 San Francisco, CA 94102
 dastewart@sfwater.org
 1-415-554-1888

To Contractor: Dr. Elahe Enssani
 President
 Applied Technology & Science
 5 Third Street, Suite 1010
 San Francisco, CA 94103
 enssani@a-t-s.com

Any notice of default must be sent by registered mail. Either Party may change the address to which notice is to be sent by giving written notice thereof to the other Party. If email notification is used, the sender must specify a receipt notice.

11.2 Compliance with Americans with Disabilities Act. Contractor shall provide the Services in a manner that complies with the Americans with Disabilities Act (ADA), including but not limited to Title II's program access requirements, and all other applicable federal, state and local disability rights legislation.

11.3 Reserved.

11.4 Sunshine Ordinance. Contractor acknowledges that this Agreement and all records related to its formation, Contractor's performance of Services, and City's payment are subject to the California Public Records Act, (California Government Code §6250 et. seq.), and the San Francisco Sunshine Ordinance, (San Francisco Administrative Code Chapter 67). Such records are subject to public inspection and copying unless exempt from disclosure under federal, state or local law.

11.5 Modification of this Agreement. This Agreement may not be modified, nor may compliance with any of its terms be waived, except as noted in Section 11.1, "Notices to Parties," regarding change in personnel or place, and except by written instrument executed and approved in the same manner as this Agreement. Contractor shall cooperate with Department to submit to the Director of CMD any amendment, modification, supplement or change order that would result in a cumulative increase of the original amount of this Agreement by more than 20% (CMD Contract Modification Form).

11.6 Dispute Resolution Procedure.

11.6.1 Negotiation; Alternative Dispute Resolution. The Parties will attempt in good faith to resolve any dispute or controversy arising out of or relating to the performance of services under this Agreement. If the Parties are unable to resolve the dispute, then, pursuant to San Francisco Administrative Code Section 21.36, Contractor may submit to the Contracting Officer a written request for administrative review and documentation of the Contractor's claim(s). Upon such request, the Contracting Officer shall promptly issue an administrative decision in writing, stating the reasons for the action taken and informing the Contractor of its right to judicial review. If agreed by both Parties in writing, disputes may be resolved by a mutually agreed-upon alternative dispute resolution process. If the parties do not mutually agree to an alternative dispute resolution process or such efforts do not resolve the dispute, then either Party may pursue any remedy available under California law. The status of any dispute or controversy notwithstanding, Contractor shall proceed diligently with the performance of its obligations under this Agreement in accordance with the Agreement and the written directions of the City. Neither Party will be entitled to legal fees or costs for matters resolved under this section.

11.6.2 Government Code Claim Requirement. No suit for money or damages may be brought against the City until a written claim therefor has been presented to and rejected by the City in conformity with the provisions of San Francisco Administrative Code Chapter 10 and California Government Code Section 900, et seq. Nothing set forth in this Agreement shall operate to toll, waive or excuse Contractor's compliance with the California Government Code Claim requirements set forth in San Francisco Administrative Code Chapter 10 and California Government Code Section 900, et seq.

11.7 Agreement Made in California; Venue. The formation, interpretation and performance of this Agreement shall be governed by the laws of the State of California. Venue for all litigation relative to the formation, interpretation and performance of this Agreement shall be in San Francisco.

11.8 Construction. All paragraph captions are for reference only and shall not be considered in construing this Agreement.

11.9 Entire Agreement. This contract sets forth the entire Agreement between the parties, and supersedes all other oral or written provisions. This Agreement may be modified only as provided in Section 11.5, "Modification of this Agreement."

11.10 Compliance with Laws. Contractor shall keep itself fully informed of the City's Charter, codes, ordinances and duly adopted rules and regulations of the City and of all state, and federal laws in any manner affecting the performance of this Agreement, and must at all times comply with such local codes, ordinances, and regulations and all applicable laws as they may be amended from time to time.

11.11 Severability. Should the application of any provision of this Agreement to any particular facts or circumstances be found by a court of competent jurisdiction to be invalid or unenforceable, then (a) the validity of other provisions of this Agreement shall not be affected or impaired thereby, and (b) such provision shall be enforced to the maximum extent possible so as to effect the intent of the parties and shall be reformed without further action by the parties to the extent necessary to make such provision valid and enforceable.

11.12 Cooperative Drafting. This Agreement has been drafted through a cooperative effort of City and Contractor, and both Parties have had an opportunity to have the Agreement reviewed and revised by legal counsel. No Party shall be considered the drafter of this Agreement, and no presumption or rule that an ambiguity shall be construed against the Party drafting the clause shall apply to the interpretation or enforcement of this Agreement.

11.13 Order of Precedence. Contractor agrees to perform the services described below in accordance with the terms and conditions of this Agreement, implementing task orders, the RFP, and Contractor's proposal dated June 19, 2018. The RFP and Contractor's proposal are incorporated by reference as though fully set forth herein. Should there be a conflict of terms or conditions, this Agreement and any implementing task orders shall control over the RFP and the Contractor's proposal.

Article 12 Department Specific Terms

12.1 Drones.

12.1.1 To the extent the Scope of Services requires the use of drones, Contractor agrees to comply with the terms of the SFPUC Drone Policy, which are incorporated by reference herein. The SFPUC Drone Policy and Certification page are available at: <https://sfpuc.sharefile.com/d-scd834b4f709449e9> and <https://sfpuc.sharefile.com/d-sa122718c10b49f98>.

12.1.2 Before operating or entering into a contract with a third party to operate a drone for this Contract, Contractor shall obtain approval from the SFPUC Emergency Planning and Security and/or San Francisco Department of Technology's Committee on Information and Technology ("COIT") as directed by the SFPUC Project Manager. Contractor and/or its third party drone operator must submit an executed SFPUC Drone Policy Certification, confirming that the drone operator has read and understands the requirements of the policy prior to obtaining approval.

(a) The term unmanned aerial vehicles ("UAVs") or "drone" means an unmanned aircraft flown by a pilot via a ground control system or flown autonomously or flown semi-autonomously through use of communication links, an on-board computer, and/or other equipment.

(b) The authorized use of drones is limited to SFPUC lands, rights of way, and facilities (collectively, "SFPUC Property") for the following three uses:

(i) Construction Management: Examples include inspection of project sites for contract and environmental compliance

(ii) Environmental Monitoring and Documentation: Examples include monitoring of vegetation type and health, wildlife, and streams and reservoirs

(iii) Inspections: Examples include conducting surveys and assessments of SFPUC properties and assets

12.1.3 Ownership and handling of City Data: "City Data" includes, without limitation, all data collected, used, maintained, processed, stored, and/or generated by or on behalf of the City, including as the result of the use of the services provided by Contractor. The City retains ownership and rights to City Data, including derivative works made from City Data

and the licensing applied to the data. Contractors must treat City Data using the same Privacy and Data Security requirements, as those terms are defined in the SFPUC Drone Policy, which apply to City and County of San Francisco employees.

12.1.4 Should Contractor seek to use a drone outside SFPUC Property, but on City property, it must comply with the City and County of San Francisco's Citywide Employee Drone Policy, and seek additional approval from the appropriate City department or COIT. Refer to the City and County of San Francisco's Citywide Employee Drone Policy: <https://sfpub.sharefile.com/d-sa650ee1c0064806a>. Should Contractor seek to use a drone outside City property, it must seek approval for the appropriate authority, as applicable.

Article 13 Data and Security

13.1 Nondisclosure of Private, Proprietary or Confidential Information.

13.1.1 If this Agreement requires City to disclose "Private Information" to Contractor within the meaning of San Francisco Administrative Code Chapter 12M, Contractor and subcontractor shall use such information only in accordance with the restrictions stated in Chapter 12M and in this Agreement and only as necessary in performing the Services. Contractor is subject to the enforcement and penalty provisions in Chapter 12M.

13.1.2 In the performance of Services, Contractor may have access to City's proprietary or confidential information, the disclosure of which to third parties may damage City. If City discloses proprietary or confidential information to Contractor, such information must be held by Contractor in confidence and used only in performing the Agreement. Contractor shall exercise the same standard of care to protect such information as a reasonably prudent contractor would use to protect its own proprietary or confidential information.

13.2 Reserved. (Payment Card Industry ("PCI") Requirements)

13.3 Reserved. (Business Associate Agreement)

Article 14 MacBride And Signature

14.1 **MacBride Principles - Northern Ireland.** The provisions of San Francisco Administrative Code §12F are incorporated herein by this reference and made part of this Agreement. By signing this Agreement, Contractor confirms that Contractor has read and understood that the City urges companies doing business in Northern Ireland to resolve employment inequities and to abide by the MacBride Principles, and urges San Francisco companies to do business with corporations that abide by the MacBride Principles.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day first mentioned above.

CITY

Recommended by:



Harlan L. Kelly, Jr.
General Manager
San Francisco Public Utilities Commission

CONTRACTOR

Applied Technology & Science

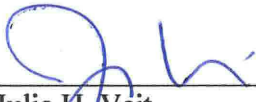


Dr. Elahe Enssani
President

City vendor number: 0000003401

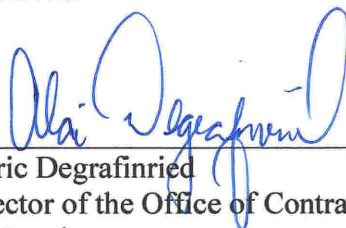
Approved as to Form:

Dennis J. Herrera
City Attorney

By: 

Julia H. Veit
Deputy City Attorney

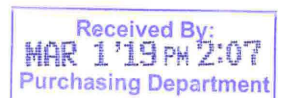
Approved:



Alaric Degrafinried
Director of the Office of Contract Administration,
and Purchaser

Appendices

- A: Scope of Services
- B: Calculation of Charges



IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day first mentioned above.

CITY

Recommended by:

Harlan L. Kelly, Jr.
General Manager
San Francisco Public Utilities Commission

CONTRACTOR

Applied Technology & Science

Dr. Elahe Enssani
President

City vendor number: 0000003401

Approved as to Form:

Dennis J. Herrera
City Attorney

By: _____
Julia H. Veit
Deputy City Attorney

Approved:

Alaric Degrafinried
Director of the Office of Contract Administration,
and Purchaser

Appendices

- A: Scope of Services
- B: Calculation of Charges

Appendix A

Scope of Services

1. Description of Services. Contractor agrees to perform the following Services:

Contractor shall provide specialized and technical services to assist the SFPUC in meeting operational, maintenance, and environmental stewardship goals in a manner compliant with local, state, and federal environmental laws, regulations, permits, and requirements, specifically by providing specialized planning and technical services to support the operations and maintenance of restoration projects, mitigation programs, watershed lands, Right of Way (ROW) lands, and components of the SFPUC water and wastewater systems with an environmental nexus (such as dams, reservoirs, and any locations where maintenance of or discharges from SFPUC infrastructure may affect the environment).

2. Task Orders

Performance of the service under this Agreement will be executed according to a task order process, and Contractor is required to provide adequate quality control processes and deliverables in conformance with the technical requirements of the task order.

The SFPUC will allocate work by issuing Task Orders among the Contractors for PRO.0066A, B and C. When requested to provide services for a specific activity, SFPUC will provide Contractor with a scope of work consistent with the scope of services described below along with current available information. In response, the Contractor shall prepare a detailed project scope, sub tasks, staffing plan, LBE utilization, schedule, deliverables, budget and costs to complete the task in accordance with Appendix B. Contractor shall include the effort to coordinate with the SFPUC including obtaining access permits and necessary information for contract performance, scheduling environmental surveys and field work, and soliciting comments on work plans, memorandums, reports and associated deliverables. All costs associated with the development of the detailed scope of work shall be borne by the Contractor at that time. The Contractor may be requested through a Task Order to perform environmental services either for a complete activity (i.e. field work, analysis and final reports) or for portions of an activity (e.g. botany observations or report editing). After Contractor prepares a detailed scope of work and cost estimate, the SFPUC will then negotiate a Task Order amount and schedule for the specific scope of work with the Contractor.

A final task order will be negotiated between the SFPUC Project Manager and the Contractor and then submitted to the SFPUC Bureau Manager for approval. However, as provided in the RFP, the budget, if applicable, identified for tasks is an estimate, and the City reserves the right to modify the applicable budget allocated to any task as more specific information concerning the task order scope becomes available.

The task order request will be processed for Controller certification of funding, after which a "Notice to Proceed" will be issued. The Contractor is hereby notified that work cannot commence until the Contractor receives a written Notice to Proceed in accordance with the San Francisco Administrative Code. ***Any work performed without a Notice to Proceed will be at the Contractor's own commercial risk.*** The calculations of costs and methods of compensation for all task orders under this Agreement shall be in accordance with Appendix B.

Contractor will work under the direction of the SFPUC Natural Resources and Land Management Division Manager in the SFPUC Water Enterprise; however, some tasks may be managed by other divisions such as the Bureau for Environmental Management (BEM). Contractor must identify one individual to act as **Contract Manager** for at least the first 3 years of the contract to coordinate the work tasks, manage the contract, ensure quality and timeliness of work products, and be the principal contact for SFPUC staff.

3. Detailed Description of Tasks

The work below requires analysis, the exercise of discretion and independent judgment in performance of tasks, and specialized types of knowledge, expertise, and training. The following tasks provide general guidance to the Contractor as to the anticipated scope of work, which SFPUC reserves the right to modify or delete, which Contractor must be able to provide:

3.1 ECOLOGICAL ANALYSIS

Ecological surveys, detection, monitoring, studies, research, mapping, sampling (including collection and shipping or storage as necessary), laboratory analyses, statistical analyses, predictive and interpretive modeling, and field assessments of:

- communities, species, and populations including protocol-level surveys of special status species, rapid assessments, demography, life history, dendrochronology, phenology, limiting factors, threats, species conservation strategies, habitat assessments, electrofishing, fish trapping, snorkeling, and population viability analyses;
- ecological processes and ecological condition;
- habitat and land-cover type, including but not limited to wetland delineations;
- fire science and fire management;
- tissue and other biotic samples - such as fish scales, otoliths, parasites, seeds, roots, skin swabs, and other types of biotic samples analyzed in the course of ecological study;
- genetics, phylogeny, and taxonomy – genetics (such as detection and analysis of environmental DNA, species hybrids, and other genetics applications), phylogenetic and taxonomic analysis of plants, fish, wildlife, moss, lichen, algae, invertebrates, and other biota - including marine, estuarine, and freshwater benthic macro-invertebrate taxonomic identification to the species-level;

- individual biota (plant, wildlife, fish, invertebrate, etc.) such as diet, health, parasites, age, size, location, scent detection using dogs, tagging, and movement tracking;
- biological communities, food webs, biotic interactions, threats, and resilience;
- limnology;
- abiotic conditions and processes such as temperature, precipitation, water quality, air quality, hydrology, geomorphology, soils, hazardous substances (including naturally occurring asbestos), contaminants and pollutants, sediment and substrate; and erosion, fire and other disturbance regimes;
- set up, deployment, installation, maintenance, repair, replacement, decommissioning, and removal of ecological field monitoring tools such as camera traps, drones, stream gages, PIT tags and antennae, radio tags, soil moisture probes, air moisture sensors, wells and piezometers, pressure transducers, data loggers, flow meters, and other ecological instrumentation.

3.2 PLANNING, PERMITTING, AND ENVIRONMENTAL REGULATORY COMPLIANCE

Professional and technical services associated with:

- monitoring report development, with a focus on BHR program sites;
- analysis, monitoring, and success criteria reporting, especially for the BHR program sites;
- development and implementation of avoidance and minimization measures to avoid impacts and to protect biological and cultural resources, with a focus on BHR program sites;
- land and resource management planning;
- policy development and interpretation;
- risk assessment and risk management;
- conservation easement development, negotiation, and implementation;
- specialized permitting and regulatory assistance (for example - permit applications, negotiations, strategy, research, correspondence, notifications, response to enforcement actions, regulatory compliance, compliance tracking, and reporting) for federal, state, and local environmental regulations such as:
 - the Clean Water Act (including but not limited to 404, 402, 401);
 - Porter Cologne Act;
 - Federal Endangered Species Act (including but not restricted to Habitat Conservation Plans, Section 7 consultations, recovery permits, safe harbor, and enforcement and compliance actions);
 - California Endangered Species Act;

- California Fish and Game Code (including but not limited to 1600, 2081, depredation permits, scientific collecting permits);
- Bald and Golden Eagle Protection Act;
- water rights;
- Clean Air Act;
- San Francisco ordinances including Integrated Pest Management ordinance;
- other permitting, compliance, and regulatory support for environmental and cultural resource protection laws, regulations, and ordinances as needed;
- environmental review support (CEQA and NEPA) for maintenance and operations activities;
- environmental review and planning support for evaluation of third-party CEQA, NEPA, or other planning documents affecting SFPUC interests;
- trainings and implementation of strategies related to federal, state, and local environmental permits, laws and regulations;
- technical support for SFPUC's NPDES permitting and regulatory compliance such as water quality testing, toxicology studies, toxicant identification, benthic invertebrate taxonomy, beach monitoring, and other specialized technical support;
- cultural resources studies including historic resource assessments, archeological and paleontological surveys, and impact avoidance measures;
- human health and safety protection;
- other specialized technical assistance to support new permit applications and compliance with existing permits, environmental documents, and environmental laws and regulations;
- evaluation of impacts on water resources, including watersheds, infrastructure, groundwater, etc., from proposed land use projects and policies;
- land valuation, surveying, and acquisition analysis; project and program review to ensure consistency with laws, regulations, ordinances, policies, permits, plans, and CEQA/NEPA requirements;
- development of planning studies.

3.3 LAND AND NATURAL RESOURCE MANAGEMENT

Monitoring, mapping, testing, sampling, planning, studies, demonstration projects, assessments, surveys, modeling, analysis, field work, management recommendations, oversight, and reports associated with:

- invasive and nuisance species (plant, pathogen, invertebrate, fish, and wildlife) monitoring, control, and removal, especially at BHR Program sites;

- integrated pest management, including certified pest control advisor recommendations for pesticide applications;
- planning, inspection, and management of infrastructure such as culverts, ponds, wells, cattle infrastructure, fences, gates, public trails, staging areas, roads, and habitat restoration sites;
- hazard tree management;
- certified forestry including timber harvest plans and timber conversion plans;
- fire protection and fuels management;
- grazing management;
- cattle water supply management;
- pond draining and pond management;
- hydrology management;
- erosion management;
- watershed water quality and water supply protection including algae control;
- reservoir, dam, and instream flow management;
- property encroachment removal, record keeping, correspondence;
- access and staging planning and management;
- development of standard operating procedures;
- aerial surveys;
- land surveys;
- geographic information system (GIS) and global positioning system (GPS) mapping and analysis;
- other technical support as requested to support operations and maintenance of watershed lands, restoration projects, mitigation programs, Rights of Way (ROW), and environmental components of the SFPUC water and wastewater systems (locations where discharges or system operations and maintenance could affect natural resources) in compliance with local, state, and federal environmental requirements.

3.4 HABITAT RESTORATION AND NATURAL RESOURCE PROTECTION

Monitoring, mapping, testing, sampling, planning, studies, demonstration projects, assessments, surveys, modeling, conceptual design, corrective actions planning, analysis, field work, management recommendations, oversight, and reports associated with:

- specialized assessment, protection, and management of special status species (including, where appropriate, established Scientific Collecting Permits from California Department of Fish and Wildlife and Endangered Species Act 10(A)1(a) permits from US Fish and Wildlife Service) targeted by SFPUC for impact avoidance, protection, or habitat

enhancement including but not limited to: Callippe silverspot butterfly (*Speyeria callippe callippe*), San Bruno elfin butterfly (*Callophrys mossii bayensis*), Mission blue butterfly (*Icaricia icarioides missionensis*), Townsend's western big eared bat (*Corynorhinus townsendii townsendii*), rainbow trout / steelhead (*Oncorhynchus mykiss irideus*), Pacific lamprey (*Entosphenus tridentate*), Central Valley Chinook salmon (*Onchorhynchus tshawytscha*), California tiger salamander (*Ambystoma californiense*), foothill yellow-legged frog (*Rana boylei*), California red legged frog (*Rana aurora draytonii*), Western pond turtle (*Emys marmorata marmorata*), San Francisco garter snake (*Thamnophis sirtalis tetraenia*), Alameda whipsnake (*Masticophis lateralis euryxanthus*), marbled murrelet (*Brachyrampus marmoratus marmoratus*), western burrowing owl (*Athene cunicularia hypuge*); fountain thistle (*Cirsium fontinale fontinale*), San Mateo woolly sunflower (*Eriophyllum latilobum*), Marin western flax (*Hesperolinon congestum*), white rayed pentachaeta (*Pentachaeta bellidiflora*), most-beautiful jewelflower (*Streptanthus albidus* ssp. *peramoenus*), Congdon's tarplant (*Centromadia parryi* ssp. *Congdonii*), and Hospital Canyon larkspur (*Delphinium californicum* ssp. *Interius*);

- restoration of ecological function and physical processes;
- invasive and nuisance species (such as pathogens, plants, invertebrates, fish, and wildlife) monitoring, control, and removal (integrated pest management);
- creation, establishment, re-establishment, restoration, rehabilitation, enhancement, protection, monitoring, and management of various habitat types such as:
 - savannah, woodland, and forest;
 - ponds and wetlands;
 - riparian corridors;
 - grasslands;
 - scrublands;
 - rangelands;
 - stream habitats (including but not limited to fish and amphibian spawning, rearing, aestivation, migration, and movement habitats);
 - focal wildlife, fish, amphibian, or invertebrate species habitats including but not limited to shelter, feeding, and breeding habitats;
 - focal plant species habitats including but not limited to protection from herbivory, pests, pathogens, and competition, and enhancement of growing and reproductive conditions;
- seed source scouting, collection, storage, amplification, treatment, planting, germination, irrigation, protection, and maintenance;
- plant propagule (for example - cuttings, bulbs, rooted plants) collection, storage, phytosanitation, treatment and preparation, planting, irrigation, protection, and maintenance;
- planting basin management;
- protection of natural plant recruits;
- herbivory management;

- assessment, protection, and management of target plant (including services of licensed applicators using pesticides only as allowed by the San Francisco Department of the Environment), wildlife, fish, amphibian, or invertebrate species potentially affected by SFPUC actions;
- other habitat restoration and species protection services to support the SFPUC's Bioregional Habitat Restoration (BHR) program, the Watershed Environmental Improvement Program, Watershed Management Plans, the Water Enterprise Stewardship Policy, Water System Improvement Program CEQA and permit requirements (including aquatic species requirements), and other SFPUC plans, policies, and regulatory obligations.

3.5 OTHER PROFESSIONAL SERVICES

Professional and technical services to support the scope of services listed in Sections 3.1-4:

- creation of graphs, charts, tables, flowcharts, memos, maps, diagrams, guides, reports, analyses, recommendations, photographs, presentations, posters, signs, displays, videos, website content, educational and training materials, analytical software, and similar tools for analyzing data and communicating with the public, regulatory agencies, SFPUC staff, and other stakeholders.
- scientific peer reviews;
- statistical and scientific study design;
- statistical support and analyses (including various specialized statistical analyses such as Bayesian Belief Network analyses, diversity and reference envelope analyses, or sediment grain size and shoreline bacteria analyses)
- public education and public outreach – including but not limited to correspondence with stakeholders and neighbors, presentations, interpretive signs, curricula and content development, displays, educational and outreach strategies, and related services;
- public opinion and other social surveys (for example trail-user surveys);
- database development, document management, archiving, and work flow management and support;
- web-based software development, training, and implementation;
- other technical support as necessary to support operations and maintenance of watershed lands, restoration projects, mitigation programs, Right of Way (ROW) lands, and environmental components of the SFPUC water and wastewater systems (such as dams, reservoirs, and where intentional or unplanned discharges from SFPUC infrastructure may affect the environment), to meet operational needs and comply with local, state, and federal environmental requirements. (These tasks may be managed by BEM or NRLM staff.)

- Other related tasks as directed or approved by SFPUC

4. General Obligations

4.1 Project Management:

Contractor shall provide the following services, including but not limited to: 1) coordinate keeping SFPUC informed of progress, technical issues, and planned activities and events; 2) prepare scopes of work, budgets and schedules for all task proposals; 3) prepare for and attend coordination monthly progress meetings between SFPUC staff and senior project staff from the Contractor; submit monthly progress and expenditure reports, with highlights of work achievements during the past month, work planned and important milestones for the upcoming month and identify any issues or scope changes that may affect overall cost and/or schedule of tasks; 4) maintain project files including all reports, correspondence, data, observations, and other documents pertaining to tasks; and 5) coordinate review comments provided by others on reports, memoranda, project documents and other work products and document and disseminate responses to review comments.

4.2 Deliverables:

For final deliverables under a task order, Contractor will provide, unless otherwise specified in the task order, two bound hard copies, one printable electronic version, one searchable and user ready electronic version and one electronic editable deliverable in its native format compatible with SFPUC software version of the same manufacturer. GIS data will be provided with complete metadata. Draft deliverables will include a non-modifiable electronic version and an electronic version that can be modified using SFPUC software. Photographs and videos will be in formats that can be viewed by SFPUC. All field notes, raw data, photographs, videos, and maps will be provided to and will belong exclusively to the SFPUC unless otherwise specified. All photographs, videos, and data shall be provided digitally and be geo-referenced (contain GPS coordinates) with appropriate metadata (such as consultant name, time/date, location, project, etc.) unless otherwise specified by the task order manager.

4.3 Location:

To demonstrate adequate staffing availability, Contractor shall have a fully functioning office located within one of the nine San Francisco Bay Area Counties (San Francisco, Alameda, Marin, Santa Clara, Sonoma, Contra Costa, Napa, San Mateo, and Solano) prior to Notice to Proceed (NTP). This office shall include technical and non-technical staff capable of providing a significant amount of the scope of services outlined in this RFP.

5. Community Benefits

5.1 Terms and Conditions

The Contractor shall provide the CB Commitments detailed in its CB Submittal during the term of the Agreement. The representations, warranties, and other terms contained in the Contractor's CB Submittal will be the basis for a Community Benefit Plan, but are for the sole benefit of the parties hereto and shall not be construed as conferring any rights on any other persons or entities.

Providing community benefits is a deliverable, zero-dollar task. No hours or dollars should be allocated or included in Contractor's costs for the services under this Agreement in order to perform or deliver the voluntarily proposed CB Commitments. The Contractor shall fund the CB Commitments independently and such funding shall neither be tied to, nor dependent upon, SFPUC funds or sources of funding, receivable from SFPUC, including retention associated with this Agreement. This requirement of independent funding includes direct financial contributions and any funding related to the performance or delivery of the CB Commitments. The provision of CB Commitments does not entitle the Contractor to additional work beyond the services specified within the Agreement.

The Contractor shall commence performance of the CB Commitments promptly after issuance of the first Notice to Proceed (NTP) for this Agreement. CB Commitments performed as part of previous contracts or prior to the Contractor being awarded the Agreement cannot count towards the selected Contractor's CB Commitments for this Agreement. If the Contractor has established programs or plans that are consistent with the Community Benefits areas described in this RFP, Contractor may continue those programs as part of its CB Commitments and will be given credit for activities that are performed following the issuance of the first NTP by the SFPUC.

5.2 Project Team

Dr. Elahe Enssani shall serve as the Executive in Charge to manage the Contractor's CB Commitments and provide fiduciary oversight. The Executive in Charge shall ensure that the CB Commitments listed in the Community Benefits Summary Table below are delivered to the communities that they are intended to benefit in a transparent and accountable manner. The Executive in Charge shall work with the Community Benefits Coordinator, Jared Lewis, to organize, plan, track, measure, and report on Contractor's CB Commitments. The Executive in Charge is responsible for coordinating the senior management of Contractor's subconsultants to provide benefits to the community should such subconsultants choose to participate.

5.3 Community Benefits Commitments

Contractor shall provide \$0 in direct financial contributions, \$142,500 in volunteer hours, and \$0 in in-kind contributions. Contractor commits to a minimum contribution of \$142,500 over the term of this Agreement as stated in the Community Benefits Summary Table below.

Community Benefits Summary Table

Community Benefit Priority Area (choose from above)	Description of Community Benefit Program Area or Partner	Expected Outcomes	Timetable & Duration	Direct Financial Contribution	(B) Volunteer Hours	(C) Volunteer Hourly Rate (rate is standardized and cannot be changed)	(D) Total Value of Volunteer Hours (B x C)	(E) In-Kind Contributions	(F) Total Contributions (A + D + E)
1. Workforce Development	Technology focused workforce development program	Provide skills, experience, support, and on-the job training to prepare for professional careers and higher education	10 years (50 hours per year)	\$0	500 Hrs.	\$150/hr.	\$75,000	\$0	\$75,000
2. Education	Workshops, mentorship, and training with emphasis on building core STEM competency.	Increased access to science and technology education and technology resources and training.	10 years (45 hours per year)	\$0	450 Hrs.	\$150/hr.	\$67,500	\$0	\$67,500
TOTAL				\$0	950 Hrs.		\$142,500	\$0	\$142,500

5.4 Accountability and Deliverables

Contractor shall provide a description of the accountability methods to ensure that the proposed CB activities will be delivered in a transparent and accountable manner. To maximize transparency and accountability, a process must be proposed that will assist in independently verifying that such funds and resources were delivered to the intended beneficiaries.

Contractor must provide the following deliverables during performance of the Agreement:

5.4.1 Community Benefits Plan and Timeline

Contractor shall develop a Community Benefits Plan within three (3) months of issuance of the first NTP. The Community Benefits Plan will provide details regarding community partnerships, expenditures, a schedule, and timelines related to the CB Submittal.

Contractor is invited to meet once a year thereafter or as needed with the SFPUC External Affairs Community Benefits and Social Responsibility Manager during the term of the Agreement to discuss the work plan, timelines, partners, strategic delivery, scale, and performance necessary to ensure the commitments maximize collective resources and positive impact.

5.4.2 Community Benefits Commitments and Reporting

Contractor shall deliver the proposed CB Commitments specified in the CB Submittal and the Community Benefits Plan. Any proposed changes to the CB Commitments as set forth herein shall be submitted in writing for review by the External Affairs Community Benefits and Social Responsibility Manager.

Contractor shall submit biannual progress reports to the SFPUC External Affairs Community Benefits and Social Responsibility Manager, which detail the geographic scope of commitment, activities and outcomes, key metrics, and the total number of hours, dollars, etc. contributed to-date. Progress reports must be submitted on the last business day of the month following the close of 2nd and 4th business quarters. As part of the progress reports, Contractor also must submit documents to substantiate that the CB Commitments and any funds associated therewith were delivered to the communities they were intended to benefit. These reporting requirements may be adjusted over the duration of the program due to system improvements.

Contractor shall also submit an annual report documenting the culmination of their CB Commitments, beneficiaries, and outcomes for the year.

5.5 Statements of Understanding

Contractor acknowledges that they agree with the following statements:

- All instructions for the CB Submittal have been followed.
- Any of the CB Commitments that the Contractor voluntarily commits to should directly benefit the communities, neighborhoods, and/or residents served by or impacted by the SFPUC.
- CB Commitments must support nonprofit, charitable, or related activities.
- CB Commitments shall not go to, nor benefit, any City department or employee.
- CB Commitments are separate from and in addition to any regulatory or legal requirements related to the Agreement.
- CB Commitments must be delivered at zero dollar cost to the SFPUC.
- The total commitment amount listed in the Community Benefits Summary Table in the final Agreement is considered binding.
- Only activities commenced after the first NTP for this Agreement is issued will count towards the fulfillment of Contractor's CB Commitments.
- Contractor commits to complying with SFPUC's reporting requirements.
- Contractor commits to the Terms and Conditions set forth in this section and in the Agreement.

Contractor shall provide all of the CB Commitments, consistent with all of the terms of Contractor's Community Benefits Proposal dated June 19, 2018, which is incorporated herein by this reference. Should there be any conflicts or discrepancies between the language in this section and the Contractor's Community Benefits Proposal, the terms of the language of this section shall prevail as Contractor and SFPUC's final mutual understanding and agreement.

6. **Services Provided by Attorneys.** Any services to be provided by a law firm or attorney must be reviewed and approved in writing in advance by the City Attorney. No invoices for services provided by law firms or attorneys, including, without limitation, as subcontractors of Contractor, will be paid unless the provider received advance written approval from the City Attorney.

7. **Department Liaison.** In performing the Services provided for in this Agreement, Contractor's liaison with the SFPUC will be Dan Stewart ("Asset and Maintenance Planning Specialist").

8. **Deliverables and Reports.** Contractor shall submit Deliverables and reports as requested by the SFPUC. Format for the content of such Deliverables and reports shall be determined by the SFPUC. The timely submission of all Deliverables and reports is a necessary and material term and condition of this Agreement. Written Deliverables and reports, including any copies, shall be submitted on recycled paper and printed on double-sided pages to the maximum extent possible.

9. **Performance Evaluation.** Performance evaluations support the SFPUC's objective of continuously improving the quality of Contractor services. The SFPUC may or may not, at its sole discretion, conduct evaluation/s of Contractor's performance. Ratings are ultimately the decision of the SFPUC and are not subject to negotiation with the Contractor. However, the Contractor may provide comments on a performance evaluation form if an evaluation is performed. In the event that the SFPUC conducts performance evaluation(s) of the Contractor, such performance evaluation(s) shall not confer any express or implied rights upon Contractor, nor shall they shift any liability to the SFPUC for the Contractor's performance of the contract.

Appendix B Calculation of Charges

As part of Contractor's proposal dated June 19, 2018, Contractor submitted proposed billing rates, attached hereto as Appendix B-1, Fee Schedule, for the requested tasks identified in Appendix A, Scope of Services which are incorporated herein by this reference.

As provided in the Fee Schedule, the budget identified for tasks is an estimate, and the City reserves the right to modify the budget allocated, if applicable, to any task as more specific information concerning the task order scope becomes available.

No invoices for Services provided by law firms or attorneys, including, without limitation, as subcontractors of Contractor, will be paid unless the provider received advance written approval from the City Attorney.

1. Billing Rates. Contractor's billing rates and each and every staff classification as stated in Appendix C will be the billing rates for the listed individuals. The billing rate may not exceed the lowest rate charged to any other governmental entity except the City and County of San Francisco. Billing rates will be fixed for the first one year of the contract, and may be adjusted annually thereafter. The first adjustment may be made no earlier than the first anniversary of the effective start date as indicated in the original Notice of Contract Award letter. The amount of the adjustment is limited to a maximum of the CPI annual percentage change increase (San Francisco Bay Area for Urban Wage Earners and Clerical Workers) for the previous calendar year. No increase, including the annual CPI adjustment, is allowed to billing rates exceeding **\$220 per hour**, unless Project Manager and Bureau Manager authorize an increase to the rate in writing.

2. Personnel Changes. Any proposed changes to project personnel or staff classification as listed in Appendix C must be approved in advance of any work commencing on the project and in writing by the SFPUC Project Manager. These personnel changes may include but are not limited to:

- Proposed addition of new project personnel to perform requested services that are within the scope of the Agreement;
- Proposed change of staff classification for existing personnel; and/or
- Proposed replacement or substitution of any employee listed in Appendix B-1 due to termination, promotion or reclassification.

All proposed personnel must meet all qualification requirements established by the Agreement.

3. Effective Overhead and Profit Rate. The Effective Overhead and Profit Rate (EOPR) for **PRO.0066.B** is 2.48. The EOPR or Individual Firm Overhead and Profit Rate will apply to the billing rate of all individuals not listed in Appendix C. The EOPR will also apply to all

amendments to the Agreement. If a new subcontractor is added during the duration of the Agreement, the new individual firm multiplier can be no more than the EOPR.

4. Other Direct Costs (ODC). Direct reimbursable expenses (ODCs – Other Direct Costs) shall include actual direct costs (with no mark up) of expenses directly incurred in performing the work. All ODCs are subject to pre-approval in writing by the SFPUC Project Manager.

a. The following items will be eligible for reimbursement as ODCs:

- Out-of-town travel (“out-of-town” shall mean outside the nine Bay Area counties: San Francisco, Alameda, Marin, Santa Clara, Sonoma, Contra Costa, Napa, San Mateo, Solano);
- Out- of town meal, travel and lodging expenses for project-related business trips, including, but not limited to:
 - Rental vehicle: traveler must select the most economical contractor and type of vehicle available and acquire any commercial rate or government discount available when the vehicle is rented;
 - Personal vehicle use: Contractor will be paid per mile as established by the United State Internal Revenue Service and only for that portion of travel that is outside the nine Bay Area counties and non-routine. Should the travel begin or end on a normal workday, the Contractor shall subtract commuting mileage from total mileage to calculate reimbursable mileage. The Contractor shall submit to the City an approved mileage log with its monthly invoices;
 - Meal and lodging expenses shall be reasonable and actual but limited to Federal government per diem rates;
- Specialty printing (“specialty” as used herein shall mean large volume printing and color printing and requires prior written approval by SFPUC project staff and documentation of the written approval by the SFPUC must be included with the invoice);
- Specialty computer hardware and software (only with prior written approval by SFPUC project staff and documentation of the written approval by the SFPUC must be included with the invoice – all hardware and software will be the property of the City);
- Courier services that are project related and originated from the project site offices;
- Permit fees;
- Expedited courier services when requested by SFPUC staff; and
- Safety equipment.
- **Incidental Materials**, including, but not limited to: pressure transducers, cameras, tablet computers, survey equipment, gps and other mapping tools, soil sensors, etc. Contractor shall deliver any incidental equipment or materials purchased during the performance of the tasks to the SFPUC in good working order. Contractor shall acquire such incidental materials for the benefit of SFPUC and shall pass through all titles and warranties to such

equipment to the SFPUC prior to expiration or termination of the Agreement. The SFPUC will identify the delivery location.

b. Anything not listed above is not eligible for reimbursement. They include, but are not limited to:

- All other travel expenses such as parking, bridge tolls, public transit, vehicle mileage within the nine Bay Area Counties, travel from Contractor's home office to SFPUC facilities;
- Contractor personnel relocation costs;
- Any home or regional office labor charges or pass-throughs, including but not limited to, administrative and clerical personnel time;
- Personnel relocation and temporary assignment expenses;
- Entertainment expenses;
- Cell phones;
- Home office expenses;
- Telephone calls and faxes originating in the firm's home office, standard computer use charges, computer hardware or software computer hardware or software (other than the specialty hardware or software mentioned above), communication devices, and electronic equipment;
- Meal expenses which are not related to project-related business trips, including refreshments and working lunches with SFPUC staff;
- Equipment to be used by SFPUC staff; and
- Postage and courier services which are not requested by SFPUC staff.

5. Subcontractor make-up and documentation. Second-tier and pass-through subcontracting is prohibited. Additional subcontractors may be added to the contractor team after obtaining pre-authorization by the SFPUC Project Manager, Bureau/Division Manager and the Contract Monitoring Division (CMD).

6. Subcontractor Fees:

- Subject to the restrictions in this Section 4;
- Shall be subject to written pre-approval by the Contractor's liaison with the SFPUC;
- Subcontractor administration markup is limited to five percent (5%) of subcontractors' actual labor costs.

7. Retention. Five percent (5%) of each invoice payment will be withheld for each task order. When the work for the task order or defined critical milestones has been completed to the satisfaction of the SFPUC Project Manager and all work products have been received and approved by the SFPUC Project Manager, the Contractor may request that the retention be

released. In lieu of money retention, an irrevocable letter of credit acceptable to the City will be accepted.

8. Invoice Requirements. As part of its contracting obligations, the Contractor is required to utilize the City's approved invoicing and time-keeping systems, as specified by the SFPUC project team, for the purposes for which they are intended. Contractor shall not bill the SFPUC to use these systems. Contractor shall not charge SFPUC to send appropriate personnel to user training.

Contractor shall follow the invoicing and supporting documentation instructions as prescribed by the SFPUC.

Invoice Supporting Documentation:

All labor hours must be substantiated by timesheet summaries extracted from the Contractor's accounting system. Each timesheet summary shall include the staff person's name, company, dates of the days worked, and the number of hours worked each day.

Mileage ODCs must be accompanied by mileage logs providing the beginning and ending mileage to substantiate the variable portal-to-portal distance and local driving required while performing the work. All other ODCs must be substantiated with copies of original receipts including a brief description for each receipt memorializing the purpose.

CMD Form 7 "Progress Payment Form" must be included with each invoice to identify the participation and amount payable to the subcontractors.

CMD Form 9 "Payment Affidavit" must be submitted within ten (10) days of receiving payment for each invoice to document the subcontractor's payment by the prime contractor.

Appendix B-1 Fee Schedule

FEE SCHEDULE for PRO.0066: Natural Resources Specialized and Technical Services *Applied Technology & Science (A-T-S)*

OVERHEAD AND PROFIT SCHEDULE (all Proposers to complete)							
Firms	Staff Classification/Title	Name of Proposed Staff Person	Base Rate (\$/hour)	Firm's Overhead and Profit Rate (OPR, or "multiplier")	Billing Rate (\$/hour, not to exceed \$240/hour)	Estimated Participation per CMD Form 5 or 5A (% of Contract)	Contribution to Effective Overhead and Profit Rate
[A]	[B]	[C]	[D]	[E]	[F]=[D]x[E]	[G]	[H]=[G]x[E]
A-T-S	Principle / Contract Manager	Elahe Enssani	\$ 90.00	2.5	\$225.00	68.5%	171.25%
	Senior Environmental Scientist	Jared Lewis	\$ 56.65		\$141.63		
	Senior Ecologist / Botanist	Russell Huddleston	\$ 79.82		\$199.55		
	Senior Wildlife Ecologist	Aive Rossi	\$ 65.00		\$162.50		
	Senior Hydrologist	Jason Pearson	\$ 65.00		\$162.50		
	Senior Geologist / Hydrogeologist	Paul Studemeister	\$ 70.00		\$175.00		
	Senior Rangeland Ecologist	Pelayo Alvarez	\$ 80.00		\$200.00		
	Project controller	Anousheh Tarassoly	\$ 51.50		\$128.75		
	Senior Biologist	Vr McCoy	\$ 62.00		\$155.00		
	Senior Biologist	Mason Holmes	\$ 51.50		\$128.75		
	Staff Botanists	Roger Stephens	\$ 36.05		\$90.13		
	Staff Biologist	Marina Olson	\$ 37.00		\$92.50		
	Staff Biologist	Joy Stewart	\$ 23.69		\$59.23		
	Staff Biologist	Jackson Sabol	\$ 36.05		\$90.13		
	Staff Biologist	Russell Hutto	\$ 28.84		\$72.10		
	Senior Paleontologist	Jim Walker	\$ 64.00		\$160.00		
	Senior Archeologist	Colin Busby	\$ 75.00		\$187.50		
	Staff Biologist	Mizael Seminatore	\$ 28.84		\$72.10		
	Senior Environmental Planner	Denis Kearney	\$ 65.00		\$162.50		
	Senior Integrated Pest Manager	Don Bartel	\$ 85.00		\$212.50		
CDM Smith	Senior Water Resources Planner	Andria R. Loutsch	\$ 71.57	3.2	\$229.02	5%	16.00%
	Staff Geologist	Ryan Wood	\$ 43.19		\$138.21		
	Principle / Senior Environmental Scientist	Gwendolyn Pelletier	\$ 59.24		\$189.57		
Stantec	Principle / Senior Project Manager	Scott Oplpelt	\$ 75.00	3.2	\$240.00	5%	16.00%
	Principle / Senior Project Manager	Dave Lundgren	\$ 75.00		\$240.00		
	Senior Wildlife Biologist	Tom Davis	\$ 47.28		\$151.30		
	Associate Biologist	Yasmine Akky	\$ 46.16		\$147.71		
	Associate / Data Analysis	Peter Eernisse	\$ 50.00		\$160.00		
	Staff Archaeologist / Cultural Resources	Esmé Hammerle	\$ 41.83		\$133.86		
	Associate Planner/Environmental Planner	Josh Hohn	\$ 55.73		\$178.34		
	Senior Associate / Geotechnical	Shaun Vermuri	\$ 65.00		\$208.00		
	Health & Safety Manager	Patrick Hermann	\$ 45.00		\$144.00		
	Principle / Senior Regulatory Specialist	Cameron Johnson	\$ 57.69		\$184.61		
Johnson Marigot Consulting	Principle / Senior Regulatory Specialist	Paula Gill	\$ 75.00	3.2	\$240.00	0.5%	1.60%
	Associate Regulatory Specialist	Lauren Bingham	\$ 42.40		\$135.68		
	Associate Regulatory Specialist	Sadie McGarvey	\$ 39.75		\$127.20		
	Associate Regulatory Specialist	Tim O'Donnell	\$ 36.06		\$115.39		
	Principle / Restoration Ecologist	Stuart Siegel	\$ 180.00		\$180.00		
Meridian Surveying Inc.	Project Surveyor	Keith Robichaud	\$ 50.00	2.8	\$140.00	3%	8.40%
Coast Ridge Ecology	Principal Biologist / Senior Biologist	Patrick Kobernus	\$ 50.00	2.5	\$125.00	5%	12.50%
Buena Vista Services	Forestry Consultant	Joe McGuire	\$ 132.36	1	\$132.36	1%	1.00%
	Forestry Consultant	Gene Forsburg	\$ 132.36		\$132.36		
Avila and Associates	Staff Wildlife Biologist	Sarah Flaherty	\$47.23	2.5	\$118.08	2%	5.00%
	Staff Wildlife Biologist	Cynthia Padula	\$39.36		\$98.40		
Phytosphere Research	Principal / Plant Pathologist	Tedmund Swiecki	\$ 105.00	1	\$105.00	2%	2.00%
	Principal / Plant Pathologist	Elizabeth Bernhardt	\$ 105.00		\$105.00		
Bender Rosenthal	Principal Project Manager / ROW Manager	David Waa	\$ 98.81	2.4288	\$239.99	1%	2.43%
	Senior Project Manager / Acquisition Manager	Brenda Schimpf	\$ 85.00		\$206.45		
	Appraiser, MAI	Adam Bursch	\$ 81.73		\$198.51		
	Senior Project Coordinator	Rebekah Green	\$ 58.05		\$140.99		
Ecoanalysts	Laboratory Analysis	Laboratory Analysis	ODC	1		2%	2.00%
Effective Project Overhead & Profit Rate (EOPR): Maximum Allowable Effective Project Multiplier = 3.20						2.43	