

CONSULTANT SERVICES AGREEMENT

THIS AGREEMENT is entered into as of the ____ day of June, 2017, by and between the CITY OF CALISTOGA, herein called the "City," and AECOM, herein called the "Consultant."

Recitals

WHEREAS, City desires to obtain environmental permit inspection services in connection with the Kimball Reservoir Intake Tower, Drain Valve and Piping Improvements Project; and

WHEREAS, Consultant hereby warrants to the City that Consultant is skilled and able to provide such services described in Section 3 of this Agreement; and

WHEREAS, City desires to retain Consultant pursuant to this Agreement to provide the services described in Section 3 of this Agreement.

Agreement

NOW, THEREFORE, in consideration of their mutual covenants, the parties hereto agree as follows:

1. Incorporation of Recitals. The recitals set forth above, and all defined terms set forth in such recitals and in the introductory paragraph preceding the recitals, are hereby incorporated into this Agreement as if set forth herein in full.

2. Project Coordination.

A. City. The City Manager or his/her designee, shall represent City for all purposes under this Agreement. The City Manager or designee is hereby designated as the Project Manager. The Project Manager shall supervise the progress and execution of this Agreement.

B. Consultant. The Consultant shall assign Craig Smith to have overall responsibility for the progress and execution of this Agreement for Consultant.

3. Scope and Performance of Services.

A. Scope of Services. Subject to such policy direction and approvals as the City through its staff may determine from time to time, Consultant shall perform the services set out in the "Scope of Work" attached hereto as Exhibit A and incorporated herein by reference.

B. Time of Performance. The services of Consultant are to commence no sooner than June 21, 2017 and be completed not later than October 14, 2018. Consultant shall perform its services in accordance with the above-mentioned schedule. Any changes to these dates in this Section 3 must be approved in writing by the Project Manager.

C. Standard of Quality. City relies upon the professional ability of Consultant as a material inducement to entering into this Agreement. All work performed by Consultant under this Agreement shall be in accordance with all applicable legal requirements and shall meet the standard of quality ordinarily to be expected of competent professionals in Consultant's field of expertise.

4. Compensation and Method of Payment.

A. Compensation. The compensation to be paid to Consultant, including both payment for professional services and reimbursable expenses, shall be at the rate and schedules attached hereto as Exhibit A, and incorporated herein by reference. However, in no event shall the amount City pays Consultant exceed Ninety Seven thousand Two Hundred Ninety-nine Dollars (\$97,299). Payment by City under this Agreement shall not be deemed a waiver of unsatisfactory work, even if such defects were known to the City at the time of payment.

B. Timing of Payment Consultant shall submit itemized monthly statements for work performed. City shall make payment, in full, within thirty (30) days after approval of the invoice by the Project Manager.

C. Changes in Compensation. Consultant will not undertake any work that will incur costs in excess of the amount set forth in Paragraph 4(A) without prior written amendment to this Agreement.

D. Taxes. Consultant shall pay all taxes, assessments and premiums under the federal Social Security Act, any applicable unemployment insurance contributions, Workers Compensation insurance premiums, sales taxes, use taxes, personal property taxes, or other taxes or assessments now or hereafter in effect and payable by reason of or in connection with the services to be performed by Consultant.

E. No Overtime or Premium Pay. Consultant shall receive no premium or enhanced pay for work normally understood as overtime, i.e., hours that exceed forty (40) hours per work week, or work performed during non-standard business hours, such as in the evenings or on weekends. Consultant shall not receive a premium or enhanced pay for work performed on a recognized holiday. Consultant shall not receive paid time off for days not worked, whether it be in the form of sick leave, administrative leave, or for any other form of absence.

F. Litigation Support. Consultant agrees to testify at City's request if litigation is brought against City in connection with Consultant's work product. Unless the action is brought by Consultant or is based upon Consultant's negligence, City will compensate Consultant for the preparation and the testimony at Consultant's standard hourly rates, if requested by City and not part of the litigation brought by City against Consultant.

5. Amendment to Scope of Work. City shall have the right to amend the Scope of Work within the Agreement by written notification to the Consultant. In such event, the compensation and time of performance shall be subject to renegotiation upon written demand of either party to the Agreement. Consultant shall not commence any work exceeding the Scope of Work without prior written authorization from the City. Failure of the Consultant to secure

City's written authorization for extra or changed work shall constitute a waiver of any and all right to adjustment in the contract price or time due, whether by way of compensation, restitution, quantum meruit, etc. for work done without the appropriate City authorization.

6. Term. This Agreement shall commence upon its execution and shall continue in full force and effect until completed, amended pursuant to Section 21, or otherwise terminated as provided herein.

7. Inspection. Consultant shall furnish City with every reasonable opportunity for City to ascertain that the services of Consultant are being performed in accordance with the requirements and intentions of this Agreement. All work done and all materials furnished, if any, shall be subject to the Project Manager's inspection and approval. The inspection of such work shall not relieve Consultant of any of its obligations to fulfill the Agreement as prescribed.

8. Ownership of Documents. Title to all plans, specifications, maps, estimates, reports, manuscripts, drawings, descriptions and other final work products compiled by the Consultant under the Agreement shall be vested in City, none of which shall be used in any manner whatsoever, by any person, firm, corporation, or agency without the expressed written consent of the City. Basic survey notes and sketches, charts, computations, and other data prepared or obtained under the Agreement shall be made available, upon request, to City without restriction or limitations on their use. Consultant may retain copies of the above-described information but agrees not to disclose or discuss any information gathered, discussed or generated in any way through this Agreement without the written permission of City during the term of this Agreement, unless required by law.

9. Employment of Other Consultants, Specialists or Experts. Consultant will not employ or otherwise incur an obligation to pay other consultants, specialists, or experts for services in connection with this Agreement without the prior written approval of the City.

10. Conflict of Interest.

A. Consultant covenants and represents that neither it, nor any officer or principal of its firm, has, or shall acquire any investment, income, business entity, interest in real property, or other interest, directly or indirectly, which would conflict in any manner with the interests of City, hinder Consultant's performance of services under this Agreement, or be affected in any manner or degree by performance of Consultant's services hereunder. Consultant further covenants that in the performance of the Agreement, no person having any such interest shall be employed by it as an officer, employee, agent, or subcontractor without the express written consent of the City. Consultant agrees to at all times avoid conflicts of interest, or the appearance of any conflicts of interest, with the interests of the City in the performance of the Agreement.

B. Consultant is not a designated employee within the meaning of the Political Reform Act because Consultant:

(1) will conduct research and arrive at conclusions with respect to its rendition of information, advice, recommendation, or counsel independent of the control and direction of the City or of any City official, other than normal contract monitoring; and

(2) possesses no authority with respect to any City decision beyond the rendition of information, advice, recommendation, or counsel. (2 Cal. Code Regs. § 18700(a)(2).)

11. Liability of Members and Employees of City. No member of the City and no other officer, employee or agent of the City shall be personally liable to Consultant or otherwise in the event of any default or breach of the City, or for any amount which may become due to Consultant or any successor in interest, or for any obligations directly or indirectly incurred under the terms of this Agreement.

12. Indemnity. To the fullest extent permitted by law, Consultant hereby agrees to defend (by counsel reasonably satisfactory to the City), indemnify, and hold harmless the City, its officers, agents, employees, volunteers, and servants, from and against any and all claims, demands, damages, costs, liabilities, or obligations brought on account of or arising out of any acts, errors, or omissions of Consultant, its officers, employees, agents, and subcontractors undertaken pursuant to this Agreement excepting liabilities due to the sole negligence or willful misconduct of City. The City has no liability or responsibility for any accident, loss, or damage to any work performed under this Agreement whether prior to its completion and acceptance or otherwise. Consultant's duty to indemnify and hold harmless, as set forth herein, shall include the duty to defend as set forth in California Civil Code § 2778. This indemnification obligation is not limited in any way by any limitation on the amount or type of damages or compensation payable by or for Consultant under Worker's Compensation, disability or other employee benefit acts or the terms, applicability or limitations of any insurance held or provided by Consultant and shall continue to bind the parties after termination/completion of this agreement.

13. Consultant Not an Agent of City. Consultant, its officers, employees and agents shall not have any power to bind or commit the City to any decision.

14. Independent Contractor. It is expressly agreed that Consultant, in the performance of the work and services agreed to be performed by Consultant, shall act as and be an independent contractor and not an agent or employee of City; and as an independent contractor, Consultant shall obtain no rights to retirement benefits or other benefits which accrue to City's employees, and Consultant hereby expressly waives any claim it may have to any such rights.

15. Compliance with Laws.

A. General. Consultant shall use the standard of care in its profession to comply with all applicable federal, state, and local laws, codes, ordinances, and regulations. Consultant represents and warrants to City that it has and shall, at its sole cost and expense, keep in effect or obtain at all times during the term of this Agreement any licenses, permits, insurance and approvals which are legally required for Consultant to practice its profession. Consultant

shall maintain a City business license. The City is not responsible or liable for Consultant's failure to comply with any or all of the requirements contained in this paragraph.

B. Workers' Compensation. Consultant certifies that it is aware of the provisions of the California Labor Code which require every employee to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that Code, and Consultant certifies that it will comply with such provisions before commencing performance of the Agreement and at all times in the performance of the Agreement.

C. Prevailing Wage. Consultant and Consultant's subconsultants (if any) shall, to the extent required by the California Labor Code, pay not less than the latest prevailing wage rates to workers and professionals as determined by the Director of Industrial Relations of the State of California pursuant to California Labor Code, Part 7, Chapter 1, Article 2. Copies of the applicable wage determination are on file at the City's Public Works Department office.

D. Injury and Illness Prevention Program. Consultant certifies that it is aware of and has complied with the provisions of California Labor Code § 6401.7, which requires every employer to adopt a written injury and illness prevention program.

E. City Not Responsible. City is not responsible or liable for Consultant's failure to comply with any and all of its requirements under this section and Agreement.

F. Waiver of Subrogation. Consultant and Consultant's insurance company agree to waive all rights of subrogation against City, its elected or appointed officials, officers, agents, employees, and volunteers for losses paid under Consultant's workers' compensation insurance policy which arise from the work performed by Consultant for the City.

16. Confidential Information. All data, documents, discussions or other information developed or received by or for Consultant in performance of this Agreement are confidential and not to be disclosed to any person except as authorized by the City, or as required by law.

17. Assignment; Subcontractors; Employees.

A. Assignment. Consultant shall not assign, delegate, transfer, or convey its duties, responsibilities, or interests in this Agreement or any right, title, obligation, or interest in or to the same or any part thereof without the City's prior written consent. Any assignment without such approval shall be void and, at the City's option, shall immediately cause this Agreement to terminate.

B. Subcontractors; Employees. Consultant shall be responsible for employing or engaging all persons necessary to perform the services of Consultant hereunder. No subcontractor of Consultant shall be recognized by the City as such; rather, all subcontractors are deemed to be employees of the Consultant, and Consultant agrees to be responsible for their performance. Consultant shall give its personal attention to the fulfillment of the provisions of this Agreement by all of its employees and subcontractors, if any, and shall keep the work under its control. If any employee or subcontractor of Consultant fails or refuses to carry out the provisions of this Agreement or appears to be incompetent or to act in a disorderly or improper

manner, it shall be discharged immediately from the work under this Agreement on demand of the Project Manager.

18. Insurance.

A. Minimum Scope of Insurance.

(1) Consultant agrees to have and maintain, for the duration of this Agreement, a General Liability insurance policy insuring it and its firm to an amount not less than \$2,000,000 (Two Million Dollars) combined single limit per occurrence and in the aggregate for bodily injury, personal injury, and property damage.

(2) Consultant agrees to have and maintain, for the duration of this Agreement, an Automobile Liability insurance policy insuring it and its staff to an amount not less than \$1,000,000 (One Million Dollars) combined single limit per accident for bodily injury and property damage.

(3) Consultant shall maintain professional errors and omissions liability insurance for protection against claims alleging negligent acts, errors, or omissions which may arise from Consultant's operations under this Agreement, whether such operations be by Consultant or by its employees, subcontractors, or subconsultants. The amount of this insurance shall not be less than \$1,000,000 (One Million Dollars) on a claims-made annual aggregate basis.

(4) A Workers' Compensation and Employers' Liability policy written in accordance with the laws of the State of California and providing coverage for any and all employees of Consultant:

(a) This policy shall provide coverage for Workers' Compensation (Coverage A).

(b) This policy shall also provide required coverage for Employers' Liability (Coverage B).

(5) All of the following endorsements are required to be made a part of each of the required policies, except for the Professional Liability and Workers' Compensation and Employers' Liability policies, as stipulated below:

(a) "The City of Calistoga, its officials, officers, agents, employees, and volunteers are hereby added as additional insureds, but only as respects work done by, for, or on behalf of the named insured."

(b) "This policy shall be considered primary insurance as respects any other valid and collectible insurance the City may possess, including any self-insured retention the City may have, and any other insurance the City does possess shall be considered excess insurance only and shall not contribute with it."

(c) "This insurance shall act for each insured and additional insured as though a separate policy had been written for each. This, however, will not act to increase the limit of liability of the insuring company."

(6) Consultant shall provide to City all certificates of insurance with original endorsements effecting coverage required by this paragraph. Certificates of such insurance shall be filed with City on or before commencement of performance of this Agreement. City reserves the right to require complete, certified copies of all required insurance policies at any time.

(7) Any failure to comply with reporting provisions of the policies shall not affect coverage provided to City, its officials, officers, agents, employees, and volunteers.

(8) Consultant's insurance shall apply separately to each insured against whom a claim is made or suit is brought, except with respect to the limits of the insurer's liability.

B. All Coverages. Each insurance policy required shall provide that coverage shall not be canceled, except after 30-days' prior written notice by certified mail, return receipt requested, has been given to City. Current certification of such insurance shall be kept on file with the City Manager at all times during the term of this Agreement.

C. Acceptability of Insurers. Insurance is to be placed with insurers with a Best's rating of no less than A:VII.

D. Deductibles and Self-Insured Retentions. Any deductibles or self-insured retentions must be declared to and approved by the City. At the City's option, Consultant shall demonstrate financial capability for payment of such deductibles or self-insured retentions.

E. Verification of Coverage. Consultant shall furnish the City with original Certificate(s) of Insurance verifying Consultant's receipt of the insurance coverage required herein.

19. Termination of Agreement; Default.

A. This Agreement and all obligations hereunder may be terminated at any time, with or without cause, by the City upon 5-days' written notice to Consultant.

B. If Consultant fails to perform any of its obligations under this Agreement within the time and in the manner herein provided or otherwise violate any of the terms of this Agreement, in addition to all other remedies provided by law, City may terminate this Agreement immediately upon written notice. In such event, Consultant shall be entitled to receive as full payment for all services satisfactorily rendered and expenses incurred hereunder, an amount which bears the same ratio to the total fees specified in the Agreement as the services satisfactorily rendered hereunder by Consultant bear to the total services otherwise required to be performed for such total fee; provided, however, that the City shall deduct from such amount the

amount of damages, if any, sustained by City by virtue of the breach of the Agreement by consultant.

C. In the event this Agreement is terminated by City without cause, Consultant shall be entitled to any compensation owing to it hereunder up to the time of such termination, it being understood that any payments are full compensation for services rendered prior to the time of payment.

D. Upon termination of this Agreement with or without cause, Consultant shall turn over to the City Manager immediately any and all copies of studies, sketches, drawings, computations, and other data, whether or not completed, prepared by Consultant or its subcontractors, if any, or given to Consultant or its subcontractors, if any, in connection with this Agreement. Such materials shall become the permanent property of the City. Consultant, however, shall not be liable for the City's use of incomplete materials nor for the City's use of complete documents if used for other than the project contemplated by this Agreement.

20. Suspension. The City shall have the authority to suspend this Agreement and the services contemplated herein, wholly or in part, for such period as it deems necessary due to unfavorable conditions or to the failure on the part of the Consultant to perform any provision of this Agreement. Consultant will be paid for satisfactory Services performed through the date of temporary suspension.

21. Merger; Amendment. This Agreement constitutes the complete and exclusive statement of the agreement between the City and Consultant and shall supersede all prior negotiations, representations, or agreements, either written or oral. This document may be amended only by written instrument, signed by both the City and Consultant. All provisions of this Agreement are expressly made conditions.

22. Interpretation. This Agreement shall be interpreted as though it was a product of a joint drafting effort and no provisions shall be interpreted against a party on the ground that said party was solely or primarily responsible for drafting the language to be interpreted.

23. Litigation Costs. If either party becomes involved in litigation arising out of this Agreement or the performance thereof, the court in such litigation shall award reasonable costs and expenses, including attorneys' fees, to the prevailing party. In awarding attorneys' fees, the court will not be bound by any court fee schedule, but shall, if it is in the interest of justice to do so, award the full amount of costs, expenses, and attorneys' fees paid or incurred in good faith.

24. Time of the Essence. Time is of the essence of this Agreement.

25. Written Notification. Any notice, demand, request, consent, approval or communication that either party desires or is required to give to the other party shall be in writing and either served personally or sent by prepaid, first class mail. Any such notice, demand, etc. shall be addressed to the other party at the address set forth below. Either party may change its address by notifying the other party of the change of address. Notice shall be deemed communicated within 72 hours from the time of mailing if mailed as provided in this section.

If to City: City Clerk
City of Calistoga
1232 Washington Street.
Calistoga, CA 94515

If to Consultant: Craig Smith
AECOM
300 Lakeside Drive
Oakland, CA 94612

26. Consultant's Books and Records.

A. Consultant shall maintain any and all ledgers, books of account, invoices, vouchers, canceled checks, and other records or documents evidencing or relating to charges for services, or expenditures and disbursements charged to the City and all documents and records which demonstrate performance under this Agreement for a minimum period of three (3) years, or for any longer period required by law, from the date of termination or completion of this Agreement.

B. Any records or documents required to be maintained pursuant to this Agreement shall be made available for inspection or audit, at any time during regular business hours, upon written request by the City Attorney, City Auditor, City Manager, or a designated representative of any of these officers. Copies of such documents shall be provided to the City for inspection when it is practical to do so. Otherwise, unless an alternative is mutually agreed upon, the records shall be available at Consultant's address indicated for receipt of notices in this Agreement.

C. The City may, by written request by any of the above-named officers, require that custody of the records be given to the City and that the records and documents be maintained in the City Manager's office.

27. Agreement Binding. The terms, covenants, and conditions of this Agreement shall apply to, and shall bind, the heirs, successors, executors, administrators, assigns, and subcontractors of both parties.

28. Equal Employment Opportunity. Consultant is an equal opportunity employer and agrees to comply with all applicable state and federal regulations governing equal employment opportunity. Consultant will not discriminate against any employee or applicant for employment because of race, age, sex, creed, color, sexual orientation, marital status or national origin. Consultant will take affirmative action to ensure that applicants are treated during such employment without regard to race, age, sex, creed, color, sexual orientation, marital status, or national origin. Such action shall include, but shall not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; lay-offs or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. Consultant further agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.

29. City Not Obligated to Third Parties. The City shall not be obligated or liable for payment hereunder to any party other than the Consultant.

30. Waiver. No failure on the part of either party to exercise any right or remedy hereunder shall operate as a waiver of any other right or remedy that party may have hereunder.

31. Severability. If any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, then such provision or provisions shall be deemed severable from the remaining provisions hereof, and such invalidity, illegality, or unenforceability shall not affect any other provision hereof, and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had not been contained herein.

32. Exhibits. The following exhibits are attached to this Agreement and incorporated herein by this reference:

A. Exhibit A: Scope of Work & Compensation

33. Execution. This Agreement may be executed in several counterparts, each of which shall constitute one and the same instrument and shall become binding upon the parties when at least one copy hereof shall have been signed by both parties hereto. In approving this Agreement, it shall not be necessary to produce or account for more than one such counterpart.

34. News Releases/Interviews. All Consultant and subconsultant news releases, media interviews, testimony at hearings and public comment shall be prohibited unless expressly authorized by the City.

35. Applicable Law; Venue. This Agreement shall be construed and interpreted according to California law. In the event that suit shall be brought by either party hereunder, the parties agree that trial of such action shall be held exclusively in a state court in the County of Napa, California.

36. Authority. Each individual executing this Agreement on behalf of one of the parties represents that he or she is duly authorized to sign and deliver the Agreement on behalf of such party and that this Agreement is binding on such party in accordance with its terms.

IN WITNESS WHEREOF, the City and Consultant have executed this Agreement as of the date first above written.

CITY OF CALISTOGA

AECOM

By: _____
Dylan Feik, City Manager

By: _____

Date: _____

Date: _____

ATTEST:

By: _____
Kathy Flamson, City Clerk

EXHIBIT A

Scope of Work & Compensation

Exhibit A



AECOM
300 Lakeside Drive
Oakland
CA, 94612
USA
aecom.com

June 13, 2017

Derek Rayner
Deputy Director
City of Calistoga, Dept. of Public Works
414 Washington Street
Calistoga CA 94515
707.942.2828

Dear Mr. Rayner,

Scope and Budget Amendment. Biological Monitoring and Permitting Compliance, Kimball Reservoir Inlet/Outlet Project

AECOM is pleased to submit a proposal to provide the City of Calistoga with biological monitoring and permitting compliance for the Kimball Reservoir Inlet/Outlet Project, per the terms of the California Department of Fish and Wildlife's (CDFW) Lake and Streambed Alteration Agreement (LSAA) for the project. This work is being proposed as an add-on service to the existing contract AECOM holds with the City for work on this project.

Background

This scope was prepared based on conversations between the City of Calistoga, David Hines at CDFW, and AECOM Senior Biologist Galen Peracca, regarding edits to the Project's draft LSAA, issued April 28th, 2017. Of note, this scope and budget do not address effort to comply with Draft LSAA Permit Measure 2.2 "Habitat Enhancement Plan", Measure 2.33 "Control Invasive Species", Measure 2.34 "Revegetation Monitoring", Measure 2.42 "Invasive Species Management Plan", and "Measure 2.46 "Compliance and Effectiveness Monitoring Plan" as these measures were determined in conversation with David Hines to no longer be required by CDFW due to clarification around the scope of work and suspension of long-term water diversion planning until the completion of the current project. If the terms in the final LSAA change dramatically, this scope and budget may need to be revised.

The budget for the proposed work is itemized by task (and subtask) in the cost estimate table at the end of this document. Other Direct Costs (ODCs) including hotel stay, meal per diem, car rental, and fuel costs are summarized by task. Detailed scope, assumptions, and any deliverables associated with scoped tasks are described below.

Tasks

The scoped work includes three discrete tasks which correspond to measures in the Draft LSAA:

Task 1. Preconstruction Wildlife Surveys:

Task 1 Includes compliance under Draft LSAA measures 2.22 "Breeding Bird Surveys before Commencement", 2.23 "Bat Protection", 2.24 "Dusky-Footed Woodrat Preconstruction Survey", and 3.3 "Notification to the California Natural Diversity Database" (as applicable). The objective of this task is to complete all required pre-construction surveys and document site compliance.

Under Subtask 1.1 two AECOM biologists would perform a wildlife survey one week before the start of construction to investigate the site for the presence of breeding birds, suitable bat habitat, and woodrat nests within the project area, or stated buffers (where specified in the Draft LSAA). The survey would take one day at the site and require access to be provided by City personnel.

Under Subtask 1.2 AECOM will write-up the results of the survey (including avoidance and minimization measures for bats in the event that signs of bat occupancy in the project area are identified during the survey) in a concise memo addressed to CDFW from the City. In the event that breeding/nesting birds are identified within the 500-foot radius buffer of the project area during the survey, AECOM will support the City in coordinating with CDFW to develop appropriate avoidance buffers or suspend construction, as necessary.

In the event that construction is suspended, Subtask 1.3 provides contingent resources for AECOM to perform weekly breeding bird surveys through the end of nesting-bird season, August 15th, 2017. This subtask would be used only as necessary, with advanced approval by the City.

Deliverables

- One final survey memorandum (not exceeding 6 pages) with a figure showing the survey area and any documented occurrences of sensitive wildlife detected during the survey.

Assumptions

- The bat protection survey and woodrat nest survey would be performed concurrently with the first preconstruction breeding bird survey.
- Woodrat nest relocation plan development and/or implementation are not included under this scope of work.
- Bat exclusion planning and implementation are not included under this scope of work.
- Survey memorandum will be emailed to the client. AECOM is not scoped to provide a printed copy of the document.

Task 2. Construction Monitoring:

Task 2 includes daily monitoring for permit compliance primarily under Measure 2.21 "Qualified Biologist On-site Daily" but also covers Measures 2.9, 2.18, 2.25, 2.27, 2.28, 2.35, 2.47, and 2.48.

Under Subtask 2.1, a qualified biologist will perform daily construction monitoring and be on-site for the 18-week duration of construction. The monitor will be responsible for checking the site for sensitive wildlife each morning, checking for wildlife at the site throughout the day, educating construction workers about biological resource concerns at the site, and informing the client and CDFW in the event that any federally-listed, state-listed, or sensitive species of concern are found in the work area, per the terms of the LSAA.

Under Subtask 2.2, AECOM biologists will prepare training materials for on-site worker awareness training. A log documenting participation in the on-site worker awareness training would be provided to the City at the end of the first week of construction, at a minimum, and then at the end of each subsequent week during which new workers join the project and are provided the training.

Deliverables

- Worker awareness training hand-outs and logs documenting completion of the training by all on-site construction personnel.
- Weekly email summary of wildlife observations during period of construction monitoring.

Assumptions

- Daily monitoring would include one qualified biologist for 8-hours/day, five days per week (Monday-Friday), for 18 weeks starting July 15th, 2017. The monitoring task is scoped to take up to 90 work days.
- The construction monitor would stay overnight at a hotel near the site for up to 5-nights per week, during the duration of construction work at the site (18 weeks).

- Construction worker awareness training would be conducted by the qualified biological monitor during the first day of construction and then at the start of any subsequent week where new construction personnel join the project and included in the budget under Subtask 2.1.
- Post-construction, long-term monitoring tasks are not included as part of Task 2.

Task 3. Fisheries Monitoring Plan.

Task 3 includes compliance under Draft LSAA measure 2.45. AECOM fisheries biologists will prepare a fisheries monitoring plan (Plan) for dewatering activities around the existing intake work area in Kimball Reservoir. The Plan will include procedures and best management practices for fish handling, relocation, and reintroduction into the wet portion of the reservoir. The plan would be restricted to fisheries management associated with dewatering the work area in the reservoir and include measures that minimize the potential for aquatic species to be entrained during dewatering activities and minimize the potential for mortality during handling and relocation. The draft plan will be provided to the City by AECOM for comment and review by both City and CDFW agency personnel. The final version will incorporate City and CDFW comments and be prepared for submittal by the City to the CDFW within 45 days of finalization of the CDFW LSAA, and in advance of any dewatering activities.

Deliverables

- One draft Fisheries Monitoring Plan
- One final Fisheries Monitoring Plan

Assumptions

- Any on-site biological monitoring to comply with the Fisheries Monitoring Plan would be provided by the biological monitor as part of Task 2.
- Task 3 does not include engineering specifications for dewatering, taking water temperature measurements or performing surface flow monitoring during dewatering, or performance reporting associated with the Fisheries Monitoring Plan.
- All versions of the Fisheries Monitoring Plan will be emailed to the client. AECOM is not scoped to provide printed copies of the draft and final Plan.

Schedule

Work will be initiated upon receipt of Notice to Proceed (NTP) and it is assumed the scoped work shall be completed by the end of Construction, no more than 18 weeks (90 work days) later.

Estimated Cost

The total estimated project cost and cost by Task/subtask are provided in the table below.

**Biological Monitoring and Permit Compliance
Kimball Reservoir Inlet/Outlet Project
City of Calistoga, CA**

Firm:
Role:
Loaded Rate:

Project Controls	AECOM							Total Labor Hours
	Senior Technical Reviewer	Project Manager	Blo Monitor	Blo Monitor	Blo Monitor	Biologist	GIS	
\$67.26	\$169.60	\$126.38	\$45.05	\$87.45	\$78.76	\$104.57	\$82.84	
		4		10		10	4	28
	1	4		6		2	2	15
		4		50		50	4	108
0	1	12	0	66	0	62	10	151
4		18	440	220	132			814
	1	2		10			1	14
4	1	20	440	230	132	0	1	828
	4	6				20	3	33
	1	2				14		17
0	5	8	0	0	0	34	3	50
4	7	40	440	296	132	96	14	1029
\$269	\$1,187	\$5,055	\$19,822	\$25,885	\$10,396	\$10,039	\$1,160	\$73,813

Labor Costs	ODC's	Total Costs

Task 1 -Preconstruction Wildlife Surveys
1.1 Initial Wildlife Survey
1.2 Initial Survey Write-up
1.3 Contingent Breeding Bird Surveys
Subtotal Task 1
Task 2 - Construction Monitoring
2.1 Daily Construction Monitoring
2.2 Worker Awareness Training
Subtotal Task 2
Task 3 - Fisheries Monitoring Plan
4.1 Draft Plan
4.2 -Final Plan
Subtotal Task 3

\$ 2,757	\$ 82	\$ 2,839
\$ 1,575	\$ -	\$ 1,575
\$ 10,438	\$ 328	\$ 10,766
\$ 14,770	\$ 410	\$ 15,180
\$ 52,001	\$ 23,076	\$ 75,077
\$ 1,380	\$ -	\$ 1,380
\$ 53,381	\$ 23,076	\$ 76,457
\$ 3,777	\$ -	\$ 3,777
\$ 1,886	\$ -	\$ 1,886
\$ 5,663	\$ -	\$ 5,663

Total Hours
Total Labor Costs

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\$ 73,813	\$ 23,486	\$ 97,299

ODCs

	unit cost	duration	unit	total cost
Hotel	\$ 150.00	90	days	\$ 13,500
Car rental	\$ 215.00	18	week	\$ 3,870
Car rental	\$ 50.00	5	days	\$ 250
per diem	\$ 55.00	90	days	\$ 4,950
TOTAL				\$22,570

Terms and Conditions

AECOM will perform these services on a time and material basis. We look forward to continuing work with the City in support of the Kimball Reservoir Inlet/Outlet Project. If you have any questions on this proposal, please contact Craig Smith at (510) 874-3117 or craig.j.smith@aecom.com.