ENGEO
Expect Excellence

Proposal

Design, Environmental, and Permitting of the Santa Rosa Creek Streambank Stabilization Project

March 17, 2026

Submitted To:
Tristan Reaper, Project Manager
Cambria Community Services District (CCSD)
2150 Main Street #1-A
Cambria, CA 93428

Project No.
P30744.000.001

March 17, 2026

Cambria Community Services District
Tristan Reaper, Project Manager
2150 Main Street #1-A
Cambria, CA 93428

Subject: Proposal for Design, Environmental, and Permitting of the Santa Rosa Creek Streambank Stabilization Project

Dear Mr. Reaper,

ENGEO is pleased to submit our proposal to provide engineering design, and environmental permitting services for the Santa Rosa Creek Streambank Stabilization Project. We recognize the urgency of the situation along the Santa Rosa Creek Trail, where active erosion threatens both a public amenity, and a critical wastewater trunk line serving approximately 35 percent of the Cambria community.

ENGEO specializes in projects where geologic hazards and critical infrastructure intersect. Our team has extensive experience evaluating erosion, slope instability, and scour conditions along California creeks and developing practical stabilization solutions that protect infrastructure while navigating complex environmental permitting requirements.

For this effort, we have assembled a focused, multidisciplinary team that integrates our civil and geotechnical engineering expertise with specialized subconsultants supporting biological resources, cultural resources, and CEQA compliance. This approach allows us to provide the District with a coordinated, one-stop solution from initial evaluation through design and permitting.

Our proposed Project Manager, Randy Hildebrant, PE, GE, is a Registered Civil and Geotechnical Engineer in the State of California, who has led numerous infrastructure stabilization and creek repair projects in the Central Coast region of California. Randy will serve as the District's primary point of contact from kickoff through final design delivery, providing consistent leadership and direct communication throughout the project. As a California-based firm that regularly supports local agencies on technically complex but community-scale projects, ENGEO understands the importance of responsive service, practical solutions, and close collaboration with District staff. We are committed to delivering a constructible and cost-effective stabilization design that protects this critical infrastructure and the surrounding community.

We appreciate the opportunity to support the Cambria Community Services District and would welcome the chance to bring our experience and focused approach to this important project.

Sincerely,

ENGEO Incorporated

Randy Hildebrant, PE, GE
Associate

Josef Tootle, PE, GE
Principal

Added on 4/8/2026

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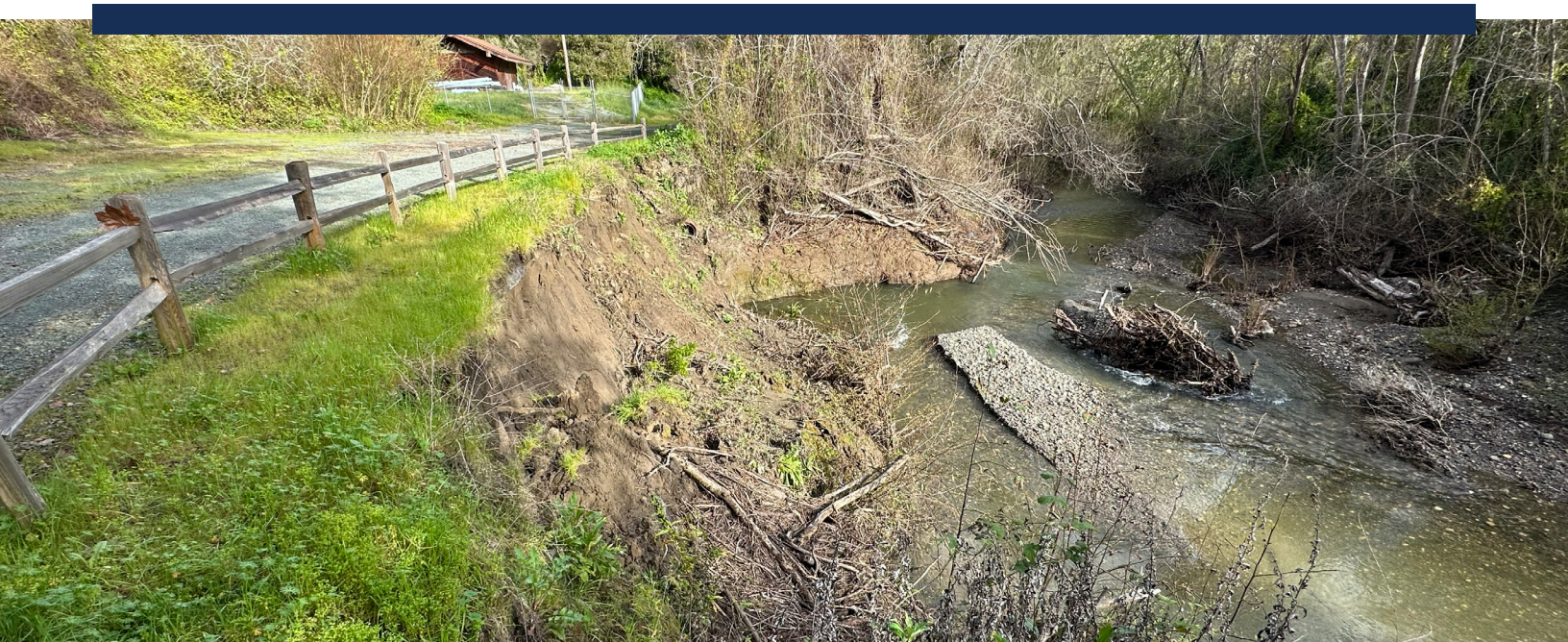


Executive Summary

ENGEO is an award-winning, employee-owned U.S. corporation with more than 400 geotechnical, civil, and coastal engineers, engineering geologists, hydrologists, hydrogeologists, environmental scientists, construction quality-assurance representatives, and laboratory testing specialists. serving clients in the U.S. and abroad for over 50 years.

Firm Organizational Chart

Proximity to District's Offices and Facilities

Our Santa Maria office is located approximately one hour from the District's facilities in Cambria, allowing us to provide responsive, locally based service.

Our proximity supports rapid, hands-on service for on-the-ground needs, backed by a statewide team of over 250 skilled professionals who can provide substantial technical depth and specialized expertise. Should project demands increase, we can seamlessly mobilize additional team members from our offices statewide to maintain schedule, quality, and service continuity.

AT A GLANCE

50+ years of experience

400+ professionals

14 U.S offices

CORE SERVICES

Water Resources & Hydrology

Stormwater Management

Geotechnical Engineering

Environmental Engineering

Engineering Geology

GIS/GPS

Geologic Hazard Abatement Districts (GHADs)

Entitlement & Permitting Support

Construction-Phase Testing & Observation

Special Inspection & Materials Testing

WHY ENGEO

Personalized Service to CCSD

Direct Principal Accessibility

Geohazard Expertise

Integrated Geomorphic Engineering

Strong Partnerships with Local Subconsultants

Statement of Qualifications

Qualifications and Experience

ENGEO has extensive experience in the design and permitting of streambank stabilization and restoration projects near roadways with underground utility infrastructure. Our team integrates geotechnical engineering, hydrology and hydraulics, environmental considerations, and constructability to develop practical, agency-ready solutions for creeks and rivers affected by erosion, scour, and channel instability. Our work is supported by detailed geotechnical and geomorphic evaluations along with hydraulic and hydrologic analyses of fluvial systems that allow us to fully evaluate bank stabilization alternatives and provide solutions intended to reduce impacts to natural creek systems while maintaining long-term bank stability to critical infrastructure.

Hydrology and Hydraulics

We provide services including riparian corridor restoration, flood control, surface water drainage management plans and water balance/demand studies. We use a variety of modeling programs and GIS tools to calculate peak flows in watersheds, mitigate downstream flooding concerns, and design flood control structures. Our knowledge and relationships with multiple public and government agencies helps projects progress smoothly and stay on schedule.

We stay abreast of the constantly evolving regulatory requirements surrounding Federal and State permitting compliance with surface water management and wetlands mitigation issues, and we offer seminars to keep our staff and clients aware of any potential developments that may affect how our services are delivered. Relevant hydrological services include:

- Hydrologic Modeling of Watersheds
- Hydraulic Modeling of Waterways
- Creek Restoration
- Bank Stabilization
- Wetland Design, Restoration and Monitoring
- GIS Based Hydrologic Tools

Geotechnical Engineering

Our engineers and geologists help companies and public agencies manage their project development risk, drive down construction costs, and improve schedules. ENGEO's geotechnical services are uniquely designed to address the District's objectives. Geotechnical services include:

- Pre-Exploration Geomorphology Evaluation
- Subsurface Characterization
- Fault Characterization
- Earthquake Engineering, Seismic Analysis and Retrofit
- Foundation Engineering
- Shoring Design Review
- Grading Design
- Slope Analysis and Stabilization
- Slope Instrumentation and Monitoring
- Earth Retention System Design
- Subgrade Stabilization
- Pavement Analysis and Design
- Settlement Analysis
- Shoreline Engineering
- Building Code-Required Special Inspections of Foundations and Vertical Construction
- Construction Instrumentation and Monitoring
- Construction-Phase Testing and Observation
- Earthwork Testing and Observation

Project Experience

The project profiles on the following pages demonstrate our successful application of these capabilities on complex streambank stabilization, infrastructure protection, and coastal permitting assignments throughout California.

Added on 4/8/2026

CLIENT

The Nature Conservancy

KEY PERSONNEL

Randy Hildebrant, PE, GE
Josef Tootle, PE, GE
Jonathan Buck, PE, GE, QSD

RELEVANCE

- Protecting Critical Utilities
- Sensitive Habitat Work
- Full-Lifecycle Delivery

Dangermond Preserve

Lompoc, CA

Since 2009, ENGEO has provided comprehensive geotechnical, geologic, and permitting consultation for the 24,000-acre Dangermond Preserve. Our work has focused on mitigating storm-related damages to critical access infrastructure and restoring natural creek alignments within highly sensitive coastal environments.

Core Challenges & Solutions

- **Streambank & Creek Restoration:** In 2022, our team led the Jalachichi Stock Pond Restoration, which involved breaching an existing pond and placing 12,000 cubic yards of fill to restore a seasonal creek alignment. The design integrated nature-based and structural solutions, including rock check dams, armored creek crossings, and a large riprap energy dissipater to manage high-velocity flows.
- **Infrastructure Stabilization:** Like the challenges at Santa Rosa Creek, we completed design and construction oversight for storm-damage mitigation adjacent to the Cojo Ranch headquarters. This included rebuilding failed slopes using geogrid reinforced stabilization and restoring erosion gullies to protect the primary access road.
- **Hydraulic & Technical Modeling**: To provide long-term stability, we performed advanced hydraulic modeling and geotechnical evaluations to drive the civil engineering design for creek realignments and bridge abutments.
- **Complex Bridge Engineering:** In 2019, we managed the construction of a 40-foot prefabricated steel bridge spanning Cañada Del Cojo. This project replaced culverts that had washed out during heavy winter flows, involving the design of concrete bridge abutments, precast reinforced sills, and road realignment.

Regulatory & Permitting Success

- **County Permits:** Secured both grading and building permits for construction within protected lands.
- **Coastal Commission:** Provided the technical studies and environmental support required to address California Coastal Commission requests and land dedication.
- **Environmental Sensitivity:** Developed a deep understanding of fieldwork constraints in remote, ecologically sensitive areas, with construction activities conducted in accordance with stringent conservation standards.

Added on 4/8/2026

CLIENT

Town of Danville

KEY PERSONNEL

Jonathan Buck, PE, GE, QSD
Chase Hemming, PE
Natasha Marsden, EIT

RELEVANCE

- Utility Risk Mitigation
- Multi-Agency Permitting
- FEMA/Grant Experience
- Sensitive Habitat

Front Street Landslide at San Ramon Creek

Danville, CA

ENGEO served as the Prime Consultant for a critical streambank stabilization project following a major failure that uprooted vegetation and undermined municipal infrastructure. The failure directly threatened underground utilities, roadway guardrails, and pavement along a high-traffic corridor.

Core Challenges & Solutions

- **Critical Infrastructure Protection:** To protect the threatened underground utilities and stabilize the roadway, our team designed a robust soldier pile and lagging wall system with tie-back anchors and buried rock slope protection..
- **Creek Restoration:** Beyond structural stabilization, the project included ecological restoration at the toe of the wall to support the long-term health of the riparian corridor including native plants and willow poles at the toe of slope..
- **Lifecycle Technical Services:** We provided a full suite of services, from the initial geotechnical engineering and design through the preparation of final plans and specifications, geotechnical testing, and post-construction monitoring.
- **Phased Improvements:** Demonstrating our long-term commitment to client success, we were retained for subsequent repairs in 2016 and again in 2023 to provide additional stabilization design and support for new sections of the creekbank.

Regulatory & Permitting Success

- **Federal Agencies:** U.S. Army Corps of Engineers (USACE) and U.S. Fish and Wildlife Service (USFWS).
- **State Agencies:** San Francisco Bay Regional Water Quality Control Board (RWQCB) and California Department of Fish and Wildlife (formerly CDFG).
- **Funding Compliance:** We provided specialized support for FEMA funding, with designs and documentation prepared to meet federal reimbursement requirements.

Added on 4/8/2026

CLIENT

Private Residential Client

KEY PERSONNEL

Randy Hildebrant, PE, GE

Joe Tootle, PE, GE

RELEVANCE

- Local Cambria Presence
- Direct SLO County Coordination
- Engineer-of-Record

Coastal Bluff Stabilization, Windsor Boulevard

Cambria, CA

ENGEO provided a comprehensive, multi-disciplinary approach, including civil engineering, geotechnical engineering, and engineering geology, to address coastal bluff erosion at two adjacent properties in Cambria. The project was a direct response to critical drainage and erosion concerns within the sensitive coastal bluff zone and required strict adherence to County of San Luis Obispo standards.

Core Challenges & Solutions

- **Integrated Civil & Geotechnical Design:** Our team performed the primary civil engineering and geotechnical evaluations to design specialized erosion control systems. This included the design of sump pump systems with backup power, emergency outflows, and complex drain line networks to mitigate the groundwater issues driving bluff instability.
- **Engineer-of-Record Construction Oversight:** Serving as the Engineer-of-Record, ENGEO managed the construction phase from September 2023 through March 2024. We performed construction observation and special inspections to verify that all grading and stabilization features were built in general conformance with our approved plans and specifications.
- **Bluff Stability Analysis:** We conducted detailed analysis of the bluff's stability to confirm the proposed drainage and grading improvements would provide long-term protection against the high-energy coastal environment.

Regulatory & Permitting Success

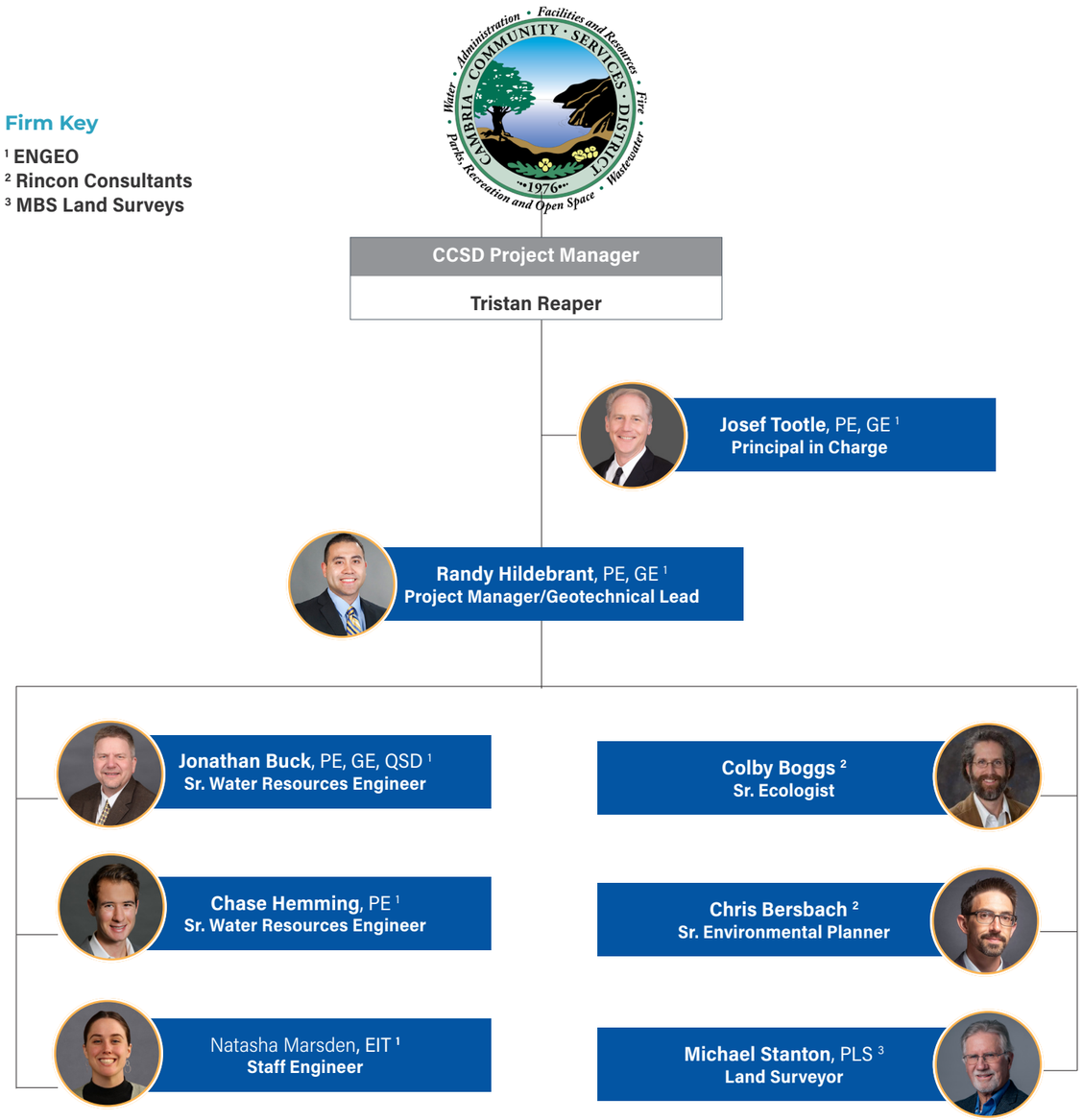
- **SLO County Coastal Zone Permitting:** ENGEO led the project through the County of San Luis Obispo Coastal Zone permitting process, directly responding to plan review comments to secure approvals.
- **Project Closeout & Certification:** We prepared the final construction conformance and certification letters required by the County to successfully close out the permits and verify the project met all approved design criteria.

Project Organizational Chart

ENGEO's organizational structure and integrated technical capabilities allow us to deliver high-value solutions to clients. With a deep bench of over 400 engineering professionals, we offer the technical horsepower of a large-scale firm while maintaining the nimble, responsive culture of a specialized practice. Through close coordination of our water resources, geotechnical engineering, and geospatial disciplines, ENGEO provides technically robust assessments that support the District's understanding of site conditions, risk, and appropriate streambank management strategies.

Firm Key

[1] **ENGEO**
[2] **Rincon Consultants**
[3] **MBS Land Surveys**



Measurable Benefits to the District:

Accelerated Permitting Strategy
Early coordination with USACE, RWQCB, CDFW, and coastal agencies streamlines CEQA compliance and reduces permit review time and redesign risk.

Infrastructure-First Engineering
Hydrologic and geotechnical analyses inform stabilization designs that protect the sewer trunk line and trail under high-flow and erosion conditions.

Integrated Project Oversight
A single project manager coordinates technical studies, design, and permitting to maintain schedule and continuity through final plans.

Key Personnel Qualifications

Our project team is led by professionals who will bring value to each phase of the assignment. Each key team member has been selected for their specific experience in streambank stabilization, utility protection, and coastal permitting within the Central Coast region. Full resumes are included in the appendix.

Firm	Name	Project Role	Certifications	Education	Experience
ENGEO	Randy Hildebrant, PE, GE	Project Manager/ Lead Geotechnical Engineer	CA–GE 3090 CE–CE 79940	MS Geotechnical Engineering, University of California at Berkeley BS Civil Engineering, California State Polytechnic University, San Luis Obispo	Randy has extensive experience managing complex public works infrastructure, specifically focusing on slope stability, landslide mitigation, and coastal resilience. He has overseen the movement of over 10 million cubic yards of remedial grading and specializes in protecting critical utilities, including sewer lines and roadways, from aggressive erosion and storm-related failures. Randy has led projects for the City of Pismo Beach and the City of Morro Bay, where he managed coastal bluff stabilization, revetment inspections, and storm drain repairs funded by FHWA/Caltrans.
ENGEO	Josef Tootle, PE, GE	Principal in Charge	CA-GE 2677 CA-CE 58282	MS Civil Engineering University of California at Berkeley BS Civil Engineering San Jose State University	Joe has over 30 years of experience in project management, hydraulic modeling, and riparian corridor restoration. He is a recognized authority in flood control and bank stabilization, having served on the California Department of Water Resources Urban Levee Design Criteria committee. His career-long focus on fluvial systems allows him to provide the high-level quality control necessary for complex public works.
ENGEO	Jonathan Buck, PE, GE	Senior Water Resources Engineer	CA-GE 2958 CA-CE 67302 CASQA QSD Certified, CA 00230	MS Civil Engineering Arizona State University BS Civil Engineering and Urban Planning, Arizona State University	Jon has over 28 years of specialized expertise in the intersection of civil engineering, geomorphology, and regulatory compliance. He is a recognized expert in creek stabilization and restoration, with a particular focus on protecting public infrastructure from active channel erosion. His work is consistently approved by the USACE, RWQCB, and CDFW, and he has a proven track record of securing FEMA funding for complex repairs in areas jurisdictional to Federal and State resource agencies.
ENGEO	Chase Hemming, PE	Senior Water Resources Engineer	CA-CE 91689	MS Civil & Environmental Engineering University of California, Berkeley BS Civil Engineering California Polytechnic State University San Luis Obispo	Chase has experience coordinating multidisciplinary teams for streambank and channel stabilization efforts, integrating geotechnical, hydrologic, biological, and permitting inputs to support design development and agency review. He has supported evaluation of eroding and unstable creek banks, including assessment of subsurface conditions, bank geometry, and constructability considerations that inform stabilization alternatives such as structural toe protection, bioengineered systems, and hybrid approaches consistent with site constraints and permitting requirements.
ENGEO	Natasha Marsden	Water Resources Engineer	CA-EIT 185340	MS Environmental Engineering University of Melbourne, Australia BS Physics University of California, Los Angeles	Natasha has experience in creek-adjacent infrastructure recently supporting the Diablo Road Pedestrian Trail project, where she drafted stabilization measures for a trail corridor restricted by narrow top-of-bank conditions. Furthermore, on the Emergency Residential Bridge Repair in Woodside, she utilized 2D HEC-RAS modeling to evaluate scour countermeasures that stabilized creek banks with failing bridge abutments.
Rincon Consultants Inc	Colby Boggs	Principal/ Senior Ecologist	Certified Ecologist – Ecological Society of America	MS, Botany, California State University, Chico BS, Ecology and Evolution, University of California, Santa Barbara	Colby has 27 years of experience specializing in biological resources, regulatory compliance, and riparian restoration across California's Central Coast. A recognized expert in San Luis Obispo County, he has managed environmental services for complex bridge and creek stabilization projects for Caltrans District 5 and numerous local municipalities. He brings specialized expertise in special-status species relocation, including Central California Coast steelhead and California red-legged frog, and has successfully overseen emergency permitting and mitigation for multiple FEMA-funded storm damage recovery projects.
Rincon Consultants Inc	Chris Bersbach	Supervising Environmental Planner	-	MESM, Conservation Planning, University of California, Santa Barbara BA, Psychology; Brandeis University	Chris has 18 years of experience managing CEQA/NEPA compliance and regulatory permitting for critical infrastructure across the California Central Coast. He specializes in navigating the environmental review process for high-stakes water resource and stabilization projects, including his recent work as Project Manager for the San Luis Obispo Creek Bank Stabilization Project. In that role, he oversaw the IS-MND, aquatic species relocation, and resource agency notifications for emergency repairs.
MBS Land Surveys	Michael Stanton, PLS	Professional Land Surveyor	CA Land Surveyor's Association CA PLS #5702	BS, Resource Management, California State Polytechnic University, San Luis Obispo	Michael brings over 45 years of professional surveying expertise to the team, with a career dedicated to supporting public works and infrastructure development throughout San Luis Obispo County. He provides the senior-level oversight and quality control necessary for high-stakes municipal projects, including his recent leadership on the Chimney Rock Road at Franklin Creek Restoration and the Chorro Valley SWP Intertie. Michael specializes in establishing the precise geodetic control and boundary frameworks required for complex hydraulic modeling and legal easement acquisition.

List of Subcontractors

To support the full range of services anticipated under this contract, we have assembled a team of experienced subconsultants whose expertise complements our in-house capabilities. Exhibit B is included in the appendix.

RINCON CONSULTANTS

Rincon Consultants, Inc. is a multidisciplinary environmental sciences, planning, and engineering consulting firm headquartered in Ventura, California. Founded in 1994, the firm provides professional services to public agencies, utilities, and private-sector clients across California, supporting projects that require environmental analysis, regulatory compliance, and sustainable planning solutions.

Select Project Experience:

San Luis Drive at San Luis Obispo Creek Bank Stabilization Project, San Luis Obispo, CA
Rincon provided emergency environmental compliance services for storm damage repairs along San Luis Obispo Creek, including agency coordination, resource monitoring, aquatic species relocation, and post-construction reporting. Rincon also coordinated with the City and local Tribal representatives to address sensitive cultural resources.

Johnson Avenue at San Luis Obispo Creek Bank Stabilization Project, San Luis Obispo, CA
Rincon provided environmental and regulatory compliance services for storm-damaged sections of San Luis Obispo Creek, including emergency agency notifications, resource surveys and monitoring, aquatic species relocation, and post-construction reporting. Rincon also prepared an IS-MND and secured permits for the permanent stabilization once emergency conditions were resolved.

Cecchetti Road at Arroyo Grande Creek Bridge Replacement Project, San Luis Obispo, CA
Rincon is currently working with the County to prepare a federal Biological Assessment for endangered species act consultation between the Federal Emergency Management Agency (FEMA), USFWS, and NMFS; an Aquatic Resources Delineation, and a Habitat Mitigation and Monitoring Plan. Our services have included field surveys, reporting, and project management.

MBS LAND SURVEYS

Founded in 2005 by Michael B. Stanton, PLS, MBS Land Surveys is a full-service land surveying company based in San Luis Obispo, California, providing services throughout San Luis Obispo and Santa Barbara Counties. The team includes six licensed land surveyors supported by twelve survey technicians and administrative staff. Utilizing advanced technology, including Trimble robotic total stations, RTK GPS systems, AutoCAD Civil 3D, and Trimble Business Center, the team efficiently collects, processes, and delivers high-quality surveying data. Their San Luis Obispo office provides convenient access to project sites across the region.

Select Project Experience:

- Nacimiento Water Pipeline T4 Turnout Realignment Project San Luis Obispo County, CA
- Huasna River Bridge Replacement Project , San Luis Obispo, CA
- Chorro Valley SWP Intertie Project, Los Osos, CA
- State Highway 1 and El Campo Road Intersection San Luis Obispo, CA
- Ocean Blvd – Seawall and Street Improvements, Pismo Beach, CA
- Twitchell Dam Landslide Project, Santa Barbara, CA

Availability

Our proposed team is fully committed to leading this effort from kickoff through closeout. We understand that consistent leadership is essential to meeting the District's expectations for quality, responsiveness, and timely delivery. Our organizational structure and depth of staff allow us to maintain stability in key project roles, including the designated Project Manager who will remain actively engaged throughout the project lifecycle. Should unforeseen circumstances arise, we maintain qualified senior staff who are familiar with the District's needs and capable of stepping into leadership roles with minimal disruption, maintaining continuity and project momentum.

Through experienced leadership, clear communication, and disciplined project management practices, our team is well positioned to meet the District's needs in a reliable, responsive, and timely manner from start to finish.

References

We are pleased to provide a list of references who can speak about the quality of our work and the value we bring to clients. These references can attest to our expertise, professionalism, and commitment to delivering exceptional results.

Reference #1	
Name of Firm	City of Pismo Beach
Address	760 Mattie Road
City, State, Zip Code	Pismo Beach, CA 93449
Telephone #	(805) 779-1201
Contact Name and Email Address	Daniel Contreras, EIT, dcontreras@pismobeach.org
Project Name	Ocean Blvd Improvement
Completion Date	Ongoing
Approx. Cost	$1.2M

Reference #2	
Name of Firm	Town of Danville
Address	500 La Gonda Way
City, State, Zip Code	Danville, CA 94526
Telephone #	(925) 314-3339
Contact Name and Email Address	Steven Jones, PE, sjones@danville.ca.gov
Project Name	Front Streeet Bank Repair at San Ramon Creek
Completion Date	Ongoing
Approx. Cost	$1.5M

Reference #3	
Name of Firm	Monterey County Water Agency
Address	1441 Schilling Place, North Building
City, State, Zip Code	Salinas, CA 93901
Telephone #	831-755-4874
Contact Name and Email Address	Alex Henson, PE, hensona@co.monterey.ca.us
Project Name	Salinas River Emergency Levee Repair
Completion Date	2023
Approx. Cost	$110K

Technical Approach

Project Understanding

We understand that the aim of the Santa Rosa Creek Trail and Streambank Restoration Project is to protect the District's sewer trunk line and to protect the Santa Rosa Creek trail by stabilizing and restoring a portion of the creek corridor.

The project focuses on an approximately 150-foot "pinch-point" of the western streambank where progressive erosion, accelerated by significant high-flow events in 2005, 2017, and 2023, now directly threatens essential district infrastructure.

We understand that the primary driver of this project is the protection of the District's 18-inch sewer trunk line. This utility conveys approximately 169,000 gallons of sewage per day (35% of the community's total wastewater) and is currently within 10 to 15 feet of the eroding bank.

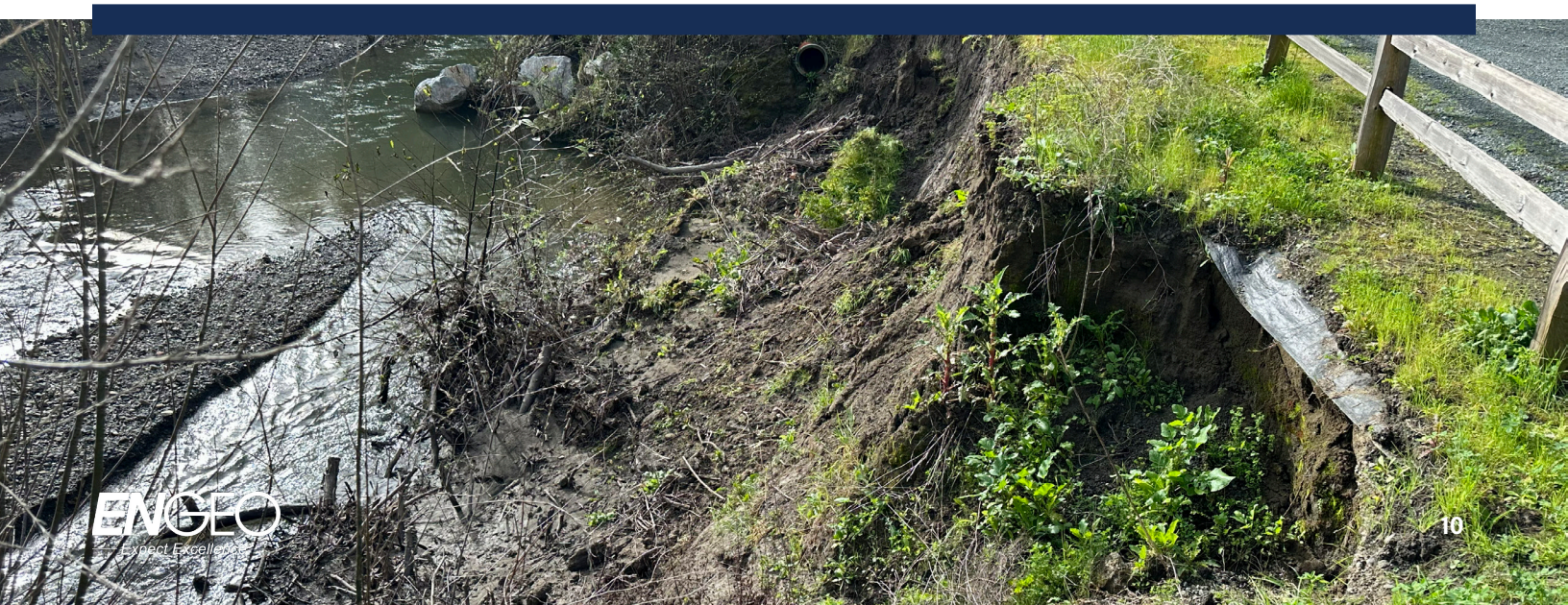
A breach would result in catastrophic water quality impacts to Santa Rosa Creek and its protected species. Simultaneously, the project must preserve the Santa Rosa Creek Trail, a 12-foot-wide community resource and emergency access point that has narrowed to within 2-7 feet of the bank edge.

We understand that a successful design will balance structural stability with the hydraulic and geomorphic needs of the creek that will be acceptable to Federal and State resource agencies.

Because the bank is subject to high-velocity flows during winter storm events, the restoration must account for a scour zone hazard envelope that protects both the sewer line and the trail from future lateral migration. This necessitates a solution that balances robust stabilization, such as boulder protection, with the need for a geotechnically stable, naturalistic bank slope that will protect and support the utility corridor at the top of bank,, all while minimizing the permanent footprint within the active channel.

Beyond physical stabilization, the project is defined by its setting within the Fiscalini Ranch Preserve, requiring a shift from traditional engineering to bioengineering and habitat enhancement. Our "hard" engineering solution will be accompanied with "soft" engineering techniques, such as use of willow fascines, to provide long-term surface stability while enhancing the habitat for sensitive species like the steelhead trout.

By integrating these ecological goals with hydraulic performance, the project will support the long-term resilience of the corridor and facilitates a streamlined permitting process with the California Department of Fish and Wildlife, Regional Water Quality Control Board, and U.S. Army Corps of Engineers. Ultimately, this effort is a permanent infrastructure safeguard designed to maintain the continued reliability of Cambria's wastewater system and the preservation of its natural coastal resources.



Project Approach

Based on our site reconnaissance on February 25, 2026, our preliminary approach is to rebuild/regrade the eroded streambank to a more stable configuration, utilizing buried rock slope protection topped with a soil veneer and revegetated with native riparian species.

We plan to tie this solution into the existing streambank stabilization that is located immediately upstream of the project, which also consists of rock protection that is joint-planted with live willow material. Our preliminary design may be refined as the geotechnical investigation and two-dimensional hydraulic modeling clarify the site's erosion processes, shear stress regime, and long term slope stability requirements. The slope may also required buried geogrid reinforcement or other buried engineered solutions based on a slope stability analysis.

From a permitting and CEQA perspective, our approach is to develop a design that aligns as closely as possible with the 2009 Fiscalini Ranch Master Plan EIR. Because the Certified EIR already analyzed and incorporated mitigation for bank stabilization activities along Santa Rosa Creek, we believe there is strong potential for this project to tier from that document through an Addendum.

Rincon will evaluate this option further; however, given that the project will require permits from the California Department of Fish and Wildlife (who typically expect CEQA documents with mitigation measures), we are not recommending a Statutory or Categorical Exemption. Our scope therefore includes two viable CEQA pathways: preparing an Addendum to the Certified EIR or developing an IS-MND.

The following section is a general work plan that describes our proposed approach to meeting the project goals and deliverables. ENGEO will advance the project through a milestone-based process that integrates hydraulic modeling, grading refinement, geotechnical engineering, and regulatory coordination from the outset. Although the tasks will generally be completed chronologically, there will likely be some overlap in terms of scheduling as milestones are achieved and additional information becomes available as result of initial studies.

Scope of Services

Task A. Project Coordination

Project manager, Randy Hildebrant, will lead coordination efforts, serving as the central point of contact to maintain continuous technical and administrative alignment between our multidisciplinary team, District staff, and regulatory agencies. Under Randy's leadership, the following tasks provide the oversight necessary to track project milestones, manage budgetary performance, and proactively resolve complex site issues as they arise.

Deliverables: Meeting agenda and notes.

Task A.2 Project Update Meetings with District

Going forward, we will coordinate monthly project update meetings with the District to discuss budget, schedule, and project issues. A meeting agenda will be provided prior to each meeting, and meeting notes will be sent after each meeting.

Deliverables: Meeting agenda and notes.

Task A.3: Meetings with Stakeholders and Agencies

We will coordinate with stakeholders, resource agencies, and consultants engaged in other aspects of the Santa Rosa Creek Trail and Streambank Restoration Project (six meetings assumed).

Task A.4: CCSD Board and Other District Meetings

Randy will also plan to attend two CCSD Board meetings (or other District meetings, as they arise).

Task A.5: Monthly Budget and Schedule Update

At the end of each month, our accounting department will provide the District with an invoice including billing for the month, billing to date, remaining total budget, and remaining budget per task. We will also provide a schedule update charting Project progress to date.

Deliverables: Monthly status and budget reports.

Task A.6: Project Schedule

Following the kick-off meeting, we will prepare a detailed project schedule which will chart the timeline of the tasks described below.

Deliverables: Project schedule.

Task B. Preliminary Design

The Preliminary Design phase integrates site-specific field data with engineering analysis to establish a defensible foundation for streambank stabilization. By conducting a topographic survey, geotechnical subsurface evaluation, and 2D hydraulic modeling, this effort will identify feasible solutions which are consistent within the Fiscalini Ranch Preserve restoration efforts.

Task B.1: Study Area Identification

In consultation with the District, we will identify an area that is likely to be impacted by the project, including the streambed corridor, streambank, staging area, access road, and any other area of where physical impacts could occur. This study area will be used in the following tasks to inform project design, project impacts, and in preparation of technical reports. The study area will be updated as necessary following the geotechnical evaluation and/or hydraulic modeling.

Task B.2: Topographic Survey

A topographic survey will be provided by MBS Land Surveys. They will develop a one-foot topographic contour map covering approximately 0.75 acres in the creek and adjacent trail frontage, establish NAD 83/NAVD 88 survey control with control points, and provide detailed mapping of utilities, grade breaks, vegetation, hardscape, and streambank features. MBS will also collect ten hydraulic cross sections within the channel bed to support the hydraulic modeling effort, and will provide survey support for other technical studies and tree surveys as needed.

Deliverables: Topographic survey.

Task B.3: Geotechnical Evaluation

The United States Geological Survey (USGS, 2014) has mapped the surficial deposits as alluvial fan and fluvial deposits (Qal) with the adjacent bedrock as Late Cretaceous Sandstone of Cambria (Kfg). The County of San Luis Obispo has mapped the Qal as moderate potential for liquefaction. We assume that evaluation of liquefaction, lateral spread, and seismic stability is beyond the scope of this project.

To provide geotechnical engineering parameters to help aid in the design of the streambank stabilization, we will perform one hand auger boring at roughly the center of the eroded area to a maximum depth of 12 feet or drilling refusal, whichever occurs first. Samples will be collected using a hand-operated drive sampler. In addition, we will collect one bulk sample from the face of the streambank.

We will transport our samples to our laboratory where samples collected from the boring will be tested for moisture content and density. We will remold the bulk sample to a similar moisture content and density of the in-situ soil and perform a direct shear test in addition to a sieve analysis and Atterberg Limits.

Following our field exploration and laboratory testing, we will perform static slope stability analysis using common values of import fill assuming a quarry source and the values from our laboratory testing for native soil.

We will provide a letter report describing our field exploration, laboratory testing, analysis, and subsurface conditions and provide recommendations for slope inclination and grading. The letter report will also include our laboratory test results and boring log. We assume that stabilization will include grading and slope armoring, either by stone or plant materials, or a combination thereof. Our letter report will be signed and stamped by a California licensed Geotechnical Engineer.

Deliverables: Geotechnical Report.

Task B.4: Hydrologic & Hydraulic (H&H) Analysis

We will refer to the hydrology analysis that was completed as a part of the Fiscalini Ranch EIR to obtain peak flows in Santa Rosa Creek. The hydrology that was used in the Fiscalini Ranch EIR is based on the Hydraulic Analysis for West Village, completed for the County of San Luis Obispo by Questa Engineering (2002), which derives peak flows in Santa Rosa Creek at the Highway 1 Bridge for the 10-, 50-, 100- and 500-year annual recurrence intervals (ARIs). The Highway 1 Bridge is approximately 1,200 feet upstream of the Project location.

Because the purpose of the Project is bank stabilization as opposed to flood control or mapping, determining the exact flow for a given ARI is not critical to the design. As such, we will utilize the 10- and 100-year flows from Questa Engineering (2002) in our hydraulic model, and additionally model a "bank-full" condition which is when the highest erosive velocities are likely to occur.

We will develop a two-dimensional (2D) hydraulic model using the HEC-RAS (Hydrologic Engineering Center's River Analysis System) developed by the U.S. Army Corps of Engineers to evaluate design alternatives for the post-project condition. The hydraulic model will focus on the 150-foot reach in the eroded area, but will extend upstream so model boundaries do not influence flow patterns within the area of interest and to allow velocities to fully develop before reaching the project reach. The velocities associated with various ARI design storms will be evaluated to identify critical erosion thresholds related to bank instability and to evaluate potential impacts associated with various design alternatives.

Results will include estimates of velocities, depths, and water surface elevations, which will be the basis of conceptual design alternatives for slope stability measures and erosion protection. The study will help identify a likely scour envelope and appropriate reach for other technical studies. The results will also be used to analyze potential impacts to the trail, adjacent riparian habitat, and sensitive aquatic and terrestrial species.

The deliverable for this task will be a Hydrologic and Hydraulic (H&H) Summary Memorandum, that summarizes the methods used, results, and the conceptual design alternatives for the stabilization design. The report will be submitted digitally and in hard copy form if requested.

Deliverables: H&H Summary Memorandum.

Task B.5: Preliminary Basis of Design Design Report

The Preliminary Basis of Design Report (PBDR) serves as the primary decision-making document, transitioning the project from initial analysis to a selected stabilization strategy. Hydraulic findings will be integrated with geotechnical evaluation to confirm slope stability, seepage resistance, settlement performance, and constructability of the proposed stabilization design. We will evaluate a range of alternatives that prioritize the long-term protection of the sewer trunk line and the trail while adhering to the specific land-use constraints of the Fiscalini Ranch Preserve. Where appropriate, bioengineered stabilization and native vegetation strategies will be incorporated to enhance riparian function while maintaining structural integrity.

A key technical focus of this phase is establishing the appropriate longitudinal limits for the project; we will analyze the creek's geomorphology so stabilization efforts tie into the existing 2005 improvements and extend far enough downstream to prevent flanking or future streambank loss. Design alternatives will be screened for consistency with the 2003 Conservation Easement, the 2009 Master Plan FEIR, and the 2012 Coastal Development Permit. This evaluation will also incorporate stakeholder input, including the recent 2025 correspondence from the Friends of the Fiscalini Ranch Preserve, so the preferred design is both permissible and community-aligned. The PDR will include a preliminary plan and profile, the advantages and disadvantages of the selected stabilization method, the recommended construction approach, estimated project cost, constraints, permit requirements, and easement requirements. We will also conduct an early review of potential impacts and constraints. The PDR will provide the District with a clear roadmap for the subsequent 65% design phase, and will be used for CEQA clearances and resource agency permitting.

Deliverables: Electronic PDF copy of draft Preliminary Design Report.

Task B.6: Preliminary Design Meeting with CCSD

Following the draft PDR submittal, a review meeting with the District will be held to confirm the preferred stabilization alternative, construction methodology, and budget. District comments will be integrated into the finalized conceptual layout to establish the design basis.

Deliverable: Electronic PDF copy of final Preliminary Design Report.

Task C: Technical Studies

Task C.1: Biological Resources Assessment

Rincon will prepare a Biological Resources Assessment (BRA) to document baseline biological conditions and evaluate the potential for sensitive habitats and special status species within the project area. The BRA will rely on background research, review of the 2009 Certified EIR, desktop vegetation and habitat mapping, and a reconnaissance level field survey to identify terrestrial and aquatic resources, assess habitat suitability, and inventory species observed or potentially occurring within and near the project footprint.

The BRA will characterize sensitive biological resources within a one mile buffer of the project footprint. Where potential impacts are identified, Rincon will develop avoidance, minimization, and compensation measures sufficient to support CEQA review and subsequent regulatory permitting. The analysis will also provide the level of technical detail needed to assist the U.S. Army Corps of Engineers in initiating consultations with USFWS and NMFS under Section 7 of the ESA and will help refine measures to protect federally listed species and critical habitat.

Deliverables: Administrative Draft, Draft, and Final Biological Resources Assessment Report, each including one round of review and revisions, with the Final report approved by CCSD for use in permit applications.

Task C.2: Aquatic Resources (Wetland) Delineation

Rincon will complete an Aquatic Resources Delineation (ARD) to define the limits of Waters of the U.S. and State within the project reach, including the ordinary high water mark, bank edges, riparian boundaries, and any wetlands, using current USACE and State Water Board guidance.

The delineation will quantify potential temporary and permanent impacts for the USACE Section 404 permitting process and provide the regulatory jurisdictional mapping needed to support USACE, RWQCB, and CDFW permit applications. These results will also guide the design team in minimizing the project footprint within the active channel to reduce mitigation requirements.

Deliverables: Administrative Draft, Draft, and Final Aquatic Resources Delineation Report, each including one round of review and revisions, with the Final report approved by CCSD for permit applications.

Task C.3: Cultural Resources Assessment

Rincon will prepare a Cultural Resources Assessment (CRA) to identify archaeological and historical resources that could be affected by the project and to support both CEQA review and Section 106 coordination required for USACE permitting. The assessment will define the Area of Potential Effects (APE), conduct a California Historical Resources Information System (CHRIS) records search, review cultural resource databases, perform Native American Heritage Commission Sacred Lands File queries, and carry out outreach to tribes and local interested parties.

Rincon will also complete a geoarchaeological desktop review and a field survey of the project corridor to evaluate the potential for cultural resources within the APE. Findings will be compiled into a joint CEQA- and Section 106 compliant CRA Report that includes resource mapping, documentation of outreach efforts, and recommendations for avoidance or minimization measures if needed. The final report will be formatted to meet USACE and Office of Historic Preservation standards and will be filed with the appropriate Information Center.

Deliverable: Administrative Draft, Draft, and Final Cultural Resources Assessment Report, each including one round of review and revisions, with the Final report approved by CCSD for permit applications.

Task C.4: Air Quality and Greenhouse Gas Analysis (Optional)

Given the project's limited scope, comprising approximately 150 linear feet of bank stabilization, and the short-term duration of the construction phase, project-related emissions are not anticipated to exceed the San Luis Obispo County Air Pollution Control District (SLOAPCD) significance thresholds.

Consequently, a standalone Air Quality and GHG technical study is not recommended at this stage. However, to support a defensible administrative record for the CEQA process, a quantified CalEEMod analysis can be performed as an optional task to confirm these findings; this task is not included in our fee estimate.

Task D: CEQA Determination

Rincon has identified two potential pathways to complete the CEQA process: (1) an Addendum to the Certified EIR and (2) an IS-MND. The CEQA determination will be based on the results of the technical analysis performed under Task C. After completion of Task C, Rincon will provide a recommendation to the CCSD, before starting the CEQA document.

Task D.1: CEQA Process

Option #1 - CEQA Addendum (Section 15164): In accordance with Section 15164 of the CEQA Guidelines, a lead agency may prepare an addendum to a previously certified EIR if only minor changes or additions are necessary. Rincon expects that impacts on biological resources pose the greatest environmental hurdle; however, the project appears similar to improvements anticipated in the 2009 Fiscalini Ranch Master Plan Certified EIR.

This pathway involves conducting research to confirm there are no new significant impacts or changes in circumstances requiring major revisions to the Certified EIR. The Addendum will evaluate all required CEQA topics to determine if the project has a different degree of impact than the original analysis and will address one round of consolidated District comments. Per CEQA Guidelines, the Addendum will not be separately circulated for public comment.

Option #2 - Initial Study-Mitigated Negative Declaration (IS-MND): If a standalone document is required, Rincon will prepare an IS-MND consistent with the CEQA Appendix G Environmental Checklist. This evaluation will summarize the biological and cultural results from Task C and incorporate ENGEO's geotechnical and hydraulic reports to identify seismic, soil, and flooding constraints. The analysis will address Aesthetics, Hazards, Wildfire, and a qualitative Transportation/VMT analysis, while a desktop paleontological assessment will include a records search from the Natural History Museum of Los Angeles County. Construction noise and vibration will be analyzed at nearby sensitive receptors per Town of Cambria guidelines.

This pathway includes the preparation of Preliminary, Administrative, and Screencheck Drafts, followed by a 30-day public review period. Rincon will prepare formal Responses to Comments and a Mitigation Monitoring and Reporting Program (MMRP) to document compliance with all identified avoidance and minimization measures. If requested by the District, Rincon will facilitate compliance with Assembly Bill 52 (AB 52) by providing a consultation assistance package that includes up to 10 drafted notification letters, a correspondence tracker, and legislative guidance to navigate the mandatory tribal response window.

The fees provided in our fee proposal represent a "worst-case" scenario, assuming the project requires the more intensive Initial Study-Mitigated Negative Declaration (IS-MND) and the filing of a Notice of Determination (NOD). Should the preliminary technical studies support the use of a more streamlined EIR Addendum, the associated level of effort and total project costs will be reduced accordingly.

Deliverables: An email memorandum detailing the FEIR consistency evaluation, the Draft and Final EIR Addendum **OR** *the full IS-MND package (including Administrative, Public Review, and Final versions, the MMRP, and Responses to Comments).*

Rincon will also prepare and file the Notice of Intent (NOI), Notice of Completion (NOC), and Notice of Determination (NOD). (Optional) AB 52 assistance package with up to 10 drafted AB 52 notification letters, a correspondence tracker, and applicable legislation.

Task E: Permit Compliance

Successfully navigating the complex regulatory landscape of the Central Coast requires a blend of technical precision and established agency rapport. Our team views the permitting process as the critical path to project delivery rather than a final administrative hurdle.

We maintain active, professional relationships with the U.S. Army Corps of Engineers, the Central Coast Regional Water Quality Control Board (Region 3), and the California Department of Fish and Wildlife (Region 4). This history of collaboration allows us to anticipate agency-specific concerns, such as specific mitigation requirements or bioengineering preferences, long before applications are submitted.

Task E.1: US Army Corp of Engineers: 404 Permit

In the interest of planning, Rincon will operate under the assumption that features within each project site are subject to the jurisdiction of the Army Corps of Engineers (Corps). Once the wetland delineation has been completed, this assumption will be revisited, and the permitting strategy adjusted as needed. Based on the project scope, Rincon anticipates that project activities will qualify for coverage under Nationwide Permit (NWP) 13 – Bank Stabilization, which is thought to be the most applicable pathway for compliance with Section 404 of the Clean Water Act.

Rincon will prepare permit application packages for submission to the Corps based on information available from the site plan. The permit application packages will address potential impacts to Corps and RWQCB jurisdiction and the necessary permit requirements, including:

- Basic notification requirements as to site location; project description; and type and amount of fill in potentially jurisdictional areas;
- Appropriate plan and cross-sectional view figures that show proposed impacts to jurisdictional areas;
- Information to support a determination that the project will not affect cultural resources, based on the cultural resources report prepared for project approval under the California Environmental Quality Act (CEQA);
- Information to support an informal consultation with the U.S. Fish and Wildlife Service, or if supported by substantial evidence, determination that the project will have no effect on endangered species;
- Section 404 delineation map based on a site visit conducted by Rincon staff;
- Proposed compensatory mitigation for any loss of jurisdictional areas;
- Anticipated schedule for project construction; and
- Information regarding post-construction stormwater management based on the project's stormwater management plan.

Rincon will act as the agent during the permitting process. Typically, the Corps may request a site visit to discuss the proposed project and potential impacts on areas within their jurisdiction.

Task E.2: US Fish and Wildlife Service or National Marine Fisheries Service: Section 7

While the USACE acts as the lead federal agency for Section 7 consultation, they require the applicant to provide the technical initiation package. Rincon will incorporate a specific effects analysis for CRLF and Steelhead into the Biological Resources Assessment (Task C.1) to fulfill USFWS and NMFS requirements. We anticipate the BRA will support a "may affect, not likely to adversely affect" determination and will include appropriate measures from the Habitat Plan.

Our team will serve as the technical point of contact, coordinating with the USACE and responding to inquiries as federal conservation measures are finalized. We will also review these measures, such as work-window restrictions, for compatibility with the project's construction schedule and budget.

Task E.3: Regional Water Quality Control Board: 401 Certification

Due to the need for a CWA Section 404 permit, issuance of a Water Quality Certification (WQC) from RWQCB is also required to achieve compliance with Section 401 of the CWA.

This task involves preparation and submittal of an application for WQC, including the information listed under Task E.1 as well as the ARD Report (Task C.2), a Tier 1 Alternatives Analysis Memorandum (unless it can be demonstrated that the project is an Ecological Restoration and Enhancement Project), and, if applicable, documentation of compensatory mitigation for unavoidable habitat impacts.

The application will also include measures that will be employed to avoid and minimize water quality impacts from sedimentation during construction and an evaluation of impacts to beneficial uses as specified in the Basin Plan. Following review by ENGEO and CCSD, Rincon will submit a "draft" application to the RWQCB in advance of the required pre-application meeting. Following the pre-application meeting, the "draft" application may be revised prior to submittal of the final application.

Task E.4: CA Department of Fish and Wildlife (CDFW): Streambed Alternation Agreement

CDFW requires any person who may affect the bed or bank of a perennial, intermittent, or ephemeral river, stream, or lake to provide notification via a California Fish and Game Code Section 1602 Lake and Streambed Alteration Agreement (LSAA). This task involves preparation and submittal of a notification for LSAA, including the information listed in Task E.1 as well as the BRA Report (Task C.1), ARD Report (Task C.2), and, if applicable, documentation of compensatory mitigation for unavoidable habitat impacts. F

ollowing review by ENGEO and CCSD, Rincon will submit the notification package to the CDFW through their online system, Environmental Permit Information Management System (EPIMS).

Task E.5: Caltrans: Encroachment Permit (Optional)

Based on the project location approximately 500 feet west of Highway 1, we do not anticipate the need for a Caltrans Encroachment Permit. The project footprint and staging areas are expected to remain within the Fiscalini Ranch Preserve and District-controlled areas, avoiding direct interface with the State Highway System.

However, if final construction logistics, such as heavy equipment mobilization or temporary traffic control, require the use of the Highway 1 shoulder or ROW, our team can provide the necessary coordination with Caltrans District 5 to secure an Encroachment Permit. This task is currently considered "as-needed" and will only be activated if the selected contractor's access plan necessitates state-managed land.

Task E.6: Coastal Development Permit Compliance (Optional)

The District will lead the coordination with the County of San Luis Obispo for purposes of Coastal Development Permit compliance. We assume our direct involvement in the permitting process is not required at this time.

Task F: Project Plans, Specifications, and Estimate

Task F.1: 65% Design

During the 65% Design phase, our team will advance the preliminary concepts discussed in early project coordination meetings and in the Preliminary Design Report into a cohesive design. The modeling and grading will proceed iteratively to evaluate design alternatives for the 65% design. Two-dimensional hydraulic modeling will directly inform decisions about armoring, bank grading, and other erosion protection needs. Rather than modeling after the fact, hydraulic results will actively shape the design as it evolves.

The 65% Design submittal package will include 65% engineering plans (including a cover sheet, plan, and profile sheets with utilities) and a detailed cost estimate. The plans will show proposed armoring, preliminary grading, both the existing and abandoned sewer trunkline, other utilities, restoration and planting areas, and conceptual erosion and sediment control. The plan cover sheet will also include a detailed materials list. The 65% Design package will be issued to the District, stakeholders, and project consultants to facilitate discussions regarding project constraints, preferred alternatives, and to identify strategies to progress to the 95% phase of design.

Deliverables: Three (3) hard copies of reduced (11"x17") plans and one (1) electronic copy of plans, and one (1) electronic copy of cost estimate.

Task F.2: 95% Design

Prior to starting the 95% Design, we will meet with the District to discuss the 65% design. Following review and comment on the 65% package, we will advance the preferred configuration to 95% design. This milestone will refine geometry, confirm hydraulic performance, update earthwork quantities and cost estimates, and incorporate stabilization details and regulatory documentation necessary to support permitting.

The 95% Design package will include a complete submittal, including plans, specifications and contract documents, and updated cost estimates. We will also provide a refined Final Basis of Design Report which explains the rationale for the selected alternative, demonstrates regulatory compliance, and summarizes how hydraulic performance, habitat considerations, constructability, and agency feedback informed the final design. The Final Basis of Design report will be signed by both a Geotechnical Engineer and Professional Engeineer with an extensive background in riparian restoration techniques, licensed in the State of California.

Deliverables: Three (3) hard copies of reduced (11"x17") plans, three (3) hard copies of the specifications and contract documents and (1) electronic copy of the plans, specifications, contract documents and cost estimate (searchable PDFs), and one (1) electronic copy of Final Basis of Design Report.

Task F.3: 100% Design

Following the 95% Design, we will incorporate comments from the District and integrate concerns from stakeholders to provide a final 100% complete set, signed by the licensed civil engineer in charge of the project.

Deliverables: Five (5) hard copies of reduced (11"x17") plans, three (3) hard copies of the common specifications and contract documents and cost estimate, one (1) electronic copy of the plans, specifications, contract documents and cost estimate (searchable PDFs), (1) copy of AutoCAD drawing files.

Work Schedule

Task Schedule

Subtask Schedule

Project Task	Task Start Date	Task Duration (Months)	2026									2027		
			Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
Task A. Project Coordination	April 2026	12												
A.1 Kick-Off Meeting with District	April 2026	1												
A.2 Project Update Meetings with District	Monthly	12												
A.3 Meetings with Stakeholders and Agencies	As Needed	6												
A.4 CCSD Board and Other District Meetings	As Needed	2												
A.5 Monthly Budget and Schedule Updates	Monthly	12												
A.6 Project Schedule	April 2026	1												
Task B. Preliminary Design	April 2026	4												
B.1 Study Area Indentifaction	April 2026	1												
B.2 Topographic Survey	May 2026	1												
B.3 Geotechnical Evaluation and Report	May 2026	1												
B.4 Hydrologic and Hydraulic Analysis and Memorandum	May 2026	1												
B.5 Preliminary Design Report	June 2026	1												
B.6 Preliminary Design Meeting with District	June 2026	1												
Task C. Technical Studies	April2026	3												
C.1 Biological Resources Assessment	May 2026	2												
C.2 Aquatic Resources (Wetland) Delineation	May 2026	2												
C.3 Cultural Resources Assessment	June 2026	1												
Task D. CEQA Determination	July 2026	6												
D. 1 CEQA Process	July 2026	6												
Task E. Permit Compliance	August 2026	6												
E. 1. US Army Corp of Engineers: 404 Permit	August 2026	6												
E.2 US Fish and Wildlife Service: Section 7	October 2026	3												
E.3 Regional Water Quality Control Board: 401 Certification	October 2026	4												
E.4 CDFW: Streambed Alternation Agreement	October 2026	4												
Task F. Project Plans, Specifications, and Estimate	July 2026	5												
F.1 65% Design Package	July 2026	2												
F.2 95% Design Package	January 2027	2												
F.3 100% Design Package	March 2027	1												

Cost Proposal

* Other Direct Costs include lab testing, mileage, and printing

Project Task	Estimated Hours										
	Josef Tootle Principal Engineer	Jonathan Buck Associate Engineer	Randy Hildebrant Associate Engineer	Chase Hemming Senior Engineer	Natasha Marsden Staff Engineer	Senior CAD Specialist (Includes AutoCAD Unit)	Project Assistant	MBS Land Surveys Surveying Team (10% Markup)	Rincon Consultants CEQA and Permitting Team (10% Markup)	Other Direct Costs (ODC)*	Cost Estimate
Hourly Rates	**$440/hour**	**$360/hour**	**$360/hour**	**$305/hour**	**$245/hour**	**$237/hour**	**$160/hour**	**Total Fee**	**Total Fee**	**Total Fee**	
Task A. Project Coordination											
A.1 Kick-Off Meeting with District		1	2	1					$1,100		$2,485
A.2 Project Update Meetings with District			12					$4,950			$9,270
A.3 Meetings with Stakeholders and Agencies			6								$2,160
A.4 CCSD Board and Other District Meetings			4								$1,440
A.5 Monthly Budget and Schedule Updates			6				12				$4,080
A.6 Project Schedule			2	2	2						$1,820
Traveling										$450	$450
Task A. Total											**$21,255**
Task B. Preliminary Design											
B.1 Study Area Indentifaction		2	2			1			$5,500		$7,177
B.2 Topographic Survey			2	2	2			$12,980			$14,800
B.3 Geotechnical Evaluation and Report	2	2	24			2	2				$11,034
Lab Testing										$3,400	$3,400
B.4 Hydrologic and Hydraulic Analysis and Memorandum	2	8		16	40		2				$18,760
B.5 Preliminary Design Report	2	8	8	8	16	16	2				$17,112
B.6 Preliminary Design Meeting with District		2	2								$1,440
Task B. Total											**$73, 723**
Task C. Technical Studies											
C.1 Biological Resources Assessment									$16,500		$16,500
C.2 Aquatic Resources (Wetland) Delineation									$22,000		$22,000
C.3 Cultural Resources Assessment									$22,000		$22,000
Task C. Total											**$60,500**
Task D. CEQA Determination											
D. 1 CEQA Process		8			8				$118,800		$123,640
Task D. Total											**$123,640**
Task E. Permit Compliance											
Permit Compliance		16							$35,200		$40,960
Task E. Total											**$40,960**
Task F. Project Plans, Specifications, and Estimate											
F.1 65% Design Package	1	16	4	2	16	48					$23,546
F.2 95% Design Package	1	8	4	2	8	16					$11,122
F.3 100% Design Package	1	8	4	2	4	4					$7,298
Task F. Total											**$41,966**
Total											**$362,044**

Appendix

Added on 4/8/2026

Randy Hildebrant, PE, GE
Associate

Randy supports a wide range of public and private projects, including transit facilities, ports and harbors, commercial and residential developments, bridges, schools, and landslide stabilization. Randy routinely leads projects from field exploration through design, construction support, and project management.

Select Project Experience

Dangermond Preserve/Cojo-Jalama Ranch—Lompoc, CA

Project Manager. Randy has overseen construction, design, bidding, and construction management for multiple storm damage repairs along Cojo Bay Road, including a new prefabricated bridge, stock pond restoration, and roadway slope and landslide mitigations following the 2017 and 2023 storm events. Since 2009, ENGEO has provided ongoing geotechnical, geologic, permitting, and construction oversight services for the property, including slope repairs, erosion control, and culvert replacements. ENGEO has also supported Coastal Commission coordination, land dedication efforts, and understands the unique permitting, construction, and logistical challenges of work within the Dangermond Preserve.

Ocean Blvd Improvement—Pismo Beach, CA

Geotechnical Engineer. Randy is leading revisions to the design, plans, and bid documents for the Component B Storm Drain Repair portion of the Ocean Boulevard coastal bluff stabilization project in Pismo Beach. ENGEO provided coastal engineering and geotechnical services to address storm related bluff erosion threatening roadway and utilities, incorporating storm drain repairs and a replacement beach access stairway. ENGEO prepared plans, specifications, cost estimates, supported permitting with Caltrans and the California Coastal Commission, and provided construction support through project completion in 2023, with FHWA funding administered by Caltrans. ENGEO is currently designing additional bluff stabilization segments and continues to support the City on similar coastal erosion projects.

Morro Bay Revetments and Seawalls Inspection and Assessment—Morro Bay, CA

Project Manager. Randy led the assessment of the City of Morro Bay's harbor seawalls and revetments, originally constructed in the early 1940s, providing conceptual recommendations for repair, refurbishment, and replacement with associated cost estimates. ENGEO, teamed with BRADY, completed field investigations including visual assessments, ground-penetrating radar, hand auger borings, and potholing to evaluate existing conditions.

Tuscan Avenue Landslide—Morro Bay, CA

Project Manager. Randy provided geotechnical engineering guidance. Tuscan Avenue is set at the top of a steep, east facing slope. During the 2022-2023 winter season, a landslide formed on the east side of Tuscan Avenue, displacing a utility pole and damaging the pavement and curb. The slope failure threatened the roadway, a City sewer line, and a utility pole. ENGEO provided field reconnaissance and recommendations for further study for coordination with the County of San Luis Obispo who owned the parcel.

EDUCATION

MS Geotechnical Engineering, UC Berkeley, 2010

BS Civil Engineering, Cal Poly San Luis Obispo, 2009

EXPERIENCE

Years with ENGEO: 16

Total Years of Experience: 16

REGISTRATIONS & CERTIFICATIONS

Geotechnical Engineer, CA-GE 3090

Civil Engineer, CA-CE 79940

Hazmat Certified as Required by USDOT and IATA, CA

Radiation Safety Officer, CA 18577

SPECIALIZATIONS

- Compressible Soils
- Foundation Design
- Groundwater Modeling
- Hillside Grading
- Liquefaction Analyses
- Pavement Evaluation and Design
- Slope Stability

AFFILIATIONS

APWA American Public Works Association

Added on 4/8/2026

Josef J. Tootle, PE, GE
Principal

Joe has more than 30 years of experience in geotechnical engineering and project management, with expertise in levee design, flood control, seismic analysis, grading, and foundations. He has led hundreds of major infrastructure projects involving over 100 million cubic yards of earthwork and served on the California DWR committee that developed Urban Levee Design Criteria under Senate Bill 5.

Select Project Experience

Gale Ranch, Main Branch Alamo Creek—San Ramon, CA

Project Manager. Joe managed hydrologic and hydraulic analyses and floodplain delineation for the Dougherty Valley/Gale Ranch master planned community. The work stabilized the heavily eroded Main Branch of Alamo Creek—where unstable banks threatened planned bridge crossings—through restoration measures including an active overbank floodplain and rock vortex weir grade control structures. The project improved flood control, channel stability, and habitat value while supporting development of over 11,000 residential units and associated infrastructure, and received a 2006 CELSOC Engineering Excellence Merit Award.

Rohnert Park Regional Hydrology and Floodplain Delineation—Rohnert Park, CA

Principal-in-Charge. Joe provided quality control and oversight for HEC RAS and HEC HMS hydrologic and hydraulic modeling of the Hinebaugh and Copeland Creek watersheds which have historically flooded areas along Rohnert Park Expressway. The study evaluated peak flows and flood reduction alternatives, including regional detention basins, and delineated the post project 100 year floodplain. ENGEO prepared multiple FEMA Letters of Map Revision (LOMRs) and certified revised FIRMs based on updated hydrology, hydraulics, and site modifications.

Lauterwasser Creek Bank Stabilization and Restoration—Orinda, CA

Principal-in-Charge. Joe provided quality control and oversight for the design reports for the restoration of Lauterwasser Creek in Orinda. The project included bank stabilization and the removal of a weir structure in the channel downstream of the Miner Road alignment based on a geomorphology assessment. The project significantly reduced sedimentation issues in the new culvert and improved fish passage within the area of the new culvert. The plans and specifications for the project were approved by the San Francisco Bay RWQCB, USACE, CDFW, USFWS, and the City of Orinda.

Buckeye Creek Hydrologic/Hydraulic Study—Los Altos Hills, CA

Principal-in-Charge. Joe provided quality control and oversight for hydrologic and hydraulic modeling and conceptual design supporting restoration of Buckeye Creek. ENGEO evaluated erosion and flooding issues within Foothills Park, where the creek had been historically modified. The work included watershed modeling, sediment source inventories, removal of in line sediment basins, addition of floodplains, flow realignment toward historic conditions, and incorporation of grade control structures to reduce erosion potential.

EDUCATION

MS Civil Engineering, University of California at Berkeley, 1995

BS Civil Engineering, San Jose State University, 1994

EXPERIENCE

Years with ENGEO: 27

Total Years of Experience: 31

REGISTRATIONS & CERTIFICATIONS

Geotechnical Engineer, CA-GE 2677

Civil Engineer, CA-CE 58282

SPECIALIZATIONS

- Compressible Soils
- Construction Observation
- Creek Stabilization/ Restoration
- Flood Control Structures
- Grading Project Management
- Hillside Grading
- Levee Analyses
- Plans, Specifications, and Estimates

AFFILIATIONS

FMA - Floodplain Management Association

Added on 4/8/2026

Jonathan D. Buck, PE, GE, LEED AP, QSD
Associate

Jon has more than 28 years of experience in the civil engineering industry related to geotechnical and water resources engineering. He specializes in creek stabilization and restoration, geomorphology of creek bed and banks, stormwater and erosion control management, geotechnical feasibility of earth dams and engineered slopes, deep foundation systems for bridge structures, hydrologic analysis of watersheds and wetlands, and complex permitting and regulatory issues.

Select Project Experience

Page Mill Rd./Matadero Creek Repair—Los Altos Hills, CA

Project Manager. ENGEO supported the Town of Los Altos Hills with design of creek and bank stabilization along Matadero Creek downstream of Page Mill Road, addressing an active headcut affecting the roadway and located on a Caltrans right-of-way. The work included a rock vortex weir, a soldier pile retaining wall, biotechnical stabilization, and HEC RAS hydraulic analysis. ENGEO prepared plans, specifications, and cost estimates, obtained multi agency permits, and construction was substantially completed in 2025.

Salinas River Levee Emergency Repair—Castroville, CA

Project Manager. ENGEO provided permitting support, construction plans, and geotechnical testing and observations for repair of a 1,000 foot levee along the Salinas River Lagoon that was damaged during the 2022–2023 storm season due to overtopping. ENGEO developed a levee repair plan accepted by the U.S. Army Corps of Engineers and the Central Coast Regional Water Quality Control Board and supported construction through completion. The project was funded by FEMA and completed in 2023.

Front Street Repair (FEMA)—Danville, CA

Project Manager. Jon led the multidisciplinary project team, completing federal, state, and local permitting and preparing plans and specifications for a soldier pile and lagging wall with tie-back anchors, along with creek restoration at the wall toe extending into the active channel. Where soldier pile walls were not feasible, pin piles were used. Jon supported three project phases (2007, 2017, and 2023), with the 2007 and 2023 phases funded by FEMA. Plans and specifications were approved by the San Francisco Bay RWQCB, USACE, CDFW, USFWS, and the Town of Danville.

Reed Creek Emergency Repair—Mill Valley, CA

Associate Engineer. Jon led the design and permitting effort. ENGEO provided bank stabilization recommendations for a 40-foot reach of Reed Creek in Mill Valley California, where bank erosion was causing distress to an adjacent public road after large storms occurred in early 2023. The project consisted of creek dewatering, installation of rock toe stabilization, re-contouring of creek banks, and placement of native plantings. The recommendations were approved through the emergency permit process by the United States Army Corps Engineers and other resource agencies.

EDUCATION

MS Civil Engineering, Arizona State University 2002

BS Civil Engineering, Arizona State University 2001

BS Urban Planning, Arizona State University 1992

EXPERIENCE

Years with ENGEO: 22

Total Years of Experience: 28

REGISTRATIONS & CERTIFICATIONS

Geotechnical Engineer, CA-GE 2958

Civil Engineer, CA-CE 67302

CASQA QSD Certified, CA 00230

LEED AP CA

SPECIALIZATIONS

- Creek Stabilization/ Restoration
- Flood Control Structures
- Stormwater Management
- Geomorphology
- Hydraulic Engineering
- Scour Evaluation
- Water Resources

AFFILIATIONS

ASCE American Society of Civil Engineers

Added on 4/8/2026

Chase R. Hemming, PE
Senior Engineer

Chase focuses on hydrology and hydraulics, with expertise in numerical modeling, coastal processes and sea level rise, flood protection, creek stabilization, post-fire mitigation, construction dewatering, and erosion control. Chase works on hazard mitigation projects across California, New Zealand, and Australia, ranging from single-family homes along the shoreline to city-scale developments adjacent to flood-prone water bodies.

Select Project Experience

Magee Preserve Creek Stabilization—Danville, CA

Project Engineer. Chase developed the creek stabilization basis of design report as part of the project's mitigation package. He performed a site reconnaissance to analyze the watershed, creek condition, and geologic hazards. He designed rock grade control structures to mitigate further down-cutting of the active channel and designated areas for floodplain expansion to reduce in-stream velocities and water surface elevations. He created 1D and 2D HEC-RAS numerical models to compare the creek's existing condition and proposed condition 100-year recurrence interval water surface elevations and velocities.

Pier Avenue Stairway—Pismo Beach, CA

Project Engineer. Chase performed multiple site reconnaissance to inspect the shoreline in the vicinity of the Pier Avenue Stairway, including the Margo Dodd Seawall. Based on the stability of the adjacent coastal bluffs, zones of high wave energy, and areas of existing public use, Chase analyzed options to repair, replace, or relocate the aging stairway. In addition, Chase evaluated various stabilization recommendations for the regions upcoast and downcoast of the stairway, which included laying back oversteepened bluffs, infilling sea caves, and applying a tied-back structural skin and carved and colorized architectural coating to the existing Margo Dodd Seawall.

Front Street Repair (FEMA)—Danville, CA

Staff Engineer. Chase supported the water resources services for this project to mitigate for two landslides that occurred on Front Road, in the central business district of The Town of Danville, along San Ramon Creek. The Town of Danville received funding through the Federal Emergency Management Agency (FEMA) to provide repairs to the failing areas.

Alameda County FCWCD Zone 7 Engineering for Emergency Flood Control Repair Program—Livermore, CA

Staff Engineer. Chase supported ENGEO's multi-year emergency geotechnical and water resources consulting services for the Zone 7 Water Agency, following widespread creek bank failures caused by the 2016–2017 winter storms. The project involved repairs at approximately 175 locations throughout the Tri-Valley area, including Dublin, Pleasanton, and Livermore. Chase contributed to the geotechnical design of bank stabilization measures such as log crib walls and willow brush mattresses, helping implement low-impact solutions that minimized environmental disturbance.

EDUCATION

MS Civil & Environmental Engineering University of California, Berkeley 2018

BS Civil Engineering California Polytechnic State University San Luis Obispo 2017

EXPERIENCE

Years with ENGEO: 8

Total Years of Experience: 8

REGISTRATIONS & CERTIFICATIONS

Civil Engineer, CA, CE 91689

SPECIALIZATIONS

- Coastal Engineering
- Creek Stabilization/ Restoration
- Hydraulic Engineering
- Hydrogeology
- Hydrology
- Numerical Modeling
- Post-fire hydrology and mitigation
- Stormwater and Erosion Control
- Water Resources
- Sea Level Rise

AFFILIATIONS

Floodplain Management Association (FMA)

Added on 4/8/2026

Natasha J. Marsden, EIT
Staff Engineer

Natasha focuses on hydrology and hydraulics, with a background in civil design. Her responsibilities include hydrologic and hydraulic modeling, producing engineering drawings using AutoCAD, and preparing calculations, figures, and reports. She has worked on projects involving creek restoration, flood analysis, utility design, and infrastructure protection.

Select Project Experience

Emergency Residential Bridge Repair—Woodside, CA

Staff Engineer. Natasha estimated 100 year design flows from FEMA drainage area curves and developed a 2D HEC RAS model using USGS LiDAR data. By simulating pre and post repair channel conditions, she evaluated velocity, scour potential, and water surface elevations to show repairs would stabilize the eroded bank without increasing flood risk or impacting bridge freeboard. The project consists of emergency repairs to a residential bridge, where severe scour at the southern abutment caused instability and threatened structural failure.

Sunol Boulevard Storm Drain Improvements—Pleasanton, CA

Staff Engineer. Natasha performed hydrologic and hydraulic analyses to support the design of a bypass storm drain outfall, creating a 2D HEC RAS model to assess impacts to Cemetery Creek during the 2 year and 100 year storm events. She produced the project's basis of design report, delivering engineering recommendations that improved system capacity, reduced flood risk, mitigated erosion, and guided future maintenance. The proposed project involves construction of a new storm drain bypass and outfall to improve system capacity and reduce roadway flooding on Sunol Boulevard.

Front Street Repair (FEMA)—Danville, CA

Staff Engineer. Natasha performed post-construction monitoring for a previously repaired creek bank and stabilized slope for evidence of erosion, bank stability, and establishment of vegetation.

Diablo Road Pedestrian Trail—Danville, CA

Staff Engineer. Natasha assisted in preparing cost estimates and plans in AutoCAD Civil3D for trail alignment, creek bank stabilization measures, and remedial grading. The project consists of construction of a 12footwide trail. The preliminary trail alignment is in a narrow strip of land between Diablo Road and Green Valley Creek, with much of the trail within 20 feet of the Green Valley Creek topofbank. A hydraulic analysis was conducted for Green Valley Creek for the pre and post project condition and to provide recommendations for stream restoration.

Solano County Fairgrounds Channel Widening—Vallejo, CA

Staff Engineer. Natasha reviewed another consultant's 1D HEC RAS model and performed supplemental 2D hydraulic simulations in HEC-RAS to evaluate scour potential at key confluences along an existing flood control channel. This analysis identified where erosion protection would be required and informed mitigation recommendations for agency coordination and project advancement. The project consists of channel widening and lowering around the Solano County Fairgrounds area, along with replacement of a box culvert to improve hydraulic capacity and reduce flooding.

EDUCATION

MS Environmental Engineering University of Melbourne, Australia 2025

BS Physics University of California, Los Angeles 2022

EXPERIENCE

Years with ENGEO: 1

Total Years of Experience: 2

REGISTRATIONS & CERTIFICATIONS

Engineer-in-Training (EIT), CA, 185340

AFFILIATIONS

Floodplain Management Association (FMA)

Colby J. Boggs
Principal/Senior Ecologist

RINCON CONSULTANTS

Colby has professional experience as a botanist, ecologist, wetlands specialist, and biological sciences educator and researcher. His duties at Rincon include biological field surveys, habitat and plant community mapping, wetlands assessments, biological resources analyses, construction and mitigation monitoring, conservation planning, regulatory compliance; and preparation of biological reports, environmental documents, and permit applications in support of CEQA, NEPA, Porter-Cologne Water Quality Control Act, California Fish and Game Code, California Coastal Act, Clean Water Act, and State and federal Endangered Species Acts. Colby has worked on multiple projects in the Central Coast region.

Select Project Experience

Bridge Street Bridge Biological Monitoring Services—San Luis Obispo County, CA

Principal Engineer. Prior to construction, Rincon's biologists conducted surveys for nesting birds, California red-legged frog, and Central California Coast steelhead. Rincon's biologists deployed blocknets and captured and relocated 549 fish, of which 55 were steelhead, under challenging conditions. Nesting birds were observed during the project and Rincon's biological monitor and project manager worked with the contractor to develop realistic buffers to protect nesting birds while minimizing construction delays. Rincon's biological monitor worked with the Filippin Engineering construction manager, the City of Arroyo Grande, and the contractor throughout the project to ensure all project permit requirements were followed.

Pismo Creek Scour Repair Project Environmental Compliance Support Services—San Luis Obispo County, CA

Principal Engineer. Rincon provided Caltrans with environmental compliance support services. The project involves the rehabilitation of the southbound U.S. Highway 101 on-ramp bridge from Price Street spanning Pismo Creek at post mile 16.4 in San Luis Obispo County, California. Rincon was tasked with completing all the pre-construction surveys and reporting, installation of block nets to capture and relocate special-status species, completion of Worker Environmental Awareness Program trainings, and on-going compliance site checks and reporting. The scope of work was based on the biological mitigation measures described in the various permits and approvals, including the U.S. Army Corps of Engineers Nationwide Permits 13 and 14, Regional Water Quality Control Board Water Quality Certification, and California Department of Fish and Wildlife Streambed Alteration Agreement, as well as Biological Opinions from the National Marine Fisheries Service Biological Opinion and the U.S. Fish and Wildlife Service Biological Opinion and Programmatic Biological Opinion.

On-Call Environmental Services—San Luis Obispo County, CA

Staff Engineer. Colby provides technical and regulatory guidance and overall QAQC for public works and other infrastructure improvement projects. He provided oversight of emergency permitting, construction monitoring, and mitigation planning for 12 FEMA-funded, storm damage emergency projects, including one project that included debris and sediment removal and riparian vegetation management to facilitate flood conveyance of San Luis Obispo Creek.

EDUCATION

MS Botany, California State University, Chico

BS Ecology and Evolution, University of California, Santa Barbara

EXPERIENCE

Total Years of Experience: 27

REGISTRATIONS & CERTIFICATIONS

Certified Ecologist – Ecological Society of America

California Rapid Assessment Method – CRAM.org

Wetland Delineation Training – Richard Chinn Env.

PERMITS

Rare, Threatened, and Endangered Plant Voucher Collecting Permit No. 2081(a)-23-086-V – CDFW

Christopher Bersbach
Program Manager

RINCON CONSULTANTS

Chris manages and prepares CEQA and NEPA documentation in the California central coast region and technical air quality, greenhouse gas emissions, and noise analyses for public agencies and private sector clients throughout California. He has 18 years of planning experience with an emphasis on environmental planning and technical environmental analysis. His experience includes a wide range of technical environmental and planning studies, including land and infrastructure development projects, urban redevelopment projects, general plans and specific plans, solar power facilities and other energy projects, waste and wastewater management facilities, and other long-range planning projects.

Select Project Experience

San Luis Obispo Creek Bank Stabilization Project near Johnson Avenue—San Luis Obispo, CA

Project Manager. Chris served as environmental project manager for this on-going creek bank stabilization project. In 2022, Rincon completed a pre-construction survey, aquatic species relocation, environmental review under CEQA (IS-MND), worker environmental awareness program (WEAP) trainings, archaeological monitoring, biological monitoring, resource agency notifications, and a project completion report for the emergency repair activities that were conducted for the project in November 2022.

Los Osos Wastewater Treatment Project Air Quality Emissions Reporting Project—San Luis Obispo County, CA

Project Manager. Chris conducted quarterly air quality emissions reporting for stationary and mobile construction equipment and vendor and worker vehicle trips associated with construction of a wastewater collection, treatment, and recycled water reuse system in the community of Los Osos. Rincon prepared quarterly reports during the construction period, which began in June 2012 and ran through May 2015, to ensure project construction emissions remain below levels outlined in the project Construction Activity Management Plan and assess the need for mitigation of construction emissions. Rincon quantified construction emissions from off-road equipment and on-road vehicles, fugitive dust from grading and construction, and emissions from employee vehicle trips and equipment deliveries. The emissions analysis synthesized compiled data describing each piece of construction equipment in use in the CalEEMod land use emissions model.

Water Resource Recovery Facility Environmental Documentation and Permitting—San Luis Obispo, CA

Lead Technical Analyst. Rincon prepared an EIR in support of the City of San Luis Obispo Water Resource Recovery Facility (WRRF) project. The WRRF treats municipal wastewater collected from the City, California Polytechnic State University, and the San Luis Obispo County Airport. The City proposed a number of improvements/ upgrades to the existing 55-acre facility including new equipment installation, demolition of several components, roadway improvements, and new building construction. Rincon prepared the EIR to satisfy the requirements of CEQA-Plus to support application for federal funding under the State Clean Water Revolving Fund.

EDUCATION

MESM, Conservation Planning; Bren School of Environmental Science & Management, University of California, Santa Barbara

BA, Psychology; Brandeis University

EXPERIENCE

Total Years of Experience: 18

Added on 4/8/2026

Michael B. Stanton, PLS
President

Michael has over 40 years of experience in land surveying, primarily in public works projects and land development projects. As owner of MBS Land Surveys, Michael is responsible for directly supervising and managing field and office work. This work may include research, preliminary calculations for control or boundaries, field work, boundary calculations, CAD drafting and quality control review.

Select Project Experience

Chorro Valley SWP Intertie Project—Los Osos, CA

Project Manager. Field survey to create base map for design, including right of way, plotting existing easements, legal descriptions and exhibit maps.

Chimney Rock Road at Franklin Creek Restoration Project —San Luis Obispo County, CA

Project Manager. Field survey to establish control and create base map for design, including topography, pavement cross sections, hydraulic cross sections, right of way, and creating legal descriptions for new easements.

Water Resource Recovery Facility Environmental Documentation and Permitting—San Luis Obispo, CA

Project Manager. Field survey to create maps, legal descriptions, and exhibits for legal proceedings.

Twitchell Dam Landslide Project—Santa Barbara, CA

Principal. Field survey to create base map for erosion mitigation.

Huasna River Bridge Replacement Project—San Luis Obispo County, CA

Principal. Field survey to establish control and create base map for design, including hydraulic cross sections, right of way survey, plotting existing easements, and creating legal descriptions and exhibits.

Nacimiento Water Pipeline T4 Turnout Realignment Project—San Luis Obispo County, CA

Project Manager. Field survey to establish control and create base map for design, including topography, property boundaries, plotting existing easements, and creating legal descriptions for new easements.

MBS LAND SURVEYS

EDUCATION

BS Resource Management, California State Polytechnic University, San Luis Obispo

EXPERIENCE

Total Years of Experience: 45

REGISTRATIONS & CERTIFICATIONS

CA Land Surveyor's Association

CA PLS #5702

Oregon PLS #2700

EXHIBIT B: LIST OF SUBCONTRACTORS

NAME UNDER WHICH SUBCONTRACT IS LICENSED	LICENSE NUMBER	ADDRESS AND PHONE NUMBER OF OFFICE, MILL OR SHOP	SPECIFIC DESCRIPTION SUBCONTRACT
MBS Land Surveys	PLS5702	3559 S. Higuera Street San Luis Obispo, CA 93401	Surveying
Rincon Consultants	Contractors State License 904732	899 Pacific St, San Luis Obispo, CA 93401	Biological Resources, Cultural Resources, CEQA, Permitting

(ATTACH ADDITIONAL SHEETS IF REQUIRED)

EXHIBIT C: PROPOSER'S BUSINESS INFORMATION

All proposers shall submit the information as requested below.

Length of time your firm has been in business:	55 years
Length of time at current location:	9 years
List types and business license number(s):	City of Santa Maria Business License: 33587
California State Contractor's License number:	N/A
Names and titles of all officers of the firm:	Uri Eliahu - President Paul Guerin - CFO Brian Flaherty - Secretary
Is your firm a sole proprietorship doing business under a different name? If yes, please indicate sole proprietorship name and the name you are doing business under:	☐ Yes ☒ No
Please indicate your Federal Tax Number:	94-1748418
Is your firm incorporated?	☒ Yes ☐ No
Name and remittance address that will appear on invoices:	Chase Hemming, PE 2633 Camino Ramon, Suite 250 San Ramon, CA 94583
Physical Address:	2646 Santa Maria Way, Suite 107 Santa Maria, CA 93455

EXHIBIT D: ADDITIONS, DELETIONS AND/OR EXCEPTIONS

Please state any and all Additions, Deletions and Exceptions that you are taking to any portion of this proposal. If not addressed below, then Cambria Community Services District assumes that the vendor will adhere to all terms and conditions listed.

In 3. Performance
Deletion of "and to the best of his/her ability, experience and talent."
In 10. Ownership of Documents
Addition of "Any reuse or modification of our work product by the District (or others) for purposes other than this specific project shall be at the District's sole risk and without liability to Consultant." after section *(a).*
In 11. Indemnification
Addition of "Consultant's aggregate liability hereunder shall be limited by District to $1,000,000 regardless of the legal theory under which such liability is imposed." after section *(a) Indemnification for Professional Liability*
In 11. of Exhibit B Insurance Requirements
Comment: "ENGEO's SIR for Professional Liability insurance is $250,000"

PREFERRED CLIENT FEE SCHEDULE
PROFESSIONAL SERVICES
Effective February 2026

President	$500.00 per hour
Principal	$440.00 per hour
Associate	$360.00 per hour
Subject Matter Expert	$475.00 per hour
Senior	$305.00 per hour
Project	$270.00 per hour
Staff	$245.00 per hour
Assistant	$190.00 per hour
Construction Services Manager II	$245.00 per hour*
Construction Services Manager I	$235.00 per hour*
Senior Field Representative II	$205.00 per hour*/**
Senior Field Representative I	$185.00 per hour*/**
Field Representative	$170.00 per hour*/**
Senior Laboratory Technician	$205.00 per hour
Laboratory Technician	$185.00 per hour
Senior GIS Developer	$220.00 per hour
GIS Developer	$210.00 per hour
Senior GIS Analyst	$215.00 per hour
GIS Analyst	$200.00 per hour
Senior CAD Specialist	$200.00 per hour
CAD Specialist	$190.00 per hour
Network Administrator	$270.00 per hour
Project Assistant	$160.00 per hour

* Two-hour minimum portal to portal and cancellations within 24 hours.
* OVERTIME RATES: Rates will be increased by a factor of 1.5 for all hours worked in excess of eight (8) Monday through Friday, and the first eight (8) hours worked on Saturday. Rates will be increased by a factor of 2.0 for all hours worked in excess of twelve (12) Monday through Friday, all hours worked in excess of eight (8) on Saturday, and all hours worked on Sundays and holidays.
** For Prevailing Wage projects, the hourly rate will be increased by $23.
** Rates will be increased by factor of 1.25 for night-shift hours (hours commencing after 4:00 p.m. or before 4:00 a.m.); rates will be increased by a factor of 1.875 (an additional factor of 1.5) for all night-shift hours in excess of eight (8); rates will be increased by a factor 2.5 for all night-shift hours worked in excess of twelve (12).
Scheduled night-shift work, which is cancelled with less than 24 hours' notice, will be billed at night-shift rates. Night-shift work of less than 4-hour scheduled duration will be billed a minimum of 4 hours at night shift rates.

ADDITIONAL SERVICES OFFERED

In addition to our core services of geotechnical, hydrologic and environmental engineering, including construction-phase testing and observation, ENGEO provides clients with services for establishment and management of Geologic Hazard Abatement Districts (GHAD) and for Entitlement and Permitting Support (EPS). For more information about these services and associated pricing, please contact ENGEO at (925) 866-9000.

OTHER FEES

- Equipment and materials will be charged in addition to the above hourly rates.
- Outside Consultants, Subcontracted Services and Equipment Rental ..... Cost plus 25%
- Expert Witness, Deposition, Mediation, Arbitration, or Court Appearance (Minimum Charge) ..... $2,800.00 half day, $4,800.00 full day

TERMS

Invoices will be submitted at completion of work or at approximately four week intervals and are due and payable upon receipt. Statements will be issued at monthly intervals. Charges not paid within 30 days of invoice date will accrue a late charge at a rate of 1.5 percent per month. In the event it becomes necessary to commence suit to collect amount due, Client agrees to pay attorney's fees and costs, as the court may deem reasonable until amount is paid. Fees will be applicable for one year from the effective date above; thereafter, fees will be adjusted annually. Our fees will be billed using an invoice format produced by a standardized accounting software package. A more customized itemization of charges and backup data will be provided upon Client's requests, but at additional fees. Final reports may be withheld until outstanding invoices are paid in full.

Many risks potentially affect ENGEO by virtue of entering into this agreement to perform services on behalf of Client. A principal risk is the potential for human error by ENGEO. For Client to obtain the benefit of a fee that includes a nominal allowance for dealing with our liability, Client agree to limit ENGEO's liability to Client and all other parties for claims arising out of our performance of the services described in the agreement. The aggregate liability will not exceed $50,000 (or ENGEO's fee, whichever is greater, but not more than $1,000,000) for professional acts, errors, or omissions, including attorney's fees and costs that may be awarded to the prevailing party and client agrees to indemnify and hold harmless ENGEO from and against all liabilities in excess of the monetary limit established above.

EQUIPMENT AND MATERIALS CHARGES

Added on 4/8/2026

DESCRIPTION	COST PER UNIT ($)	UNIT
Air Content Meter	7.00	hour
Bailers (Disposable)	10.00	each
Coatings Thickness Kit (eg. Fireproofing, Protective Paint)	30.00	hour
Concrete Crack Monitor	20.00	each
Coring Machine	30.00	hour
Double-Ring Infiltrometer	50.00	hour
Electronic Water Level Indicator	5.00	hour
Engineering Analysis Software	53.00	hour
Equipment Transport(er)	100.00	hour
Exploration Equipment (Electric Auger)	50.00	hour
Floor Flatness/Floor Level Equipment	40.00	hour
Generator	15.00	hour
GIS T&O Construction Tracker	50.00	week
GIS Construction Tracker	250.00	week
GIS Real-Time Construction Tracking	10.00	hour
GPS Handheld Device	10.00	hour
GPR/GPS/Drone Survey Equipment	240.00	hour
Hand Auger and Soil Sampler	15.00	hour
Hydraulic Pull-Test Equipment	25.00	hour
Interface Probe	2.00	hour
Magnetic Particle Test Equipment	25.00	hour
Moisture Content Test Equipment	6.00	hour
Multi-Parameter Water Meter	15.00	hour
pH Meter/Turbidity Meter	10.00	hour
Photo Ionization Detector	20.00	hour
Reinforcing Bar Locator	100.00	hour
Sampling Tubes	10.00	each
Sand Cone Equipment and Material	5.00	hour
Schmidt Hammer	20.00	hour
Seismometer	50.00	hour
Skidmore Wilhelm Bolt Tension Calib.	40.00	hour
Slope Inclinometer/Settlement Indicator/VW Readout	50.00	hour
Torque Wrench	15.00	hour
Transfer Pump	3.00	hour
Ultrasonic Equipment	50.00	hour
Vapor Emission Test Kit	40.00	kit
Vector Conversion	60.00	conversion
Vehicle, nuclear gauge, equipment, wireless communication. *Add $5.00/hr. for RTK enabled autotesting equipment.	37.00*	hour
Vehicle, equipment, wireless communication	27.00	hour
Vibration Monitor	1800.00	month
Water Sampling Pumps	20.00	hour
Bridge Toll	actual	actual
Mileage	.98	mile
Parking	actual	actual
AutoCAD, Civil 3D, GIS, Drone Data Processing	37.00	hour
BoreDM Bore Log	55.00	per log
Photocopies Black & White	0.25	each
Photocopies Color 11 x 17	1.50	each
Photocopies Color 8½ x 11	1.00	each
Plot - Black & White	3.00	square foot
Plot - Color	4.00	square foot
Postage	actual	actual
Scan - Black & White	1.50	each
Scan - Color	3.75	each
Telephone	0.50	minute

Standard Fee Schedule for Environmental Sciences and Planning Services

	Hourly Rate for January 1 – December 31		
Professional, Technical and Support Personnel*	**2026**	**2027**	**2028**
Senior Principal	$342	$354	$366
Principal	$329	$341	$353
Director	$329	$341	$353
Senior Supervisor II	$313	$324	$335
Supervisor I	$292	$302	$313
Senior Professional II	$273	$283	$293
Senior Professional I	$255	$264	$273
Professional IV	$226	$234	$242
Professional III	$210	$217	$225
Professional II	$186	$193	$200
Professional I	$166	$172	$178
Associate III	$140	$145	$150
Associate II	$125	$129	$134
Associate I	$117	$121	$125
Field Technician	$100	$104	$108
Technical Editor	$157	$162	$168
Project Accountant	$134	$139	$144
Billing Specialist	$115	$119	$123
Publishing Specialist	$128	$132	$137
Clerical	$115	$119	$123

* Professional classifications include environmental scientists, urban planners, biologists, geologists, marine scientists, GHG verifiers, sustainability, cultural resources, GIS, data technology, and other professionals. Expert witness services consisting of depositions or in-court testimony are charged at the hourly rate of $400.

Reimbursable Expenses

Equipment	Rate (per day)
Equipment Package (covers field equipment)	$150
UAS Drone	$300
Boat (20-foot Boston Whaler or Similar)	$800
Light-Duty and Passenger Vehicles*	$90
4WD and Off-Road Vehicles*	$150

* Current IRS mileage rate for mileage over 50 and for all miles incurred in employee-owned vehicles.

Direct Costs. Other direct costs associated with the execution of a project, that are not included in the hourly rates above, are billed at cost plus 16%. These may include, but are not limited to, printing and production, laboratory and drilling services, subcontractors, vendors, authorized travel expenses, permit charges and filing fees, mailings and postage, performance bonds, sample handling and shipment, rental equipment, and vehicles other than covered by the above charges.

Budget Reallocation. Rincon reserves the right to reallocate the budget between tasks and staff classifications, while remaining within the approved contract amount.

Annual Escalation. Standard rates subject to 3.5% annual escalation on January 1.

Payment Terms. All fees will be billed to Client monthly and shall be due and payable upon receipt or as indicated in the contract provisions for the assignment. Invoices are delinquent if not paid within 10 days from receipt or per the contractually required payment terms.

Added on 4/8/2026

General Provisions, Terms and Conditions

1. Billing: Estimated fees will be billed hourly as the work progresses. For long-term projects, you will be billed as the work progresses on a time and materials basis. Rates will increase each year on January 1st.

Office Rates:		Standard Field Rates:	
Assistant Planner	$120.00 per hour	1-Person Field Crew	$215.00 per hour
Senior Planner	$160.00 per hour		
Survey Technician I	$110.00 per hour	2-Person Field Crew	$260.00 per hour
Survey Technician II	$145.00 per hour		
Survey Technician III (LSIT)	$175.00 per hour	Field Prevailing Wage Rates: (Public Works Projects)	
Land Surveyor (PLS)	$185.00 per hour	1-Person Field Crew	$265.00 per hour
Survey Manager (PLS)	$205.00 per hour	2-Person Field Crew	$355.00 per hour
Expert Witness (PLS)	$370.00 per hour		

2. Terms of Payment: All fees will be billed to the client at the completion of work or for long-term projects, as the work progresses, and shall be due and payable within 30 days. Past due invoices will be referred to a collection agency and all remaining or ongoing work will stop. Sub-consultants and reimbursable items, such as photogrammetric consultant, or obtaining a title report or deed documents, will be charged at cost plus 15% mark up.
3. Agency Fees: All agency fees will be paid for by the client. Fees for submittal and checking of records of survey, lot line adjustments,parcel and tract maps and other documents will be set according to current agency fee schedules.
4. Boundary Surveys: Our boundary survey proposals often provide an estimated fee range based on broad assumptions that property monuments shown on record maps (some up to 175 years old) still exist today. Occasionally, we find that some or all of these record monuments have been destroyed by weather, erosion, construction, or other factors beyond our control which increase our time for the retracement survey. In this case, we will notify you of these circumstances and allow you to decide how to proceed.
5. Records of Survey: If our proposal includes costs to prepare and file a corner record and it is subsequently determined that the filing of a Record of Survey is required in accordance with Business and Professions Code Section 8762, the additional costs of examination and filing of such Record of Survey will be paid for by the Client as a reimbursable expense.
6. Completion of Work: When the services rendered require the submittal of any maps or documents by the Surveyor to a governmental agency, it is agreed that the payment of fees due for services shall not be contingent upon the final approval by the agency of said maps and documents. It is agreed that the first submittal of said maps or documents to the agency shall constitute the completion of that portion of work. Agency or client-initiated changes after the first submittal to the agency will be billed on an hourly basis at the rates quoted above.
7. Schedule: The work will be scheduled after we receive the signed contract. We estimate our initial work project will be delivered within 30 work days of receiving this signed contract. Factors such as weather, staffing shortage, workload, equipment malfunctions, etc., may cause a delay in product delivery.
8. Work Product: Our product of service is the signed and sealed original hardcopy drawing or digitally signed PDF.
9. AutoCAD drawings: Electronic data may be provided as a courtesy to the client. The user of this information hereby understands that the delivery of this electronic media does not constitute the delivery of our professional work product. MBS Land Surveys will not be responsible for any modifications made to the electronic file, or any products derived from this file, which are not signed and sealed by MBS Land Surveys. The user of the digital data agrees to hold harmless, indemnify, and defend MBS Land Surveys from and against any and all claims arising from the use or misuse of the electronic information provided herein. Files will be delivered in Civil3D 2019 format.
10. Extra Services: Extra services will be handled on an hourly basis after your written or verbal authorization.
11. Term of Proposal: The fees and terms delineated in this contract are valid if the contract is executed within ninety (90) days of the date it was signed by the Surveyor.
12. Termination of Contract: Either party, with written notice, can terminate this contract.
13. Insurance: MBS Land Surveys carries professional insurance for General Liability, Auto Liability and Worker's Comp.

Added on 4/8/2026

ENGEO
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