

**AGENDA
SAN SIMEON COMMUNITY SERVICES DISTRICT**



**NOTICE OF SPECIAL MEETING
SAN SIMEON BOARD OF DIRECTORS**

**Friday, November 21, 2014
3:00 PM**

**Cavalier Banquet Room
250 San Simeon Avenue
San Simeon, CA**

1. CALL TO ORDER

2. ROLL CALL

3. PUBLIC COMMENT

Members of the public wishing to address the Board of Directors on any item described in this Notice of Special Meeting may do so when recognized by the Chairperson of the Board.

4. BUSINESS

A. Update of Emergency Wellhead Treatment Unit.

B. Consideration of Approval of Phoenix Engineering's Proposal for Design of Recycled Water/Purple Pipe for East and West Side of District and Modifications to Title 22 Engineering Report. – \$134,404.

C. Consideration of Approval of Oliveira Environmental Services' Proposal for Permitting Support and Environmental Review Services Related to the Recycled Water/Purple Pipe Project - \$19,490.

D. Consideration of Approval of Bank Terms for Up to a \$1,824,367 Credit Line For Use on the Recycled Water/Purple Pipe Project.

5. AJOURNMENT

All staff reports or other written documentation, including any supplemental material distributed to a majority of the Board within 72 hours of a regular meeting, relating to each item of business on the agenda are available for public inspection during regular business hours in the District office, 111 Pico Avenue, San Simeon. If requested, this agenda shall be made available in appropriate alternative formats to persons with a disability, as required by the Americans with Disabilities Act. To make a request for a disability-related modification or accommodation, contact the District Administrator at 805-927-4778 as soon as possible and at least 48 hours prior to the meeting date. This agenda was prepared and posted pursuant to Government Code Section 54954.2.

Scope of Services

Background/Project Understanding

The project involves the design of the expansion (buildout) treatment system used to produce Title 22 compliant tertiary water that will utilize secondary effluent in the existing wastewater treatment plant chlorine contact chamber and process it through an Amiad microfiber filtration process to produce the recycled effluent. Disinfection will be provided by an ozone disinfection unit which is Title 22 certified. The initial system was designed to only utilize a portion of the wastewater for treatment. This system will utilize the majority of the wastewater and treat, store and distribute that water to the community for irrigation purposes. The recycled water will be stored in a 100,000 gallon storage tank located on the nearby hillside which will then gravity feed the irrigation systems in the community. In times when the tank is full, the recycled water flow stream will be returned to the chlorine contact chamber to the effluent stream leaving the existing wastewater treatment plant. The District recently received a loan/grant from the County of San Luis Obispo to design and construct the recycled water treatment and distribution system for the entire District. Previously, the District had retained Phoenix Civil Engineering, Inc., to design only the portion of the recycled water system pipelines located on the west side of SR-1. This proposal includes design services associated with the pump station, storage tank, and distribution piping system for the community users on the east side of SR-1 as well as coordination support between the different disciplines on the project. Based on my discussions with the District staff, I have included the following in my proposal:

Phase 1 – Design Services

Task 101: Topographic Survey

As part of a different project, the District had an aerial survey performed for the entire District. That mapping was only developed for the areas in question as part of that project. This task will complete the aerial topographic mapping for the remaining streets (east side of SR-1 as well as SR-1 and hillside near existing reservoir). Once the mapping is complete, field topographic surveying will be performed in the areas of the pipeline, tank and pump station, and potential recycled water use areas.

The following efforts are included in this task:

- Completion of the previously obtained aerial imagery to show the remaining areas of improvement (tank site, pump station site, east side pipeline alignments, potential use areas and SR-1 irrigation areas). This will be merged with the other areas previously obtained.
- Perform site topographic survey of the pipeline alignments, tank site, pump station site and potential use areas.

Deliverable: No deliverable is associated with this task. Information collected will be used in Task 103.

Task 102: Design Team Coordination

This task will take the existing wastewater quality information provided by the District as well as existing system treatment criteria and potential use area demands and distribute it to the proposed equipment suppliers for their design calculations. The treatment product is envisioned to be similar to the APTwater HiPOx ozone treatment system and Amiad filtration unit.

The following efforts are included in this task:

- Coordination with the proposed equipment supplier once the treatment system is refined.

Deliverable: No deliverable is associated with this task. Information on the proposed treatment system and system demands will be collected and provided to the District staff as an informational item and for input.

Task 103: Conceptual Design Deliverable

While Tasks 101 and 102 are being completed, a conceptual design deliverable will be prepared and reviewed with the District. The conceptual deliverable will cover the proposed tank location and grading limits, proposed pump station site at the WWTP, and potential pipeline alignments/streets impacted as well as potential recycled water system users.

The following efforts are included in this task:

- Preparation of a conceptual site plan showing the improvements for District input.

Deliverable: Two paper copies and one electronic copy of the conceptual design plan will be provided to the District for their review. Once the comments are received they will be incorporated into the plans and specifications for the project (Task 104).

Task 104: 75% Plans and Specifications Preparation

Due to the aggressive project schedule, 75% plans and specifications will be prepared for the project while information is being gathered as part of Tasks 101 through 103. Once the information is provided/reviewed as part of those tasks, the 75% deliverable will be provided to the District for review. The deliverable will include the District front end documents, bid tab, technical specifications, plans and an Engineer's Opinion of Probable Construction Cost (OPCC) for the work. The plans will consist of the following sheets:

- Title Sheet
- Notes and Abbreviations
- Plan and Profile Sheets (9 total)
- Pipeline Detail Sheets (6 total)
- Tank Grading Plan, Sections and Details (4 sheets)
- Pump Station Site Plan
- Pump Station Mechanical Details (2 sheets)
- Pump Station Electrical Requirements (2 sheets)

The tank site will require a geotechnical analysis of the site and recommendations for the preparation of the subgrade at that location. Earth Systems, as a subconsultant to Phoenix Civil Engineering, Inc., will perform the site reconnaissance, laboratory testing and a recommendation report will be provided for review by the design team. The following efforts are included in this task:

- Project plans, specifications and Opinion of Probable Construction Cost (OPCC) preparation.

Deliverable: Two paper copies and one electronic copy of the 75% plans, specifications and OPCC will be provided to the District for their review.

Task 105: Final Plans and Specifications Preparation

This task will include receipt of the District comments on the 75% submittal and development of the final set of plans, specifications and OPCC. Once the final deliverable package has been prepared it will be delivered to the District for bid advertisement.

The following efforts are included in this task:

- Final project plans, specifications and Opinion of Probable Construction Cost (OPCC) delivery.

Deliverable: One paper copies and one electronic copy of the final plans, specifications and OPCC will be provided to the District for their use in advertising.

Task 106: Title 22 Engineering Report Modification

The original Title 22 Engineering Report was being modified by the already contracted recycled water pipeline project. This task will build off of that effort. Site visits to the prospective commercial recycled water distribution points will be performed as part of this task. The site visits are necessary to determine the required improvements to the existing system so that recycled water can be legally provided at that location. The report will be modified and updated for distribution to the Regional Water Quality Control Board for their review comments.

The following efforts are included in this task:

- Updating the existing Title 22 recycled water report to reflect the proposed additional properties that will be included in the project.
- Responding to comments from the District staff as well as the Regional Water Quality Control Board staff.

Deliverable: Two paper copies and one electronic copy of the draft Title 22 Engineering Report will be provided to the District for their review. Once the comments are received and incorporated into the document, one paper copy and one electronic copy of the draft report will be issued to the District for distribution to the regulatory agency review.

Phase 2 – Bid Phase Services

Once the design is complete, the District will have to advertise, receive bids and award a construction contract to a general construction contractor for the work.

The following efforts are included this phase:

- **Task 201** Provide bid phase support to District staff including a prebid meeting. The meeting will be held at the District offices and the proposed construction site. The prebid meeting will be conducted by Phoenix Civil Engineering staff. A summary of discussion topics and questions to be compiled in an addendum will be provided. It is anticipated that District staff will maintain a list of contract document plan holders for record purposes.
- **Task 202** Respond to contractor's requests for information (RFIs). It is anticipated that up to 4 requests for information will be prepared during the bid phase. The responses will originate from Phoenix Civil Engineering, but will be mailed out from the District. Coordination will be handled by Phoenix Civil Engineering.
- **Task 203** Prepare up to two project addenda incorporating the prebid meeting questions as well as the RFI responses warranting formal clarification. Coordination with the equipment manufacturer on responses will be conducted. The District will mail out the addenda.

- **Task 204** Review the submitted construction bid packages for conformance with the project contract documents. Contact project references that are provided by the low bid contractor and the next low bidder. Compile a recommendation of award for District Board approval. Attendance at a Board meeting with District staff to review the project bids and recommendations is included in this task.

Deliverable: Responses to requests for information (RFIs) will be distributed to the plan holders on the District maintained list as well as a copy to the District for its records. District staff will mail out the responses to the RFIs. Preparation of up to two addenda will be performed and the documents will be delivered to the District for delivery to the plan holders. The correspondence will be prepared and transmitted directly to District staff. No correspondence directly with the prospective bidders will be performed unless approved by the District. Copies of all correspondence will be delivered to the District at the completion of the bid phase.

Fee Estimate Summary

Work associated with Tasks 101 through 204 is estimated to cost \$138,404 (Tasks 100 - \$129,594, Tasks 200 - \$8,810. A breakdown of the level of effort is listed below:

Phase 1 – Design Services

• Task 101: Topographic Surveying	\$27,616
• Task 102: Design Team Coordination	\$5,200
• Task 103: Conceptual Design Deliverable	\$2,128
• Task 104: 75% Plans and Specifications Preparation	\$59,540
• Task 105: Final Plans and Specifications Deliverable	\$19,020
• Task 106: Title 22 Engineering Report Modifications	\$16,090

Phase 2 – Bid Phase Services

• Task 201: Prebid Meeting	\$1,400
• Task 202: Response to Requests for Information	\$2,080
• Task 203: Preparation of Addenda	\$2,720
• Task 204: Recommendation of Award	\$2,610

Assumptions

In preparing the proposal, the following was assumed:

- The project construction timeframe is 80 working days or 16 weeks.
- Geotechnical services are included in the proposal for the tank site testing.
- The District will pay all of the permit fees.
- No right of way acquisition will be required for the project.
- Construction phase services are to be included in a future project.
- Environmental services will be under a contract with the District.



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November 19, 2014

Charles Grace, General Manager
San Simeon Community Services District
111 Pico Avenue
San Simeon, CA 93452

Subject: Revised Scope of Work for Providing Permitting Support and Environmental Review Services for the Reclaimed Water "Purple Pipeline" Project

Dear Charlie:

Thank you for the opportunity to assist the San Simeon Community Services District (SSCSD) with permitting support and environmental analysis and review services related to the proposed reclaimed water "Purple Pipeline" project located in the community of San Simeon, on the North Coast of San Luis Obispo County. In response to your request, Oliveira Environmental Consulting LLC is pleased to submit this scope of work to provide permitting support and environmental analysis services for the Purple Pipeline project.

Based on our previous discussions, project grant funding application materials, site visits and details from the project files; our understanding of the proposed Purple Pipeline project includes the following details:

Introduction: As a result of a successful Proposition 84 Integrated Regional Water Management Department (IRWM) Grant application the SSCSD is preparing for the proposed construction and installation of a "purple pipeline" project consisting of the delivery of recycled/reclaimed water from the existing SSCSD recycled water treatment system located at the community wastewater treatment facility. It is our understanding that the recycled water would be delivered to proposed reclaimed water users in the community (including supplementing commercial water use and community landscape irrigation) via the proposed Purple Pipeline project.

Implementation of the project will trigger the required preparation of an environmental determination pursuant to the requirements of the CEQA Guidelines. Although the project may be exempt from local land use permitting, implementation will still qualify as a "project" according to the CEQA Guidelines. It is anticipated that the process will result in preparation of a Mitigated Negative Declaration (MND) for the proposed SSCSD Purple Pipeline project as the Initial Study Checklist prepared in support of the SSCSD grant application indicated environmental impacts that can be reduced to less than significant levels through mitigation.

Project Description: As part of the Proposition 84 IRWM Implementation Grant Work Plan prepared by the SSCSD, the "Purple Pipeline" project consists of the delivery of

recycled/reclaimed water from the existing SSCSD recycled water treatment system located at the community wastewater treatment facility to proposed reclaimed water users in the community (including supplementing commercial water use and community landscape irrigation).

It is our understanding that the project will be implemented in the following three phases to accomplish the goals as outlined by the SSCSD.

- Phase 1 Construction of the Small-scale Recycled Water Facility (completed);
- Phase 2 Recycled Water Distribution Pipeline (west side of highway); and
- Phase 3 Recycled Water Distribution Pipeline (east side of highway).

Phase 1: Construction of the small-scale recycled water facility has been completed. The facility includes two treatment units, the AMIAD Filtration and the HiPOx as the disinfection unit. The facility is capable of treating 36,000 gallons of Title 22 compliant recycled water. If the amount of gallons treated is to increase, additional modules will need to be added. The AMIAD and the HiPOx units both can be converted by adding additional modules. Currently, the recycled water is discharged through the WWTF effluent outfall line to the ocean until Phases 2 and 3 of the recycled water delivery is implemented.

Phase 2: This phase consists of recycled water distribution to the west side of the highway and will increase the delivery of recycled water by approximately 7.9 AFY. The project elements required for implementation of Phase 2 are:

- 4,265 feet of pipeline;
- Additional modules will need to be added to the existing Small Scale Recycled Water Plant in order to handle the larger flow through the process.

Phase 3: This phase consists of recycled water distribution to the east side of the highway. The proposed recycled water distribution to the east side of the highway will increase the delivery of recycled water by approximately 15.26 AFY. The project elements required for implementation of Phase 3 are:

- 6,295 feet of pipeline;
- If the additional modules haven't already been added to the existing Small Scale Recycled Water Plant, then in this stage it will be needed.

Before implementation, a Title 22 Engineering Report will need to be submitted to the California Department of Public Health and RWQCB.

In addition to the infrastructure discussed above, the project includes the installation of a 100,000 gallon water storage tank to be co-located with the existing community water reservoir located just above the terminus of Pico Avenue in the Community of San Simeon.

Project Assumptions: It is important to note that the final alignment of the proposed recycled water delivery system and the construction details for the proposed infrastructure and water tank have not been approved yet. The environmental effects of which will depend greatly on the final location and construction details of the project. As such, the assumptions for the development of the project include the following:

- Pipeline alignment will be co-located with existing utilities;
- Project construction on undisturbed native soil is limited to the water tank area;
- The pipeline alignment is located in previously disturbed areas (i.e., roadways, utility easements, etc.) and no undisturbed areas with native vegetation or habitat will be disturbed;
- The project will not disturb jurisdictional creeks and/or wetlands;
- The proposed water tank will be located on the existing reservoir property located just above the terminus of Pico Avenue and will be visible from Highway 1;
- The project does not include a water-sharing agreement with any other jurisdictions;
- The project will not, in and of itself, result in the lifting of the existing building moratorium in place for San Simeon.

Scope of Work: Based on our previous discussion, it is the desire of the San Simeon CSD to obtain assistance with the permitting and environmental review needs (i.e., Mitigated Negative Declaration) for the project described above. The following scope of work provides a detailed discussion of the tasks proposed for assistance with the permitting and environmental review tasks necessary to begin implementation of the Purple Pipeline project.

It is important to note that this scope of work is based on the project description and the assumptions outlined above.

Task 1: File Review, Kick Off Meeting, Final Design Input: Within one week from notification of scope approval, OEC's project manager will organize and attend a meeting and/or conference call with the SSCSD and project engineer to discuss final project design and any early up-front input that may help to avoid permitting and environmental issues that could result in project delays or complications. The purpose of this meeting will be to review the project and proposed construction details, along with any project materials available. We will use this meeting/discussion as an opportunity to review all of the conditions of the project such as likely permitting requirements and initial project jurisdiction determination, environmental impacts, project site footprint, vegetation removal, siting and construction and to receive any other available information not already transmitted. This will give the team an opportunity to finalize project designs.

The meeting will also help solidify communication protocols and to affirm clear lines of communication between the SSCSD, regulatory agency staff and the OEC team. Based on the results of the kickoff meeting, we would be available to re-examine the proposed work program and make any revisions that the SSCSD may deem appropriate.

Task 2: Agency Coordination: As previously discussed, the project has the potential for permitting requirements through the County of San Luis Obispo. As such, it will be necessary to coordinate the local land use permitting requirements. This includes the detailed requirements for construction within the County Coastal Zone, which may include areas designated as a Sensitive Resource Area Combining Designation and/or Coastal Zone Environmentally Sensitive Habitat Areas. Because the project falls within the California Coastal Commission original jurisdiction, coordination will be needed to ensure that their concerns are met through the permit process. The County is an agent of the Coastal Commission and the land use permit covers both agency permit requirements. This task includes assisting the SSCSD with the County's information requests,

coordination between agencies and stakeholders, preparation and submittal of a permit application, and support during any hearings needed.

In addition, if the project is not exempt from local permitting, the County has the ability to waive the permit processing fees for projects with a clear public benefit. As such, this task also includes preliminary consultation with the County to determine if it would be possible to waive the permit fees for this project up to the amount of \$5,000. Any additional fee waiver above this amount would need to be approved by the County Board of Supervisors.

This task also includes communication with other jurisdictional agencies if necessary, communication with the IRWM grant funding representatives to formalize environmental review requirements and ensure up-front consistency with their requirements.

Task 3: Early Grant Funding Requirements (Environmental Review Status Report): Based on preliminary discussions with SSCSD staff, careful review of the project grant funding requirements and communication with the IRWM grant administrators, the SSCSD will be required to provide the IRWM Department with a preliminary environmental determination and CEQA timeframes for eventual certification. It is our understanding that this includes a detailed status report on the progress of the environmental review process and a detailed report on timeframes for completing milestones in the environmental review process. It is our understanding that this report will be an immediate need with due dates as early as December 15 of this year. This task includes coordination with SSCSD staff and IRWM staff to determine precise information needs, early review of the project details completed to date, and drafting a short report on the environmental review process, timeframes and milestones for eventual CEQA (and possible NEPA) certification. OEC will work closely with SSCSD staff to ensure that this report includes all requested information and meets the timing requirements of the project grant.

Task 4: Biological Resource Survey: Because the project includes potential construction on undisturbed native habitat (i.e., the area above Pico Avenue proposed for the water tank installation), it has been determined that a biological assessment will be required for the CEQA environmental review to determine the presence or absence of special status plant and/or wildlife species, the nature of the project impacts on biological resources and jurisdictional agency requirements, and proposed mitigation measures to reduce any impacts to less than significant levels. It is our assumption that this survey would be limited to the water tank construction area, which we understand would be the only undisturbed native habitat impacted by the project.

The biological investigation will be prepared by OEC team biologist and senior project manager Kevin Merk, and will begin with literature review and agency consultation. Once this initial phase is complete, reconnaissance biological field surveys will be conducted. It is anticipated that surveys will be limited to undisturbed areas proposed for construction. These efforts will be synthesized into a Biological Assessment as stipulated in the Coastal Zone Land Use Ordinance. The following is a detailed discussion of the proposed technical approach to preparing the Biological Assessment.

Literature Review and Agency Consultation. Prior to commencement of field studies, resources such as previous reports prepared for the project, USGS topographic maps, and soils maps will be reviewed. In particular, OEC team biologist and senior project manager Kevin Merk will coordinate background literature review including a search of the most recent version of element records tracked by the California Department of Fish and Wildlife's (CDFW's) California Natural Diversity Database (CNDDDB) utilizing their RareFind3 software. This database search will be conducted to account for special-status species and sensitive habitats tracked by CDFW with potential to occur within a five-mile radius of the project site. Habitat requirements and the nearest occurrence to the project site will aid in assessing the potential for tracked elements to occur onsite. Given our past work on recently completed projects in the area, we will also rely on our in-house compilation of special status species observations to supplement this inquiry. A literature search of California Native Plant Society's Inventory of Rare and Endangered Plants of California (CNPS 2001, as updated online) will be conducted to account for other special-status species not tracked by CNDDDB with potential to occur in the vicinity of the proposed project site. The CNDDDB Special Animals List will also be referenced.

Agency consultation will also be performed prior to initiation of field surveys to confirm the approach (i.e., whether full protocol-level surveys are required or if a detailed habitat assessment may be performed instead) in assessing the presence or absence of listed species.

Biological Field Surveys. The OEC team will conduct a site visit to determine the extent and nature of biological resources on this project site, and ground-truth the information contained in the background documents. The project site will be walked over thoroughly to identify and record all biological resources observed onsite. Points of interest will be marked using a GPS unit capable of sub-meter accuracy. Updated photographs of the project site will be taken. To be consistent with all pertinent site reconnaissance methods as well as those developed by USFWS, CDFW and CNPS, observed plant and wildlife species will be recorded and habitats will be classified using appropriate classification systems and mapped onto site specific aerial photography provided by the County, and updates to existing maps and tables will be completed as warranted. Unknown plant taxa observed in the field will be collected and brought to the laboratory for further identification. This task does not include detailed protocol surveys for special status species.

Task 5: Environmental Review (CEQA and NEPA): Implementation of the Purple Pipeline and water tank construction is considered a "project" as defined by the CEQA Guidelines and will be subject to the requirements of CEQA. CEQA compliance is also a condition of the IRWM grant administration.

Based on the details described above and the project assumptions outlined in this scope of work, the level of CEQA determination is likely a Mitigated Negative Declaration.

The State CEQA Guidelines define the trigger for requiring the level of CEQA review needed. Section 15063(a) of the CEQA Guidelines requires that, "Following preliminary review, the Lead Agency shall conduct an Initial Study to determine if the project may have a significant effect on the environment." If, as a result of the Initial Study, the Lead Agency finds that there is evidence that any aspect of the proposed project may cause a

significant but mitigable environmental effect, the Lead Agency shall further find that a Mitigated Negative Declaration (MND) is warranted to analyze environmental impacts. However, if on the basis of the IS, the Lead Agency finds that the proposed project will not cause a significant effect on the environment, either as proposed or as modified to include the mitigation measures identified in the Initial Study, a CEQA Exemption would be filed.

The appropriate level of CEQA determination will be a decision informed by the results of the technical surveys discussed above and through the Initial Study process. Based on the preliminary Initial Study checklist prepared in support of the project grant application, it is likely that the project will result in significant but mitigable impacts and a MND would be required. As such, this scope of work includes the preparation of an MND pursuant to the State CEQA Guidelines. It is anticipated that the primary environmental issues that the MND will focus on will include:

- **Biological Resources:** Installation of the proposed water tank above Pico Avenue has the potential to impact undisturbed native grassland. This area has the potential to exhibit special status plants and habitat. As such, the MND will incorporate the results of the proposed biological resources survey in order to ensure that the on-site resources are adequately characterized and any impacts are identified and appropriate mitigation measures are included. At this time, it is unknown if the proposed Purple Pipeline will impact undisturbed native habitat. If this is the case, the MND will address this impact as well.
- **Archaeological Resources:** Project construction has the potential to impact known and/or undiscovered archaeological resources. A preliminary investigation of known archaeological resources in the project vicinity will be initiated based on the records kept by the County of San Luis Obispo. Based on our experience, the San Simeon area is known to contain significant archaeological resources. OEC will work with County staff to research known archaeological sites in the project area and make a determination on the need for site-specific surveys. This scope of work includes a task for the preparation of an archaeological survey in order to fully analyze potential project impacts. The archaeological resources impact assessment prepared for the MND will incorporate the results of past surveys in the area and site-specific surveys if needed. Impacts will be assessed and appropriate mitigation will be included if required.
- **Visual Resources:** Installation of the proposed water tank may have aesthetic or visual impacts based on views from Highway 1, which is considered to be a designated scenic highway. However, final construction specifications for the water tank have not been provided and it is unknown at this time if the tank would be visible from Highway 1 or public vantage points. This scope of work includes the preparation of a visual assessment and photo simulations as an optional task if required. If prepared, the MND would incorporate the results of the visual assessment. However, it is anticipated that any visual impacts could be addressed through project design.

Task 6: Archaeological Report: Based on our preliminary review of the Purple Pipeline project, the County Coastal Zone Land Use Ordinance, and the preliminary Initial Study Checklist prepared in support of the IRWM grant application, it is

anticipated that an archaeological surface (Phase I) survey will be required in order to determine the project impacts related to archaeological resources and to inform the CEQA review. It is our understanding that this survey would be limited to the water tank construction area, which is the only portion of the project located on undisturbed native soils. OEC is proposing to take the lead in organizing the preparation of this survey through the use of a sub-consultant that our team has experience working with, has been listed on the County's qualified consultant list and has experience with similar projects in the County of San Luis Obispo.

Once the project construction footprints and plans have been finalized, OEC will work with an approved archaeologist to provide a detailed scope of work and cost estimate for completing the necessary surveys and analysis. Upon request, this scope of work includes a preliminary budget for completing this task.

The following is a brief outline of the services proposed for completing the surface (Phase I) surface survey:

Archaeological Assessment: The project has the potential to be located in an area identified as "Archaeologically Sensitive" through the County of San Luis Obispo General Plan Land Use Element. In accordance with Section 23.07.104 of the County Coastal Zone Land Use Ordinance, before issuance of a land use or construction permit for development within an archaeologically sensitive area, a preliminary site survey shall be required. The survey shall be conducted by a qualified archaeologist knowledgeable in local Native American culture and approved by the County.

In order to meet the requirement for this survey, OEC will work with an approved archaeologist to complete a Phase 1 cultural resources study for the proposed projects. To meet the County's requirements and Section 106 requirements (if any), the cultural resource study scope of work will include the following four tasks:

1. A records search at the Central Coast Information Center (CCIC) of the California Historical Resources Information System;
2. Consultation with the California Native American Heritage Commission (NAHC) and local tribal representatives;
3. A pedestrian field survey of the project sites; and
4. Preparation of a technical report to County standards and the requirements of State Office of Historic Preservation's *Archaeological Resource Management Reports (ARMR): Recommended Contents and Format*.

This task includes the use of an archaeologist to compile maps and other information, order the records searches, review and compile the records search results when received, prepare letters and make follow-up phone calls to local tribal representatives, and otherwise prepare for fieldwork.

It is assumed that all fieldwork can be completed by one archaeologist in a single day, including survey, site documentation, and travel to and from the project site.

Based on available surface information, the team archeologist will make preliminary assessments of the significance and California Register of Historical Resources (CRHR)

eligibility of cultural resources identified in the study area. These preliminary assessments will serve as a guide for recommendations for any additional site testing and significance evaluation (Phase 2), mitigation (Phase 3), or construction monitoring if necessary.

The results of the records search, literature review, consultations, and pedestrian survey would be documented in a technical report prepared to current professional standards.

Optional Task - Visual Impact Assessment: The project includes installation of a 100,000 gallon water tank above Pico Avenue and has the potential to be visible from Highway 1 and other public vantage points. As such, the project has the potential to result in impacts related to the visual environment as seen from travelers along Highway 1, a designated scenic highway. In order to assess these impacts and appropriate mitigation, OEC proposes to work with a qualified sub to identify visual and aesthetic issues that may result from project construction to predict the degree and type of impact the project will have on the "visual" environment, potentially using photo-simulations to assess visual impacts.

However, it should be noted that final project plans have not been prepared and it is possible that the water tank would not be visible from Highway 1 or other public vantage points utilizing project design elements such as subterranean or semi-underground tanks, earthen berms, landscaping and/or color schemes for painting.

In the event that visual impacts cannot be avoided, OEC will work with a qualified sub-consultant to provide the necessary scope of work for completing the required assessment. OEC will provide the SSCSD with the necessary cost estimate(s) at a rate of cost plus 15% rate.

Final Cost and Assumptions: Oliveira Environmental Consulting will prepare all of the necessary project management and environmental review tasks outlined above (not including items listed under "Optional Task") in accordance with this proposed scope of services for a fee not to exceed \$19,490

Please refer to the attached cost estimate table for more information. It should be noted that this cost is based on the following assumptions:

- No extraordinary or undeveloped issues are associated with the projects that would suggest an effort greater than that described above;
- Oliveira Environmental Consulting will not prepare any new technical studies outside of the biological survey and any original graphics requested will be based on existing data supplied by either the project applicant or their consultants;
- The SSCSD would be responsible for any fees needed for jurisdictional agency permits;
- All documents will be submitted to the client in an electronic format;

The proposed scope of services and associated costs are fully negotiable to meet the needs of the San Simeon CSD depending on the final project designs and the anticipated level of CSD staff support that will be used to assist project completion. Oliveira Environmental Consulting LLC invites any comments on this scope of work and will make changes as requested. Upon request, additional work not included herein will be completed in accordance our standard fee schedule. Mileage is billed at the standard Federal rate allowed by the IRS for the current year.

Thank you for considering Oliveira Environmental Consulting LLC for this assignment. If you have any questions about this scope of services or cost, please feel free to contact me anytime at 805-234-7393 (jeffo@olive-env.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Oliveira". The signature is fluid and cursive, with the first name "Jeff" and last name "Oliveira" clearly distinguishable.

Jeff Oliveira, Principal Environmental Planner
Oliveira Environmental Consulting LLC

**SAN SIMEON COMMUNITY SERVICES DISTRICT RECLAIMED WATER "PURPLE PIPELINE" PROJECT
SCOPE OF WORK FOR PROVIDING PERMITTING SUPPORT AND ENVIRONMENTAL REVIEW SERVICES**

Cost Estimate

*Permitting Support and Environmental Review Services for the SSCSD
Reclaimed Water "Purple Pipeline" Project*

Oliveira Environmental Consulting LLC

Task		Principal	Biologist/Senior Project Manager	Asst. Project Manger GIS Tech.
	<i>Subtotal</i>	<i>\$85/hour</i>	<i>\$85/hour</i>	<i>\$65/hour</i>
Task 1: File Review, Kick Off Meeting, Final Design Input	\$ 850	10	0	0
Task 2: Agency Coordination	\$ 1,700	20	0	0
Task 3: Early Grant Funding Requirements	\$ 850	10	0	0
Task 4: Biological Resource Assessment				
Background Review	\$ 600	0	4	4
Field Review	\$ 730	0	4	6
Report Preparation	\$ 1,030	0	6	8
Quality Control Protocol / Report Modifications	\$ 900	2	4	6
<i>Task 4 Subtotal:</i>	<i>\$ 3,260</i>	<i>2</i>	<i>18</i>	<i>24</i>
Task 5: Environmental Review (MND)	\$ 6,810	68	6	8
Task 6: Archaeological Surface (Phase I) Survey	\$ 4,850			
Project Coordination	\$ 1,020	12	0	0
<i>Total Labor Subtotal</i>	<i>\$ 19,340</i>	<i>122</i>	<i>24</i>	<i>32</i>
Travel, field supplies and equipment	\$150			
Total Cost Estimate	\$ 19,490			