

CONSULTANT AGREEMENT

- Parties** This Agreement is made this 16th day of November 2017, between Christian Valley Park Community Service District (CSD) ("CLIENT") and RCH Group, Inc. ("RCH").
- Project** By joining in this Agreement, the CLIENT retains RCH to provide environmental documents (CEQA Initial Study/Mitigated Negative Declaration and NEPA Categorical Exclusion with Environmental Report) as described in the attached proposal for services related to CLIENT's project to build and operate two approximately 750,000 gallon water tanks ("PROJECT").
- Scope** By this Agreement, the Scope of RCH services on the PROJECT is described in and limited to the Scope of Work described in ATTACHMENT A for the services to complete the CEQA and NEPA environmental documents ("PROPOSAL").
- Fee** RCH agrees to provide the services covered by this Agreement for a fee not to exceed \$39,600 and an additional optional \$10,000 for photo simulations (renditions) if necessary. As shown in Table 1 of the PROPOSAL.
- RCH will submit monthly billings in accordance with the billing rate schedule attached to the above referenced proposal ("RCH 2017-18 CONSULTANT FEE SCHEDULE").

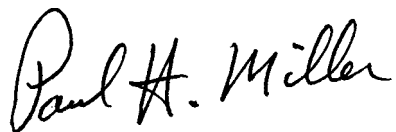
Authorization of Additional Tasks

If the scope of services covered by this Agreement should be revised, an additional agreement or written addendum to this Agreement shall be entered into to cover the revised scope and fee. Should the CLIENT authorize a revision in the scope of services without a revision to this Agreement, RCH shall be compensated for services actually performed on a time & materials (T&M) basis, pursuant to the RCH 2017-18 CONSULTANT FEE SCHEDULE.

RCH Group, Inc.

CLIENT AUTHORIZATION

Christian Valley Park CSD



Name (Please Print)

By:

Paul Miller
Managing Principal

Signature

Title

Date: November 16, 2017

Date

ATTACHMENT A

PROPOSAL

Project Understanding

Project Approach

Scope of Work

Relevant Experience

Schedule

Cost Estimate



Christian Valley Park Community Service District Tank Project Environmental Proposal for CEQA/NEPA Document Preparation



1 PROJECT UNDERSTANDING

The Christian Valley Park Community Service District (Christian Valley Park CSD, the applicant) proposes to construct two 0.75 million gallons (MGal) steel tanks to replace the existing storage volume on a 1.75-acre parcel located in Placer County in the Christian Valley Park CSD (northwest of Nielsburg, north of Westridge Circle, APN 077-251-006-000). The project includes the construction of one tank just north of the existing reservoir, draining of the existing reservoir, and construction of a second tank within the footprint of the existing reservoir. This is the “project”, as defined by the California Environmental Quality Act (CEQA). The Christian Valley Park CSD is the CEQA Lead Agency and the United States Department of Agriculture (USDA) will be the NEPA Lead Agency.

The project site is bordered by single-family residences. Westridge Circle would serve the project, with use of an existing north-south access road within the parcel. Facilities will be constructed to comply with Title 22 regulations and AWWA standards for water treatment, storage and distribution facilities.

2 PROJECT APPROACH

2.1 GENERAL APPROACH

RCH’s Managing Principal of Environmental Services, Paul Miller, will manage the project. Paul is an environmental professional with more than 33 years of experience in providing services and products to government agencies and private sector corporations. With a broad range of environmental skills, he has applied his background since 1986 to CEQA and NEPA and has been integral in the preparation of over 500 CEQA/NEPA environmental documents, including project manager for more than 18 major EIRs.

RCH has significant project experience in the Placer County area and has good working relationships with responsible agencies and other jurisdictions applicable to the project such as the Placer County Air Pollution Control District (PCAPCD).

RCH will use its experience with CEQA and projects in the Placer County area in preparing a CEQA document for the project. An Initial Study will first be prepared for the project to provide the CSD with the information to use as the basis for deciding whether to prepare an Environmental Impact Report (EIR) or Mitigated Negative Declaration. The initial study will enable the CSD to mitigate adverse impacts as a result of the project, enabling the project to qualify for a Mitigated Negative Declaration. The Initial Study will use the Appendix G Checklist of the CEQA Guidelines and will contain responses for each checklist item (16 general categories of environmental impacts) and provide explanations for items with

[1]

potential environmental impacts that need to have mitigation measures implemented. Based upon the project and RCH's experience with similar projects, a Mitigated Negative Declaration should be sufficient for CEQA compliance.

A separate report will be completed to satisfy NEPA requirements with the USDA. Discussions with the NEPA Project Manager, Michael Velez, indicate that the federal environmental document will be a Category Exclusion (CE) with an accompanying Environmental Report (ER). The ER will be prepared for the Christian Valley Park CSD in accordance with USDA Instruction 1970-B Exhibit C. The purpose of this ER is to provide supporting documentation for the Christian Valley Park CSD's application to the USDA for loan funding under the USDA Rural Utilities Water and Waste Disposal Loan and Grant Program.

2.2 SCOPE OF WORK

RCH proposes the following items for the Scope of Work.

Task 1: Kick-off Meeting

At the "kick-off" meeting with RCH, the CSD, and project engineer, all parties will discuss the project components and review/confirm the approach to the evaluations that will be addressed in the CEQA document.

Task 2: Prepare Administrative Draft CEQA Initial Study

RCH will prepare an Initial Study Checklist (CEQA Appendix G) to determine potential impacts. If no significant impacts are identified, or if mitigation measures can be identified for all potentially significant impacts and CSD agrees to implement them, then the CSD can circulate a proposed Negative Declaration or a Mitigated Negative Declaration. It is expected that the project would have minimal effects for many of the resource categories considered in the Initial Study Checklist. We have preliminarily identified the following issues for analysis in the Initial Study.

Areas that will need a thorough discussion include:

- Aesthetics
- Air Quality/ Greenhouse Gas Emissions
- Biological Resources
- Cultural Resources
- Geology/Soils
- Hydrology/Water Quality
- Noise

Aesthetics

RCH will review the project site and surrounding area during a site visit. RCH will also review the project to ensure it is consistent with the Visual and Scenic Resources policies of the Placer County General Plan. RCH will provide the best available isometrics in the Initial Study (from the CAD engineering drawings). RCH will also take photos from potentially sensitive locations to include in the Initial Study. As an optional task, RCH will bring in subconsultant Environmental Vision to create photo simulations of views of the proposed tanks from 2-3 key viewing locations.

Air Quality and Greenhouse Gas (GHG) Emissions

RCH will analyze potential air quality and GHG emissions impacts. The project site is in Placer County and in the Sacramento Nonattainment Area for the federal 8-hour ozone standard. Air quality and GHG emissions from construction and operation (minimal emissions) of the project will be quantified using the California Emissions Estimator Model (CalEEMod) Version 2016.3.1, a statewide land emissions model which provides an accurate and comprehensive tool for quantifying air quality and GHG emissions impacts from land use projects in California. The air quality and GHG emissions analysis will follow the guidelines in the PCAPCD's CEQA Air Quality Handbook and emissions from the project will be compared to PCAPCD thresholds of significance. Based upon the size of the project site and the low intensity of operations, air quality and GHG emissions are expected to be below all PCAPCD significance thresholds.

Biological Resources

RCH will summarize the information in the Biological Assessment for the project site, which will be prepared by Salix Consulting (subconsultant to RCH Group). The biological analysis in the initial study will follow the recommendations and conclusions of Salix Consulting related to biological resources impacts including any impacts to wetlands and mitigation measures for potentially significant impacts. Biological effects of tree removal and any recommended mitigation measures will be included in this analysis.

The Salix Consulting scope of work is attached to this proposal.

Cultural Resources

A Cultural Resources Study will be prepared for the project site by the Natural Investigations Company (NIC). The study will comply with the federal provisions NHPA Section 106 (36 CFR 800). The CSD will need to separately follow AB 52 guidelines and offer AB 52 consultation to any tribes that request consultation in writing. If necessary, RCH will provide a letter template to send any tribes that have requested AB 52 notification from the CSD. If no tribes have requested notification from CSD then no AB 52 letters need to be sent.

Additionally, Natural Investigations will contact the Native American Heritage Commission (NAHC) for a review of their Sacred Lands File. The NAHC will determine if any NAHC-listed Native American sacred lands are located within or adjacent to the project area. As part of the Section 106 process, Natural Investigations will submit a project information letter and location map to each individual/Tribe/organization on the NAHC list.

The NIC scope of work is attached to this proposal.

Geology/Soils

RCH will review the Geotechnical Report for the project site). The analysis will follow the recommendations and conclusions of the Geotechnical Report for potential impacts to geologic resources and any recommended mitigation measures.

Hydrology

RCH will review the drainage plans for the project, which have been described by Hydros Engineering as measures that would be necessary to follow existing drainage patterns for the area, including a sump system to empty water into the modified drained and abandoned reservoir, in a manner that does not change existing drainage patterns.

The hydrology section of the Initial Study will contain a discussion of water quality requirements including obtaining a General Permit for Discharges of Stormwater Associated with Construction Activity Construction General Permit, which requires a Stormwater Pollution Prevention Plan (SWPPP).

Noise

RCH will conduct several short-term (typically 10-minute) noise measurements at the project site to characterize existing noise levels. The focus of the noise analysis will be potential impacts of construction and operations on sensitive receptors adjacent to the project site. The project will have to comply with the Article 9.36 – Noise in the Placer County Municipal Code.

Task 3: Prepare Public Draft Negative Declaration or MND

RCH will respond to CSD comments on the Administrative Draft Initial Study and prepare a revised version of the document for public distribution.

Task 4: Prepare NEPA Report

A separate report will be completed to satisfy NEPA requirements with the USDA. Discussions with the NEPA Project Manager, Michael Velez, indicate that the federal environmental document will be a Category Exclusion (CE) with an accompanying Environmental Report (ER). The ER will be prepared for the Christian Valley Park CSD in accordance with USDA Instruction 1970-B Exhibit C. The purpose of this ER is to provide supporting documentation for the Christian Valley Park CSD's application to the USDA for loan funding under the USDA Rural Utilities Water and Waste Disposal Loan and Grant Program. The Environmental Report will draw from the CEQA information to the extent possible and will include the following:

Project Description and Location

Land Ownership and Use

Identify all necessary permits

Historic Preservation: information from the Cultural Resources Report will be provided.

Threatened and Endangered Species/Biological Resources: Information from the Salix Biological Report will be included.

Wetlands: No wetlands are anticipated on the site.

Floodplains: The project site is in Zone X, indicating that flooding hazards are minimal.

Coastal Areas: The project site is not in a coastal area.

Important Farmland: The project site is not used for farming.

Environmental Risk Management: Demolition and removal of the existing reservoir is not anticipated to release hazardous materials, however this will be discussed in more detail in the ER. A review of the State Water Resources GeoTracker Database found no hazardous materials cleanup sites listed within a mile of the project site.

Air Quality Criteria Pollutants: Placer County is severe nonattainment for 8-Hour Ozone. The Air Quality Report prepared for the CEQA document will provide information (air quality estimates) for the tank project, which will have construction emissions but minimal air quality emissions after construction is completed.

Task 5: Circulate CEQA and NEPA Documents

In coordination with the CSD, RCH will assist in preparation of a Notice of Intent (NOI) to adopt a Negative Declaration or Mitigated Negative Declaration according to CEQA Guidelines 15070. RCH will also assist the CSD with other required CEQA noticing tasks. This proposal assumes that the USDA will process the NEPA document, with no assistance from RCH. It is our understanding that for Categorical Exclusions there are no comment period or publications required.

Task 6: Response to Public Comments

RCH will respond to public comments received during Draft IS/MND public review period. At this time there is no way to estimate the level of public comments, but for budgeting purposes we have estimated 16 hours of staff time.

Task 7: Meetings

RCH's Project Manager (Paul Miller) will be in attendance at the kickoff meeting. RCH also assumes the following meeting as part of this SOW:

RCH will attend the Public Hearing for the project. At the Public Hearing, RCH will be able to answer questions and provide CEQA support to the CSD Staff.

Additional meetings (with the public, CSD or CSD engineers) approved by CSD will be invoiced on a time and materials basis.

Task 8: Project Management

This task includes all project management tasks necessary for completion of the project, including, scheduling, budgeting, invoicing, and general coordination.

3 RELEVANT EXPERIENCE

3.1 PROJECT MANAGER

Paul Miller, RCH's Managing Principal, will act as project manager. Paul is an environmental professional with more than 33 years of experience in providing services and products to government agencies and private sector corporations. His technical areas of expertise include CEQA/NEPA project management and technical analyses in the areas of energy, integrated waste management, air quality, noise and hazardous materials. With a broad range of environmental skills, he has applied his background since 1986 to CEQA and NEPA and has been integral in the preparation of over 250 CEQA and NEPA environmental documents, including project manager for more than 18 major EIRs. He has been the project manager or a key team leader for five state agencies (California Public Utilities Commission (CPUC), California Energy Commission (CEC), CalRecycle, the former California Integrated Waste Management Board, and the State Water Resources Board, Central Valley Region) on projects of statewide importance.

3.2 PROJECT ASSOCIATES

RCH's Mike Ratte, Dan Jones and Erin Reddy will assist in the preparation of the Initial Study. Brief bios are presented below.

Mike Ratte is a Senior Air Quality Scientist at RCH Group. Mike will manage the air quality and greenhouse gas emissions portions of the CEQA document. Mike has been a practicing meteorologist and air quality specialist within the consulting business for 25 years. Mike's technical expertise includes NEPA/CEQA environmental planning, air emissions inventories, ambient air monitoring, atmospheric dispersion modeling, air quality permitting, health risk assessments, and climate change analyses. He has worked extensively for local, state, and federal agencies, as well as a wide array of commercial businesses and industries. His recent projects involved transportation facilities (airports, roadways, and marine ports), land development (residential/commercial/institutional), landfills/composting, and mining/quarry operations. He is well versed in a wide array of air emission models including, EMFAC, OFFROAD, NONROAD, MOVES, CalEEMod, and AP-42; dispersion models such as AERMOD, EDMS, HARP, and CAL3QHC; with strong data management and ACCESS programming skills.

Dan Jones is an Environmental Services Associate at RCH Group. Dan will prepare many of the resource sections of the CEQA document and will assist in supporting project-related tasks. Dan has been integral in RCH's preparation of CEQA documents and technical studies in Placer County and throughout California. Dan's technical experience includes CEQA compliance, air quality, greenhouse gas emissions, health risk assessments, noise, and integrated waste management. Dan's technical noise experience includes short-term and long-term noise monitoring and traffic noise modeling. Dan is proficient in a variety of air emissions models including CalEEMod, California Air Resources Board's EMFAC and OFFROAD, and Sacramento Metropolitan Air Quality Management District's Road Construction Emissions Model. Dan also has technical experience working with dispersion modeling data and health risk assessments. Dan has prepared many project evaluations using the CEQA Guidelines of the Placer County Air Pollution Control District.

Erin Reddy is a technical associate at RCH with knowledge of ecology, natural resources management, urban forestry, sustainability, and noise. She has over four years of experience in environmental data

management and website development for the state of California. Her work involves preparation of CEQA/NEPA environmental documents, technical noise analyses, and wetland alternative analyses. She has hands-on experience with short-term and long-term noise monitoring.

3.3 SUBCONSULTANTS



Salix Consulting, Inc.

Salix provides the following services: Wetlands, Biology, Permitting, UAS, and GIS.

Salix biologists evaluate properties to assess and inventory existing conditions, conduct botanical and wildlife surveys, determine sensitivity of habitats and species present, and interface with clients, regulators, and interested parties in an interpretive and problem-solving role. Salix staff are proficient with many of the sensitive species databases (CNDDDB, USFWS, CNPS) and potential special-status species screening. Services include:

- Site evaluations for existing conditions and special-status species potential
- Plant and animal surveys
- Vegetation and habitat mapping
- Conceptual mitigation plans
- Mitigation monitoring



Natural Investigations Company

Natural Investigations Company provides a full spectrum of environmental consulting services, with a special focus upon environmental assessment and cultural and biological resource management. Natural Investigations Company is unique in its ability to find creative solutions to the environmental needs and challenges facing its clients, and they are distinguished by their ability to produce high quality deliverables quickly and at lower cost than their larger competitors.

Natural Investigations' cultural resources specialists provide a wide range of services to help clients achieve compliance with federal, state, and local regulations. They specialize in compliance with the California Environmental Quality Act (CEQA), the National Historic Preservation Act of 1966, the Archaeological Resources Protection Act of 1979, the Native American Graves Protection and Repatriation Act of 1990, as well as the cultural resources requirements of National Environmental Policy Act (NEPA), and various state and local regulations and statutes. During the life of a project, they routinely consult with the appropriate federal, state or local regulatory agencies, local Native American

tribes, preservation groups and historical societies, to name a few, to ensure all compliance, agency guidelines, and local interest issues are met.



Environmental Vision

Environmental Vision provides specialized planning and design consulting services to address the aesthetics and public perception of environmentally sensitive projects. They approach each project assignment with an underlying philosophy that recognizes the uniqueness of places, environmental settings, communities and client needs. Working as a collaborative team, their staff provides full-service visual analysis expertise including:

- visual resources assessment
- visual impact and shadow studies
- landscape and aesthetic mitigation design
- computer modeling and visual simulation
- peer review

Environmental Vision provides responsive, cost-effective professional services to public and private sector clients including cities and counties, colleges and universities, energy and utility companies, water districts, transportation agencies, hospitals, development companies, environmental and architecture / engineering firms.

4 SCHEDULE

The following table shows RCH's proposed schedule for the CEQA review. The schedule is based on a start date of November 15th. The schedule dates would shift directly in relation to any later start date. Task 2 would normally be estimated at 45 days but is expanded using this start date because it would include the December holidays, which typically slow the schedule for 7-14 days.

Task	Duration (Calendar Days)	Start Date	Completion Date
Notice to Proceed	1	11/15/2017	11/16/2017
Task 1. Kick off Meeting	1	11/22/2017	11/23/2017
Task 2. Prepare Administrative Draft Initial Study	56	11/24/2017	1/19/2018
CSD Administrative Draft Initial Study Review	7	1/20/2018	1/27/2018
Task 3. Prepare Public Draft MND	10	1/28/2018	2/7/2018
Task 4. Prepare NEPA Report	10	2/8/2018	2/18/2018
Task 5. Circulate CEQA Document	30	2/8/2018	3/10/2018
Task 6. Final CEQA Public Hearing/ Adoption	14	3/11/2018	3/25/2018

Note: This schedule is contingent upon receiving technical studies (Cultural Resources and Biological Resources) for the project within 30 days of notice to proceed.

5 COST ESTIMATE

The RCH Cost Estimate is provided in Table 1.

The cost estimate assumes the following:

- One round of review of the Initial Study by the CSD and Project D Engineer. If there are multiple reviewers their comments should be consolidated for return to RCH.
- The following technical studies will be prepared by RCH and RCH subcontractors:
 - Biological Resources Assessment
 - Cultural Resources Assessment
 - Photo Simulation (Optional Task)
- The following technical study will be prepared and delivered to RCH:
 - Geotechnical Report

Tasks excluded include but are not limited to the following:

- Additional rounds of review by the CSD
- New or additional technical reports (Arborist Report, Traffic Study, Phase 1 Hazmat Report)
- Preparation of an EIR
- Changes to the Project Description that affect RCH work
- Response to Public Comments received during CEQA Public Review (beyond the 16 hours included in the cost estimate – at this time there is no way to estimate the level of public comments)
- Additional meetings not in the proposed Scope of Work (T&M costs if additional meetings are authorized)

Table 1. Cost Estimate Christian Valley Park CSD Tank Project CEQA/NEPA Environmental Review		RCH Group											
		Labor Effort						Direct Costs					RCH TOTAL COSTS
		RCH Staff:						Subconsultants		Other Direct Costs			
								Salix Consulting, Inc.	Natural Investigations Co.	Travel & communications	Printing & materials	Total Direct Costs plus	
Employee category bill rate: (\$/hr)	Paul Miller	Mike Ratte	Dan Jones	Erin Reddy	Graphics and Admin	RCH HOURS	RCH LABOR COSTS					10%	
TASKS:	(Hours per person per task)												
1. Project Kick-Off Meeting	4		4			8	\$1,020			\$40		\$44	\$1,064
2. Administrative IS Preparation	8	4	45	45	4	106	\$10,280	\$3,700	\$5,050	\$120	\$100	\$9,867	\$20,147
3. Draft IS Preparation	8	2	10	10	4	34	\$3,710				\$100	\$110	\$3,820
4. NEPA Report Preparation	8		20	18	2	48	\$4,890					\$0	\$4,890
5. Circulate CEQA Document	2			6		8	\$830				\$286	\$315	\$1,145
6. Response to Public Comments on CEQA Document	4		6	6		16	\$1,720				\$100	\$110	\$1,830
7. Meetings (CEQA Public Hearing) 1 meeting	4		4			8	\$1,020			\$40		\$44	\$1,064
8. Project Management	8		8			16	\$2,040					\$0	\$2,040
TOTAL EFFORT (Hours)	46	6	97	85	10	244							
TOTAL COSTS (\$)	\$7,360	\$810	\$9,215	\$7,225	\$900		\$25,510	\$3,700	\$5,050	\$200	\$586	\$10,490	\$36,000
												With 10% contingency =	\$39,600

OPTIONAL TASKS

9. Water Tank Photo Simulations (from 2-3 key viewing locations) - Subcontractor Environmental Vision	\$10,000
10. Additional Meetings	Time and Materials with Authorization in Advance



RCH Group
Cost Estimate



November 8, 2017

Paul Miller
RCH Group, Inc.
11060 White Rock Rd., Ste. 150-A
Rancho Cordova, CA 95670

**Subject: Proposal for Biological Consulting Services
Christian Valley Park CSD (±2 acre)
Auburn, Placer County, California**

Dear Paul:

Thank you for your request to provide a scope-of-work and cost estimate for biological services on the ±2-acre property, located at Christian Valley Park CSD in Auburn. We understand that you need a Biological Resources Assessment that will be adequate for CEQA review purposes.

This scope of work/estimate includes reimbursable expenses, including use of specialized equipment (Trimble GPS, UAV), mileage, and printing. This effort includes generating an aerial orthomosaic photo along with oblique photos of the project area for use in our report and for your use, if requested.

Upon approval of a contract, we can schedule our field work.

We will conduct a standard Biological Resources Assessment analysis that identifies vegetative communities, the presence/absence of potential waters of the U.S., and makes as many definitive calls on the presence or absence of sensitive species as we can at this time of year. We will address each of these issues in the document. For this task, we will;

- Review pertinent background information including the California Natural Diversity Data Base (CNDDDB), the California Native Plant Society (CNPS) Inventory of Rare and Endangered Plants, the U.S. Fish and Wildlife Service (USFWS) Endangered Species database, and the California Department of Fish and Wildlife (Game) endangered species lists for information regarding the occurrences of special-status species in the project region;
- Conduct a field evaluation of the site to assess vegetation and wildlife habitat types, record plant and animal species observed, and determine what, if any, special-status species may occur on the property. In addition to the walking assessment, we will

utilize our Unmanned Aerial System to produce an orthomosaic aerial photo, which will assist us in providing current details of the property.

- Include an assessment of the presence/absence of potential waters of the U.S. on the site; and
- Prepare *Biological Resources Assessment*, which will include all pertinent exhibits, conclusive information to the extent possible, and recommendations for any further actions as needed.

Total Costs	\$3,700
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This cost estimate does not include additional items such as conducting a formal wetland delineation to Corps standards, arborist studies, or focused special-status species surveys.

We will provide hard copies of the report as needed along with a PDF for your use.

If this proposal is acceptable to you we can forward you our standard consulting services agreement for your review and signature.

If you would like to discuss further, please call me at (530) 888-0130.

Sincerely,



Jeff Glazner
Principal

Attachment: 2017 Salix Fee Schedule



Natural Investigations Company

November 8, 2017

Mr. Paul Miller
RCH Group
11060 White Rock Road, Suite 150-A
Rancho Cordova, CA 95670

Subject: Cultural Resources Services for the CVPCSD Project in Placer County, CA

Natural Investigations Company, Inc. (Natural Investigations) has prepared the following scope of work and associated cost in response to the specific tasks and responsibilities for an archaeological investigation under the provisions NHPA Section 106 (36 CFR 800) for approximately 2.9-acre project area located in Placer County, CA.

Task 1: Cultural Resources Inventory

Natural Investigations will conduct a California Historical Resources Information System (CHRIS) records search with a 0.25-mile radius of the proposed project area at the North Central Information Center (NCIC) located in Sacramento, CA. The NCIC houses cultural resources records and the primary purpose of the CHRIS records search is to identify any previously recorded cultural resources known to exist within or adjacent to the project areas. In addition to the archaeological inventory records and reports, an examination will be made of historic maps, the NRHP, the California Inventory of Historical Resources, and the listing of California Historical Landmarks. The records search will also reveal the nature and extent of any cultural resources work previously conducted within the project area.

Natural Investigations will assess the potential for paleontological resources within the project area. This assessment would include a review of geologic maps and a record search of the online database maintained by the University of California Museum of Paleontology at Berkeley (UCMP).

Additionally, Natural Investigations will contact the Native American Heritage Commission (NAHC) for a review of their Sacred Lands File. The NAHC will determine if any NAHC-listed Native American sacred lands are located within or adjacent to the project area. As part of the Section 106 process, Natural Investigations will submit a project information letter and location map to each individual/Tribe/organization on the NAHC list.

TASK 2: PEDESTRIAN SURVEY

Upon completion of the CHRIS, NAHC, and UCMP records searches, Natural Investigations will conduct an intensive pedestrian survey of the project area. Archaeologists will conduct the survey utilizing pedestrian transects spaced at maximum intervals of 15 meters, covering all portions of the project area. Areas which are inaccessible due to dense vegetation, unstable geologic conditions, or other obstructions will be surveyed at a reconnaissance-level, typically at 20-40 meter transects.

Note: For the purposes of this scope and cost estimate, Natural Investigations assumes that the cultural resources survey will be negative for prehistoric and historic resources (i.e., no previously unrecorded cultural resources will be encountered and no previously recorded cultural resources will require updates). No testing or excavation will be conducted, nor will any artifacts, samples or specimens be collected during the survey.

TASK 3: CULTURAL RESOURCES TECHNICAL REPORT

Upon completion of the literature review (CHRIS/NAHC/UCMP) and pedestrian survey, Natural Investigations will prepare a cultural resources confidential technical report for the project area. The technical report will document the results of the literature review, Native American outreach, and field survey as well as provide management recommendations for resources within or near the project area. The reports will meet the Secretary of Interior’s Standards and Guidelines and will follow Archaeological Resource Management Reports: Recommended Contents and Format guidelines. The report will include maps depicting the area surveyed for cultural resources. If the locations of sensitive archaeological sites or Native American cultural resources will be depicted or described in the report, it will be considered confidential; the report may not be distributed to the public. In order to protect these sensitive resources, the confidential technical report shall be made available only to qualified cultural resources personnel, the landowner, and project management personnel on a “need-to-know” basis.

Note: For the purposes of this scope and cost estimate, Natural Investigations assumes that RCH Group will provide a project description.

Based on thoughtful consideration, Natural Investigations estimates our fee for the scope of services described herein as presented below:

Cost estimate

Task	Cost
Task 1: CHRIS*/NAHC/UCMP Searches	\$1,605
Task 2: Field Survey	\$785
Task 3: Technical Report	\$2,660
Total	\$5,050

*Assumes CHRIS fees not to exceed \$450

We appreciate the opportunity to submit this proposal and look forward to providing our services on this project. Please call if you have questions concerning this proposal. Our staff can start work immediately with a notice to proceed.

Respectfully submitted,



Cindy J. Arrington, M.S., RPA

RCH Group Environmental Services 2017-18 Consultant Fee Schedule

Professional fees for services provided and work performed will be billed and calculated in US currency at the rates and categories described. Fees are generally adjusted at the beginning of each calendar year.

<u>Professional Staff</u>	<u>Rate per Hour</u>
Principal / Senior Scientist	\$160.00
Senior Air Quality Scientist	\$135.00
Graphics and CADD	\$90.00
Senior Administrative Staff	\$90.00
Associate II	\$95.00
Technical Associate	\$85.00

RCH Staff by Category

Principal / Senior Scientist: Paul Miller

Senior Air Quality Scientist: Michael Ratte

Associate II: Dan Jones

Technical Associate: Erin Reddy

Senior Administrative Staff: Sarah Fontenot

A ten percent (10%) administration fee will be added to all direct and reimbursable expenses, including subcontractors. Direct and reimbursable costs will be incurred at the discretion of consultant, as is customary and usual, subject to any limitations imposed by client in writing.

INVOICES AND PAYMENT TERMS

Invoices will be issued monthly. Payment is due upon receipt. Interest of one and one-half percent per month (18% per annum) will be applied to the outstanding balance for accounts not paid within thirty (30) calendar days from the date of the invoice.