

Los Cerritos Wetlands Authority

Date: June 18, 2025

To: Governing Board Members

From: Chad Oberly, Staff Services Manager I

Through: Mark Stanley, Executive Officer

Subject: Item 6: Consideration of a resolution augmenting the not to exceed contract value for construction management services for the Southern Los Cerritos Wetlands Restoration Project

RECOMMENDATION: That the Los Cerritos Wetlands Authority (LCWA) Board authorize the augmentation of the not to exceed contract value for construction management services for the Southern Los Cerritos Wetlands Restoration Project.

PROJECT DESCRIPTION:

Exhibit A: Request for Proposals (RFP) for Construction Management Services

Exhibit B: Syrusa Engineering Inc RFP response

Exhibit C: Negotiated Scope of Work

Exhibit D: SLCWRP Overall Project Budget

At its February 2025 board meeting, the LCWA authorized the Executive Officer to negotiate and enter a contract for construction management services for the Southern Los Cerritos Wetlands Restoration Project for an amount not to exceed \$545,000. This not to exceed value was determined by preliminary budget estimates and assumptions made in 2023. The Authority released an RFP for these services on February 20, 2025, initiating a competitive bid process. The Authority's RFP stipulated that the resulting agreement would be on a time-and-materials basis with a not-to-exceed value of \$545,000. However, based on market feedback received during the competitive bid process, staff recommend that the board approve an augmentation to the not to exceed amount and realignment of the project's construction management budget. Additionally, staff have identified a preferred (highest scoring) consultant, Syrusa Engineering, based on a panel evaluation of the proposals received, subsequent interviews, and negotiations.

Several factors support the need to enter a contract above the previously approved not-to-exceed amount for the construction management services contract:

- 1. Market Feedback on Budget Expectations:**

Multiple potential proposers suggested that the originally approved not to exceed

amount was insufficient to cover the full scope of services requested. This feedback suggested that the budgeted amount did not align with current market rates and the project's complexity.

2. Proposal Review Outcomes:

Several submitted cost proposals exceeded the originally approved not to exceed amount. The scoring panel found that the proposals under the threshold lacked sufficient detail in their work plans and/or cost proposals to ensure that the full scope of services needed by the LCWA could be delivered at the anticipated cost. Upon interview, it was unclear whether some team members from these lower cost proposers possessed the requisite expertise needed for project success, or in some cases it was unclear whether they could provide the necessary time or attention needed for this project.

3. Selection of Syrusa:

The proposal submitted by Syrusa stood out to the RFP scoring panel due to the firm's experience, project understanding, and perceived professionalism. The panel agreed that Syrusa is best positioned to support successful project delivery with minimal delays or complications. Relevant experience includes projects that required clearing and grubbing, demolition of existing power poles, existing culverts, headwalls, concrete pads, contaminated soil removal and disposal; earthwork; berm construction; culvert construction; water and electrical line relocation; temporary road maintenance; roadway improvements, and landscaping and irrigation. Syrusa's proposal referenced experience overseeing projects for state and local government agencies including CalTrans, the Orange County Transportation Authority, and cities of Corona, Irvine, and Santa Ana among others. The firm's Project Manager possesses more than 28 years of relevant experience and has 90 percent availability for this project. Key staff including the Construction Manager, Quality Manager, and Inspector's resumes demonstrated extensive professional experience. The proposal demonstrated an understanding of the project's scope and built in challenges and mitigation opportunities. The proposal encompassed a discussion on collaborative work with sensitive habitats, considering tidal fluctuations and cultural resources. It also presented potential challenges in terms of mitigation opportunities to effectively address these factors. The proposal also demonstrated an understanding of regulatory compliance needs and surrounding operations.

4. Critical Role of Construction Management Firm:

Given the project's complexity and scale, the construction management role is crucial. The consultant's oversight will ensure adherence to schedule, quality assurance, and safety throughout construction.

5. Budget Alignment and Scope Clarification:

The total budget for construction management for the project is \$1.64 million, divided between a project engineer, restoration ecologist, and construction manager; with \$546,000 allocated specifically for the construction manager role. However, this original \$546,000 estimate was based on preliminary assumptions. Additionally, the project's engineering firm has since withdrawn services that need to be filled; these materials testing services are included in Syrusa's proposal. The proposal would provide for a dedicated on-site inspector in addition to a construction manager, this was not accounted for in the original budget assumption. The project has realized significant budget savings by filling the project manager role with a trained restoration ecologist, allowing for flexibility within the overall construction management budget. Labor and operational costs have also increased since the initial budget estimate in 2023.

6. Successful Cost Negotiation:

Staff successfully negotiated with Syrusa to reduce their proposed cost from over \$1.6 million to under \$780,000 by removing overlapping subcontractor roles and better leveraging existing project team capacities. These cost efficiencies preserve quality while staying within the overall construction management budget. Should the board approve

In summary, the proposed construction management firm Syrusa was negotiated with due to their experience, project understanding, and comprehensive approach. The cost proposal for construction management was successfully negotiated down by eliminating overlapping tasks and duplications, resulting in a much more efficient cost under \$780,000, preserving quality while staying within the budget.

BACKGROUND:

On February 20, 2025, the Los Cerritos Wetlands Authority released a Request for Proposals (RFP) for construction management services for the Southern Los Cerritos Wetlands Restoration Project. The RFP advertised a not-to-exceed contract value of \$545,000 for these services, an amount approved by the LCWA board at its February 2025 meeting. Potential proposers were given the opportunity to submit questions regarding the RFP in writing by 5:00 pm on March 5. On March 11 the LCWA released eight (8) responses to the questions received. One interested party requested to know if the LCWA would accept proposals in excess of \$545,000. The LCWA replied that it would accept such proposals, but that any contract in excess of \$545,000 would require subsequent board approval.

Procurement Event Deadlines	
RFP Release Date	2/20/2025
Q & A Submission Deadline	3/5/2025
Q & A Response Deadline	3/11/2025
RFP Submission Deadline	3/26/2025

The Authority received five (5) proposals by the March 26 submission deadline. Proposers included Willdan, Syrusa Engineering, Paul Hansen Engineering, Cumming Group, and David Engineering. Proposals were evaluated by a panel in accordance with the RFP's advertised scoring criteria. The scoring panel consisted of representatives from the State Coastal Conservancy, Rivers and Mountains Conservancy, and City of Seal Beach Public Works Department. After initial review of proposals by the panel and application of the scoring criteria, the top three (3) proposers (described as the "short list" in the RFP) were invited for structured interviews. Interviews were conducted on May 2 and consisted of an overview of the project provided by the Project Manager, and a series of eight (8) standardized questions designed to help assess the proposers project understanding and approach, qualifications, collegiality, ability and capacity, and cost. Proposers were given the opportunity to ask the panel questions, or provide closing remarks at the close of the interview.

The final total scores are as follows:

Firm	Score
Syrusa	76.3
Paul Hansen Engineering	69.6
David Engineering	60.6

Syrusa's individual score is as follows:

Criteria	Max	Average
Project Understanding	20	15.6
Qualifications	30	22
Collegiality	15	11.6
Ability/Capacity	5	4.6
Cost	30	12.6
Total	100	76.3

Per the protocol outlined in the RFP, the LCWA entered negotiations with Syrusa as the highest scoring firm. LCWA staff and Syrusa came to a tentative agreement to lower Syrusa's costs by more than half by eliminating redundant services and reassigning labor hours between tasks and team members to better suit the LCWA's needs. The negotiated scope of work is attached as Exhibit C.

FISCAL IMPACT:

The revised contract amount of \$780,000 remains within the overall project budget allocated for construction management (SLCWRP Task 5, Exhibit D). The reallocation reflects a strategic adjustment based on scope clarification and evolving project needs, without requiring an overall increase in project funding.

Staff recommend the following re-allocation of funds within the broader construction management budget:

SLCWRP Task 5 Construction Management Budget Allocations			
Project Role	2023 Budgeted Allocation	Proposed Budget Realignment	Notes
Construction Manager	\$546,000	\$780,000	Includes materials testing and inspection
Engineering	\$684,000	\$350,000	\$286,369 committed to Moffat & Nichol
Restoration Ecologist	\$410,000	\$100,000	Additional services if needed
Contingency All Tasks	\$0	\$410,000	Task 5 related contract modifications
Total for Task 5	\$1,640,000	\$1,640,000	

Should unforeseen delays, unanticipated project costs, or should it be determined that additional scope to complete these tasks will be required for project success, the Authority will utilize and apply available contingency funding as necessary at the discretion of the Executive Officer.

Exhibit A: RFP



LOS CERRITOS WETLANDS AUTHORITY

REQUEST FOR PROPOSALS ANNOUNCEMENT Los Cerritos Wetlands Authority (LCWA)

Request for Proposals (RFP)

CONSTRUCTION MANAGEMENT SERVICES FOR THE SOUTHERN LOS CERRITOS WETLANDS RESTORATION PROJECT

PROJECT LOCATION:

Pacific Coast Hwy and 1st Street, Seal Beach, CA 90740 (33.751196, -118.097645)

The Los Cerritos Wetlands Authority (LCWA) is requesting proposals for construction management services for the Southern Los Cerritos Wetlands Restoration Project (Project) in the City of Seal Beach. Services must be provided by a Certified Construction Manager or a licensed architect, registered engineer, or licensed general contractor with recent experience managing and supervising similar public construction projects. Services will include construction plan design review and analysis, bid support, proposal evaluation, weekly construction meetings, construction supervision, project scheduling, claims review and negotiation, site visits and walkthroughs, RFI and submittal management, and general management and administration of a construction project (GC §§ 4525(e), 4529.5). The LCWA will award the contract to the most well-qualified Consultant based on panel review of demonstrated competence, supported by reputable professional references, and on the professional qualifications necessary for the quality performance of the services required at a fair and reasonable price.

Interested entities may view the RFP on the Los Cerritos Wetlands Authority website at <https://intoloscerritoswetlands.org>.

All questions should be directed to Chad Oberly, Staff Services Manager I, via email to coberly@rmc.ca.gov by Wednesday March 5, 2025, by 5:00pm.

Proposals must be submitted electronically by the deadline to the staff listed below:

Submittal Deadline: Wednesday, March 26, 2025, by 5:00pm

Please submit Proposals electronically to:

Chad Oberly, Staff Services Manager 1, at coberly@rmc.ca.gov
cc: LCWA/RMC General Inbox, info@rmc.ca.gov

Hard copies of the proposals are **NOT** required. Facsimiles or Proposals submitted/passed through to other LCWA personnel, or personnel of related agencies, will not be accepted.

Table of Contents

I. BACKGROUND AND PROJECT DESCRIPTION	1
II. SUMMARY OF TERMS OF AGREEMENT	2
III. REFERENCE DOCUMENTS	3
IV. SCOPE OF SERVICES.....	4
V. DESIRABLE QUALIFICATIONS AND EXPERTISE	4
VI. MINIMUM PROPOSAL REQUIREMENTS.....	5
VII. SUBMISSION INFORMATION AND DEADLINE.....	8
VIII. SELECTION CRITERIA	8
IX. PREFERENCE PROGRAMS.....	9
X. CONTRACT ADMINISTRATIVE PROCESS.....	11
XI. GENERAL INFORMATION.....	11
XII. LIST OF ABBREVIATIONS.....	13
XIII. QUESTIONS.....	13
Exhibit A	14
Exhibit B	15
Exhibit C	16
Exhibit D	27
Exhibit E.....	28

I. BACKGROUND AND PROJECT DESCRIPTION

The proposed Project aims to restore historic habitat at the Southern Los Cerritos Wetlands site, which is part of the Los Cerritos Wetlands Complex that formerly spanned approximately 2,400 acres. This restoration project is being led by the LCWA, funded in part by the State Coastal Conservancy and the Ocean Protection Council, and is not associated with any compensatory mitigation projects.

The 103.54-acre Project Area is located approximately 0.08 miles southeast of the San Gabriel River Pacific Coast Highway Bridge in the City of Seal Beach, California in the County of Orange (Exhibit A). The Project's central geographic location is Latitude 33.751066°; Longitude - 118.099411°, primarily in section 11 of Township 5 South, and Range 12 West, on the United States Geological Survey (USGS) Seal Beach and Los Alamitos 7.5-minute series topographical quadrangles. The Project Area is bounded by the San Gabriel River to the west, oil extraction operations to the north, and residential neighborhoods and park space to the east and south (Exhibit B). The Project is located in the southernmost portion of the approximately 500-acre Los Cerritos Wetlands Complex.

The property is currently accessible from the Pacific Coast Highway via 1st Street which extends through the property and leads to the neighboring oil operations and is subject to several easements for other landowners and utilities. The site is currently closed to the public and is only accessible during public programming or with prior approval from the property owner. The Project Area includes a 100-acre parcel owned by the Los Cerritos Wetlands Authority (LCWA) and a 3.5-acre parcel owned by the California State Lands Commission that the LCWA has a long-term non-exclusive lease to manage (Exhibit B). The Project will be implemented in two phases, with approximately 50 acres to be restored during each phase. **This RFP is specific to Phase 1 of the Project only.**

The Project Area is located near two major channels, the San Gabriel River and the Haynes Cooling Channel (Exhibit B). Within the Project Area, a remnant historic tidal channel, called the Hellman Channel, conveys seawater from the San Gabriel River. The site contains a large remnant building foundation, multiple former sumps and contaminated areas from prior oil operations, landfills, relict coastal salt marsh, degraded uplands, and numerous non-native trees.

Phase 1 of the restoration project will enhance existing salt marsh habitat, grade new sinuous tidal channels, create intertidal habitat, and increase tidal flux by cleaning the inlet culvert and replacing a secondary culvert with a box bridge. The Project will also incorporate several features requested by the Tribal Advisory Group, including harvest gardens, a gathering place, and a monument.

Project Activities – Phase 1

- Grading the site, including excavation to create tidal channels, which is expected to produce approximately 60,000 cubic yards of material;
- Clearing and grubbing the site to remove non-native and invasive species, including removal of approximately 100 trees;
- Remediating soils (e.g., on-site treatment, excavation, testing and removal, or cap in place) that have been impacted by oil operations, including removal and hauling approximately 22,000 cubic yards of contaminated soils;

- Creating recreational amenities, including a Visitor Plaza on the State Lands Parcel, ADA parking, approximately 4,000 linear feet of trail, viewpoints, gathering spaces, and interpretive signage;
- Maintaining the tide gate on the existing culvert connecting the site to the San Gabriel River and cleaning out the culvert for improved water flow;
- Beneficially re-using approximately 17,000 cubic yards of fill material on site to support existing upland habitat areas;
- Excavating approximately 3,500 linear feet of primary and secondary tidal channels;
- Creating areas of intertidal salt marsh with tidal channel networks;
- Protecting existing tidal marsh in the northern portion of the site;
- Constructing earthen berms to control flooding;
- Raising 1st Street utilizing a box bridge system and fill;
- Reconfiguring utilities on 1st Street, including undergrounding utilities and anchoring utilities to the box bridge;
- Removing the culverts under the existing dirt access roads and replacing the existing culverts and headwalls under 1st Street with two standard cement 12 foot boxes to create a box bridge;
- Landscaping approximately 42 acres of the Project area with native plants to support a diversity of salt marsh, transitional wetlands, and upland habitats, and installing drip and overhead installation to establish new plantings;
- Maintaining new landscaping for the 90-day establishment period.

At the time of the RFP release date, 90% Design Documents have been prepared for both phases of the Project (see Exhibit D) and 100% Design Documents are being developed.

Estimated Cost: Phase 1 project construction costs are estimated to be \$18-22 million, including landscaping, trails, and fixtures.

II. SUMMARY OF TERMS OF AGREEMENT

The LCWA is seeking an individual or firm (Consultant) to serve as a Construction Manager (CM) for Phase 1 of the Project. The estimated contract term is from approximately April 2025 through May 2027 (approximately two years). The Agreement shall be on a time-and-materials basis within a not-to-exceed amount of up to \$545,000.00 that will be negotiated by the parties. Expenses such as mileage and printing may be eligible for reimbursement so long as detailed supporting documentation are submitted with invoices and reimbursements adhere to these guidelines: <https://www.calhr.ca.gov/employees/pages/travel-reimbursements.aspx>. It is expected for the consultant to be locally-based, and mileage should only be considered for special situations where the consultant must travel to locations other than the project site. The Consultant will work under the direction of the LCWA's designated Project Manager and will be expected to collaborate regularly with the LCWA's Project Engineer and design team.

The most highly qualified consultant/consulting firm is expected to be selected after interviews in April 2025. The contract is expected to be awarded in April 2025.

Anticipated Project Timeline:

- Final Designs complete and Permits Approved: May 2025
- General Contractor Bid and Selection Process: June 2025
- Begin Construction: September 2025
- Clear and Grub; Rough Grading/Earthwork in ESHA: Fall 2025 – Winter 2026
- Rough Grading Complete: Summer 2026
- Bridge and Road Work: Spring – Summer 2026
- Install public amenities and trails: Spring – Fall 2026
- Install irrigation: Fall 2026
- Install landscaping: Fall 2026 – Winter 2027
- Plant establishment period: Winter- Spring 2027 (3 Months)
- Project complete: May 2027

The executed Agreement may be formally amended to accommodate schedule conflicts, or any unexpected costs associated with the services, by mutual consent of the LCWA and the Consultant. A variation of the terms (i.e., change in project representative, change in budget) requires mutual consent from the LCWA and Consultant. No verbal understanding, agreement, or amendment not incorporated into the Agreement is binding on either party.

III. REFERENCE DOCUMENTS

- LCWA Standard Contract (Exhibit E)
- 90% Design Plans and Specifications (Exhibit D)
- [Los Cerritos Wetlands Habitat Restoration Plan](#)
- [Programmatic Environmental Impact Report](#)
- [Mitigated Negative Declaration](#)
 - Cultural Resources Assessment
 - Biological Resources Assessment
- [Los Cerritos Wetlands Final Conceptual Restoration Plan](#)

IV. SCOPE OF SERVICES

The LCWA has developed a scope of work, which is summarized as a list of Tasks and Subtasks below and itemized in full detail in Exhibit C. Optional Tasks or Subtasks may be proposed and should be noted in the proposal. The selected Construction Manager (CM) shall provide the following services:

Task 1: Preconstruction Phase Services

The CM shall assist the LCWA in preparing and bidding the construction contract for a public competitive bid process consistent with State and local requirements. Subtasks are listed below and described in detail in Exhibit C.

- Subtask 1.1: Biddability and Constructability Review
- Subtask 1.2: Review of Cost Estimates and Construction Schedule
- Subtask 1.3: Final Construction Documents QA/QC
- Subtask 1.4: Construction Contractor RFP Development
- Subtask 1.5: Preconstruction Phase Services Meetings

Task 2: Construction Phase Services

Implementation of Construction phase services will be authorized under a separate NTP upon release of the Construction Contractor RFP. This Phase will extend through the demobilization of the Contractor from the project site. Construction phase services will include Bid Phase Assistance, Contract Award and Execution Support, and Construction Management and Inspection Services as listed below (described in Exhibit C).

- Subtask 2.1: Bid Phase Assistance
- Subtask 2.2: Contract Award/Execution Support
- Subtask 2.3: Construction Management and Inspection

V. DESIRABLE QUALIFICATIONS AND EXPERTISE

The CM will be a member of the Project Team consisting of the project owner (LCWA), the Project Management Team (Tidal Influence), the Design Team (Moffatt & Nichol), and other consultants as required.

The Consultant shall be familiar with State policies and procedures related to capital and public works projects. Pursuant to an authorized task order, the Consultant shall provide services and all necessary personnel, material, transportation, lodging, instrumentation, and the equipment necessary to satisfy all appropriate agencies and required to ensure compliance with all applicable Federal, State, and Local statutes, laws, codes, regulations, policies, procedures, ordinances, standards, specifications, performance standards, and guidelines, applicable to the Consultant's services and work product. A resource to the State's contracting process, including policies and guidelines to promote sound business decisions and practices is the [State Contracting Manual](#). A uniform approach to statewide management policy may found in the [State Administrative Manual](#).

During the Construction Phase, the Consultant will utilize their skills and knowledge of construction to provide Project construction services including: review of construction cost models/estimates, construction project design review and analysis, construction supervision, bid

evaluation, project scheduling, claims review and negotiation, study labor conditions and public funding requirements, identify and advise on constructability issues, advise on the sequencing of procurement and construction work for the Project, monitor project budgets, and general management and administration of the Project.

In summary, the Consultant will provide expertise in the following disciplines:

- Design review and evaluation
- Construction oversight
- Construction inspection
- Cost estimating
- Bid evaluation
- Project scheduling and analysis
- Constructability review
- Project reports
- Claims analysis and negotiation
- General construction management and administration of a construction project.

The ideal Construction Manager shall have:

- Experience managing the construction of coastal habitat restoration projects, ideally in southern California.
- Experience coordinating a multidisciplinary team constructing civil, structural, and landscape designs in ecologically sensitive habitat areas.
- Knowledge of municipal, county, state, and federal regulatory frameworks and permit requirements.
- Experience working on public sector construction projects and knowledge of public project procurement processes, public project labor requirements, and state funding sources.
- Experience working on projects in south LA County and/or North Orange County.

VI. MINIMUM PROPOSAL REQUIREMENTS

Proposals shall provide straightforward and concise descriptions of the Consultant's ability to satisfy the requirements of this RFP. Consultants shall ensure that their written responses completely and accurately indicate how they meet the Selection Criteria listed below. All documents contained in the Proposal shall have original or electronically certified signatures (i.e., DocuSign, Adobe Sign) and shall be signed by a person authorized to bind the Proposing consultant. Proposals not including the proper required attachments or original signatures shall be deemed non-responsive. A non-responsive Proposal is one that does not meet or submit one or more of the minimum requirements:

1. **Cover Letter** (1 page): letter shall include the Federal Identification Number (if applicable) of the firm as well as the person authorized to negotiate and sign all agreements. Include the name and address of the primary firm submitting the proposal; whether the proposing firm is an individual, partnership, corporation, or joint venture; a list of subconsultants on the Consulting Team, and the name, address, and telephone number of the contact person who will be authorized to

make representations for the primary firm. Call out any relevant certifications, such as small business, veteran/minority/women-owned business, etc.

2. A completed W9 should be submitted with an original signature. The current version of the form is available [here](#).
3. **Executive Summary** (2 pages preferred): summary shall include Corporate Documentation and Experience. It shall include relevant information regarding organizational stability and strength, including a description/statement of the organization (e.g., sole proprietorship, partnership, corporation, joint venture, etc.). It shall include the designation of an experienced senior individual as the supervisor/administrator of the Consultant's staff who will be responsible for the delivery of services in accordance with the established Scope of Services. Provide the firm / team's understanding of the Project, identify potential critical issues and how the proposed team is specifically qualified and experienced in addressing such issues. Include a list of projects which indicate related experience, including work on similar projects. Include a list of references and respective phone numbers and emails (references will be verified).
4. **Work Plan:** provide a complete and concise Work Plan the describes the approach to achieving the scope of all services as outlined in Section IV and detailed in Exhibit C, Scope of Work, of this RFP. The typical Work Plan shall indicate activities in support of the services requested, including quality control reviews and participation of sub-consultants. The Work Plan should be consistent with how the cost proposal is organized. Describe your current workload and capability/commitment to complete the Scope of Services in accordance with project schedules. Include in the Work Plan tables that detail the Consultant's methods for document tracking as well as internal performance metrics.
5. **Acceptance of Terms and Conditions:** shall include a statement affirming the Proposer's acceptance of the terms and conditions contained in the LCWA Consultant Services Agreement and identified in this RFP.
6. **Conflict of Interest Disclosure:** shall include a statement identifying any potential conflicts of interest that the Consultant and sub-consultants may have.
7. **Statement of Qualifications** (Portfolio cut sheets, project references and project team resumes): shall include identification of Key Team Members and any proposed sub-consultants. Resumes should be limited to 2 pages and only be included for Key Team Members. Resumes should include each Key Team Member's proposed project assignment and responsibilities, their specific professional and educational experience related to this assignment and example projects. The Lead CM's Resume should also showcase experience in managing coastal habitat restoration and their current work assignment(s), projected completion dates, and percentage of time available to provide to this project.

8. **Cost Proposal:** Information requested is required to support the reasonableness of your quotation. Cost must have a detailed breakdown showing how the costs were determined and the desired method of payment (i.e., flat fee, lump sum, unit rate basis).
- a. For calculation purposes, Proposer shall use the below listed guidelines for costing travel, expenses, and deliverables. No separate or additional billings will be considered for reimbursement without written permission from the LCWA.
 - b. Transportation: Travel expenses and per diem directly related to the contract services shall be included in direct costs. Such costs shall not exceed the rates paid to the State's non-represented/excluded employees (CCR Title 2, Section 599.619).
 - c. Hourly Rates: Provide hourly billing rates for staff and subcontractors as follows: Category of personnel, rate per hour, and total cost for each category of personnel.
 - d. Identification of Subcontractor(s) Costs: Provide a listing of proposed subcontractors and associated fees (i.e., admin mark-up). The total of all subcontracts should be limited to 25% of the total value of the contract.
9. **Additional Required Documents:**
- a. Current Statement of Information (can be obtained on the California Secretary of State's website [here](#)). If operating under a fictitious business name, provide all supporting documentation (i.e., fictitious business name statement certified by the appropriate county clerk).
 - b. If applicable, proof of current certification from the DGS Office of Small Business and Disabled Veteran Business Enterprise Services (OSDS). This information can be obtained [here](#).
 - c. Completed and signed California Civil Rights Laws Attachment (DGS OLS 04), available [here](#).
 - d. Darfur Contracting Act Certification (DGS PD 1). This form can be found [here](#).
 - e. Iran Contracting Act Verification Form. This form can be found [here](#).
 - f. The Bidder's Declaration Form (GSPD-05-105, which can be found [here](#)). This form documents subcontracted services.

- g. Disabled Veteran Business Enterprise Declarations Form (STD 843, which can be found [here](#)). This form documents compliance with the requirements set forth in the Military and Veterans Code and is required to be completed for each Disabled Veteran Business Enterprise.
- h. GenAI Reporting and Factsheet (STD 1000). This can be found [here](#). This form reports any generative artificial intelligence used in the application and/or performance of services.

The LCWA encourages Small Businesses and Disabled Veteran Business Enterprises to apply.

VII. SUBMISSION INFORMATION AND DEADLINE

Entities (individuals or firms) interested in providing professional services for this contracting opportunity shall submit the following information electronically in 8.5" x 11" format with each of the numbered sections collated as a single unprotected (i.e., not password protected) PDF file. Electronic submittals will be accepted until **5:00pm on Wednesday, March 26, 2025**.

Proposals shall be submitted to Chad Oberly at cobelry@rmc.ca.gov, with a carbon copy to RMC/LCWA general inbox at info@rmc.ca.gov.

Hard copies of the Proposal are **NOT** required and will not be accepted. Facsimiles or Proposals submitted/passed through to other LCWA personnel, or personnel of related agencies, will not be accepted.

VIII. SELECTION CRITERIA

1. **Minimum Qualifications – Pass/Fail:** Each proposal will be checked for the presence or absence of required qualifications outlined in Section VI. MINIMUM PROPOSAL REQUIREMENTS. Proposals that do not meet Section VI will be rejected.
2. **Project Understanding and Approach – 20%:** Understanding of overall concepts and objectives; responsiveness to RFP requirements; Work Plan for all services for the project and Schedule broken down by task. Evaluation of the Consultant's understanding of the project. Proposals may suggest alternate approaches or additional tasks; however, the proposal (including the budget) must also address the tasks as described in the RFP for comparison with other proposals.
3. **Qualifications – 30%:** Professional experience and qualifications of the individual or firm in relation to the work to be performed, particularly habitat restoration. Description of the role and qualifications of the prime consultant and each subconsultant firm. Include brief descriptions of no more than five relevant projects completed by each firm. For each project team member, including subconsultants, describe their role and qualifications.
4. **Collegiality – 15%:** Demonstrated interdisciplinary ability of the consultant to coordinate and work with various personalities and experts from varying sectors including governmental, private sector, NGOs, and academics. Proven track record of team building and ability to

resolve conflict in a thoughtful and professional manner. Ability to provide direction and take direction.

5. **Ability and Capacity – 5%:** Consultant’s workload, location, and demonstrated ability to meet schedules for project coordination and construction management services.
6. **Cost – 30%:** Fee estimate cost proposal broken down by task and subtask. The contract price submitted by Proposer will be compared to the costs submitted by other Proposers. While the Lowest Cost Proposal will receive the highest number of points, all proposals will be evaluated by certain factors including but not limited to reasonableness, bid is within estimate, bid covers a wide range, hourly rates, admin/subconsultant markup, and realistic to timeline and budget.

Submittals will be evaluated and scored based upon the following selection criteria for those organizations/firms who meet the minimum qualification requirements. Consultants will be selected for interviews based on written responses to this RFP, which will be evaluated by an interdisciplinary team composed of a panel appointed by the LCWA. Typically, three entities (individuals/firms) with the highest scores will be selected for the “short list.” These entities will be invited for an oral presentation to introduce their team, its qualifications and experience, and to discuss their proposal.

Award will be made to the responsible proposer earning the highest overall score.

IX. PREFERENCE PROGRAMS

1. DVBE participation program requirements and an incentive have been waived for this RFP; however, the DVBE incentive will still apply according to the participation percentages listed below.

In accordance with section 999.5(a) of the Military and Veterans Code and DVBE Incentive Regulations, CCR 1896.99.100, an incentive will be given to bidders who provide DVBE participation. For evaluation purposes only, the State shall apply an incentive to bids that propose California certified DVBE participation as identified on the Bidder Declaration GSPD-05-105 and confirmed by the State. The GSPD 05-105 can be accessed at:

<https://www.documents.dgs.ca.gov/dgs/fmc/gspd/gspd05-105.pdf>. The incentive amount for awards based on high score will vary in conjunction with the percentage of DVBE participation. The following percentages will apply for awards based on low price.

Confirmed DVBE Participation of:	DVBE Incentive
5% or over	5%
4% to 4.99% inclusive	4%
3% to 3.99% inclusive	3%

For awards based on low price, the net bid price of responsive bids will be reduced (for evaluation purposes only) by the amount of DVBE incentive as applied to the lowest responsive net bid price. If the #1 ranked responsive, responsible bid is a California certified small business, the only bidders eligible for the incentive will be California certified small businesses. The incentive adjustment for awards based on low price cannot exceed 5% or \$100,000, whichever is less, of the #1 ranked net bid price. When used in combination with a preference adjustment, the cumulative adjustment amount cannot exceed \$100,000.

2. A Small business (SB) Preference of five percent (5%) will be granted in accordance with Government Code Section 14835, and as contained in Title 2, California Administrative Code Section 1896 et. seq. To claim the Small Business Preference a Bidder must have its principal place of business located in California and must have an approved small business certification form and proof of annual receipts on file with the Department of General Services, Office of Small Business and Disabled Veteran Business Services (OSDS).

The 5% preference is used only for computation purposes, to determine the winning bidder, and does not alter the amounts of the resulting contract(s). A certified small business receives an amount equal to 5% of the highest score submitted by a non-certified small business reduced from its cost proposal.

Bidders requesting the Small Business Preference must indicate this in the Executive Summary. The application of the five percent (5%) Small Business bidding preference is extended to non-small businesses that commit to subcontracting at least twenty-five percent (25%) of its net bid price to California Certified Small Businesses and/or Micro-businesses when the non-small business:

- Has included in its bid a notification to the Department that it commits to subcontract at least twenty-five percent (25%) of its net bid price with one (1) or more small businesses; and
- Has submitted a timely, responsive bid; and
- Is determined to be a responsible bidder; and
- Submits a Bidder Declaration GSPD-05-105 listing the small businesses it commits to subcontract with for a commercially useful function in the performance of the Agreement.

Bidders having pending Small Business Certification applications under review by the Department of General Services concurrent with the bid timeframe should contact OSDS to request an expedite review/approval of their application in order to be considered for the small business preference during the evaluation of this

bid. Contact OSDS at (916) 375-4940 to obtain information about the application expedite process.

X. CONTRACT ADMINISTRATIVE PROCESS

Upon completion of all interviews, a single entity will be selected. The selected Consultant will be asked to submit a fee proposal specifying the hourly rates for specific classifications of employees, subcontractors, and/or services to be provided. The LCWA and the Consultant will enter into negotiations to create fixed rates. In the event that a satisfactory agreement cannot be negotiated, the LCWA will terminate negotiations with that Consultant and begin negotiations with the next most highly ranked Consultant, and so on. After successful negotiations, a contract will be awarded and executed. The State does not guarantee the amount of services being requested from each firm and may utilize services from current agreements on an as needed basis (example: if a firm is unavailable to provide the work or the State and the firm cannot agree on a per project costing).

The State and LCWA reserves the right to terminate the selection proceedings at any time. See [Public Contract Code § 6106.5 \(e\)](#) for further requirements pertaining to sub-consultants. The Agreement, if awarded, shall be subject to approval by LCWA/Department of General Services control agency and shall not be binding on LCWA or Consultant until approved by such agency.

Contract Payment

The LCWA issues payment based upon services rendered. After a contract is finalized and work is performed, the Awarded Consultant should invoice the LCWA. The LCWA will remit payment within 90 calendar days of being billed, with a 10% withholding to be paid at the end of the contract period.

XI. GENERAL INFORMATION

1. All Proposals become the properties of the LCWA upon receipt and will not be returned to the proposers. Costs incurred for developing the Proposal and in anticipation of award of the Agreement are entirely the responsibility of the Proposer and shall not be charged to LCWA or the State of California.

All Proposers' responses and cost information shall remain undisclosed until a successful firm is identified or, if all proposals are rejected, after rejection of all such Proposals; following that date, all Proposals shall be regarded as public records under the California Public Records Act (GC 6250 et seq) and subject to review by the public.

A Proposal may be rejected if it is conditional or incomplete, or if it contains any alterations of form or other irregularities of any kind. LCWA may waive an immaterial deviation in a Proposal. LCWA's waiver of an immaterial deviation shall in no way modify the RFP document or excuse the Proposer from full compliance with all requirements if awarded the Agreement.

Proposer may withdraw its Proposal by submitting a written withdrawal request to LCWA, signed by its authorized agent. Proposer may thereafter submit a modified/new Proposal prior to the Proposal Submission Deadline. Proposal modifications offered in any other manner, oral or written, shall not be considered.

2. LCWA does not accept alternate Agreement language. A Proposal with such language will be considered a counter proposal and will be rejected. LCWA's Conflict of Interest provisions, are non-negotiable. After award, conflict of interest guidelines, State Contracting laws and policies shall continue to be monitored and enforced by the LCWA.
3. Consultant agrees that the awarding department, the Department of General Services, the copy any records and supporting documentation pertaining to the performance of this Agreement. Consultant agrees to maintain such records for possible audit for a minimum of three (3) years after final payment unless a longer period of records retention is stipulated. Consultant agrees to allow the auditor(s) access to such records during normal business hours and to allow interviews of any employees who might reasonably have information related to such records. Further, Consultant agrees to include a similar right of the State to audit records and interview staff in any subcontract related to performance of this Agreement (GC § 8546.7, PCC § 10115 et seq., CCR Title 2, §1896). Consultant shall comply with the above and be aware of the penalties for violations of fraud and for obstruction of investigation as set forth in PCC § 10115.10.

A Pre-Award audit may also be performed by the LCWA, the Department of General Services, or their designated representative.

4. Prevailing Wages: Pursuant to [Labor Code Section § 1774](#), the Consultant and any subcontractors, regardless of tier, shall pay not less than the specified prevailing wage rates to all workers employed in the execution of the Contract.

Copies of the prevailing rate of per diem wages are on file at the Department of General Services, which shall be made available to all interested parties. Additionally, these prevailing wage rates are available on the Department of Industrial Relations (DIR) website [here](#). For more information, visit the Prevailing Wage Requirements page of the DIR [here](#).

5. Notification of the Right to Protest: Should a proposer claim the LCWA failed to follow the procedures specified in either subdivision (b) or (c) of PCC § 10344, protestant must submit the initial protest letter and a detailed, written statement of protest, including the LCWA title/number, and LCWA contact information, to the following:

Los Cerritos Wetlands Authority
Attn: Executive Officer
100 N. Old San Gabriel Canyon Road
Azusa, CA 91702

6. LCWA does not guarantee, either expressly or by implication, that any work or services will be required under any contract issued as a result of this RFP.
7. This Project is subject to compliance monitoring and enforcement by the Department of General Services and audit by the Department of Finance.
8. LCWA does not guarantee, either expressly or by implication, that any work or services will be required under any contract issued as a result of this RFP.
9. Budget Contingency Clause: It is mutually agreed that if the Budget Act of the current year and/or any subsequent years, and/or funding sources covered under any Agreements

resulting from this RFP does not appropriate sufficient funds for the program, the Agreements shall be of no further force and effect. In this event, the LCWA or its JPA partners shall have no liability to pay any funds whatsoever to Contractor or to furnish any other considerations under the Agreements and Contractor shall not be obligated to perform any provisions of the Agreements. If funding for any fiscal year is reduced or deleted by the Budget Act for purposes of this program, the State shall have the option to either cancel the Agreements with no liability occurring to the State or offer an agreement amendment to Contractor to reflect the reduced amount. This RFP's resulting Agreements shall be contingent upon approval of the Department of General Services (DGS), State Controller's Office, State Treasurer's Office, and/or any other entity required to approve the agreements.

XII. LIST OF ABBREVIATIONS

CCR	California Code of Regulations
CD	Construction Drawings
CM	Construction Manager
Design Team	Led by LCWA, Tidal Influence, and Moffatt & Nichol
DGS	Department of General Services
DGS PD	DGS Procurement Division
DIR	Department of Industrial Relations
DVBE	Disabled Veteran Business Enterprise
EIR/CEQA	Environmental Impact Report/California Environmental Quality Act
GC	Government Code
GTC	General Terms and Conditions
LCWA	Los Cerritos Wetlands Authority
OSDS	DGS Office of Small and Disabled Veteran Business Enterprise Services
OLS	DGS Office of Legal Services
PCC	Public Contract Code
RMC	San Gabriel & Lower Los Angeles Rivers and Mountains Conservancy
MND	Mitigated Negative Declaration
SB	Small Business
STD form	Standard Form
USGS	United States Geological Survey
VE	Value Engineering

XIII. QUESTIONS

All project and contract related questions and questions concerning this Request for Proposals (RFP) should be directed to Chad Oberly, Staff Services Manager 1, in writing at coberly@rmc.ca.gov. **Questions must be received no later than Wednesday March 5, 2025 at 5:00pm.** In the interest of fairness to all potential consultants, the LCWA will not respond to individual requests for information regarding the RFP. Responses to all questions will be posted on the LCWA's website **by 5:00PM, Tuesday March 11, 2025.**

Exhibit A



Exhibit B



Exhibit C

Task 1: Preconstruction Phase Services

The CM shall assist the LCWA in preparing and bidding the construction contract for a public competitive bid process consistent with State and local requirements.

Subtask 1.1: Biddability and Constructability Review

Upon receipt of a Notice to Proceed, the CM will conduct Biddability/Constructability reviews of construction bid documents at the 100% submittal stage. This bid document package will include the design plans, specifications (including all necessary divisions), basis of design report, technical reports, CEQA documents, and project permits (regulatory, local, and building). The CM will provide markups of all documents within 10 working days of receipt of the documents. The CM will meet with the Design team to discuss major revisions that are recommended as part of Subtask 1.5.

The CM shall review the plans for biddability and constructability and identify potential value engineering (VE) solutions (if needed), ambiguities, conflicts and/or omissions apparent during its review. The bid documents and technical specifications must also be reviewed for potential duplication/overlap of clauses, conflicts, proper placement of critical requirements within the order, and precedence of documents. The CM shall also recommend key contract provisions to provide the necessary controls and remedies for the LCWA to maintain a proactive approach to the Project.

The CM will take the lead on the VE effort inclusive of compiling all VE ideas from the Project Team, determining the applicable dollar value of each and conducting the VE session with the Project Team. The team will make their recommendations to LCWA at the VE Sessions. When the CM documents the VE ideas, the CM is to show how the dollar values were derived for each VE item; that is, documentation of the detailed cost of the work as originally designed per the current estimate and the detailed estimate of the VE item to determine what cost savings, if any, is projected.

The constructability/biddability review shall include analysis of the following:

- Project Phasing – If applicable, propose recommended separate bid line item(s) and/or bid work breakdown structure to identify the adequacy of the bidders' intent to facilitate the necessary phasing requirements especially as it pertains to regulatory permit conditions.
- Project Scoping – Check for clear identification of project limits
- Utility and substructure conflicts/coordination check – Check construction notes and proposed improvements against bid items and bid item descriptions and identify and resolve apparent inconsistencies and/or gaps. Ensure that the work proposed to be performed by utility companies/owners are compatible with the work proposed to be performed by the Contractor.

Subtask 1.2: Review of Cost Estimates and Construction Schedule

- Perform a peer review of the design team and third-party cost estimates and identify resolutions to potential conflicts between the two estimates.
- Develop a draft Critical Path Method (CPM) Schedule based on the 100% Construction Documents Design Submittals, concurrent with the B/C reviews detailed above.

Subtask 1.3: Final Construction Documents QA/QC

- Perform a complete review of the Final Construction Documents assuring that all documents are consistent and prepared at a high level of professional quality.
- Provide all revisions and comments to the Design Team within 5 working days.

Subtask 1.4: Construction Contractor RFP Development

- Develop a prequalified contractor screening process to be approved by the LCWA and develop a list of qualified contractors that meet the minimum requirements to respond to the RFP.
- Host on-site meetings with potential qualified contractors as necessary to develop a list of pre-qualified contractors that may pursue a proposal.
- Assist the Design Team and the Project Management team with development of a Request for Proposals for the Construction Contractor.

Subtask 1.5: Preconstruction Phase Services Meetings

- Upon receipt of an NTP, the CM shall begin to attend Design Team Meeting held every Wednesday from 12-1pm.
- Coordinate and facilitate Plan review meetings in conjunction with the 100% B/C review and Final construction document review.
- Participate in design review, permit plan check coordination, steering committee meetings, and other Project related meetings on an as-needed basis.

Task 2: Construction Phase Services

Implementation of Construction Phase Services will be authorized under a separate NTP upon release of the Construction Contractor RFP. This Task will extend through the demobilization of the Contractor from the project site. Construction phase services will include Bid Phase Assistance, Contract Award and Execution Support and Construction Management and Inspection Services as detailed below.

Subtask 2.1: Bid Phase Assistance

- Coordinate with the LCWA Project Management Team to establish advertising dates and arrange pre-bid meetings and bid opening dates.
- Assist with coordinating Bid advertisement in appropriate publications and online contractor bid announcement services, including directly contacting pre-qualified contractors to encourage and confirm their participation in the bid.
- Organize and host Pre-Bid meetings and assist with answering bidder questions.
- Coordinate addenda to construction documents as necessary.
- As necessary, assist with coordination with the LCWA and other affected agencies / agencies having jurisdiction.
- Assist with public relations/public outreach activities, as needed.
- Assist with the development of responses to bidder questions during the bidding period.
- Conduct reference checks on the low bidder and listed subcontractors.
- Check state licenses of bidders and sub-bidders.
- Review insurance and bonds for compliance with Contract Documents.
- Compile bid analysis:
 - Tabulate all bids with a detailed breakdown with comparison to latest construction estimate;
 - Identify apparent unbalancing within bids;

- Identify apparent missing items;
- Assist with addressing minor omissions or administrative issues as approved by the LCWA; and
- Repeat the above steps for the next bidder if as-bid numerically low bidder appears to be unresponsive or irresponsible.
- Assist with compiling recommendations to award the successful bidder.
 - Make recommendations for confirmation of the lowest responsive and responsible bidder with a detailed basis, particularly if the as-bid numerically low bidder is not recommended.
 - Assist in the preparation of staff reports for the LCWA Board contract awards.

Subtask 2.2 – Contract Award/Execution Support

- Attend the LCWA Board Meeting for the award of the Construction Contract and be prepared to answer questions for the Board.
- Assist with coordinating Contractor documentation requirements to support execution of the Contract.
- Assist with expediting Contract Execution by the parties.

Subtask 2.3 - Construction Management and Inspection

General Construction Management:

- Establish the Construction Manager (CM) as the primary contact and construction project team leader.
- Provide overall coordination and management of quality assurance, coordination and collaboration with project stakeholders, monitoring and confirmation of safe practices, budget and schedule management, environmental compliance, project expediting and claims avoidance, contract administration, and monitoring and coordination of mitigations monitoring requirements.

Protocol and decorum:

- Establish and maintain a professional and collaborative decorum for interactions with the Contractor and all stakeholders;
- Establish Communications protocol from the Contractor to and from the CM with appropriate communication flows necessary for Project efficiency;
- Coordinate all Project issues with the Public Works Project Manager; and
- Ensure all contractual matters shall require LCWA approval.

Project Safety:

- Establish safety as a top priority for all project stakeholders, monitor project work and adjacent areas for unsafe conditions, promptly require corrective measures to be addressed by the Contractor in compliance with the contract documents, and report such issues and corrective measures taken to the LCWA.
- Implement safety protocols such that the Contractor maintains primary responsibility and liability for the construction site, construction personnel, and public safety.
- Traffic and Public Safety Measure Management and Coordination, including, but not limited to:
 - Monitor and document the proper implementation of the traffic control and public safety measure plans by the Contractor and require corrections and diligent maintenance when required;

- Coordinate review of any traffic control plans required to address special situations and monitor the Contractor's compliance with the Traffic Handling Plans, the MUTCD, or as otherwise provided for in the specifications;
- Address and coordinate apparent conflicts with the adjacent or nearby project, as applicable, including but not limited to by requiring the Contractor to clearly correlate traffic control and public safety measures phasing in the CPM schedule work breakdown structure;
- Ensure particular attention is paid to maintaining safe and efficient public access to and operation of the existing Myrtha pool; and
- Ensure that traffic control and public safety measures are a standard discussion and coordination item at weekly progress meetings.

Construction Site Public Relations:

- The LCWA Project Management Team will maintain the lead role for Project Public Relations.
- The CM shall act as the LCWA's liaison to local businesses, residents, or other stakeholders with concerns related to the project's construction.
- All inquiries received on-site shall be logged and coordinated with the LCWA's Project Manager with the goal of addressing issues quickly and efficiently at the lowest level possible.

Project Construction Meetings:

- The Consultant will coordinate and facilitate a Construction Phase services kickoff meeting upon receipt of an NTP.
- Coordinate and conduct all necessary coordination meetings in-person or remotely during the construction phase, including notification to the Contractor, utility agencies, and other stakeholders.
- Compile and distribute meeting agendas and minutes in Procore (or similar) and via email with exported PDF documents.
- Coordinate the agenda in advance of the meeting with the LCWA's Project Manager.
- Conduct an Initial Schedule Review Conference.
- Conduct a Preconstruction Conference that shall include details on all necessary topics.

Conduct construction progress / coordination meetings:

- The following meetings will be held on-site and made available for remote attendance via a videoconference application, as required:
 - Periodic project team/stakeholder meetings
 - Weekly Progress Meetings – with typical agenda to include: Carryover / recurring items from the Preconstruction Meeting; The Contractor's updated four-week look-ahead schedule; Progress and major decisions during the last week; Update of unresolved items from previous meetings; Pay application update / look ahead; and Status of submittals and change orders.
 - Special, Ad Hoc meetings to discuss important/urgent issues requiring detailed discussion or review of plans and specifications.

Project Documents Control:

- Provide office support for control of project documents as part of CM services, including:
 - Project meeting minutes;

- Prepare a Weekly Statement of Working Days (WSWD) to summarize the construction progress, time of completion, delays, and time extensions, and submit it to the Contractor and the LCWA Project Manager on a weekly basis;
- Track/log preliminary notices, stop notices, releases, and project correspondence;
- Administer submittals and RFIs;
- Provide quality control of inspection reports;
- Assist with Prevailing Wage / PLA compliance matters as applicable
- Provide change management documentation maintenance;
- Assist with the review and analysis of schedule updates, RFIs, submittals, and cost estimates;
- Assist with scheduling and cost control and monitoring; and
- Undertake other duties as assigned by the CM

Document Tracking System:

- This CM will utilize project management and collaboration system (e.g. Procure) for key project documentation
 - The CM will administer the project management and collaboration system
 - Applicable team members of this project will be invited to and are required to create logins for the project management and collaboration system if they do not already have one.
 - Consultant will be expected to obtain drawings, sketches, RFIs, meeting minutes, coordination drawings, change information, etc. via this application
 - Notify subconsultants as relevant items are added. Regularly check and review updated documents as they are added
 - CM will provide applicable Consultant team members with access to training certification course for the project management and collaboration system within (2) two weeks following the Construction Phase NTP
 - The CM will assume all costs associated with the use of the project management and collaboration system and must consider that in their proposal
 - It is recommended that mobile iOS or Android devices be compatibles with the selected project management and collaboration system to provide real-time access to current posted drawings, specifications, RFIs, submittals, project documents, as well as any deficient observations or punch list items. Providing mobile access will improve all parties' communication, efficiency, and productivity.
- Maintain complete and current project files at the job site or at a location agreeable to the LCWA, and ensure the project files are always available to the LCWA. These files will consist of the contract, correspondence relating to or modifying the contract, proposal requests, clarifications, permits, logs, reports, RFIs, field orders, change orders, claims inspection reports, and test reports.
- Implement a detailed file indexing system for all project hard files. All hard copy documentation shall be mirrored in the electronic Project file system.

Submittal Processing:

- The CM will establish a proactive submittals management process to include uploading the "preliminary required submittals log" from the contract documents into Procore.
- Require the Contractor to utilize the Submittals established by the log for the basis of submittal numbering and transmittal.
- Coordinate with the Contractor throughout the Project to update the required submittals log as necessary.
- Administer and expedite Project submittals.

- Receive all contractor submittals and review them for completeness and general conformance with the contract documents prior to involving other Project team members.
- Counsel the Contractor to perform required submittal quality control prior to transmittal as applicable.
- Process all submittals once a submittal is determined to be complete. All substitution / “or equal” requests, product data, certificates of compliance, shop drawings, samples, and other submittals received from the Contractor shall be reviewed expeditiously, with routing to the LCWA Project Manager and the Project Engineer as applicable.
- Track and expedite submittals to ensure timely response and to avoid claims for delay.
- Closely monitor submittal content and review comments to identify potential impacts to quality, cost, or schedule, and recommend alternatives and/or solutions.

Materials Control:

- Establish a material receiving process on-site such that all material deliveries are accompanied by proper delivery documentation satisfactory to confirm all products comply with the plans and specifications, approved submittals, and bear the requisite certificate of compliance for source and product type.
- Flag as unacceptable materials delivered to the site lacking proper documentation and do not allow unacceptable materials to be incorporated into the Work until proper documentation is provided and verified.

Schedule Review:

- Review the Contractor’s submitted scheduler’s qualifications, baseline construction schedule, including activity sequences and duration, schedule of submittals and schedule of delivery for products with long lead times. Evaluate the baseline project schedule for the following:
 - Consistency with the contract schedule (completion within and utilization of the entire contract time);
 - Accurate start dates, completion dates, other dates detailed in the contract;
 - Identify apparent missing activities;
 - Proper inclusion of allowances for inclement weather or other issues as stipulated in the specifications;
 - Sufficient detail, including, but not limited to, submittal process and procurement and lead time requirements;
 - Sequence of construction and correct schedule logic;
 - Identification of the critical path and project float;
 - Utilize the necessary software to check proper logic, constraints, durations, etc;
 - Proper project calendar implementation;
 - Identify apparent redundant activities and relationships;
 - Check proper use of constraints; and
 - Check activity codes for conflicts
- The schedule shall not be recommended for approval as the baseline until all discrepancies are resolved.

Schedule Control:

- During the progress of construction, compare the contractor’s monthly schedule updates to the baseline schedule and any approved time extensions, note any shortcomings, and monitor and track corrections by the contractor to keep the project schedule on track.

- Utilize the necessary software to ensure the accuracy of schedule updates and time impact analyses and review for the parameters checked in the CPM baseline review and identify changes since the prior schedule update.
- Require, receive and review weekly, four-week look-ahead schedules from the Contractor.
- Ensure the Contractor presents the 4-week look-ahead schedule at the weekly construction progress meetings to coordinate the detailed activities anticipated over the next month.
- Negotiate time extensions, only for purported delays that are accompanied by properly compiled time impact analyses that appear to have merit.

Requests For Information (RFIs):

- Upon receipt, review, distribute, and respond to each RFI as required.
- Handle RFIs clearly covered by the contract documents expeditiously, minimizing the involvement of other Project team members when appropriate.
- Ensure RFI numbering stays clear and consistent.
- Distribute and expedite RFIs that require design team or LCWA consideration.
- Identify potential impacts to cost or time that may result due to issues identified in RFIs, with recommended alternatives or solutions to mitigate the potential impacts.
- Indicate merit determination in RFI responses as appropriate.

Problem Solutions:

- Proactively anticipate and expeditiously resolve field problems.
- Process issues with the appropriate sense of urgency as applicable to each issue for the best interests of the Project.
- Present issues to the LCWA with suggested alternatives, cost and schedule impacts and recommended solutions.
- Expeditiously coordinate the implementation of the alternative/solution that suits the best interests of the Project, and that is approved by the LCWA.
- Expeditiously communicate with the LCWA, project manager, design consultants, and the Contractor and/or other project stakeholders, as applicable, to identify conflicts, construction problems, coordination issues and obtain the needed action and response to submittals, RFIs, and supplemental design documents.

Interpretation and Technical Assistance:

- Coordinate and expedite issues between the contractor, design team, and LCWA to clarify any questions for interpretation of the construction documents.
- Process timely, firm, and fair determinations to minimize cost and time impacts to the Project.

Written Instructions:

- The CM shall not rely on verbal communications for key Project or contractual issues.
- The CM shall issue written instructions (via email, PM system, transmittal letter, field speed memo, or other written method) to the Contractor regarding routine matters and/or follow-up of verbal instructions as necessary to properly document project issues.

Progress Payment Processing:

- Establish a cost control system based on the Contractor's schedule of values, approved change orders, and the contract amount to monitor progress costs.

- Monthly cost reports will be submitted to the LCWA, along with the Consultant's pay application recommendation.
- Bid Item Measurement and Quantity Measurement Reports:
 - Establish bid item quantity measurement forms and methods for each bid item to document detailed quantity measurements for work as it is installed.
 - Monthly Quantity Measurement reports shall track the cumulative amount measured on each bid item until each bid item's measurements are complete.
 - Cross-reference bid item measurements to the monthly quantity measurement report.
 - The monthly quantity measurement report shall be certified by the inspector, CM, and LCWA Project Manager
- Review the payment applications submitted by the Contractor and determine whether the amount requested reflects the progress of the Contractor's work.
- Appropriate adjustments to each payment application will be required by the Contractor.
- When the payment application is acceptable, and all required backup documentation is verified, the Consultant shall recommend the payment application for approval and processing by the LCWA, along with the monthly quantity measurement report.

Cashflow Management:

- Diligently monitor and track preliminary notices, conditional and unconditional releases for each payment.
- Maintain a detailed log of preliminary notices and require conditional and unconditional releases from the contractor for all first-tier subcontractors and any-tier subcontractors that submit a preliminary notice.
- Should any stop notices be received, coordinate proactively with the Contractor to address the release of the stop notice and coordinate with the LCWA's Project Manager to withhold 150 percent (150%) of the stop notice amount from progress and/or retention payments until the proper unconditional release is documented.

Change Management:

- Establish, implement, and coordinate systems for consideration, negotiation, processing, and implementation of change orders.
- For each issue which is identified as a potential change to the design, scope, cost, or contract, generate a uniquely numbered potential change order (PCO) number.
- Coordinate with the LCWA's Project Manager for determination of whether each purported change issue is of merit.
- When merit is confirmed, negotiate the scope and cost for the most efficient, cost and quality appropriate solution with the Contractor and LCWA. Confirm that appropriate and fair credits for work deleted because of the change are included.
- Maintain a trend log, listing potential changes as identified, either formally or informally.
- Prepare independent cost estimates, as required, for negotiation and confirmation of fair pricing on contract change orders.
- Upon approval by the LCWA, prepare, log and process change orders for full execution, and administer their implementation.
- Once fully executed, expedite and review the timely completion of the work and coordinate inclusion of the change order in the appropriate payment application.

Claims Resolution:

- Assist the LCWA with claims filed by the Contractor and/or subcontractors in accordance with the guidelines set forth by the general specifications and the standard specifications, as needed.

Environmental Compliance

- The CM will ensure that the contractor is communicating with the Environmental Compliance team in regard to on-site activities that may require biological, archeological, or tribal monitoring.
- The CM will make arrangements for all Contractors, Subcontractors, vendors, or visitors who may be working in or accessing biologically sensitive areas to participate in the required Environmental Awareness Training provided by the Project Biological Specialist.
- The CM is responsible for tracking compliance with all permit conditions in cooperation with the LCWA Project Management Team.

Site web camera monitoring and time-lapse video presentation:

- Deploy and maintain up to four (4) site web cameras for real-time monitoring of construction operations and progress.
- Provide real-time access to site webcam and photos to Project team members as directed by the LCWA.
- Provide a time-lapse video compilation/ presentation of construction progress, with musical accompaniment, at the completion of the Project.

Photographs:

- Work with Inspection staff to prepare and maintain an electronic photo journal documenting the construction progress.
- Photos shall be taken before construction begins, during construction, and upon completion of the Project.
- Photos should include bi-weekly aerial documentation of the site progress via drone.

Utility Coordination:

- Assist the Contractor in dealing with utility owners to coordinate and expedite temporary and permanent utility installations, utility relocations utility access structure adjustments, and observation of utilities needing protection.

Monthly CM progress reports:

- Cooperatively develop, with the LCWA's Project Manager, the format and content for progress reports required during the construction of the Project.
- Progress reports shall be compiled and submitted monthly after each Contractor pay application is processed and shall include a summarized report of construction activities, including significant events, accomplished goals, and all other pertinent project progress details.
- Progress report will be used by LCWA staff to communicate project update to LCWA Executive Staff and Board Members.

Quality Assurance:

- Ensure that the Contractor follows the requirements of all Project Permits, including but not limited to: Coastal Development Permit, Lake and Streambed Alteration Agreement, Restoration Management Permit, NPDES, and ACOE Nationwide Permit.
- Collaboratively develop with the LCWA's Project team and implement a Project-specific quality assurance plan.

- Work with the inspection team to coordinate laboratory, job site, and offsite/source inspection and testing of construction materials and required observations per the QAP, construction documents, construction codes, and Jurisdictional Agencies.
- Perform and/or coordinate QA/QC activities daily and review activities as they happen, such that QA/QC procedures are followed, and deficiencies are resolved in a timely and efficient manner.
- Work with the inspection team to monitor testing services, track documentation, and continuously document and log testing results.
- When necessary, coordinate, monitor, and document that the Contractor implements corrective measures. Re-inspect the corrected work to verify acceptable completion.
- The CM will provide a comprehensive general inspection that ensures the Contractor is meeting all BMPs, permit conditions, and general construction site upkeep and security.
- The CM will oversee a third-party that will perform the following Specialty and Deputy inspection, soils, and materials testing.
- QA Surveying – establish and maintain overall survey controls, spot check the Contractor's construction staking, monument establishment, preservation and/or replacement, determine and confirm critical facility dimensions and stipulated constraints.

Close-out coordination and documentation:

- Enforce the provisions of the specifications to require and expedite the Contractor to submit well-coordinated operations and maintenance manuals, warranties and guarantees, bonds, extra stock and/or other items required by the contract documents such that a timely close-out of the project is implemented.
- Perform closeout duties, including final organization and submittal of project files both to the LCWA and local City departments as necessary, including testing reports, special inspection reports, affidavits for final approval, and assist with the filing of the notice of completion and release of retention.

Pre-final Inspection:

- Coordinate with appropriate project team members, perform the final job walk and prepare the punch list (deficiency list).
- Coordinate, expedite, and observe the completion of required corrections.

Final Inspection:

- Confirm satisfactory completion of all punch list items before coordinating the final inspection walk with Project stakeholders.
- Recommend project acceptance and processing of the Notice of Completion once the LCWA concurs with acceptance.
- Upon completion of the punch list and final sign-off by all project team members, recommend the Contractor's final progress payment request for approval and prepare the final progress payment report for submission to the LCWA.

Delivery of As-Builts and Close-out Documents:

- Review the Contractor's as-built updates in conjunction with monthly pay application reviews.
- Identify missing updates and require the Contractor to keep as-built records up to date throughout the project as required by the specifications.
- Review and compare the Contractor's submittal of "as-constructed" conditions with all other related Project documentation.

- Resolve apparent discrepancies from known and/or otherwise documented as built conditions.
- Submit completed “as-constructed” plans to the LCWA.

Post Construction Support:

- Assist the LCWA with resolution of post-construction issues, including, but not limited to, user department inquiries and issues, resolution of stop notices or notices from the labor commissioner as required.

Exhibit D

Links to 90% Designs

[Southern Area 90% Design Plans](#)

[Draft Basis of Design Report](#)

[90% Technical Specifications](#)

Exhibit E
Standard LCWA Consultant Contract

LCWA XXXX
AGREEMENT FOR CONSULTANT SERVICES

THIS AGREEMENT made and entered into this **XX day of Month 20XX** and includes a notice to proceed, as attached.

BY AND BETWEEN

Los Cerritos Wetlands Authority (LCWA),
a joint powers authority between the San
Gabriel and Lower Los Angeles Rivers
and Mountains Conservancy (RMC),
State Coastal Conservancy (SCC) and
Cities of Long Beach and Seal Beach.

AND

[Consultant/ Firm], hereinafter
referred to as "Consultant,"

LCWA has determined that it is a matter of public convenience and necessity to engage the specialized services of a Consultant to provide for services on the **[Project Name]**. The Consultant is a recognized professional with extensive experience and training in this specialized field. In rendering these services, Consultant shall, at a minimum, exercise the ordinary care and skill expected of the average practitioner in Consultant's profession acting under similar circumstances. The work will involve the performance of professional, expert, and/or technical services of a temporary or part-time duration; and

The parties hereto do mutually agree as follows:

1. Definition

"LCWA" means the joint powers authority between the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy (RMC), State Coastal Conservancy and Cities of Long Beach and Seal Beach

2. Consultant's Services

The scope of work shall be as outlined in **Exhibit A - Scope of Work and Fee Schedule**. Additional details of the original Scope of Work, Consultant's experience, and Fee Schedule are attached as **Exhibit B - RFP Response**, for reference. No work shall commence on this project until a written Notice to Proceed is issued by LCWA.

3. Consideration

In consideration of the performance by Consultant in a manner satisfactory to LCWA of the services described in Article 2 above, including receipt and

acceptance of such work by the Executive Officer of the LCWA (hereinafter called Executive Officer), LCWA agrees to pay Consultant a maximum not to exceed fee of XXXX dollars (\$X).

LCWA shall compensate Consultant as follows:

a. Payments for the work accomplished shall be made upon verification and acceptance of such work by the Executive Officer. Invoices shall be accompanied by an analysis of work completed for the invoice period.

b. Supplemental Consultant Services may be required at LCWA's discretion, upon prior written authorization by Executive Officer, and will be based on Consultant's fee schedule on file with Executive Officer.

c. Consultant may select the time and place of performance for these services; provided, however, that access to the LCWA documents, records and the like, if needed by Consultant, shall be available only during the LCWA's normal business hours and provided that milestones for performance, if any, are met.

d. The LCWA shall pay Consultant within thirty (90) days following receipt from the Consultant and approval by the LCWA of invoices showing the services or task performed, the time expended (if billing is hourly), and the name of the Project. Consultant shall certify on the invoices that Consultant has performed the services in full conformance with this Agreement and is entitled to receive payment. Each invoice shall be accompanied by a progress report indicating the progress to date of services performed and covered by the invoice, including a brief statement of any Project problems and potential causes of delay in performance, and listing those services that are projected for performance by Consultant during the next invoice cycle. Where billing is done, and payment is made on an hourly basis, the parties acknowledge that this arrangement is either customary practice for Consultant's profession, industry or business, or is necessary to satisfy audit and legal requirements which may arise due to the fact that the LCWA is a joint powers authority.

e. Consultant represents that Consultant has obtained all necessary information on conditions and circumstances that may affect its performance and has conducted site visits, if necessary.

f. The term of this Agreement shall commence on XXXXX, 20XX and shall terminate on XXXXX, 20XX, unless terminated sooner as provided in this Agreement, or unless the services or the Project is completed sooner.

g. In the event that budget reductions occur in any fiscal year covered by this Agreement that may cause LCWA to consider terminating this Agreement, the parties agree to attempt to renegotiate the terms of this Agreement to reduce the cost thereof in lieu of termination under the termination provisions of the contract.

h. Consultant will not be required to perform services which will exceed the contract amount, approved workplan and budget, and contract dates without amendment to this Agreement.

i. Consultant will not be paid for any expenditure beyond the contract amount stipulated without amendment to this Agreement.

4. Materials, Equipment and Supplies

a. Consultant agrees to furnish all necessary equipment and supplies used in the performance of the aforementioned services and as agreed per the attached approved grant agreements.

b. Consultant shall furnish all labor and supervision, supplies, materials, tools, machinery, equipment, appliances, transportation, and services necessary to or used in the performance of Consultant's obligations hereunder.

5. LCWA's Responsibility

LCWA will make available any items specified in the Request for Proposals.

6. LCWA's Representative

Executive Officer, or authorized representative, shall represent LCWA in all matters pertaining to the services to be rendered pursuant to this Agreement.

7. Coordination and Organization

a. Consultant shall coordinate performance hereunder with the LCWA's representative, if any, named in Exhibit "C", attached hereto and incorporated herein by this reference. Consultant shall advise and inform the LCWA's representative of the work in progress on the Project in sufficient detail so as to assist the LCWA's representative in making presentations and in holding meetings for the exchange of information. The LCWA shall furnish to Consultant information or materials, if any, described in Exhibit "C" attached to this Agreement and incorporated herein by this reference.

b. The parties acknowledge that a substantial inducement to the LCWA for entering this Agreement was and is the reputation and skill of Consultant's key employees, XXXXX as well as the Consultant's subconsultants, XXXXX. The LCWA shall have the right to approve any person proposed by Consultant to replace that key employee or firm proposed to replace the subconsultants.

8. Independent Contractor

a. In performing its services, hereunder, Consultant is and shall act as an independent contractor and not an employee, representative or agent of the LCWA. Consultant shall have control of Consultant's work and the manner in which it is performed. Consultant shall be free to contract for similar services to be performed for others during this Agreement; provided, however, that Consultant acts in accordance with Section 9 and Section 11 of this Agreement.

b. This Agreement is by and between LCWA and Consultant and is not intended, and shall not be construed, to create the relationship of agent, employee, partnership, joint venture, or association, as between LCWA and Consultant.

c. Consultant shall bear the sole responsibility and liability for furnishing workers' compensation benefits to any person for injuries arising from, or connected with, services performed on behalf of Consultant pursuant to this Agreement.

d. Consultant acknowledges and agrees that (a) the LCWA will not withhold taxes of any kind from Consultant's compensation; (b) the LCWA will not secure workers' compensation or pay unemployment insurance to, for or on Consultant's behalf; and (c) the LCWA will not provide and Consultant is not entitled to any of the usual and customary rights, benefits or privileges of the LCWA employees. Consultant expressly warrants that neither Consultant nor any of Consultant's employees or agents shall represent themselves to be employees or agents of the LCWA.

9. Ownership of Data

All materials, information and data prepared, developed or assembled by Consultant or furnished to Consultant in connection with this Agreement, including but not limited to documents, estimates, calculations, studies, maps, graphs, charts, computer disks, computer source documentation, samples, models, reports, summaries, drawings, designs, notes, plans, information, material, and memorandum ("Data") shall be the exclusive property of the LCWA. Data shall be given to the LCWA and the LCWA shall have the unrestricted right to use and disclose the Data in any manner and for any purpose without payment of further compensation to the Consultant. Copies of Data may be retained by Consultant but Consultant warrants that all Data shall not be made available to any person or entity for use without the prior approval of the LCWA. Said warranty shall survive termination of this Agreement for five (5) years. LCWA acknowledges that its alteration of Data or use of Data for any purpose other than the subject project without the express consent of Consultant is at LCWA's own risk and without liability to Consultant.

10. Termination

a. The terms of this Agreement shall commence on the date stipulated in the Notice to Proceed, and unless otherwise modified, shall terminate on the date that the work is accepted by the LCWA. The LCWA may, at its sole option and discretion, cancel or terminate this Agreement, without any liability other than payment for work

already performed, up to the date of termination by giving thirty (30) calendar days written notice of such termination to Consultant.

b. The consultant shall have the right to terminate this Agreement for any reason or no reason at any time by giving thirty (30) calendar days prior notice to the other party. In the event of termination under this Section, the LCWA shall pay Consultant for services satisfactorily performed and costs incurred up to the effective date of termination for which Consultant has not been previously paid. The procedures for payment in Section 3 (d) with regard to invoices shall apply. On the effective date of termination, Consultant shall deliver to the LCWA all Data developed or accumulated in the performance of this Agreement, whether in draft or final form, or in process. And, Consultant acknowledges and agrees that the LCWA's obligation to make final payment is conditioned on Consultant's delivery of the Data to the LCWA.

c. LCWA may also, by written notice to Consultant, immediately terminate the right of Consultant to proceed under this Agreement if it is found that consideration, in any form, was offered or given by Consultant, either directly or through an intermediary, to any LCWA Executive Officer, employee, or agent with the intent of securing the Agreement or securing favorable treatment with respect to the award, amendment, or extension of the Agreement or the making of any determinations with respect to Consultants' performance pursuant to the Agreement. In the event of such termination, LCWA shall be entitled to pursue the same remedies against Consultant as it could pursue in the event of default by Consultant.

11. Confidentiality

Consultant shall keep the Data confidential and shall not disclose the Data or use the Data directly or indirectly other than in the course of services provided hereunder during the term of this Agreement and for five (5) years following expiration or termination of this Agreement. In addition, Consultant shall keep confidential all information, whether written, oral, or visual, obtained by any means whatsoever in the course of Consultant's performance hereunder for the same period of time. Consultant shall not disclose any or all of the Data to any third party, nor use it for Consultant's own benefit or the benefit of others except for the purpose of this Agreement.

12. Breach of Confidentiality

Consultant shall not be liable for a breach of confidentiality with respect to Data that: (a) Consultant demonstrates Consultant knew prior to the time the LCWA disclosed it; or (b) Is or becomes publicly available without breach of this Agreement by Consultant; or (c) a third party who has a right to disclose does so to Consultant without restrictions on further disclosure; or (d) must be disclosed pursuant to subpoena or court order.

13. Assignment and Subcontracting

a. This Agreement shall not be assigned without the prior written consent of LCWA. Any attempt to assign without such consent shall be void and confer no rights on any third parties.

b. This Agreement contemplates the personal services of Consultant and Consultant's employees, and the parties acknowledge that a substantial inducement to the LCWA for entering this Agreement was and is the professional reputation and competence of Consultant and Consultant's employees. Consultant shall not assign its rights or delegate its duties under this Agreement, or any interest in this Agreement, or any portion of it, without the prior approval of the LCWA, except that Consultant may with the prior approval of the LCWA Executive Officer, assign any moneys due or to become due Consultant under this Agreement. Any attempted assignment or delegation shall be void, and any assignee or delegate shall acquire no right or interest by reason of an attempted assignment or delegation. Furthermore, Consultant shall not subcontract any portion of its performance without the prior approval of the LCWA Executive Officer or designee, or substitute an approved sub-consultant or contractor without approval prior to the substitution. Nothing stated in this Section shall prevent Consultant from employing as many employees as Consultant deems necessary for performance of this Agreement.

14. Conflict of Interest

a. Consultant, by executing this Agreement, certifies that, at the time Consultant executes this Agreement and for its duration, Consultant does not and will not perform services for any other client which would create a conflict, whether monetary or otherwise, as between the interests of the LCWA and the interests of that other client. And, Consultant shall obtain similar certifications from Consultant's employees, sub-consultants and contractors.

b. No LCWA employee in a position to influence the award of this Agreement or any competing agreement, and no spouse or economic dependent of such employee, shall be employed in any capacity by Consultant herein, or have any other direct or indirect financial interest in this Agreement.

15. Gratuities

a. It is improper for any LCWA Executive Officer, employee, or agent to solicit consideration, in any form, from Consultant with the implication, suggestion, or statement that Consultant's provision of the consideration may secure more favorable treatment for Consultant in the award of the contract or that Consultants' failure to provide such consideration may negatively affect LCWA's consideration of Consultant's submittal. Consultant shall not offer or give, either directly or through an intermediary, consideration, in any form, to a LCWA Executive Officer, employee, or agent for the purpose of securing favorable treatment with respect to the award of the contract.

b. Consultant shall immediately report any attempt by a LCWA Executive Officer, employee, or agent to solicit such improper consideration. The report shall be made to Executive Officer. Among other items, such improper consideration may take the form of cash, discounts, services, the provision of travel or entertainment, or tangible gifts.

16. Additional Costs and Redesign

Any costs incurred by the LCWA due to Consultant's failure to meet the standards required by the scope of work or Consultant's failure to perform fully the tasks described in the scope of work which, in either case, causes the LCWA to request that Consultant perform again all or part of the Scope of Work shall be at the sole cost of Consultant and the LCWA shall not pay any additional compensation to Consultant for its re- performance.

17 Law

This Agreement shall be governed by and construed pursuant to the laws of the State of California (except those provisions of California law pertaining to conflicts of laws). Consultant shall comply with all laws, ordinances, rules and regulations of and obtain all permits, licenses and certificates required by all federal, state and local governmental authorities.

18. Entire Agreement

This Agreement, including all Exhibits and Attachments constitute the entire understanding between the parties and supersedes all other agreements, oral or written, with respect to the subject matter in this Agreement, and may be modified only by further written Agreement between the parties hereto.

19. Indemnification

For damages, claims, liabilities, costs, suits, or expenses arising from Consultant's lawful activities on behalf of the LCWA under this Agreement, LCWA agrees to indemnify and hold harmless Consultant against any and all damages, claims, liabilities, costs, suits, or expenses for which LCWA would be liable if Consultant were an employee.

Consultant agrees to indemnify, defend, and hold harmless LCWA, RMC, and the Cities of Long Beach and Seal Beach, agents, and employees from and against any and all liability, expense, including reasonable defense costs and legal fees, and claims for damages of any nature whatsoever, including, but not limited to, bodily injury, death, personal injury, or property damage arising from, or connected with, Consultant's negligent, willful, or unlawful actions, operations, or services hereunder including any Workers' Compensation suits, liability, or expense arising from, or connected with, services pursuant to this Agreement.

20. Liability and Insurance

a. As a condition precedent to the effectiveness of this Agreement, Consultant shall procure and maintain, at Consultant's expense for the duration of this Agreement, from insurance companies that are admitted to write insurance in California and have ratings of or equivalent to "A:V" by A.M. Best Company, Inc. or from authorized non-admitted insurance companies subject to Section 1763 of the California Insurance

Code and that have ratings of or equivalent to "A:VIII" by A.M. Best Company, Inc., the following insurance: (a) Commercial general liability insurance (equivalent in scope to ISO form CG 00 01 11 85 or CG 00 01 10 93) in an amount not less than \$2,000,000 per each occurrence and \$2,000,000 general aggregate. This coverage shall include but not be limited to broad form contractual liability, cross liability, independent contractors' liability, and products and completed operations liability. This policy shall be endorsed to state that the insurer waives its right of subrogation against the LCWA, its boards and their officials, employees and agents. (b) Workers' Compensation insurance as required by the State of California Labor Code and employer's liability insurance in an amount not less than \$1,000,000. This policy shall be endorsed to state that the insurer waives its right of subrogation against the LCWA, its boards and their officials, employees and agents. (c) Professional liability or errors and omissions insurance in an amount not less than \$1,000,000 per claim. (d) Commercial automobile liability insurance (equivalent in scope to ISO form CA 00 01 06 92), covering Auto Symbol 1 (Any Auto) in an amount not less than \$1,000,000 combined single limit per accident.

a. Consultant has selected Indemnification and Insurance Provisions as outlined in Exhibit D.

b. This Agreement shall be subject to the Indemnification and Insurance Provisions set forth in the alternative identified by Consultant above. Such provision is hereby incorporated into this Article by reference.

21. Ambiguity

In the event of any conflict or ambiguity between this Agreement and any Exhibit, the provisions of this Agreement shall govern.

22. Costs

If there is any legal proceeding between the parties to enforce or interpret this Agreement or to protect or establish any rights or remedies under it, the prevailing party shall be entitled to its costs, including reasonable attorneys' fees.

23. Nondiscrimination

a. In connection with performance of this Agreement and subject to applicable rules and regulations, Consultant shall not discriminate against any employee or applicant for employment because of race, religion, national origin, color, age, sex, sexual orientation, gender identity, AIDS, HIV status, handicap or disability. Consultant shall ensure that applicants are employed, and that employees are treated during their employment, without regard to these bases. These actions shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.

b. Consultant specifically recognizes and agrees that if LCWA finds that any of the foregoing provisions have been violated, the same shall constitute a material breach of contract upon which LCWA may determine to cancel, terminate, or suspend the contract. While LCWA reserves the right to determine individually that the anti-discrimination provision of the contracts have been violated, in addition, a determination by the California Fair Employment Practices Commission or the Federal Equal Employment Opportunity Commission that Consultant has violated state or federal anti-discrimination laws shall constitute a finding by LCWA that Consultant has violated the anti-discrimination provisions of the contract.

c. At its option, and in lieu of canceling, terminating, or suspending the contract, LCWA may impose damages for any violation of the anti-discrimination provisions of this paragraph, in the amount of Two Hundred Dollars (\$200) for each violation found and determined. LCWA and Consultant specifically agree that the aforesaid amount shall be imposed as liquidated damages, and not as a forfeiture or penalty. It is further specifically agreed that the aforesaid amount is presumed to be the amount of damages sustained by reason of any such violation, because from the circumstances and the nature of the violation, it is impracticable and extremely difficult to fix actual damages.

24. Fair Labor Standards Act

Consultant shall comply with all applicable provisions of the Federal Fair Labor Standards Act, and shall indemnify, defend, and hold harmless LCWA, its agents, Executive Officers and employees from any and all liability including, but not limited to, wages, overtime pay, liquidated damages, penalties, court costs, and attorneys' fees arising under any wage and hour law including, but not limited to, the Federal Fair Labor Standards Act for services performed by Consultant's employees for which LCWA may be found jointly or solely liable.

25. Prevailing Wage Requirements

Consultant shall comply with all applicable prevailing wage requirements.

26. Employment Eligibility Verification

Consultant warrants that it fully complies with all federal statutes and regulations regarding employment of aliens and others, and that all its employees performing services hereunder meet the citizenship or alien status requirements contained in federal statutes and regulations. Consultant shall obtain, from all covered employees performing services hereunder, all verifications and other documentation of employment eligibility status required by federal statutes and regulations as they currently exist and as they may be hereafter amended. Consultant shall retain such documentation for all covered employees for the period prescribed by law. Consultant shall indemnify, defend, and hold harmless LCWA, its Executive Officers and employees from employer sanctions and any other liability which may be assessed against Consultant or LCWA in connection with any alleged violation of

federal statutes or regulations pertaining to the eligibility for employment of persons performing services under this Agreement.

27. LCWA 's Quality Assurance Plan

LCWA, or its agent, will evaluate Consultant's performance under this Agreement on not less than an annual basis. Such evaluation will include assessing Consultants' compliance with all contract terms and performance standards. Consultant deficiencies which LCWA determines are severe or continuing, and that may place performance of the Agreement in jeopardy if not corrected, will be reported to the LCWA Board. The report will include improvement/corrective action measures taken by LCWA and Consultant. If improvement does not occur consistent with the corrective action measures, LCWA may terminate this Agreement or impose other penalties as specified in this Agreement.

28. Reduction of Solid Waste

Consistent with the LCWA's policy to reduce the amount of solid waste deposited in landfills, the Consultant agrees to use recycled-content paper to the maximum extent possible on the project.

29. Copyright and Patent Rights

a. Consultant shall place the following copyright protection on all Data: © LCWA , inserting the appropriate year.

b. The LCWA reserves the exclusive right to seek and obtain a patent or copyright registration on any Data or other result arising from Consultant's performance of this Agreement. By executing this Agreement, Consultant assigns any ownership interest Consultant may have in the Data to the LCWA.

c. Consultant warrants that the Data does not violate or infringe any patent, copyright, trade secret or other proprietary right of any other party. Consultant agrees to and shall protect, defend, indemnify and hold the LCWA, its officials and employees harmless from any and all claims, demands, damages, loss, liability, causes of action, costs or expenses (including reasonable attorney's fees) whether or not reduced to judgment, arising from any breach or alleged breach of this warranty.

30. Covenant Against Contingent Fees

Consultant warrants that Consultant has not employed or retained any entity or person to solicit or obtain this Agreement and that Consultant has not paid or agreed to pay any entity or person any fee, commission or other monies based on or from the award of this Agreement. If Consultant breaches this warranty, the LCWA shall have the right to terminate this Agreement immediately notwithstanding the provisions of Section 10 or, in its discretion, to deduct from payments due under this Agreement or otherwise recover the full amount of the fee, commission or other monies.

31. Waiver

The acceptance of any services or the payment of any money by the LCWA shall not operate as a waiver of any provision of this Agreement or of any right to damages or indemnity stated in this Agreement. The waiver of any breach of this Agreement shall not constitute a waiver of any other or subsequent breach of this Agreement.

32. Tax Reporting

As required by federal and state law, the LCWA is obligated to and will report the payment of compensation to Consultant on Form 1099- Misc. Consultant shall be solely responsible for payment of all federal and state taxes resulting from payments under this Agreement. Consultant shall submit Consultant's Employer Identification Number (EIN), or Consultant's Social Security Number if Consultant does not have an EIN, in writing to the LCWA. Consultant acknowledges and agrees the LCWA has no obligation to pay Consultant until Consultant provides one of these numbers.

33. Advertising

Consultant shall not use the name of the LCWA, its officials or employees in any advertising or solicitation for business or as a reference, without the prior approval of the LCWA Executive Officer or designee.

34. Audit

The LCWA shall have the right at all reasonable times during the term of this Agreement and for a period of five (5) years after termination or expiration of this Agreement to examine, audit, inspect, review, extract information from and copy all books, records, accounts and other documents of Consultant relating to this Agreement.

35. Covenant Against Contingent Fees

This Agreement is not intended or designed to or entered for the purpose of creating any benefit or right for any person or entity of any kind that is not a party to this Agreement.

36. Consultant Responsibility and Debarment

a. A responsible Consultant is a Consultant who has demonstrated the attribute of trustworthiness, as well as quality, fitness, capacity, and experience to satisfactorily perform the contract. It is the LCWA's policy to conduct business only with responsible Consultants. Notwithstanding any other provision, no fiduciary relationship is created under this Agreement.

b. The Consultant is hereby notified that if the LCWA acquires information concerning the performance of the Consultant on this or other contracts which indicates that the Consultant is not responsible, the LCWA may, in addition to other remedies provided in the contract, debar the Consultant from bidding on LCWA

contracts for a specified period of time not to exceed three (3) years, and terminate any or all existing contracts the Consultant may have with the LCWA.

c. The LCWA may debar a Consultant if the Board finds, in its discretion, that the Consultant has done any of the following: 1) violated any term of a contract with the LCWA; 2) committed any act or omission which negatively reflects on the Consultant's quality, fitness, or capacity to perform a contract with the LCWA or any other public entity, or engaged in a pattern or practice which negatively reflects on same; 3) committed an act or offense which indicates a lack of business integrity or business honesty; 4) made or submitted a false claim against the LCWA or any other public entity. or 5) failure to disclose any acts or omissions listed above to the LCWA.

d. These terms shall also apply to subconsultants of the LCWA Consultant.

37. No Payment for Services Provided Following Expiration and/or Termination of Agreement

Consultant shall have no claim against LCWA for payment for any money or reimbursement, of any kind whatsoever, for any service provided by Consultant after the expiration or other termination of this Agreement. Should Consultant receive any such payment it shall immediately notify LCWA and shall immediately repay all such funds to LCWA. Payment by LCWA for services rendered after expiration/termination of this Agreement shall not constitute a waiver of LCWA's right to recover such payment from CONSULTANT. This provision shall survive the expiration or other termination of this Agreement.

38. Notices

Any notice required or desired to be given pursuant to this Agreement shall be given in writing and addressed as follows. Notice of change of address shall be given in the same manner as stated for other notices. Notice shall be deemed given on the date deposited in the mail or on the date personal delivery is made, whichever occurs first.

LCWA

Los Cerritos Wetlands Authority
100 N. Old San Gabriel Canyon Road
Azusa, CA 91702
(626) 815-1019

CONSULTANT

NAME

ADDRESS

CONTACT INFO

LCWA XXXXX

The address for notice may be changed by giving notice pursuant to this paragraph.

1. Entire Agreement

This contract constitutes the entire Agreement between LCWA and Consultant and may be modified only by further written Agreement between the parties hereto.

LCWA

Consultant

By _____

By _____

Mark Stanley

Consultant Signatory

EXHIBITS AND ATTACHMENTS

Exhibit A:	Scope of Work and Fee Schedule
Exhibit B:	Consultant's RFP Response
Exhibit C:	LCWA's Representative
Exhibit D:	Consultant's Insurance
Attachment A:	Timeline, Tasklist and Deliverables



los cerritos wetlands



CONSTRUCTION MANAGEMENT SERVICES FOR THE SOUTHERN LOS CERRITOS WETLANDS RESTORATION PROJECT



SYRUSA Engineering, Inc.

255 W. Central Avenue
Suite 204
Brea, California 92821

1

Cover Letter



Cover Letter



Year Founded:
2009

Organization:
California Corporation

Federal ID No.:
271663172

Headquarters:
255 W. Central Ave.,
Suite 204
Brea, CA 92821

Services Offered:
SYRUSA provides construction management, structure representative, resident engineer, and structure construction inspection services for clearing and grubbing; demolition of existing power poles, existing culverts, headwalls, existing concrete pads and curbs; contaminated soil removal and disposal; earthwork; berm construction; culvert construction; water line and electrical line relocation; temporary road maintenance; roadway improvements; and landscaping and irrigation

Certifications:



Los Cerritos Wetlands Authority
Chad Oberly
Staff Services Manager
coberly@rmc.ca.gov

RE: Construction Management Services for the Southern Los Cerritos Wetlands Restoration Project

Dear Chad Overly and members of the selection committee,

SYRUSA Engineering, Inc. (SYRUSA) looks forward to working with the Los Cerritos Wetlands Authority (LCWA) on the Southern Los Cerritos Wetlands Restoration Project (Project). We are known for our expertise in complex public works projects and are the most qualified firm to deliver construction management services on this Project.

Proposing Firm Structure and Certifications

☒ We are a California-based corporation as well as a Minority and Woman-Owned Small Business, a Certified Disadvantaged Business Enterprise (DBE) CUCP #50333, and a Certified California Small Business for Public Works and Small Business (Micro) DGS Certification No. 1581340.

Signature Authority

I, Gerardo (Jerry) De Santos, am authorized to negotiate and sign all agreements on behalf of SYRUSA.

Point of Contact

Gerardo (Jerry) De Santos; 255 W. Central Ave., Suite 204, Brea, CA 92821; (949) 933-5521; gdesantos@syrusaengineering.com

Subconsultants

SYRUSA has partnered with subconsultants that have proven experience and were selected for their competence and ability to deliver this project for LCWA.

- **BGB Design Group, Inc.;** *Role: Landscape Architectural Construction Management;* ☒ Certified Small Business (DGS Certification No. 1156782)
- **VCS Environmental;** *Role: Environmental Services;* ☒ Certified Woman-Owned (WBE No. 7EN00048), Small (Certified California Small Business for the Purpose of Public Works (SB-PW) DGS Certification No. 58803), and Disadvantage (Los Angeles Metro DBE and SBE No. 5729) Business Enterprise
- **GUIDA;** *Role: QA Surveys;* ☒ Certified Small Business Enterprise (DGS Certification No. 26277)
- **Twining, Inc.;** *Role: Material Testing and Inspection Services*

We look forward to hearing from you. Please do not hesitate to contact us if you require more information or have any questions.

Sincerely,

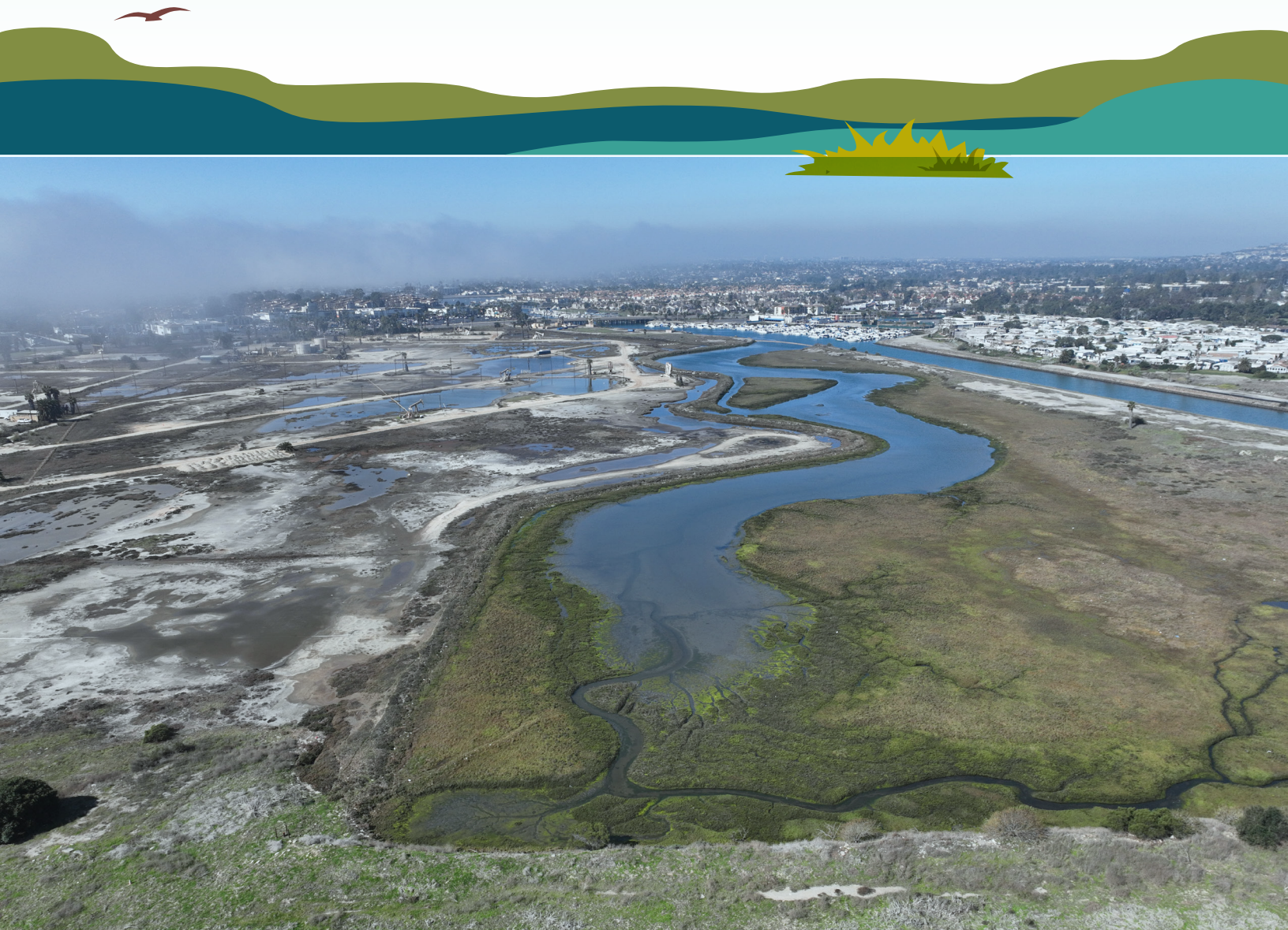


Gerardo De Santos, PE
Vice President, Construction Services
SYRUSA Engineering, Inc.



2

W9



**Request for Taxpayer
Identification Number and Certification**

Go to www.irs.gov/FormW9 for instructions and the latest information.

**Give form to the
requester. Do not
send to the IRS.**

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See Specific Instructions on page 3.	1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.) SYRUSA Engineering, Inc.	
	2 Business name/disregarded entity name, if different from above.	
	3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C corporation <input checked="" type="checkbox"/> S corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) _____ (Applies to accounts maintained outside the United States.)
	3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions <input type="checkbox"/>	
	5 Address (number, street, and apt. or suite no.). See instructions. 255 W. Central Ave, Suite 204	Requester's name and address (optional)
6 City, state, and ZIP code Brea, CA 92821		
7 List account number(s) here (optional)		

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Social security number								
			-				-	
or								
Employer identification number								
2	7	-	1	6	6	3	1	7

Note: If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person <i>May M Zablout</i>	Date 3/24/2025
------------------	--	--------------------------

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

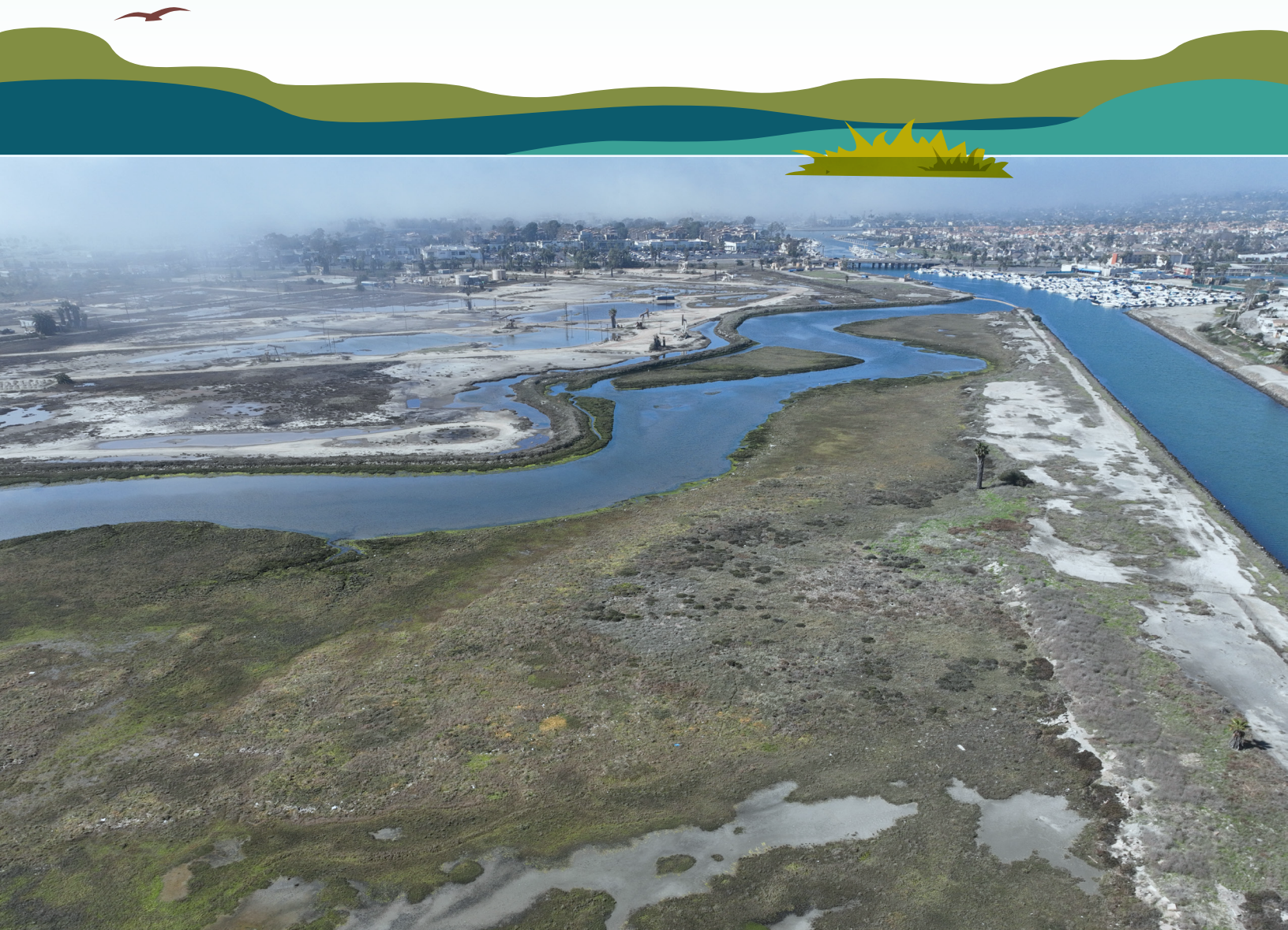
New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

3

Executive Summary



Executive Summary

Organization



SYRUSA is a California-based corporation as well as a Minority and Woman-Owned Small Business, a Certified Disadvantaged Business Enterprise (DBE) CUCP #50333, a California Small Business for Public Works, and a Certified California Small Business for Public Works and Small Business (Micro) **DGS ID No. 1581340**.

Known for our expertise in complex public works projects, for the past 16 years SYRUSA has successfully provided a full suite of construction management services to public agencies from preconstruction to project closeout. Our relevant experience includes clearing and grubbing; demolition of existing power poles, existing culverts, headwalls, existing concrete pads and curbs; contaminated soil removal and disposal; earthwork; berm construction; culvert construction; water line and electrical line relocation; temporary road maintenance; roadway improvements; and landscaping and irrigation.

Our firm has a clear understanding of local, state, and federal standards and requirements gained from experience working with local governing agencies such as Orange County Transportation Authority (OCTA), California Department of Transportation (Caltrans), City of Anaheim, Orange County Public Works (OCPW), City of Corona, City of Irvine, and City of Santa Ana. This, combined with a history of delivering **public projects valued at more than \$4 billion throughout Southern California**, gives our team first-hand knowledge managing and delivering similar public contracts and site rehabilitation projects and enhances our team's ability to perform the scope of work for LCWA.

Strength and Stability

SYRUSA is a financially sound and secure business entity. There are currently no conditions (including bankruptcy, pending litigation, planned office closures, or impending merger) that would impede our firm's ability to perform under this contract. Our firm has an extremely stable financial history and has been profitable in each of our preceding 16 years of business. SYRUSA does not have any financial responsibilities to any financial institution. Our financial strength is derived from strict adherence to best practices, risk management, and regulatory compliance.

Experienced Senior Personnel

SYRUSA's team of professionals is led by **Project Manager Jerry De Santos, PE**, who has more than 25 years of comprehensive experience providing construction management and engineering services for public works projects. Jerry has delivered countless federal, state, city, and county projects working hand in hand with the governing agency. He has a proven track record of successfully facilitating relationships between agencies, contractors, and construction management. Jerry will serve as the supervisor and administrator of SYRUSA's staff and will be responsible for the delivery of services in accordance with the established Scope of Services.



Project Understanding

The LCWA complex includes about 503 acres of publicly and privately owned open space in the cities of Long Beach and Seal Beach, which were historically part of a large tidal estuarine system at the mouth of the San Gabriel River (SGR). The LCW consist mostly of degraded tidal and non-tidal salt marsh habitats behind levees and weedy uplands where tidal marshes were filled over the last one hundred plus years. The general lack of development and close proximity to tidal waters makes the area a high priority for restoring tidal wetlands. The relative scarcity of publicly accessible open space in the area makes improving public access an important part of the restoration effort as well.



When managing construction for a complex coastal restoration project such as this, several issues and risks could arise. Identifying and mitigating these challenges is key to ensuring Project success. Our team has identified the following potential critical issues along with our approach to addressing them:

1. **Environmental Sensitivity** - Ensure proper phasing work activities and regulatory compliance.
2. **Engineering Challenges** - Proper work plans for actual conditions as well as tracking weather and tides.
3. **Stakeholder Expectations** - Inviting stakeholders to meetings and providing Project updates.
4. **Permitting and Regulatory Approvals** - Permit tracking and compliance.
5. **Safety Risks** - Site Specific Safety Plans and trainings.
6. **Temporary Traffic Control for Construction and Maintenance Work Zones** - Ensure the Construction Access/Traffic Control Plan.

Further details on our approach to mitigating these potential issues are included in our Work Plan.

Projects

SYRUSA is experienced in managing and delivering all stages of construction management services on similar projects valued at \$10 million to more than \$600 million. Our team has a history of successfully delivering similar scope of services and Phase 1 project activities. The projects listed below highlight our team's related experience on similar projects and providing similar construction management services. Detailed project descriptions for each are included in our Statement of Qualifications.



Project 1: Roadway Widening and Bike Lane Improvement at Will Rogers State Beach, **Owner:** Caltrans D7

Project 2: Pacific Coast Highway Emergency Slope Stabilization, **Owner:** Caltrans D7

Project 3: Clyde V. Kane (CV Kane) Roadside Rest Area Rehabilitation, **Owner:** Caltrans D8

Project 4: I-5 Improvements Projects, **Owner:** Caltrans D7

Project 5: Railroad Corridor Coastal Pedestrian Trail, **Owner:** City of San Clemente

Project 6: Crystal Cove Cottages, **Owner:** Crystal Cove Management Company

Project 7: Shady View Coastal Sage, **Owner:** Trumark Homes

Project 8: River Park, **Owner:** Riverpark Project **Owner:** LLC

Project 9: SR-210 Mixed Flow Lane Addition Project, **Owner:** SBCTA

Project 10: Borrego Channel Baker Ranch Project, **Owner:** Shea Homes

Project 11: Vila Borba Development Project, **Owner:** Lennar

Project 12: Hi Hope Ranch Project, **Owner:** Meritage Homes

References

We encourage LCWA to contact our references regarding the quality of our work and the professionalism of our people.

Caltrans D59

Quynh Nguyen PE, Senior Bridge Engineer
(213) 841-3518

Quynh.Nguyen@dot.ca.gov

Caltrans District 7

Oscar Osorio PE, Senior Transportation Engineer
(213) 792-5518

Oscar.Osorio@dot.ca.gov

Orange County Public Works

Linda Bazmi PE

Capital Improvement Programs Manager
OCCR/OC Parks/Planning & Design Division
714-973-6843 Office, 657-290-8923 Cell
linda.bazmi@ocparks.com

Caltrans District 7

Ridwan Salman PE, Resident Engineer
(213) 505-0610

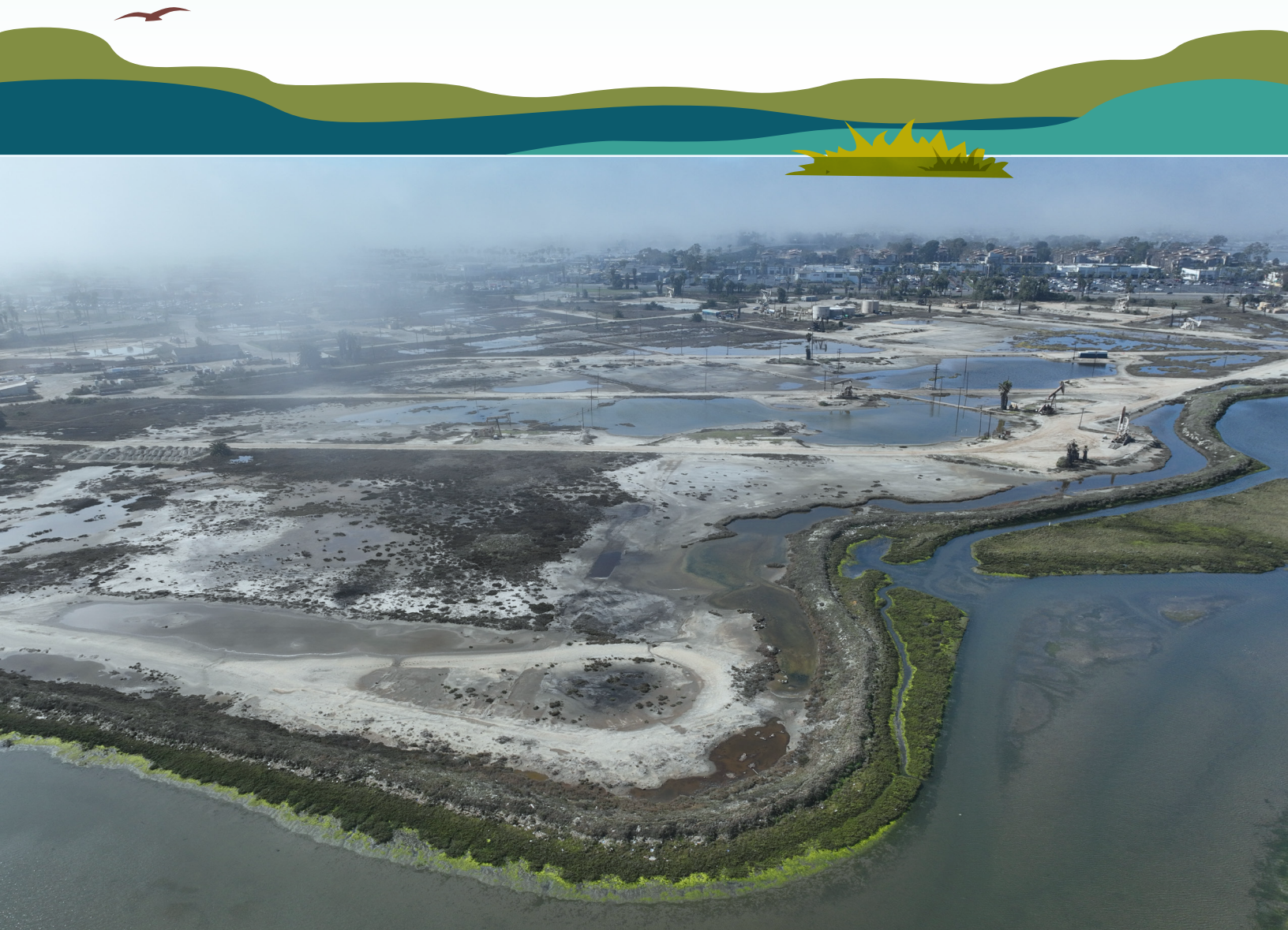
ridwan.salman@dot.ca.gov

Additional references are provided in the Similar Experience section of our Statement of Qualifications.



4

Work Plan





Work Plan

Our approach to successfully completing the tasks outlined in Exhibit C, Scope of Work, leverages the SYRUSA team's extensive construction management experience and insights from previous public contracts to minimize risk and complete the project on time and on budget.

The team will be led by **Gerardo "Jerry" De Santos, PE, MS, as Project Manager**, to ensure a seamless transition and a deep understanding of the Project's requirements and challenges. Jerry has almost 30 years of construction management experience throughout the state of California, including road, drainage, trail, facility, landscape, environmentally sensitive areas, and waterways experience. In addition, he worked for the Governor's Office to create legislation and implementation guidelines for the Clean California beautification projects.

Robert Bersbach, PE, QSD/QSP, as the Construction Manager, has experience coordinating multidisciplinary team constructing civil, structural, and landscape projects. Working on State and Local Agency construction projects, he has valuable knowledge of public project procurement processes, public project labor requirements, and state funding sources, including 10 years exclusively working on projects in Southern California.

The SYRUSA Team also includes **Arthur "Art" Guy, ASLA, CLIA, as Deputy Construction Manager**, who has over 40 years of landscape architecture and irrigation experience, specializing in coastal habitat restoration projects in Southern California. He has a comprehensive approach to irrigation design and serves as the technical liaison pertaining to water management issues which arise during the planning, design, and implementation phases of projects. His knowledge of horticulture extends from high desert to tropical bioregions, enabling him to effectively know planting and irrigation systems appropriate to individual environmental requirements. In addition, he has extensive knowledge of municipal, county, state, and federal regulatory frameworks and permit requirements.

Internal Performance Metrics

At no cost to the owner, **Faisal Zahlout, PE, MS, QSD/QSP, will be the Quality Manager**, responsible for the internal performance metrics of the team. Internal performance metrics for the team:

- **Schedule Adherence:** Tracking whether project milestones are met on time.
- **Budget Compliance:** Monitoring expenses to ensure they align with the allocated budget.
- **Safety Metrics:** Measuring incidents, near-misses, and adherence to safety protocols.
- **Quality Control:** Assessing the frequency of rework or defects in construction.
- **Environmental Impact:** Evaluating the project's success in minimizing harm to the ecosystem.
- **Stakeholder Satisfaction:** Gauging feedback from clients, partners, and local communities.
- **Resource Utilization:** Analyzing the efficiency of labor, equipment, and materials.
- **Team Productivity:** Measuring output per team member or per hour worked.
- **Compliance Metrics:** Ensuring adherence to regulatory requirements and permits.
- **Innovation and Problem-Solving:** Tracking the implementation of creative solutions to challenges.



Project Understanding

The Los Cerritos Wetlands (LCW) complex includes about 503 acres of publicly and privately owned open space in the cities of Long Beach and Seal Beach, which were historically part of a large tidal estuarine system at the mouth of the San Gabriel River (SGR). The LCW consist mostly of degraded tidal and non-tidal salt marsh habitats behind levees and weedy uplands where tidal marshes were filled over the last one hundred plus years.

The general lack of development and close proximity to tidal waters makes the area a high priority for restoring tidal wetlands. The relative scarcity of publicly accessible open space in the area makes improving public access an important part of the restoration effort as well. The LCW is divided into four Areas (South, Central, Isthmus, and North), each of which includes multiple landowners.

This restoration plan is based heavily on background information developed for the Los Cerritos Wetlands Final Conceptual Restoration Plan (CRP) and environmental impact analyses conducted for CEQA as part of the Los Cerritos Wetlands Restoration Plan Program Environmental Impact Report (PEIR). The CRP identified goals and objectives related to restoring resilient tidal wetlands on large parcels that support public access and scientific research. The CRP also identified a wide range of opportunities for restoration including enhancing existing wetlands, the availability of multiple sources of tidal waters, expanding existing populations of salt marsh dependent plants and wildlife, accommodating habitat transgression with sea-level rise (SLR), and connecting to existing trail systems. Important constraints related to contaminated soils, flood protection, existing infrastructure, water quality, and complex land ownership were identified in both documents as well.

The restoration plan focused on five factors:

1. Historical ecology of the site.
2. Natural ecosystem processes in need of restoration.
3. The regional and local biological and socioeconomic needs.
4. Different strategies for helping to ensure restored habitats are resilient to future conditions, such as sea level rise (SLR).
5. Analysis of existing conditions. Field studies informed an understanding of current biotic and abiotic conditions at the site related to vegetation and wildlife, soils, hydrology, regulatory jurisdictions, current land use, and cultural resources.

The key action is the restoration of tides to areas with limited or no tidal flushing now. This is accomplished by considerable grading, including a new tidal channel connecting to the Haynes Cooling Channel once it is decommissioned from once-through cooling, and removal of fill from historic tidal wetlands that includes a tidal connection to the SGR via one or more culverts, as opposed to a breach in the levee. This approach allows a sufficient tide range to support high functioning salt marsh while limiting flood heights, which results in much smaller levees around the perimeter of the site and oil wells, by engineering a culvert connection to the San Gabriel River that provides a balance between maximizing tidal range and minimizing flooding elevation.

Phase 1

Phase 1 of the restoration project will enhance existing salt marsh habitat, grade new sinuous tidal channels, create intertidal habitat, and increase tidal flux by cleaning the inlet culvert and replacing a secondary culvert with a box bridge. The Project will also incorporate several features requested by the Tribal Advisory Group, including harvest gardens, a gathering place, and a monument.



The Project area is bounded by the San Gabriel River to the west, oil extraction operations to the north, and residential neighborhoods and park space to the east and south

Project Activities in Phase 1 consist of the following:

- Grading the site, including excavation to create tidal channels, which is expected to produce approximately 60,000 cubic yards of material.
- Clearing and grubbing the site to remove non-native and invasive species, including removal of approximately 100 trees.
- Remediating soil, such as on-site treatment, excavation, testing and removal, or cap in place, that have been impacted by oil operations, including removal and hauling approximately 22,000 cubic yards of contaminated soils.
- Creating recreational amenities, including a Visitor Plaza on the State Lands Parcel, ADA parking, approximately 4,000 linear feet of trail, viewpoints, gathering spaces, and interpretive signage.
- Maintaining the tide gate on the existing culvert connecting the site to the San Gabriel River and cleaning out the culvert for improved water flow.
- Beneficially re-using approximately 17,000 cubic yards of fill material on site to support existing upland habitat areas.
- Excavating approximately 3,500 linear feet of primary and secondary tidal channels.
- Creating areas of intertidal salt marsh with tidal channel networks.
- Protecting existing tidal marsh in the northern portion of the site.
- Constructing earthen berms to control flooding.
- Raising 1st Street utilizing a box bridge system and fill.
- Reconfiguring utilities on 1st Street, including undergrounding utilities and anchoring utilities to the box bridge.
- Removing the culverts under the existing dirt access roads and replacing the existing culverts and headwalls under 1st Street with two standard cement 12 foot boxes to create a box bridge.
- Landscaping approximately 42 acres of the Project area with native plants to support a diversity of salt marsh, transitional wetlands, and upland habitats, and installing drip and overhead installation to establish new plantings.
- Maintaining new landscaping for the 90-day establishment period.



Native American/Cultural Resources

The Project area contains archaeological resources and it remains the focus of important cultural activity today, especially by the Tongva and Kizh/Gabrielino and Acjachemen/Jauneño culture. The CRP was developed with this in mind and the LCWA is doing all that is ethically, legally, and professionally proper to protect local Tribal Group interests through all phases of restoration planning and in the future implementation.

All applicable federal and state laws are acknowledged and addressed. At the federal level (Nation to Nation), the Native American Graves Protection and Repatriation Act (NAGPRA) covers federal lands specifically, and at the state level Senate Bill 18 is its companion legislation guiding work at the site in both the design and construction phases.

Beyond these legal considerations, the Project has proactively engaged the public, with particular invitations extended to state-identified representatives of the Gabrielino -Tongva community. In addition to the extensive public input process, a meeting was held with Julia Bogany of the Gabrielino -Tongva San Gabriel Band of Mission Indians, who was recommended by the Los Angeles City/County Native American Commission. The Bureau of Indian Affairs (BIA) also recognizes the Gabrielino -Tongva San Gabriel Band of Mission Indians as the historical group, which according to the Commission, has a water right on the San Gabriel confirmed by the BIA and MWD. This group was also involved at the direction of the BIA in the set-aside of lands at Puuvunga.

Oil Operations

There are seven active oil wells on the Central LCWA Site. It is expected that the oil wells will remain in operation for the near future. The well sites will be protected from flooding. In addition to the active wells, there are pipelines and other associated infrastructure on the property. An agreement exists between the LCWA and the operator that would allow for the pipelines, roads, and electric lines to be reconfigured to accommodate wetlands restoration. Currently, oil operation regulations dictate a vegetation clearance of at least fifty feet in diameter around well sites, a 20-foot perimeter around pipelines, and a 6-foot diameter around power poles.

Key Landscape Aspects

- **Aesthetic Enhancement:** Developing a visually appealing landscape design that integrates seamlessly with the existing infrastructure and surrounding environment. This includes removing non-native and invasive species and planting native vegetation.
- **Environmental Benefits:** Enhancing the ecological value of the wetlands by maintaining the tide gate, protecting existing tidal march, constructing earthen berms to control flooding and replacing and improving drainage culverts.
- **User Experience:** Creating a pleasant visual experience for public with the recreational amenities, including a Visitor Plaza on the State Lands Parcel, ADA parking, trail, viewpoints, gathering spaces, and interpretive signage.

By restoring the historic habitat, this Project will not only improve the visual and environmental quality of the area but also contribute to the overall success of the Los Cerritos Wetlands Complex, providing long-term benefits for the community and environment.

Project Challenges

A critical component of our Project approach is to anticipate, mitigate, and resolve Project challenges and issues early. Leveraging our understanding of the Project, SYRUSA's team has identified potential issues and mitigation strategies in [Exhibit 4.1 Issues Map and Table](#) on the following page.

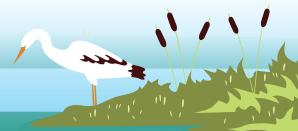
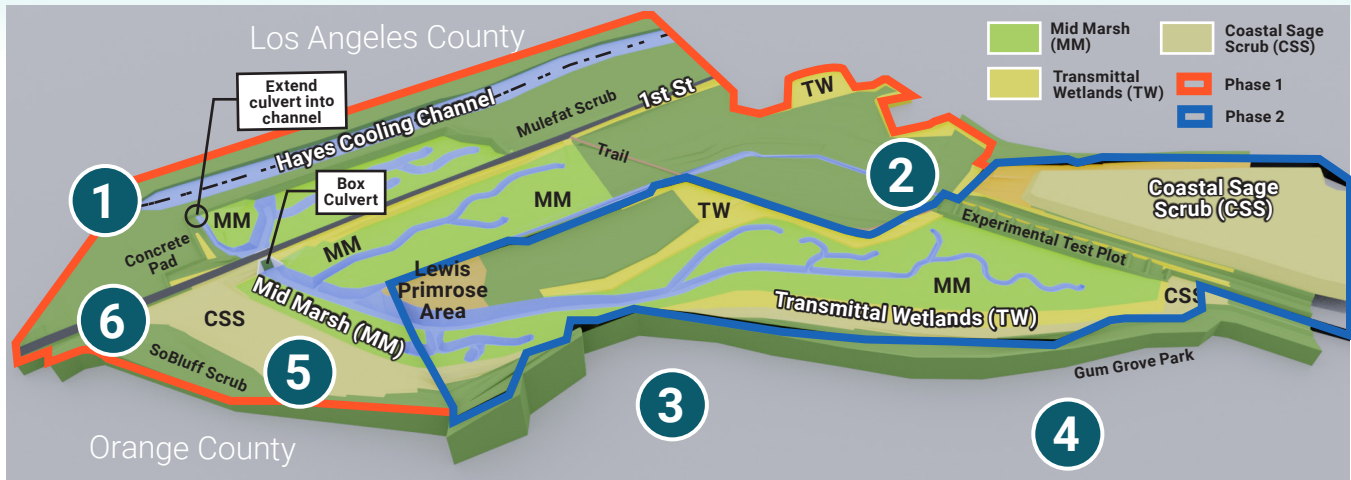


Figure 4.1: Issues Map and Table



	CHALLENGES	MITIGATIONS
1 Environmental Sensitivity	<ul style="list-style-type: none"> Coastal ecosystems are fragile, so activities such as tidal channel grading and habitat creation must avoid unintended harm to existing biodiversity. Accidental damage to salt marsh habitats or nearby ecosystems during construction. Impacts from sedimentation, pollution, or changes in water flow during culvert and channel work. 	<ul style="list-style-type: none"> Ensure proper phasing work activities within and between areas. Regulatory compliance with environmental protection laws, such as the Clean Water Act is crucial Utilize specialists to oversee construction activities, ensuring minimal ecological disruption.
2 Engineering Challenges (Water & Weather)	<ul style="list-style-type: none"> Weather conditions, such as storms or high tides, can disrupt progress in coastal areas. Constructing the box bridge and culvert replacement in tidal zones demands precise engineering to account for tidal cycles and water flow dynamics. Grading sinuous tidal channels must balance hydrological functionality with habitat enhancement goals. Known soil contamination. 	<ul style="list-style-type: none"> Implement coffer dam shoring to install culverts. Discuss the construction schedule and potential challenges with the contractor to find mutually agreeable alternatives that work for LCWA, the contractor, and the CM team. Track weather and tides with proposed work. Develop detailed schedules, and contingency plans before construction begins.
3 Stakeholder Expectations	Multiple stakeholders may have competing priorities or timelines, requiring effective communication and consensus-building.	Foster collaboration and invite all stakeholders to meetings and providing weekly updates. This includes the Tribal Advisory Group close coordination to respect cultural values.
4 Permitting and Regulatory Approvals	Compliance with coastal projects require permits from federal, state, and local agencies.	<ul style="list-style-type: none"> Ensure permit tracking and compliance to avoid project shutdown. Utilize specialists to oversee permit compliance, ensuring minimal ecological disruption.
5 Safety	Working in tidal zones poses safety hazards for crews such as, slips, flooding, or equipment instability.	<ul style="list-style-type: none"> Ensuring compliance with OSHA regulations is essential. Protect public access in the construction zones.
6 Temporary Traffic Control for Construction and Maintenance Work Zones	1st Street will be used as the main haul route to/from the project site, maintain vehicular and pedestrian access to all amenities within the SLCW at all times.	The Construction Access/Traffic Control Plan shall include: <ul style="list-style-type: none"> Implementation of Traffic Measures List of Equipment and Mobilization Plan Temporary Access Plan with Anticipated BMP Locations Emergency Routes Pedestrian Access Plan



Project Approach

Project Stakeholders

SYRUSA understands that this project involves comprehensive and specialized work requiring diligent construction management and inspection services to ensure successful completion. Our approach will align with the permits and approvals by all the agencies.

Exhibit 4.2: Required Public Agency Approvals

Approving Agency	Approval
City of Seal Beach	Site plan review, grading permits, encroachment permits
City of Los Angeles Department of Water and Power	Encroachment permits
Orange County Public Works	Encroachment permits
South Coast Air Quality Management District	Permits to construct and operate
Santa Ana Regional Water Quality Control Board	Permits to construct and operate, Clear Water Act 401 Permit
California Department of Fish and Wildlife (CDFW)	Section 1602 Streambed Alteration Agreement, California Endangered Species Act consultation, Take permits
California Coastal Commission	Coastal Development Permit in City of Seal Beach
U.S. Army Corps of Engineers	Clean Water Act Section 404 Permit, Rivers and Harbors Act Sections 9 and 10 Permits, Clean Water Act Section 408 Permit
U.S. Fish and Wildlife Service and National Marine Fisheries Service	Endangered Species Act Section 7 Consultation

Additionally, the Project will require further cooperation and collateral work with the following agencies and key stakeholders:

- City of Seal Beach Public Works Department
- Century Link
- Frontier Communications
- MCI
- Southern California Edison (SCE)
- Southern California Gas Company (SoCalGas)
- Spectrum
- Underground Service Alert (USA)

SYRUSA has a history of successfully managing similar tasks and deliverables that resulted in project success. Our firm provided construction management, inspection, and contract administration services on bridges over waterways and environmentally sensitive areas on the I-40 over Haller, Rojo, and Clipper Valley Wash Bridge project which was delivered on time, on budget, and without claims.



Safety

Safety within the construction zone is a top priority for the SYRUSA Team and for the Project as a whole. Proper establishment of the construction work zone is essential to protect maintenance workers, traveling public, Construction Management staff, and LCWA/RMC's representative when visiting the site. Key safety measures include the following:

Working Adjacent to Traffic

Working adjacent to active traffic lanes of 1st Street poses significant safety risks. Our team will ensure that all construction activities are conducted with utmost care to protect both workers and motorists. Our coordination with local authorities to implement effective traffic management strategies will be essential to minimize disruptions and ensure a safe work environment.

Construction Signage

The correct placement and maintenance of construction signs is critical. All signs will be positioned according to the contract documents. Ensuring proper reflectivity of signs will enhance visibility, especially during nighttime operations or adverse weather conditions, significantly reducing the risk of accidents.

Site Specific Safety Plan

SYRUSA's **Project Manager Jerry De Santos** and **Construction Manager Robert Bersbach** will verify that the contractor prepares and submits a comprehensive site-specific safety plan that complies with State of California Construction Safety Orders, Standard Specifications and Plans of the City of Seal Beach, Standard Plans and Specifications for Public Works Construction (SPPWC & SSPWC) latest editions, and the State of California Department of Transportation latest edition, LCWA/RMC, and Cal/OSHA requirements. The contractor will be required to maintain jobsite safety and security, and conducting regular safety meetings to discuss upcoming job activities and associated hazards.

Safety Training

Our **Project Manager Jerry De Santos** and **Construction Manager Robert Bersbach** will provide ongoing safety training to our construction inspectors, including topics such as general safety awareness, Tidal Zone Safety, Environmental Protection, Cultural Sensitivity, traffic control, heat illness prevention, vehicle traffic hazards, safe operation practices, and personal protective equipment (PPE). Our proposed staff have completed SYRUSA's in-house safety training, State construction safety training programs, and OSHA 10-hour training.

Regular Safety Inspections

Jobsite safety inspections will be conducted by **Construction Manager Robert Bersbach**, with safety checklists updated and filed in project records. Any required corrective safety actions will be promptly identified and undertaken to ensure a continuously safe work environment.

Pre-Construction Safety Checks

Before commencing any construction activity, our inspectors will periodically review and verify that the contractor's construction and safety equipment are in good working order. The SYRUSA Team is committed to ensuring a safe and secure work environment throughout the duration of the Project and our proactive approach and adherence to stringent safety standards will protect all stakeholders and contribute to the Project's overall success.



Quality Control

SYRUSA views quality as successfully delivering projects while meeting our clients' needs and expectations. Therefore, our quality procedures encompass all aspects of our performance. Our team will identify the approach to ensure that the Contractor's Quality Control (QC) process, materials, and work comply with contract requirements using various quality assurance (QA) and internal quality assurance (IQA) processes.

Quality Control Approach

Our team approaches all of our projects with established procedures to verify quality. **Project Manager Jerry De Santos** and his team will prepare and conduct a client expectation survey, Project Execution Plan, and Quality Assurance Plan.

Quality Control Plans

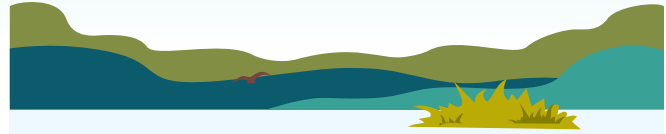
Prior to beginning major project activities, we will meet with LCWA/RMC and conduct the expectation survey, discussing topics such as quality, safety, scope, schedule, communications, staffing, invoicing, and project risks. This process ensures that our team fully understands LCWA/RMC's needs, including any unwritten preferences. We will incorporate the feedback from this survey into a Project Expectation Plan that will be integrated into our Work Plan for successfully delivering of the Project. The Work Plan includes:

1. Project expectations, goals, and scope
2. Organization, roles and responsibilities
3. Deliverables and schedule
4. Document control procedures
5. Project QC/QA plan
6. Standard forms

Quality Control Tools and Systems

The Work Plan will be forwarded to the Project team, including LCWA/RMC team members, and is regularly updated to reflect the status of the Project and its changes. Our team will work to achieve LCWA/RMC's goals, objectives, standards, and requirements. This approach enables our team to achieve consistent and predictable results, the first time, avoiding costly and time-consuming rework. In addition to planning for quality, this process also assures that we regularly verify that we are following the plan and meeting LCWA/RMC expectations. **Project Manager Jerry De Santos** and **Quality Manager Faisal Zahlout** will perform periodic QA audits to verify that we are complying with all project standards and procedures, including:

- Field safety
- Office procedures
- Submittal tracking and review
- Timely schedule review and monthly updates
- Project file organization
- Timely daily reports
- Timely Request for Information (RFI) review and response
- Timely response to claims notices
- Certified payroll
- Accurate monthly progress payments with supporting documents
- Material testing requirements and resolution of disputed test results
- Timely Change Orders (COs) and independent estimates review



SYRUSA is providing quality management and structures management on SBCTA's I-10 Corridor Express Lanes Design-Build Project. Quality management includes materials, roadwork, structures, NCR's, RFI's, inspection audits, traffic management, quality verification and evaluation. SYRUSA is also providing construction training and training modules, safety, review of non-conformance issues, coordination between Caltrans Structures Construction, and structures technical advisor.



Budget Control

Control SYRUSA Team will complete LCWA/RMC's Project on time and under budget through:

- **On-going Constructability Reviews:** Thorough review of the contract documents
- **Value Engineering:** We will constantly be looking for means and methods to reduce the Project duration and cost, while being thoughtful to not create impacts to the public and the environment.
- **Minimize Overhead and CM Cost:** Controlling cost overruns by reducing the number of COs from the start, and minimize impacts to the schedule to avoid extended overhead charges and construction management costs.
- **CO Merit:** Thorough evaluation of all contract documents for merit determination during review of CO requests.
- **Documentation:** Ensuring the daily time and materials reports are accurate and confirmed by inspection staff.
- **Reporting:** Providing a monthly status report of Contractor and construction management costs, including costs to date compared to the contract time expended, remaining contract time and budget.

SYRUSA led construction management services and ensured budget and schedule control for Orange County Public Works on a contract for various on-call construction services.



Schedule Control

Schedule control is a critical on-going task which begins with the base-line schedule. The baseline schedule and monthly update are reviewed for compliance with contract specifications. **Project Manager Jerry De Santos, Construction Manager Robert Bersbach,** and **Deputy Construction Manager Arthur Guy** will ensure that the Contractor includes all key items in the baseline schedule, logic sequencing is established, and the following items are followed:

- Major activities are included
- Logic sequencing is established
- Procurement of long lead items and their manufacturing
- Shop drawings submittal and review periods
- Utility relocation and installation
- Float and completion

During construction, monthly schedule updates are maintained and submitted by the Contractor and reviewed by our team for compliance with the contract documents. Reported progress by field inspectors and **Construction Manager Robert Bersbach** are compared to the submitted monthly schedule updates.

A narrative of the schedule should be included in the submitted monthly update and include:

- Work progress for the new period
- Reasons for schedule revisions
- Discuss the critical path and any change to it
- Documentation to problems and delays

The inspectors' daily reports will include schedule items and inspectors, as well as our **Construction Manager Robert Bersbach**, will note discrepancies between the actual field activities and the activities on the schedule. These discrepancies will be discussed with the Contractor in the weekly status meetings and a plan will be put in place to get the project back on track, ultimately avoiding delays and claims.



Scope of Services

Exhibit 4.4 details SYRUSA's activities in support of the scope of services as outlined in Section IV and detailed in Exhibit C, Scope of Work of the RFP, including identifying potential risks and our risk mitigation strategies.

Exhibit 4.3: Scope of Services Table

Tasks	Deliverables	Potential Risk	Risk Mitigation Strategies
TASK 1: PRECONSTRUCTION PHASE SERVICES			
Subtask 1.1: Biddability and Constructability Review			
Project Phasing – If applicable, propose recommended separate bid line item(s) and/or bid work breakdown structure to identify the adequacy of the bidders' intent to facilitate the necessary phasing requirements especially as it pertains to regulatory permit conditions.	Constructability matrix with all findings and action items.	Potential design flaws or overlooked site conditions.	Ensure that the design is feasible to construct and that bidding documents are clear, reducing potential contractor disputes or change orders
Project Scoping – Check for clear identification of project limits	Review project footprint and easements.	Securing new Right of Way, Temporary Construction Easements, and permits.	Conduct detailed reviews of design documents to identify potential ambiguities or conflicts.
Utility and Substructure Conflicts/ Coordination Check – Check construction notes and proposed improvements against bid items and bid item descriptions and identify and resolve apparent inconsistencies and/or gaps. Ensure that the work proposed to be performed by utility companies/ owners are compatible with the work proposed to be performed by the Contractor.	Review bid documents in compliance with project documents.	Securing adequate funding and budget control.	Develop recommendations to refine designs for clarity and ease of implementation.
Subtask 1.2: Review of Cost Estimates and Construction Schedule			
Perform a peer review of the design team and third-party cost estimates and identify resolutions to potential conflicts between the two estimates.	Verify the accuracy of cost estimates and feasibility of the proposed construction schedule.	Securing adequate funding and budget control.	Cross-check unit costs with industry standards and recent market trends.
Develop a draft Critical Path Method (CPM) Schedule based on the 100% Construction Documents Design Submittals, concurrent with the B/C reviews detailed above.	Review detailed CPM schedule developed by SYRUSA.	Schedule delay or additional cost.	Validate schedule dependencies to ensure that tasks are logically sequenced.
Subtask 1.3: Final Construction Documents QA/QC			
Perform a complete review of the Final Construction Documents assuring that all documents are consistent and prepared at a high level of professional quality.	Ensure that final construction documents meet quality and compliance standards.	Schedule delay or additional cost.	Implement a multi-tiered quality review process involving technical experts.
Provide all revisions and comments to the Design Team within 5 working days.	Constructability matrix with all findings and action items.	Schedule delay or additional cost.	Cross-reference documents with regulatory requirements and project specifications



Tasks	Deliverables	Potential Risk	Risk Mitigation Strategies
Subtask 1.4: Construction Contractor RFP Development			
Develop a prequalified contractor screening process to be approved by the LCWA and develop a list of qualified contractors that meet the minimum requirements to respond to the RFP.	Draft RFP language that clearly outlines scope, deliverables, and evaluation criteria. Include technical details (e.g., intertidal habitat construction) to set expectations.	Miscommunication of roles and expectations.	Clear documentation of roles and responsibilities.
Host on-site meetings with potential qualified contractors as necessary to develop a list of pre-qualified contractors that may pursue a proposal.	Include pre-bid meeting details to address contractor questions upfront.	Miscommunication of roles and expectations.	Aggressive outreach to construction industry, so many contractors attend for best bids.
Assist the Design Team and the Project Management team with development of a Request for Proposals for the Construction Contractor.	Develop a comprehensive RFP that attracts qualified contractors and ensures competitive bids.	Miscommunication of roles and expectations.	Clear documentation of roles and responsibilities.
Subtask 1.5: Preconstruction Phase Services Meetings			
Upon receipt of an NTP, the CM shall begin to attend Design Team Meeting held every Wednesday from 12-1pm.	Schedule regular coordination meetings to track progress and resolve issues	Miscommunication and potential delays.	Request meeting agenda and be prepared for weekly meeting.
Coordinate and facilitate Plan review meetings in conjunction with the 100% B/C review and Final construction document review.	Facilitate discussions to address design challenges and construction strategies.	Miscommunication and potential delays.	Request meeting agenda and be prepared for weekly meeting.
Participate in design review, permit plan check coordination, steering committee meetings, and other Project related meetings on an as-needed basis.	Develop action item lists and distribute detailed minutes after each meeting.	Miscommunication and potential delays.	Request meeting agenda and be prepared for weekly meeting.
TASK 2: CONSTRUCTION PHASE SERVICES			
Subtask 2.1: Bid Phase Assistance			
Coordinate with the LCWA Project Management Team to establish advertising dates and arrange pre-bid meetings and bid opening dates.	Support the owner in managing the bid process and ensuring transparency.	Schedule delay or additional cost.	Establish good working relationship and communication with LCWA PM Team.
Assist with coordinating Bid advertisement in appropriate publications and online contractor bid announcement services, including directly contacting pre-qualified contractors to encourage and confirm their participation in the bid.	Assist in pre-bid advertisement to clarify project requirements	Schedule delay or additional cost.	Provide sample language and contractor list to assist advertisement.
Organize and host Pre-Bid meetings and assist with answering bidder questions.	Assist in pre-bid meetings to clarify project requirements	Schedule delay or additional cost.	Prepare agenda. Clear documentation of roles and responsibilities.



Tasks	Deliverables	Potential Risk	Risk Mitigation Strategies
Coordinate addenda to construction documents as necessary.	Respond to contractor questions and issue addenda as needed.	Schedule delay or additional cost.	Provide recommendations for addenda.
As necessary, assist with coordination with the LCWA and other affected agencies / agencies having jurisdiction.	Coordination with LCWA and agencies.	Schedule delay or additional cost.	Establish good working relationship and communication with LCWA and agencies.
Assist with public relations/public outreach activities, as needed.	Assist with outreach efforts.	Schedule delay or additional cost.	Provide technical support to outreach team. Provide subject matter experts as needed.
Assist with the development of responses to bidder questions during the bidding period.	Provide responses to bidder inquiries.	Schedule delay or additional cost.	Visit the site and verify contractual documents to provide accurate and timely responses.
Conduct reference checks on the low bidder and listed subcontractors.	Reference checks.	Schedule delay or additional cost.	Provide thorough reference checks for prime and subcontractors.
Check state licenses of bidders and sub-bidders.	Review bid documents in compliance with project documents.	Schedule delay or additional cost.	Thorough review of contractual documents. Addressing changes quickly and resolving at the lowest cost.
Review insurance and bonds for compliance with Contract Documents.	Review and verify contractor bonding, insurance, and licensing documentation.	Schedule delay or additional cost.	Thorough review of contractual documents. Addressing changes quickly and resolving at the lowest cost.
Compile bid analysis:	Evaluate submitted bids for compliance and completeness.	Schedule delay or additional cost.	Thorough review of contractual documents. Addressing changes quickly and resolving at the lowest cost.
<ul style="list-style-type: none"> • Tabulate all bids with a detailed breakdown with comparison to latest construction estimate; 	Accurate bid analysis.	Schedule delay or additional cost.	Thorough review of contractual documents. Addressing changes quickly and resolving at the lowest cost.
<ul style="list-style-type: none"> • Identify apparent unbalancing within bids; 	Accurate bid analysis.	Schedule delay or additional cost.	Thorough review of contractual documents. Addressing changes quickly and resolving at the lowest cost.
<ul style="list-style-type: none"> • Identify apparent missing items; 	Provide support and recommendation for successful award.	Schedule delay or additional cost.	Thorough review of contractual documents. Addressing changes quickly and resolving at the lowest cost.
<ul style="list-style-type: none"> • Assist with addressing minor omissions or administrative issues as approved by the LCWA; and 	Resolve omissions and issues.	Schedule delay or additional cost.	Thorough review of contractual documents. Addressing changes quickly and resolving at the lowest cost.



Tasks	Deliverables	Potential Risk	Risk Mitigation Strategies
<ul style="list-style-type: none"> Repeat the above steps for the next bidder if as-bid numerically low bidder appears to be unresponsive or not responsible. 	Resolve omissions and issues.	Schedule delay or additional cost.	Thorough review of contractual documents. Addressing changes quickly and resolving at the lowest cost.
Assist with compiling recommendations to award the successful bidder:	Award package recommendation.	Schedule delay or additional cost.	Thorough review of contractual documents.
<ul style="list-style-type: none"> Make recommendations for confirmation of the lowest responsive and responsible bidder with a detailed basis, particularly if the as-bid numerically low bidder is not recommended. 	Recommendation to not award.	Schedule delay or additional cost.	Thorough review of contractual documents.
<ul style="list-style-type: none"> Assist in the preparation of staff reports for the LCWA Board contract awards. 	Staff Reports	Schedule delay or additional cost.	Accurate and timely staff reports.
Subtask 2.2 – Contract Award/Execution Support			
Attend the LCWA Board Meeting for the award of the Construction Contract and be prepared to answer questions for the Board.	Attend with answers to questions.	Award delay or additional cost	Support the LCWA in managing the bid process and ensuring transparency.
Assist with coordinating Contractor documentation requirements to support execution of the Contract.	Prepare contract award recommendations based on bid evaluations	Contract Execution delay or additional cost	Coordinate with the Contractor to support the LCWA.
Assist with expediting Contract Execution by the parties.	Support negotiations to finalize terms with the selected contractor	Contract Execution delay or additional cost	Support the LCWA in expediting Contract Execution.
Subtask 2.3 - Construction Management and Inspection			
Establish the Construction Manager (CM) as the primary contact and construction project team leader.	Assign a dedicated construction manager to oversee daily operations.	Schedule delay or additional cost.	Assign a CM, supported by a PM and quality oversight by a QM.
Provide overall coordination and management of quality assurance, coordination and collaboration with project stakeholders, monitoring and confirmation of safe practices, budget and schedule management, environmental compliance, project expediting and claims avoidance, contract administration, and monitoring and coordination of mitigations monitoring requirements.	Conduct regular site inspections to monitor progress and address issues proactively. Maintain detailed project logs and prepare weekly reports for stakeholders.	Schedule delay or additional cost.	Work with the Contractor for a successful project delivery.
Protocol and Decorum	Qualified and professional team.	Miscommunication and potential delays.	Establish professional and collaborative working relationship and communication with project stakeholders.



Tasks	Deliverables	Potential Risk	Risk Mitigation Strategies
Project Safety	Zero incident project.	Safety Incident.	Daily site safety inspections. Safety oversight by SYRUSA's PM and Quality Manager.
Construction Site Public Relations	Public inquiry log with responses.	Miscommunication and upset public.	Establish good working relationship and communication with LCWA PM Team.
Project Construction Meetings	Conduct all meeting. Prepare and distribute agenda and minutes.	Communication gaps. Issue resolution. Schedule delays. Quality issues. Budget overrun.	Coordinate prior to any meeting with LCWA PM Team.
Conduct construction progress / coordination meetings	Conduct all meeting. Prepare and distribute agenda and minutes.	Communication gaps. Issue resolution. Schedule delays. Quality issues. Budget overrun.	Coordinate prior to any meeting with LCWA PM Team.
Project Documents Control	Document Control filing, tracking and reports.	Communication gaps. Issue resolution. Schedule delays. Quality issues. Budget overrun.	A project Office Engineer will be responsible for all project document control.
Document Tracking System	Job records kept online and hard copy using Caltrans UFS.	Communication gaps. Issue resolution. Schedule delays. Quality issues. Budget overrun.	Use the Caltrans Universal Filing System (UFS), keep online and hard copy records.
Submittal Processing	Process and monitor the status of submittals. Submittal tracking will be introduced into Procore and status of submittals will be known at all times.	Cost increase or schedule delay and/or cost increase due to submittal delays.	Continuous logging and tracking, so all timelines are met by responsible party. The CM will review the completeness and quantity of all required shop drawings, RFIs, mix designs and materials and other submittals received during the construction phase.
Materials Control	All material test results will be provided in accordance with the Contractual Documents and test methods. Failing tests will be immediately reported to the Construction Manager.	Unforeseen site conditions, such as unexpected soil composition or moisture levels, that could impact planting and landscape installation.	Conduct thorough Preconstruction site assessments to identify potential issues. Develop and implement a contingency plan for handling unforeseen site conditions. Ensure that the contractor has a clear understanding of the site conditions and any potential risks before commencing work.



Tasks	Deliverables	Potential Risk	Risk Mitigation Strategies
Schedule Review	Baseline CPM.	Schedule delays, time related overhead, claims.	The schedule shall not be recommended for approval as the baseline until all discrepancies are resolved.
Schedule Control:	Monthly CPM updates Prepare a written report with a complete analysis of the construction progress, changes that may affect the critical path and will be discussed at the weekly progress meetings	Schedule delays, time related overhead, claims.	Proactively look ahead of the operations to identify issues that can adversely affect cost and make every effort to provide solutions. Review the Contractor's three-week look ahead schedule verify start and end dates of activities and compare to the monthly update.
Requests For Information (RFIs)	Track, respond and distribute RFIs.	Schedule delays, time related overhead, claims.	Resolve issues at the lowest level. Provide timely and accurate responses to RFIs.
Problem Solutions	Resolve and communicate project issues.	Schedule delays, time related overhead, claims.	Proactively resolve issues at the lowest level. Provide timely and accurate responses to issues.
Interpretation and Technical Assistance	Resolve and communicate project technical issues.	Schedule delays, time related overhead, claims.	Proactively resolve issues at the lowest level. Provide timely and accurate responses to technical issues.
Written Instructions	Written communication to the contractor.	Schedule delays, time related overhead, claims.	Document all conversations. Respond in writing to the contractor.
Progress Payment Processing	Monthly pay estimate and Project Summary Reports. Prepare a written report with a complete analysis of the construction progress, changes that may affect the critical path and will be discussed at the weekly progress meetings.	Schedule delays, time related overhead, claims.	Proactively look ahead of the operations to identify issues that can adversely affect cost and make every effort to provide solutions. Review the Contractor's three-week look ahead schedule verify start and end dates of activities and compare to the monthly update.



Tasks	Deliverables	Potential Risk	Risk Mitigation Strategies
Cashflow Management	Monthly Project Summary Reports. Prepare a written report with a complete analysis of the construction progress, changes that may affect the critical path and will be discussed at the weekly progress meetings	Schedule delays, time related overhead, claims.	Proactively look ahead of the operations to identify issues that can adversely affect cost and make every effort to provide solutions. Review the Contractor's three-week look ahead schedule verify start and end dates of activities and compare to the monthly update.
Change Management	We will compile the monthly project costs. We will monitor all site records of events, for potential claims or delay issues. Our team will assemble a complete "issue binders."	Change order request and claims with no merit to make up cost.	We will hold the contractors to providing the documents in the scope of work that was bid, without generating unnecessary changes to increase the project cost. We will guard LCWA's resources, respond rapidly to changing job conditions and issues, and work closely with staff in monitoring our project budgets.
Claims Resolution	Determine merit to claims and provide responses.	Claims with no merit to make up cost.	We will hold the contractors to providing the documents in the scope of work that was bid, without generating unnecessary changes to increase the project cost.
Environmental Compliance	Complete Environmental Awareness Training. Track compliance with all permits.	Project shutdown, Schedule delay or additional cost.	Review all required permits and assure all requirements are met.
Photographs	Bi-weekly aerial photos. Project completion video.	Additional cost due to changing conditions.	SYRUSA's drone pilot will take bi-weekly photos. With the project teams' photos and the PTZ Camera photos, create video.
Utility Coordination	Utility matrix with all findings and action	Schedule delay or additional cost.	Prioritize utility relocation with construction staging.
Monthly CM progress reports	Monthly Progress Report	Communication gaps. Issue resolution. Schedule delays. Quality issues. Budget overrun.	Work closely with LCWA's PM on required information and due date of report.
Quality Assurance	Inspector daily reports, Material Test Reports, Survey Notes, and Construction Manager's daily diaries.	Quality not accepted and rework required that may delay project.	Continuous QA inspection by SYRUSA and specialty subs.



Tasks	Deliverables	Potential Risk	Risk Mitigation Strategies
Close-out coordination and documentation	Project records delivered to LCWA. Notice of Termination from the Regional Water Quality Control Boards.	Schedule delay or additional cost.	Our past performance proves our track record for delivering job closeout on time, and we accomplish this by beginning the process early in the project.
Pre-final Inspection	Punch List and final walk.	Schedule delay or additional cost.	Team continuously updates project's punch list.
Final Inspection	Final walk. Notice of Completion. Final progress payment.	Schedule delay or additional cost.	Staff available to the end of the project to respond quickly.
Delivery of As-Built and Close-out Documents	As-builts and Close-out Documents to LCWA.	Cost increase for future maintenance or future projects.	Team continuously updates project as-built plans.
Post Construction Support	Provide support and recommendation for issues or inquiries.	Additional cost.	Thorough review of contractual documents. Staff available to respond quickly.

Current Workload and Capability

Current Workload

Our proposed staff is available and dedicated to ensuring successful completion of the Project for LCWA, based on the Anticipated Project Timeline on page 3 of the RFP. As an experienced construction management firm, SYRUSA regularly manages multiple projects concurrently. Our key personnel's roles on additional projects will not encumber their commitment and dedication to this Project.

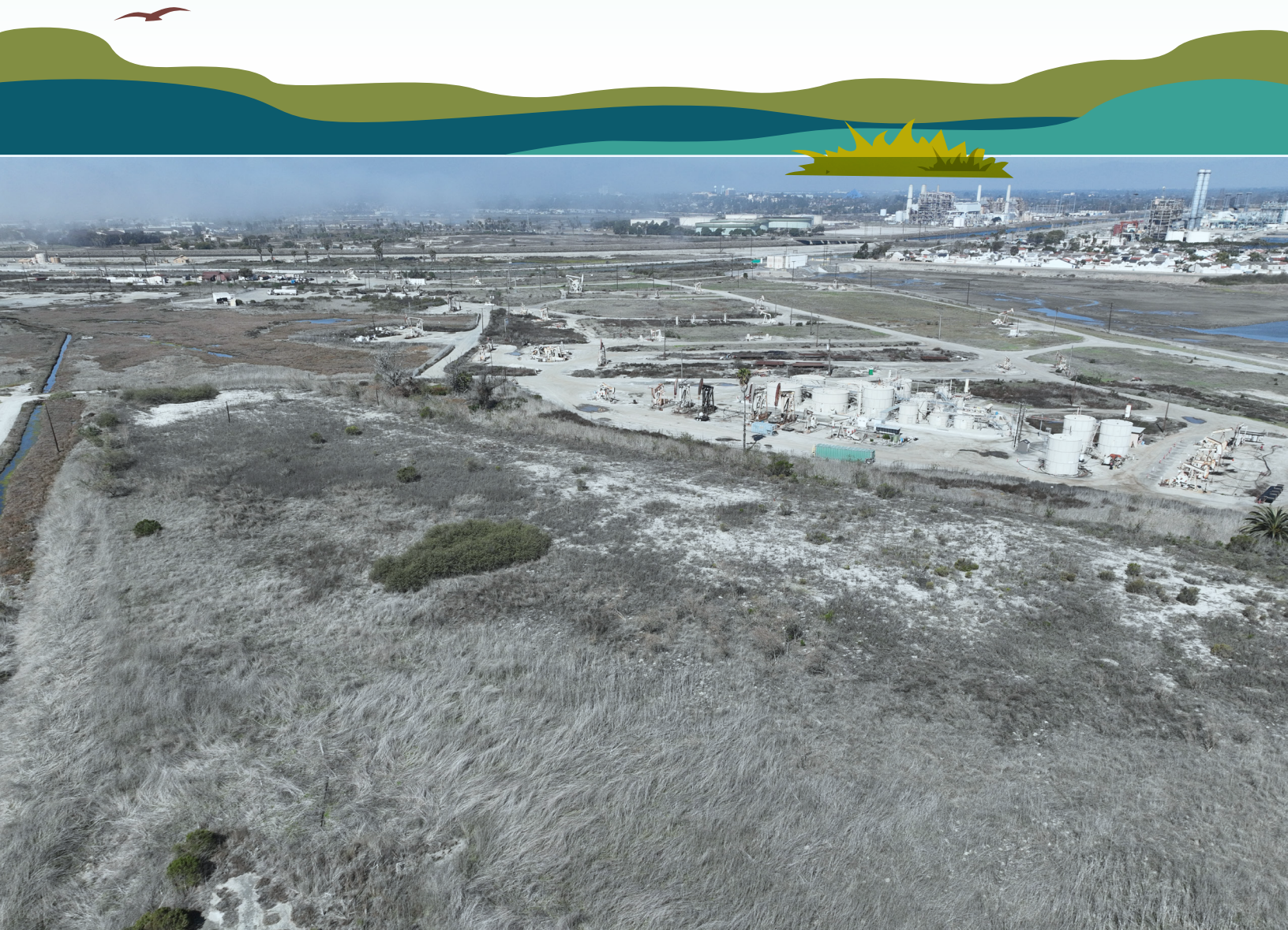
Capability and Commitment

Our team consists of a wide range of subject matter experts with similar project experience and are available as needed to deliver the project on time and within budget. **Project Manager Jerry De Santos, PE**, and **Construction Manager Robert Bersbach, PE, QSD/QSP** are 100% committed to the Project.



5

Acceptance of Terms and Conditions





Acceptance of Terms and Conditions

SYRUSA accepts the terms and conditions contained in the LCWA Consultant Services Agreement and identified in this RFP.



6

Conflict of Interest Disclosure





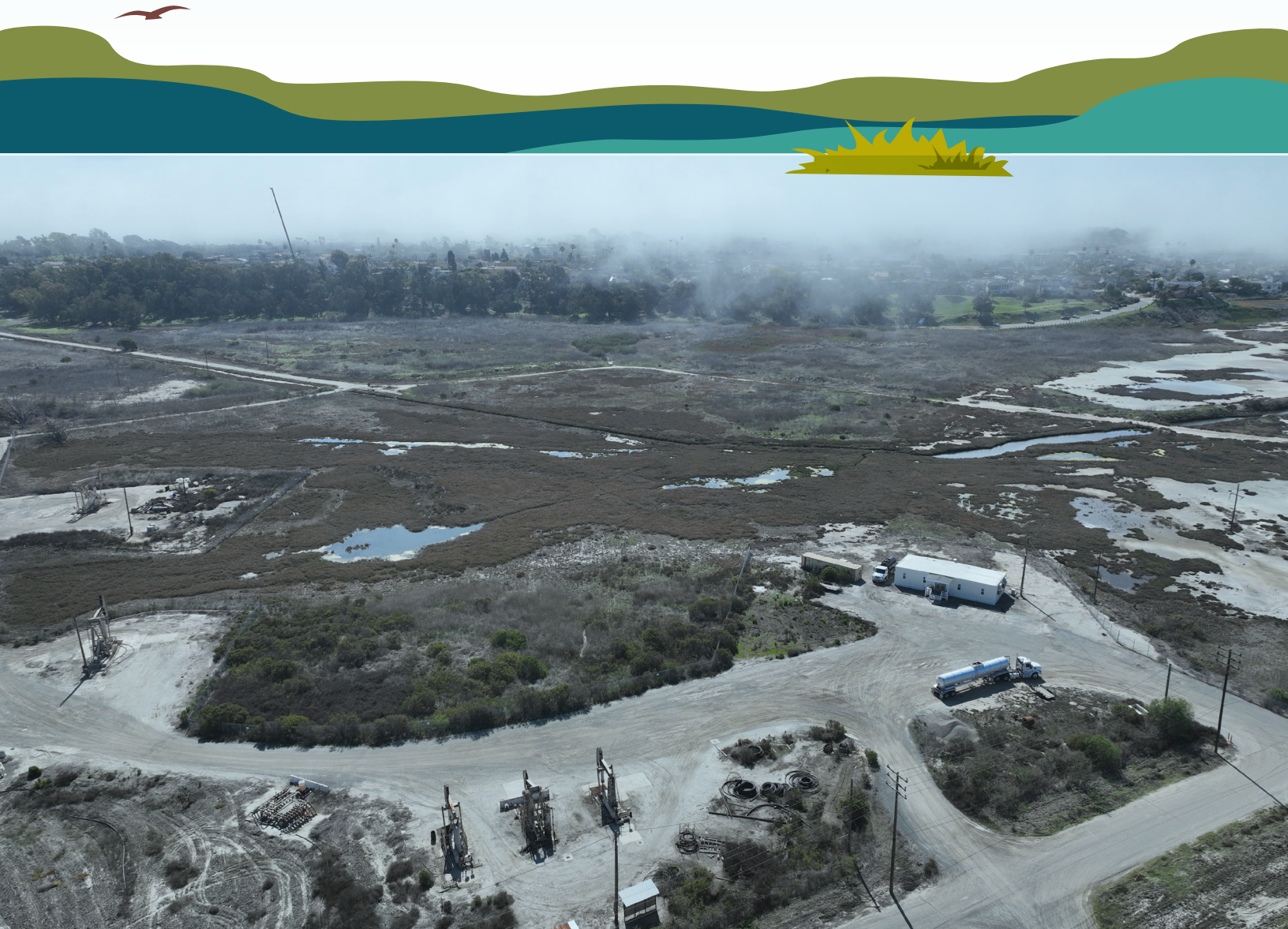
Conflict of Interest Disclosure

To the best of our knowledge, SYRUSA and our subconsultants do not have potential conflicts of interests.



7

Statement of Qualifications



Statement of Qualifications

Project Team

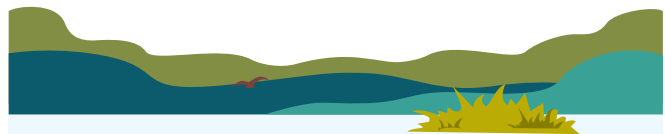
SYRUSA has put together a highly qualified team with comprehensive construction management, restoration, landscaping, and local experience. Combined, our team has the relevant experience, including clearing and grubbing; demolition of existing power poles, existing culverts and headwalls, existing concrete pads and curbs; contaminated soil removal and disposal; earthwork; berm construction; culvert construction; water line and electrical line relocation; temporary road maintenance; roadway improvements; landscaping; and irrigation. SYRUSA's team also includes several qualified, certified small businesses.

Proposer



For 16 years, SYRUSA has been both the prime and subconsultant for construction management services contracts on environmentally sensitive, rehabilitation, facility, and infrastructure projects and as such, we have developed valuable lessons learned, the ability to effectively communicate and collaborate, formed strong partnerships with our subconsultants, and earned our clients' trust by meeting their project goals. Our firm has recent experience managing and supervising similar public construction projects, including providing construction plan design review and analysis, bid support, proposal evaluation, weekly construction meetings, construction supervision, project scheduling, claims review and negotiation, site visits and walkthroughs, RFI and submittal management, and general management and administration of complex public projects.

Our firm has a clear understanding of local, state, and federal standards and requirements gained from experience working with local governing agencies such as Orange County Transportation Authority (OCTA), California Department of Transportation (Caltrans), City of Anaheim, Orange County Public Works (OCPW), City of Corona, City of Irvine, and City of Santa Ana This, combined with a history of delivering projects **valued at more than \$4 billion throughout Southern California**, gives our team first-hand knowledge managing and delivering similar public contracts and site rehabilitation projects and enhances our team's ability to perform the scope of work for LCWA. Highlights include:



In the past 16 years SYRUSA has:

Provided construction management services on more than

65 projects in

Southern California

valued at more than **\$4 billion**



Saved public agencies more than **\$2 million** in project costs



Had **ZERO CLAIMS**

on projects SYRUSA managed


as the prime construction manager

History of Exceptional Construction Management and Technical Abilities

Our firm has a history of applying our construction management expertise during all phases of projects and leveraging recent successful project experience to effectively administer the schedule, budget, quality,



safety, and reduce project impacts. Our team's personnel are experienced at reviewing project plans, specifications, estimates, permits, technical reports, and conducting constructability reviews in order to provide alternative means and methods prior to construction.

 SYRUSA was a key member of the construction management team for the City of Corona's Auto Center Drive Grade Separation Project. This project required extensive project coordination. SYRUSA provided construction management services for all construction activities, including complex staging, coordination with multiple utilities and agencies, and field inspections for bridge, MSE walls, roadway, electrical, utilities, and the West Corona Metro Link Station. The project was **completed ahead of schedule and below budget, in part due to nearly \$2 million in savings** from constructability reviews performed by SYRUSA's personnel. The project received the CMAA 2017 Project Achievement Award for achievement in the practice of construction management.


Exceptional Technical Staff

SYRUSA has the technical expertise to deliver this Project for LCWA. All of our personnel have 10 or more years of experience, many with multiple decades dedicated to construction management experience in Southern California. Additionally, several of SYRUSA's personnel have or are currently teaching engineering and construction related courses at local colleges. A critical component of our method to managing all projects is our personnel's emphasis on resolving contract disputes and issues in the field early before they can escalate—greatly reducing the risk of claims to LCWA. Our personnel actively engage with the designers, contractors, subcontractors, and stakeholders during preconstruction and on the job site throughout the life of the Project. By maintaining our presence and leveraging our established best practices in document control, monthly schedule updates, cost monitoring, and more, SYRUSA ensures that the contract, plans, and specifications are followed and, if necessary, contractors are held accountable.



"SYRUSA team members that worked on the Auto Center Grade Separation Project were professional, and very patient given the extensive coordination (with over seven different parties) required for the construction of the grade separation bridge. The SYRUSA team are thorough, detailed, knowledgeable and totally complement each other and work as a well-oiled machine."

Linda Bazmi, Senior Engineer
City of Corona Public Works

 On the projects SYRUSA served as the prime construction manager, **this approach has resulted in zero claims.**

History of Managing Complex Projects for Public Agencies with Multiple Disciplines and Agency Coordination

SYRUSA has expertise in enforcing contract requirements that comply with multiple funding sources, State funding guidelines and requirements, and we are extremely knowledgeable of the Greenbook Standard Specifications for Public Works Construction, State of California Department of Transportation Standard Specifications and Standard Plans, State's Construction Manual, encroachment permit/



requirements, as well as experience working around and relocating utilities including water lines. SYRUSA has also previously worked with environmental agencies such as the US Army Corp of Engineers, California Coastal Commission, Regional Water Quality Control Board, California State Lands Commission, California Department of Fish and Wildlife, and South Coast Air Quality Management District. Our firm excels in providing comprehensive construction management, inspection, and contract administration services for capital improvement and major renovation projects. We ensure strict conformance to project specifications, seamless coordination with the LCWA, and adherence to project schedules to guarantee timely completion. Our approach prioritizes minimizing construction-related and environmental impacts, ensuring a smooth and sustainable project execution.



On the Orange County Public Works (OCPW) Oso/Crown Valley Parkway Project, SYRUSA successfully coordinated with the community to effectively communicate the construction schedule and anticipated impacts. This ensured the uninterrupted flow of bikes, pedestrians, and vehicles along the bustling street and the Arroyo Trabuco Trail. Our efforts also prioritized the environmental preservation of Trabuco Creek and the Arroyo Trabuco Wilderness Area beneath the bridge.

Subconsultants

SYRUSA has partnered with subconsultants that have proven experience and were selected for their competence and ability to deliver this project for LCWA.

BGB | DESIGN GROUP
Landscape Architecture Planning Urban Design

BGB Design Group, Inc. (BGB) is a Landscape Architectural, Planning, and Urban Design firm based in Costa Mesa, California and was founded in 1979 and incorporated in 1998. BGB specializes in streetscapes, parks, trails, civic buildings, and related public projects primarily in the Southern California market and coastal environs. They are leaders in the field of Green Development and have received recognition from such agencies as the Metropolitan Water District of Southern California. BGB is a DGS Certified Small Business (Micro), ID: 1156782, and will provide **landscape architectural construction management services** on this Project. Recent public projects include:

- Yorba Linda Town Center (APA Award)
- Esplanade in Redondo Beach (APA Award)
- Avalon Waterfront Urban Design Plan on Catalina Island (ASLA Merit Award)
- The Stand at 5th St. Huntington Beach
- San Clemente Railroad Corridor Pedestrian Beach Trail (APA Award, ASLA Merit Award)

Other public coastal clients include Orange County Sanitation District (OCSD) where BGB has provided design services for over 25 years, including several projects at OCSD Plant No. 2 with a current being the South Perimeter Wall/Digester project adjacent to the Huntington Beach Wetlands, and restoration of the remaining 19 cottages at the Crystal Cove Historic District - Phase III in Newport Beach, among others. As a result of their design experience and construction observation for the various coastal projects, BGB is well versed in the quality control of installation standards.





Vandermost Consulting Services, Inc. doing business as VCS Environmental (VCS) is a certified woman-owned (WBE No. 7EN00048), small (California Small Business for the Purpose of Public Works (SB-PW) Certification No. 58803), and disadvantage (Los Angeles Metro DBE and SBE No. 5729) business enterprise registered as a California S Corporation.

VCS Environmental provides comprehensive construction management and restoration services that seamlessly integrate with our broader environmental expertise. Their experienced team offers end-to-end oversight for restoration projects, ensuring compliance with regulatory requirements while optimizing ecological outcomes and project efficiency. Their construction management services include project coordination between stakeholders, contractors, and regulatory agencies, quality assurance monitoring, technical oversight, and conflict resolution related to biological and cultural resource issues. VCS Environmental provides specialized biological, cultural, and paleontological monitoring during construction to ensure compliance with permits and environmental commitments.

For restoration projects, they develop and implement habitat restoration plans, conduct long-term monitoring and adaptive management, coordinate with restoration contractors, and provide technical oversight from initial construction through multi-year establishment periods. VCS Environmental employs performance monitoring, regulatory reporting, and advanced drone-based documentation to track restoration progress. Their integrated approach combines technical expertise across disciplines with practical field experience, ensuring restoration projects meet both compliance requirements and ecological objectives. VCS Environmental serves as both technical advisor and implementation partner, providing the continuity and expertise needed for successful project outcomes.

VCS Environmental will be providing SYRUSA's team with specialized biological, cultural, and paleontological services. Their recent relevant project experience includes:

- OCTA Laguna Niguel to San Juan Capistrano Passing Siding Project
- City of Seal Beach Boulevard at North Gate Road Improvement FSTIP Project [CRAL-5229(019)] (Caltrans District 12 Local Assistance Project)
- Similar Coastal Projects:
 - » Shoemaker Bridge Replacement Project (Long Beach, CA)
 - » Southeast Area Development and Improvement Plan (SEADIP) (Long Beach, CA)
 - » Colorado Lagoon Mitigation Bank (Long Beach, CA)
 - » Lower Peters Canyon Mitigation Site (Irvine, CA)
 - » Mill Creek Wetlands (Ontario, CA)
- Construction Management/Habitat Restoration Projects:
 - » SR-210 Mixed Flow Lane Addition Project (San Bernardino County, CA)
 - » Borrego Channel Baker Ranch Project (Lake Forest, CA)
 - » Vila Borba Development Project (Chino Hills, CA)
 - » Hi Hope Ranch Project (Oceanside, CA)
 - » Boulder Project (Perris, CA)
 - » Skyridge Residential Project (Mission Viejo, CA)
 - » Banning Distribution Center (Banning, CA)
 - » Spencer's Crossing (Murrieta, CA)
 - » Oak Springs Ranch (Murrieta, CA)
 - » Sevilla Project (Winchester, CA)



GUIDA is an certified SBE (DGS ID: 26277) land surveying, mapping, and geospatial services company that has provided project-based and on-call services throughout California since 1995 and will be providing **QA survey services** to SYRUSA's team. GUIDA has a long history of providing professional land surveyors, field crews, and office personnel who have significantly contributed to this region's infrastructure growth. The company offers a depth of staffing resources which can provide flexibility to accommodate working off hours, variable days, and locations, if needed.

GUIDA has supported environmentally sensitive conservation and restoration projects for a variety of public agencies throughout California including for the California Department of Water Resources, United States Department of Agriculture, Poseidon Resources, Bureau of Reclamation, City of Los Angeles Sanitation and Environment, Los Angeles County Sanitation Districts, Irvine Ranch Water District, South Coast Water District, Metropolitan Water District of Southern California, County of Los Angeles, City of Los Angeles, County of San Bernardino, and Orange County Transportation Authority, just to name a few.

GUIDA's team has extensive experience providing a full suite of land surveying, mapping, and geospatial services, delivering quality and innovative products on time and within budget. The company utilizes a unique blend of traditional methodologies with new and innovative technologies for the creation and delivery of highly accurate work products. These tools are utilized to increase effectiveness of field data collection, enhance safety for our field crews and the community, and ensure final deliverables meet a high standard of quality control. GUIDA is proud to invest in the latest technology for the assessment of critical infrastructure including roadways/highways, structures, utilities, and environmental surroundings.



TWINING

Twining, Inc. (Twining) is a full-service engineering and quality control company with unmatched technical expertise. Their services span from QA/QC, materials testing, and inspection, to highly technical capabilities in applied engineering and integrated disciplines. With laboratories throughout California and over 150 inspectors, they are unequaled in their core competencies to work on vertical, as well as horizontal construction projects. Twining will be providing our team with **material testing services** from their state-of-the-art laboratory in Long Beach, CA that provides critical quality control and quality assurance data proactively and efficiently. Their QA/QC Management team ensures that all reports are electronically transmitted promptly to all appropriate project stakeholders. Furthermore, Twining's affiliation with the International Union of Operating Engineers guarantees that all covered work is performed by union personnel, underscoring their stability and the superior quality of their inspectors and technicians.

Similar Experience

SYRUSA is experienced in managing and delivering all stages of construction management services on similar projects valued at \$10 million to more than \$600 million. Our team has a history of successfully delivering similar scope of services and Phase 1 project activities. The following pages provide a sample of our team's past project experience, demonstrating our skills, capabilities, and the knowledge that will be transferred to this Project.





Roadway Widening and Bike Lane Improvement at Will Rogers State Beach

Los Angeles, CA

OWNER: Caltrans D7

CONTACT: Frank Lotfi, Structure Representative
(310) 466-8772
Frank.Lotfi@dot.ca.gov

Project Description: Work was performed on eastbound SR-1 and included widening the roadway and performing safety upgrades along a section of the Pacific Coast Highway (PCH) that had limited horizontal clearances in an environmentally sensitive coastal area. This \$5.5M project included widening the shoulder in order to accommodate a bike path and upgrading the metal guardrail to a concrete barrier. It also added a concrete retaining wall and a concrete barrier on top of the retaining wall which was capped by a steel tubular railing. During the course of the work, Caltrans took boring samples for geotechnical investigation to be used for future projects along the PCH. Rebar for the concrete barrier was epoxy coated due to the highly corrosive environment on the coast. The contractor constructed additional drainage systems to improve drainage in the area and relocated some utilities in the work area. The project was located within 1,000 feet of the Pacific Ocean, which required additional SWPPP measures and compliance with environmental regulations.

Description of Services Provided: SYRUSA provided construction inspection services as assistant structure representative, and also handled District work to lower the cost for the State. SYRUSA also reviewed submittals and prepared as-builts.

Project Similarities:

- Provided Similar CM Services
- Grading and Excavating
- Clearing and Grubbing
- Recreational Amenities
- Remove/Replace/Improve Culverts
- Reuse of Fill Material On-Site
- Earthen Berms to Control Flooding
- Utilities Reconfiguration
- Roadway Improvements
- Landscaping





Pacific Coast Highway Emergency Slope Stabilization

Malibu, CA

OWNER: Caltrans D7

CONTACT: Frank Lotfi, Structure Representative
(310) 466-8772
Frank.Lotfi@dot.ca.gov

Project Description: This \$5.5 million slope stabilization project along the PCH was located within 1,000 feet of the Pacific Ocean, requiring additional SWPPP measures and compliance with

environmental regulations. The project included construction of a tie back wall to support the slope from sliding under Pacific Coast Highway caused by record environmental events. The project scope included installation of a soldier pile wall on the westbound side of the highway as well as installation of ground anchors with CIP walers, sheet piles, and micropiles on the eastbound side of the highway. It also included concrete barriers, curbs, sidewalks, and striping. Strict safety protocols were enforced to protect the traveling public and residents.

Description of Services Provided: SYRUSA provided construction inspection services as assistant structure representative, and also handled District work to lower the cost for the State. SYRUSA reviewed submittals, assisted with DRA defense for the State, and prepared as-builts and project closeout documents.

Overcoming Project Challenges: There was an issue that went to DRA on this project. The project occurred at the time of the Malibu fires and the yard the contractor used was affected by fire damage. The contractor requested that the State pay for the damage. SYRUSA assisted with the DRA preparation. DRA ultimately ruled in favor of Caltrans because the contractor was not stockpiling material correctly and allowed their yard to become overgrown by vegetation, thereby providing additional fuel for the fires.

Project Similarities:

- Provided Similar CM Services
- Grading and Excavating
- Clearing and Grubbing
- Reuse of Fill Material On-Site
- Roadway Improvements





Clyde V. Kane (CV Kane) Roadside Rest Area Rehabilitation

Barstow, CA

OWNER: Caltrans D8

CONTACT: Monty Navarro, Senior Bridge Engineer
(951) 840-8247
monty.navarro@dot.ca.gov

Project Description: This project included two buildings, three picnic areas, one information center, interpretive signage, two water tanks, new parking lots (including ADA parking, ADA ramps and sidewalks), streetlights, drainage systems, and other new improvements.

Description of Services Provided: SYRUSA's staff provided structures representative, assistant structures representative, field survey, foundation inspection, utilities inspection, and walls and roof inspection.

Benefits: The project was delivered on time, completed on budget, and without claims.

Project Similarities:

- Provided Similar CM Services
- Grading and Excavating
- Clearing and Grubbing
- Recreational Amenities
- Reuse of Fill Material On-Site
- Earthen Berms to Control Flooding
- Utilities Reconfiguration
- Roadway Improvements
- Box Bridge
- Landscaping



I-5 Improvements Projects

Los Angeles County, CA

OWNER: Caltrans D7

CONTACT: Oscar Osorio, Sr. Transportation Engineer
(213) 792-5518
Oscar.Osorio@dot.ca.gov

Project Description: Project included construction north of Lake Hughes Road to Templin Hwy. Scope of work consisted of soldier pile wall, embankment

reconstruction, box culvert replacement, drainage improvements, shoulder strengthening, JPCP and JPCP RS, HMA, RHMA, DPPIA, MVP, concrete barrier, and Midwest Guardrail installation.

Description of Services Provided: SYRUSA provided roadway construction manager services.

Project Similarities:

- Provided Similar CM Services
- Grading and Excavating
- Clearing and Grubbing
- Remove/Replace/Improve Culverts
- Reuse of Fill Material On-Site
- Earthen Berms to Control Flooding
- Roadway Improvements
- Landscaping





Railroad Corridor Coastal Pedestrian Trail

San Clemente, CA

OWNER: City of San Clemente

CONTACT: Amir Ilkhanipour, Senior Planner
(949) 361-8264
ilkhanipoura@san-clemente.org

Project Description: BGB primed a multi-disciplined team to develop a 2.5-mile coastal trail including five new pedestrian railroad crossings, jurisdictional wetlands, and 1,600 ft pedestrian bridge around Mariposa.

Description of Services Provided: As prime consultant, BGB headed a team of civil, structural, geotechnical, environmental, railroad engineers and survey in addition to working closely with City departments and OCTA to eventually permit and construct the 2.4-mile coastal trail within the railroad ROW.

Project Similarities:

- Pedestrian Trail
- Grading
- Recreational Amenities
- Landscaping



Crystal Cove Cottages

Newport Beach, CA

OWNER: Crystal Cove Management Company

CONTACT: Dan Gee, President
(949) 376-6200
Dangee@cox.net

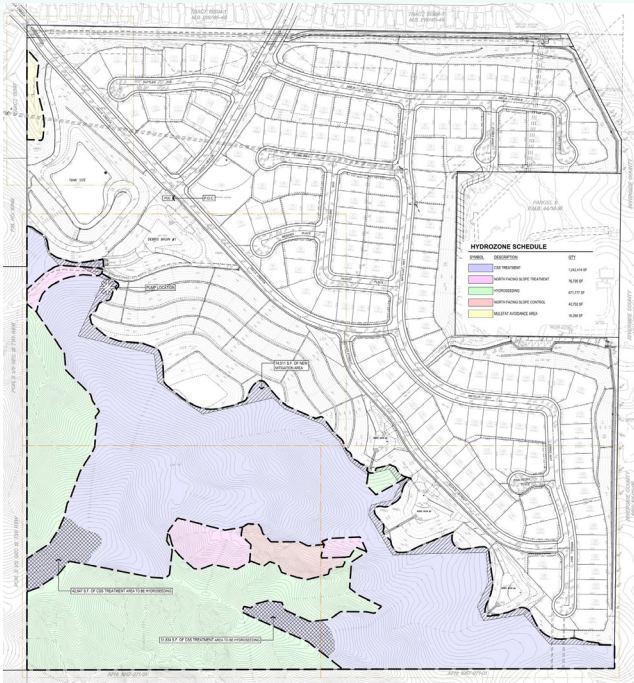
Project Description: The Crystal Cove Cottages (North Beach Restoration) in Newport Beach is a historical restoration project from 2019 to present.

Description of Services Provided: BGB is leading landscape, lighting, and hardscape design to restore the 17 remaining historic cottages to pre-1960 level. BGB worked with Crystal Cove Conservancy and the California State Parks Historical group to recreate the iconic coastal site.

Project Similarities:

- Coastal Rehabilitation
- Grading and Excavating
- Clearing and Grubbing
- Landscaping





Shady View Coastal Sage

Chino Hills, CA

OWNER: Trumark Homes

CONTACT: Joe Martin, Senior Vice President Land Development
(650) 704-1873
jmartin@trumarkco.com

Project Description: This is a 43 acre mitigation project.

Description of Services Provided: BGB is working with VCS Environmental to prepare landscape and irrigation plans for a 43-acre Coastal Sage mitigation site. Implementation will commence in 2025 for a 5-year monitoring schedule and must achieve 80-90% success rate.

Project Similarities:

- Habitat Restoration
- Clearing and Grubbing
- Landscaping
- Worked with VCS



River Park

Long Beach, CA

OWNER: Riverpark Project Owner LLC

CONTACT: John Stanek, Principal
(949) 939-3385
jstanek@integralcommunities.com

Project Description: Former Oil Operators site (River Park), Long Beach 2021 – present.

Description of Services Provided: BGB is currently in the approval stages for developing a 4.3-acre park over a brownfield site including coordination with the Gabrielino Band of Mission Indians – Kizh Nation elder, Chief Salas to provide historical interpretive signage of the site’s historical significance.

Project Similarities:

- Tribal Considerations
- Grading
- Clearing and Grubbing
- Remediating Soils
- Recreational Amenities
- Landscaping
- Adjacent Oil Operations





SR-210 Mixed Flow Lane Addition Project

San Bernardino County, CA

OWNER: San Bernardino County Transportation Authority (SBCTA)

CONTACT: Sal Chavez, PE, Project Delivery Manager
(909) 884-8276
schavez@gosbcta.com

Project Description: The SR-210 Mixed Flow Lane Addition Project authorized widening of the SR-210 by Caltrans in coordination with SBCTA from Sterling Avenue to San Bernardino Avenue. The purpose of the Project was to reduce congestion and improve operational efficiency by providing lane continuity with the existing segments of freeway to the west and east of the project limits. The project included widening the existing segment of SR-210 from four mixed flow lanes (two lanes in each direction) to six mixed flow lanes (three lanes in each direction) with the addition of one mixed flow lane in each direction. The third lane was added within the existing SR-210 median, resulting in six, 12-foot-wide left and right shoulders. The proposed project was confined to the right-of-way (ROW), but impacted aquatic features regulated by USACE, RWQCB, and CDFW, and affected designated critical habitat and sensitive habitats regulated by USFWS and CDFW.

Description of Services Provided: VCS Environmental implemented the Habitat Mitigation Monitoring Plan (HMMP), which included:

- Restoration site installation
- Oversight of maintenance
- Qualitative and quantitative monitoring
- Preparation of annual reports (2023-Ongoing)

They also provided permit compliance and coordination with Wildlife Agencies for the San Bernardino Kangaroo Rat (SBKR) monitoring and status.

Project Similarities:

- Provided Similar CM Services
- Habitat Restoration
- Clearing and Grubbing
- Reuse of Fill Material On-Site
- Roadway Improvements





Borrego Channel Baker Ranch Project

Lake Forest, CA

OWNER: Shea Homes

CONTACT: Brooke Doi, Vice President, Community Development
(949) 526-8837
brooke.doi@sheahomes.com

Project Description: The Shea/Baker Ranch project includes drainage improvements to Borrego Channel Wash, approximately 2,400 single-family and multi-family dwelling units, retail, and commercial uses, parks, trails, streets, and landscaped areas. The Shea/Baker Ranch Planned Community will be graded and developed in phases. The 2-acre detention basin was installed to provide mitigation for all project impacts to waters, other than impacts to the Borrego Channel (note that approximately 0.03 acre in the basin is creditable to the Borrego improvements). Improvements to Borrego Canyon Wash consisted primarily of a bypass channel, which was constructed parallel to the existing wash alignment. The bypass channel connects to an existing County-owned drop structure upstream, approximately 300 feet north of the Shea/Baker Ranch property, and it extends to the southern point where the Borrego Canyon Wash exits the Shea/Baker Ranch Property, for a total of approximately 4,200 linear feet. Erosive storm flows are diverted into the bypass channel, while "low flows" continue to drain into and flow through the Borrego Canyon Wash. The bypass channel outlet and structure outlet flows onto an energy dissipation rip-rap field, which serves to release the water at lower velocities. The direction of the flows from the outlet were also realigned to lessen the potential for erosion. The southern slope of Borrego Wash was reconstructed as a 3:1 slope near the toe of slope transitioning to a 2:1 slope at the top of slope providing a better opportunity for native plant growth. The toe of the reconstructed slope includes an area of buried riprap to protect the slope from erosion.

Description of Services Provided: VCS Environmental provided construction monitoring and permit compliance services as well as implemented the Habitat Mitigation Monitoring Plan (HMMP), which included:

- Restoration site installation
- Oversight of maintenance
- Qualitative and quantitative monitoring
- Preparation of annual reports (2013-2023)

Project Similarities:

- Provided Similar CM Services
- Habitat Restoration
- Grading and Excavating
- Clearing and Grubbing
- Recreational Amenities
- Remove/Replace/Improve Culverts
- Reuse of Fill Material On-Site
- Landscaping





Vila Borba Development Project

Chino Hills, CA

OWNER: Lennar

CONTACT: Bryce Fleming, Project Manager
(951) 741-7635
Bryce.Fleming@lennar.com

Project Description: This project is a phased, mixed-use development with 110 acres of residential development and five acres of commercial development. The project includes the construction of three vegetated water quality basins, building pads, residential streets, utility easements, landscaping, and drainage improvements. The water quality basins will function as replacement wetlands and stormwater runoff water quality treatment Best Management Practices (BMPs). Continuous Deflective Separation units will be installed in the storm drain system ahead of each water quality basin to trap pollutants and trash, and these units will be maintained as recommended by the manufacturer by the Vila Borba HOA. Risers in each basin will control water level and basin overflow. The project consists of four Tentative Tract Maps (TTM 15989, 16413, 16338, and 16414). Phase 1 includes the development of TTM 15989. Phase 2 includes the development of TTM 16413, 16338, and 16414.

Description of Services Provided: VCS Environmental is providing construction monitoring, conservation easement and permit compliance services as well as implemented the Habitat Mitigation Monitoring Plan (HMMP), which included:

- Restoration site installation
- Oversight of maintenance
- Qualitative and quantitative monitoring
- Preparation of annual reports (2016-ongoing)

Project Similarities:

- Provided Similar CM Services
- Habitat Restoration
- Grading and Excavating
- Clearing and Grubbing
- Recreational Amenities
- Reuse of Fill Material On-Site
- Roadway Improvements
- Landscaping





Hi Hope Ranch Project

Oceanside, CA

OWNER: Meritage Homes

CONTACT: Efrem Joelson, Director of Forward
PlanningCommunity Development
(949) 299-3848
Efrem.Joelson@meritagehomes.com

Project Description: The project included development of approximately 56.2 acres of a 76.0-acre site for the construction of 93 single family homes. Mitigation for the project was implemented in coordination with the U.S. Fish and Wildlife Service (USFWS) and the California Department of Fish and Wildlife (CDFW), referred to collectively as the 'Wildlife Agencies'. Project implementation resulted in direct impacts to 0.4 acre of Diegan coastal sage scrub habitat, which was not occupied by the federally threatened coastal California gnatcatcher (*Poliophtila californica californica*) and impacts to 5.2 acres of non-native grassland. Mitigation for impacts to these resources included eight acres of on-site restoration and preservation. As outlined in the 2012 Hi Hope Ranch Project Restoration Plan, on-site restoration included a 5.4-acre, 100-foot wide buffer (restoration site) along the San Luis Rey River at the northern boundary of the project site. Additionally, 2.6 acres of non-native grassland adjacent to the restoration site was preserved.

Description of Services Provided: VCS Environmental provided conservation easement, long-term management and monitoring plan, and permit compliance services as well as implemented the Habitat Mitigation Monitoring Plan (HMMP), which included:

- Restoration site installation
- Oversight of maintenance
- Qualitative and quantitative monitoring
- Preparation of annual reports (2015-2024)

Project Similarities:

- Provided Similar CM Services
- Clearing and Grubbing
- Habitat Restoration
- Landscaping



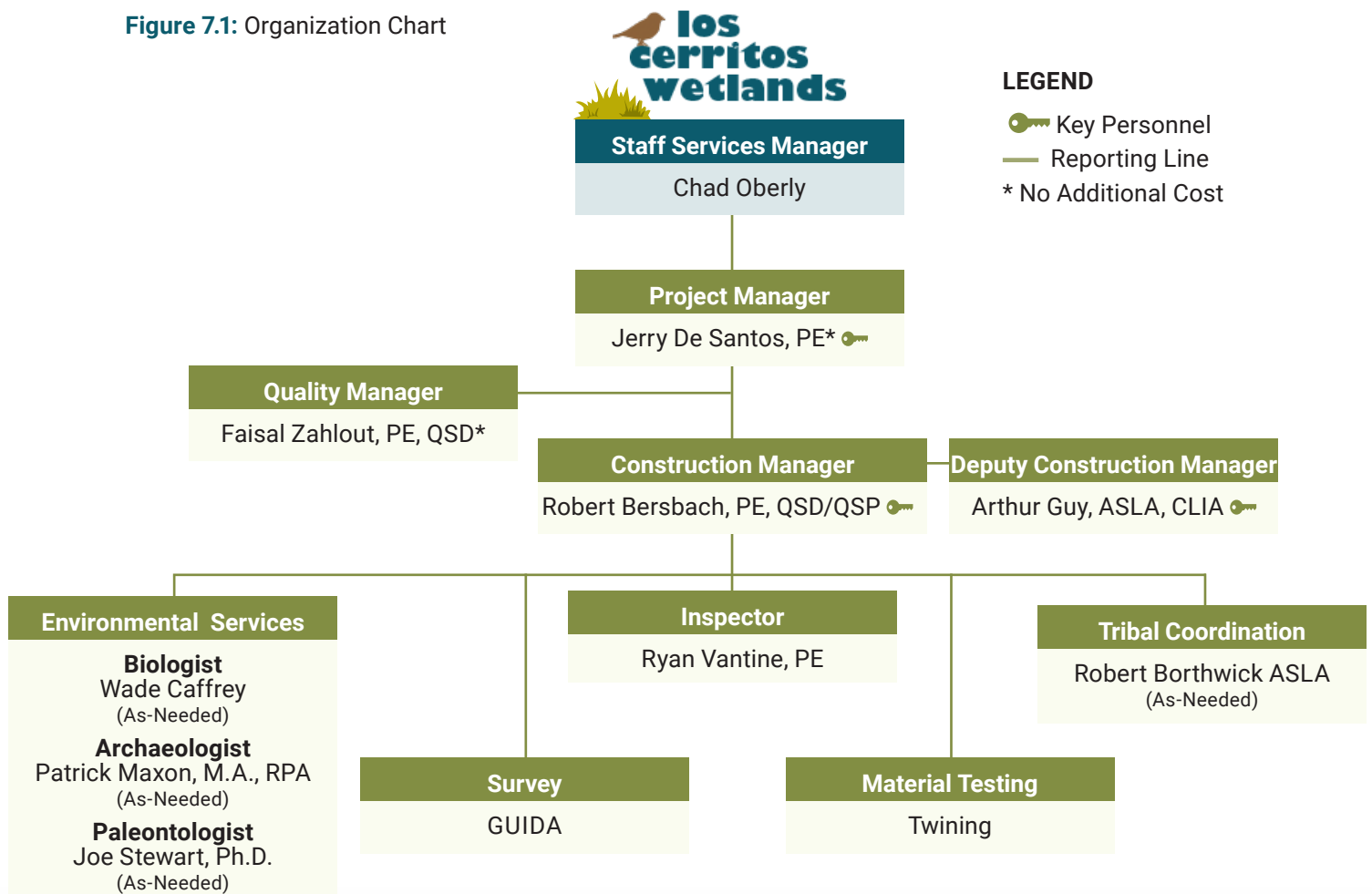
Personnel

SYRUSA has selected personnel and organized our team to best manage the Project scope of services. Our personnel are experienced and skilled at providing all subtasks identified in Task 1: Preconstruction Phase Services and Task 2: Construction Phase Services. Our key and additional personnel ensure that at every level our team has the ability to plan and deliver this Project successfully for LCWA. **Figure 7.1** illustrates our team's organizational structure.

Project Manager Jerry De Santos is the primary point of contact for LCWA and will coordinate our team's operations with the LCWA. Jerry has access to all of SYRUSA's construction management resources, including subconsultants, and will leverage his knowledge and experience to lead our team. **Jerry** and **Quality Manager Faisal Zahlout** are provided at **no additional cost to LCWA**, allowing our team to best meet the requirements of this Project while staying within the contract budget. **Construction Manager Robert Bersbach** and **Deputy Construction Manager Arthur Guy** provide our team with a combination of experience providing complex construction management services on public works projects with expertise in managing coastal habitat restoration in ecologically sensitive areas. Together, they have the experience, expertise, and abilities to deliver this Project for LCWA.

Resumes for key personnel are included on the following pages of our proposal. Resumes for additional personnel, those included in Figure 7.1 and further additional technical support personnel available to our team, are included in the Appendix.

Figure 7.1: Organization Chart





EDUCATION

- Master of Science, Civil Engineering, University of California, Irvine
- Bachelor of Science, Civil Engineering, University of California, Irvine

CERTIFICATIONS/LICENSES

- CA, Professional Engineer (Civil), No. 62363

CURRENT WORK ASSIGNMENTS

- City of Irvine, Jamboree Michelson Pedestrian Bridge, Completion April 2027
- 90% available for this project

"We have been very fortunate to have Jerry working with us the last 6 months and I know that well find out at some point what the next round is for District 12 but want to thank you on behalf of myself and the entire OCTA staff for continuing the coordination, a lot of hard things to do and we really appreciate it, so thank you Jerry."

Darrell Johnson OCTA
CEO

Gerardo (Jerry) De Santos, PE

Project Manager

HIGHLIGHTS

- 28 years of construction management and engineering experience
- Successfully managed 300+ public projects valued at \$10 billion in Orange County and Southern California
- Expert at multi agency coordination and community engagement
- Leave No Trace Center for the Outdoor Ethics, Certified Trainer

Responsibilities

Jerry will serve as the primary contact person to represent SYRUSA. He is licensed Professional Civil Engineer in the State of California and will leverage his in-depth understanding of local, state, and federal construction practices and procedures along with his thorough understanding of Cal-OSHA requirements. As the Project Manager, he is responsible for reviewing, monitoring, training, and providing general direction for all of our team's personnel. Jerry will assign personnel to the Project on an as-needed basis, ensuring that all tasks are delivered within budget.

About Jerry

Jerry boasts 28 years of extensive engineering and construction management expertise, encompassing planning, local assistance, design, construction, and maintenance. Jerry has a wealth of knowledge, skills, and experience in delivering complex projects and has a history of successfully collaborating with many different internal and external stakeholders. His communication skills combined with his natural ability to bring people together and find solutions is a key component in our team's ability to deliver this Project for LCWA.

Throughout his career, Jerry has formed successful working relationships with public agencies such as OCTA, Caltrans, SBCTA, and RCTC, and he has a long history of providing excellent services on public works projects. His illustrious career includes pivotal roles for Caltrans such as the Clean California Statewide Coordinator, Tunnels and Tubes Director in the Bay Area, and District Director in Orange County. He has also contributed significantly to the 2006 Winter Training Falsework and served on the Foundations Tech Team in 2015 and 2020. Furthermore, Jerry dedicated 17 years to Santa Ana College as Adjunct Faculty within the Division of Science, Mathematics, and Health Science, specializing in Physics and Astronomy. His multifaceted contributions have left a profound impact across both engineering practice and academia.



Project Experience

OCPW, Santa Ana River Concrete Repair, Fountain Valley, CA

Jerry served as Project Manager on this project focused on repairing and upgrading the concrete channel along the Santa Ana River. The project enhanced flood control and ensured the safety of the surrounding communities, including repairing damaged concrete walls and channels to prevent erosion and maintain structural integrity; improving drainage systems to efficiently manage stormwater and reduce the risk of flooding; and enhancing safety measures to protect both the infrastructure and the public. The project was part of a broader effort to improve flood protection and resilience in the region, benefiting residents and businesses in Orange County. Project Cost: \$500K, Duration on Project: 08/2024 – 11/2024

OCPW, Crown Valley/Oso Parkway Bridge Rehabilitation, Mission Viejo, CA

Project Manager. This project completed routine maintenance to both the Crown Valley Parkway Bridge and Oso Parkway Bridge to extend the bridges' service life and maintain safe operation. These bridges span over the Trabuco Creek/Arroyo Trabuco Wilderness Area located east of Mission Viejo and west of Ladera Ranch (Crown Valley Parkway Bridge) and Las Flores (Oso Parkway Bridge). Bridge maintenance activities included: repairing road surface areas along the bridges, applying road surface treatment to enhance durability, and installing stormwater drainage conduit to protect utility equipment.

SBCTA, I-10 Mt. Vernon Ave Interchange Improvement Project, Colton, CA

The I-10 Mt. Vernon Avenue Interchange project's goal is to improve traffic operations as well as bicycle and pedestrian access along Mt. Vernon Avenue through the interchange. This project includes the addition of through and left turn lanes on Mt. Vernon Ave and Valley Blvd, bridge replacement with a new steel bridge, new pump station, sidewalk improvements, and Class II bike lanes. The project lengthens Mt. Vernon Avenue bridge to fit the future widening of the 1-10 freeway's final configuration. As Project Manager, Jerry is responsible for the preconstruction services, bid process, construction coordination, cost and schedule control, contract change orders and claims, safety, and project closeout. Project Cost: \$54.9 Million | Performance Period: 01/2024 – Current

SBCTA, I-10 Express Lanes Contract 2, Fontana, CA

The Project will provide one express lane in each direction in the median from Interstate-15 in the City of Ontario to Pepper Avenue in the City of Colton, as well as interchange ramp modifications and structure widening. As Project Manager, Jerry is responsible for the preconstruction services, bid process, construction coordination, cost and schedule control, contract change orders and claims, safety and closeout. Project Cost: \$796 Million | Performance Period: 06/2024-Current

City of Santa Ana, Fairview Bridge Replacement and Street Improvement Project, Santa Ana, CA

This project is in an environmentally sensitive area adjacent to a golf course and includes widening Fairview Street from 9th Street to 16th Street, including replacing the Fairview Street bridge crossing over the Santa Ana River. The Project will widen Fairview Street from two lanes in each direction to three lanes in each direction. Fairview Street Bridge will be replaced with a new six-lane bridge (three lanes in each direction), including a complete bridge deck with decorative barrier rails, divided railing for shared pedestrian/bike path, a raised median, and lighting. As Project Manager, Jerry is responsible for the preconstruction services, bid process, construction coordination, cost and schedule control, contract change orders and claims, safety, and project closeout. Project Cost: \$50 Million | Performance Period: 03/2024-Current





EDUCATION

- Master of Engineering, Civil Engineering, California State University Fullerton
- Bachelor of Engineering, Civil Engineering, California State University Fullerton

CERTIFICATIONS/LICENSES

- CA, Professional Engineer (Civil) No. 89852
- CA, QSD/QSP, No. 27339
- Confined Spaces
- Temporary Pedestrian Access
- ACI Field Technician Grade I
- OSHA 10 Hour
- CPR/First Aid
- Defensive Driving
- BNSF Safety Training
- UIBNSFUSCA122032195

CURRENT WORK ASSIGNMENTS

- City of Irvine, Jamboree/ Michelson Pedestrian Bridge, Completion date April 2027
- 75% of time available to provide to this project

Robert Bersbach, PE, QSD/QSP

Construction Manager

HIGHLIGHTS

- More than a decade of construction management experience, including coordinating multidisciplinary teams constructing civil, structural, and landscape designs
- Knowledge of municipal, county, state, and federal regulatory frameworks and permit requirements from working with Caltrans and local public agencies
- Experience working on public sector construction projects throughout Southern California
- Knowledge of public project procurement processes, public project labor requirements, and state funding sources
- QSD/P and SWPPP expert

Responsibilities

Robert will lead the preconstruction phase and construction phase services. He will be responsible for monitoring and providing daily direction to SYRUSA's team and inspection personnel. Robert will assign field personnel to specific Project tasks; monitor and track the contractor's progress; prepare daily, weekly and monthly reports as required; coordinate utility relocations with appropriate agencies and the utility inspector; and act as prime field contact between various Project contractors and the LCWA. Robert is a licensed Professional Civil Engineer in the State of California, Qualified SWPPP Developer and Practitioner (QSD/QSP), and has the ability to work well with stakeholders and subject matter experts, make effective decisions concerning construction work in progress, and solve field problems.

About Robert

Robert brings over a decade of extensive experience in construction management across municipal, county, state, and federal projects. His portfolio includes landscaping, roadwork, environmentally sensitive projects, utility relocations, facilities, culverts, and structural developments. Robert's expertise lies in proactively identifying and addressing actual and potential project challenges by delivering effective engineering solutions and ensuring rigorous adherence to safety and health regulations. He excels in maintaining compliance with construction contract provisions and all applicable regulations, safeguarding both public and project personnel welfare. His skills encompass preparing detailed calculations, records, reports, and correspondence for construction activities. Robert's professional experience also spans document control, office engineering tasks, field surveying, grade checking, storm drain construction, submittal reviews, and managing environmental compliance. With proficiency in SWPPP, drainage, and utility work, he effectively oversees key aspects of stormwater management. Moreover, Robert demonstrates expertise in preparing pay estimates, change order requests (COs), force account analyses, and extra work documentation. He efficiently manages daily field inspections, SWPPP compliance, and the preparation of As-Built and final records. Robert ensures exceptional attention to detail and excellence throughout every phase of construction.



Project Experience

Caltrans D7, Roadway Widening and Bike Lane Improvement at Will Rogers State Beach, Los Angeles, CA

This project included roadway widening and safety upgrades in an environmentally sensitive coastal area along the PCH. The shoulder was widened to accommodate a bike path, the metal guardrail was upgraded to a concrete barrier, a concrete retaining wall was added with a concrete barrier on top which was capped by a steel tubular railing. The project was located within 1,000 feet of the Pacific Ocean, which required additional SWPPP measures and compliance with environmental regulations. As assistant structure representative, Ryan provided construction inspection services and also handled District work to lower the cost for the State. He also reviewed submittals and prepared as-builts. Project Cost \$5.5 Million

Caltrans D7, Pacific Coast Highway Emergency Slope Stabilization, Malibu, CA

This \$5.5 million slope stabilization project along the PCH was located within 1,000 feet of the Pacific Ocean, requiring additional SWPPP measures and compliance with environmental regulations. The project included construction of a tie back wall, installation of a soldier pile wall, ground anchors with CIP walers, sheet piles, and micropiles. It also included concrete barriers, curbs, sidewalks, and striping. Strict safety protocols were enforced to protect the traveling public and residents. As Assistant Structure Representative, Ryan provided construction inspection services and handled District work to lower the cost for the State. He reviewed submittals, assisted with DRA defense for the State, and prepared as-builts and project closeout documents. Project Cost \$5.5 Million

Caltrans District 7, I-5 Improvements Project, Los Angeles County, CA

This project includes construction north of Lake Hughes Road to Templin Hwy. The scope of work consists of soldier pile wall, embankment reconstruction, box culvert replacement, drainage, shoulder strengthening, JPCP and JPCP RS, HMA, RHMA, DPPIA, MVP, concrete barrier and midwest guardrail installation. Similar project elements included: grading, excavating, clearing, grubbing, removing/replacing/improving culverts, reuse of fill material on-site, earthen berms to control flooding, roadway improvements, and landscaping. As Roadway Construction Manager, Robert provided similar construction management services. Project Cost \$24.5 Million | Duration on Project: 03/2024 – 02/2025

Caltrans District 7, I-210 Improvements Project, Los Angeles County, CA

The project included replacement of joint seals for 14 bridges, upgrading concrete the barrier for eight bridges, widening multiple bridges, upgrading existing storm drains, adding guard rails to multiple areas, restoring center median, SWPPP compliance, shoulder landscaping, and erosion control. As Roadway Construction Manager, Robert was responsible for daily field inspection, SWPPP inspection, and adherence to plans and specifications. Project Cost: \$ 135.5 Million | Duration on Project: 06/2020 – 02/2024

Caltrans District 7, I-5 Slab Replacement Projects, Santa Clarita, CA

The project included full lane replacement with JPCP, individual slab replacement, stage construction striping, traffic control, HMA shoulders and ramps, upgrading existing storm drains, adding midwest guard rails to multiple areas, shoulder landscaping, conduit for electrical and irrigation line, drainage, erosion control, and SWPPP. As Roadway Construction Inspector, Robert was responsible for daily inspection and reports, safety oversight, SWPPP inspection, and conformance to plans and specifications, including Caltrans standards for highway planting and irrigation systems. Project Cost: \$138 Million | Duration on Project: 08/2019 – 01/2020

Caltrans District 8, CV Kane Rest Area, Barstow, CA

Project included two buildings, three picnic areas, landscape of the entire project limits, a new irrigation system, one information center, two water tanks, sidewalks and ADA ramps, new parking lots, streetlights, drainage systems, and other new improvements. As Roadway Inspector, Robert's responsibilities included ensuring work was in conformance with plans and specifications while completing the project safely, on time, and within budget.



BGB | DESIGN GROUP
Landscape Architecture Planning Urban Design

EDUCATION

- Bachelor of Science, Landscape Architecture, California State Polytechnic University, Pomona

CERTIFICATIONS/ LICENSES

- Registered Landscape Architect, California #2214
- Registered Landscape Architect, Nevada #488
- Certified Landscape Irrigation Auditor #81986

PROFESSIONAL MEMBERSHIPS

- American Society of Landscape Architects, Full Member
- Irrigation Association, Full Member

CURRENT WORK ASSIGNMENTS

- Trumark Homes, Shady View Coastal Sage 43-Acre Mitigation Project, Completion 2030.
- 90% Available for this project.

Arthur (Art) Guy ASLA, CLIA

Deputy Construction Manager

HIGHLIGHTS

- 40 years of landscape architecture and irrigation experience
- Experienced working within the coastal environment and managing coastal habitat restoration
- Ability coordinate with multiple agencies and stakeholders
- Horticulture expert

Responsibilities

Serving as the Deputy Construction Manager, Art will provide critical support to Robert during both the preconstruction and construction phases. As a licensed landscape architect and recognized subject matter expert in coastal habitat restoration projects across Southern California, Art contributes extensive specialized expertise. His skills seamlessly complement Robert's construction management proficiency, creating a well-rounded and highly capable team.

About Arthur

Arthur has over 40 years of landscape architecture and irrigation design experience, including 25 years as Principal with BGB. Among his multiple duties, Arthur directs a comprehensive approach to irrigation design within the firm and serves as the technical liaison pertaining to water management issues which arise during the planning, design, and implementation phases of projects.

Arthur is well suited to provide construction management for the landscape and irrigation scope of this Project. He gained valuable experience working within the coastal environment during the eight year design and construction phases for the San Clemente Railroad Corridor Pedestrian Trail. On that project he headed a team of civil, geotechnical, environmental, coastal, and railroad engineers navigating the local, State, federal and rail authority requirements and policies, including jurisdictional wetlands.

Arthur's knowledge of horticulture extends from high desert to tropical bioregions, enabling him to effectively design planting and irrigation systems appropriate to individual environmental requirements. Additionally, Arthur provides landscape and irrigation plan check services relating to the City of Rancho Santa Margarita's Water Conservation Landscape Ordinance. Recent projects include a one-mile Class I Bike Trail and "Smart Street" improvement project for N. El Camino Real for the City of San Clemente, a median / parkway renovation project for a one-mile reach of West PCH in the City of Newport Beach, and a turf replacement median project (Jamboree Blvd.) for the City of Newport Beach.

Project Experience

Railroad Corridor Pedestrian Beach Trail, City of San Clemente, CA

BGB was the prime consultant for this \$15M multi-phase oceanfront project. The 2.5-mile trail is located at the base of the oceanfront bluffs





that run the entire length of the City. Features included jurisdictional wetlands, 5 new pedestrian railroad crossings, 1,600 ft pedestrian bridge around Mariposa Point, handicap accessible ramps, beach access facilities, native landscaping, signage, public art, and pedestrian accent areas.

Arthur was the leader for a large team of consultants during the eight-year planning and design phases of the project. In addition, he was the primary contact person for all governmental agencies that were involved in processing (including the City of San Clemente, Caltrans, the Southern California Regional Rail Authority, the California Coastal Commission, etc.). This project received an Award of Excellence by the American Planning Association and a Merit Award from the American Society of Landscape Architects.

University Drive, City of Irvine, CA

As a subconsultant to Harris & Associates, BGB provided preliminary design through construction documents for the one mile reach adjacent to UCI Campus. Landscape and irrigation scope included conversion to reclaimed water. Additionally, photo-simulations were provided to convey interface between the landscape/bike trail and vehicular travel lane. The \$1M (landscape scope) Project was completed in 2020.

Esplanade Streetscape, City of Redondo Beach, CA

Provided landscape and hardscape design for this bluff top renovation project, focusing on view preservation, increasing pedestrian and bicycle safety while providing timeless design continuity of design elements. The project was completed in Spring 2011 and received an APWA award in 2012.

Kern River Upland and River Edge Restoration Project, City of Bakersfield, CA

BGB designed the half mile riverfront trail project that included kiosks with composite wood decking and gabion foundation overlooks including interpretative signage, pedestrian and equestrian trail, and native landscape. The project was completed in the Fall of 2011.

Ole Hanson Beach Club, City of San Clemente, CA

This project included landscape design for the recently renovated Ole Hanson Beach Club, originally built in 1928 by the founder of San Clemente. As a historic focal point for the town, the Beach Club is used for recreation activities as well as weddings and special events. The plant material selections included succulents and other drought-tolerant materials used in the 1930s, and the new irrigation system was designed to incorporate reclaimed water. Landscape was completed in 2017, under budget at \$300k. This project marks the centerpiece of the 2.4-mile Coastal Trail and El Camino Bike Trail projects completed earlier by BGB.

Crystal Cove Cottages, Newport Beach Historical Restoration Project

This project included landscape, irrigation and hardscape design to restore the remaining 19 historic cottages to pre-1960 level. Arthur worked with Crystal Cove Conservancy and CA State Parks Historical group to recreate this iconic coastal site.

Trumark Homes, Shady View Coastal Sage 43-Acre Mitigation Project

BGB worked with VCS Environmental to prepare landscape and irrigation plans for a 43-acre Coastal Sage mitigation site. Implementation will commence in 2025 for a 5-year monitoring schedule and must achieve 80-90% success rate.

Integral Communities / Oil Operators site (River Park), Long Beach

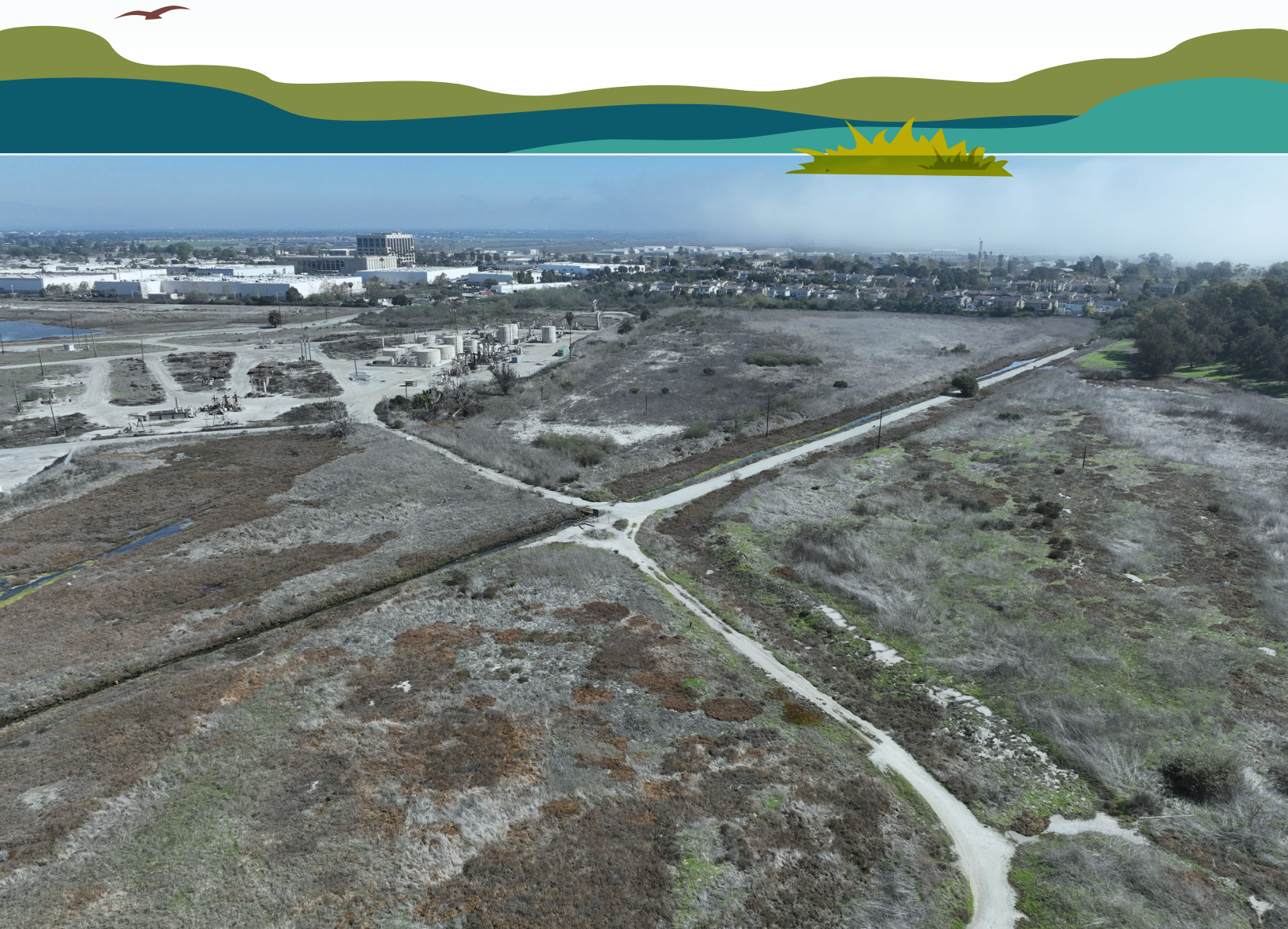
BGB is currently in the approval stages, developing a 4.3 acre park over a Brownfield site including coordination with the Gabrielino Band of Mission Indians – Kizh Nation elder, Chief Salas to provide historical interpretative signage of the site's historical significance.



8

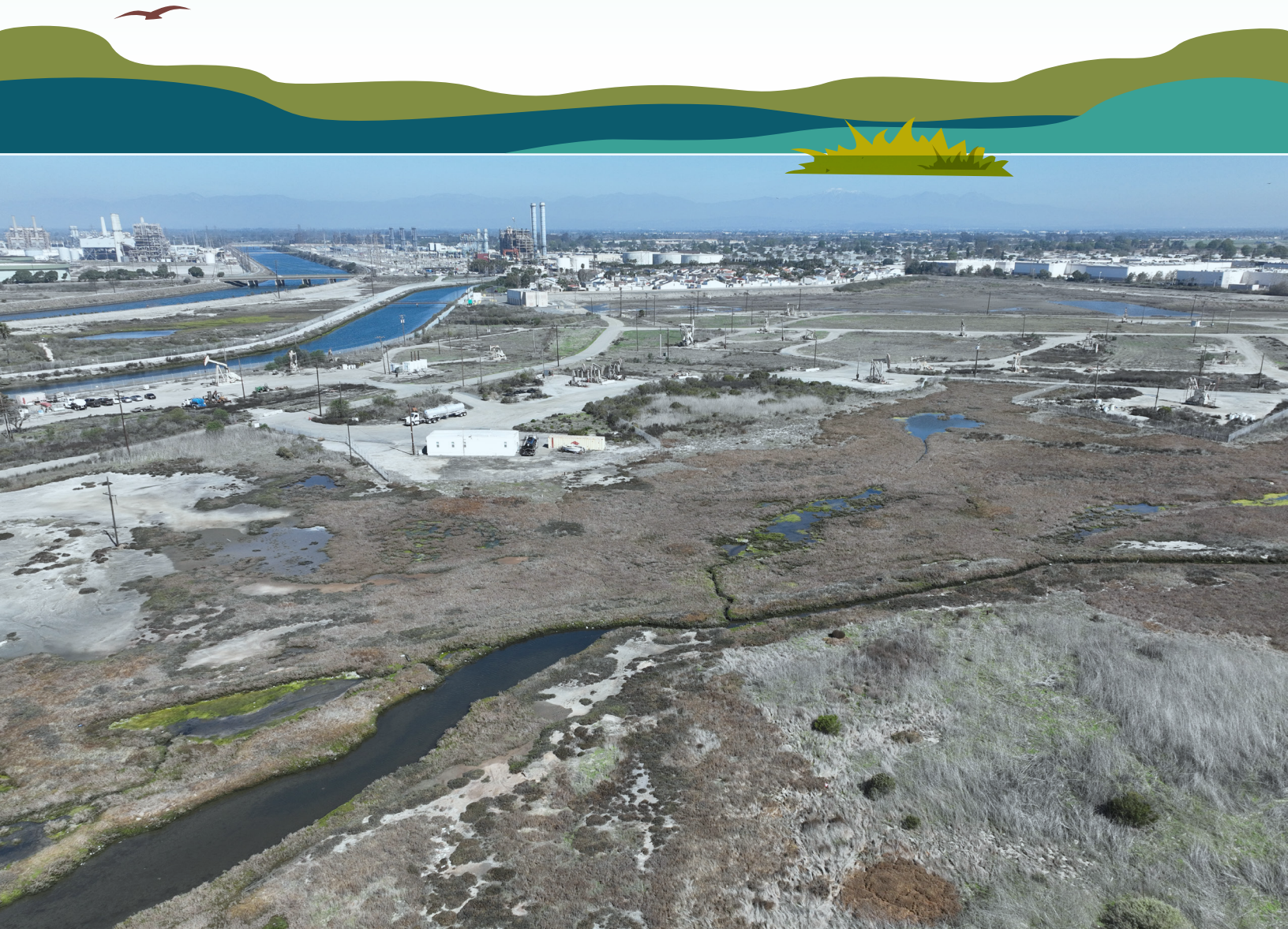
Cost Proposal

CONFIDENTIAL AND
REMOVED FROM EXHIBIT B

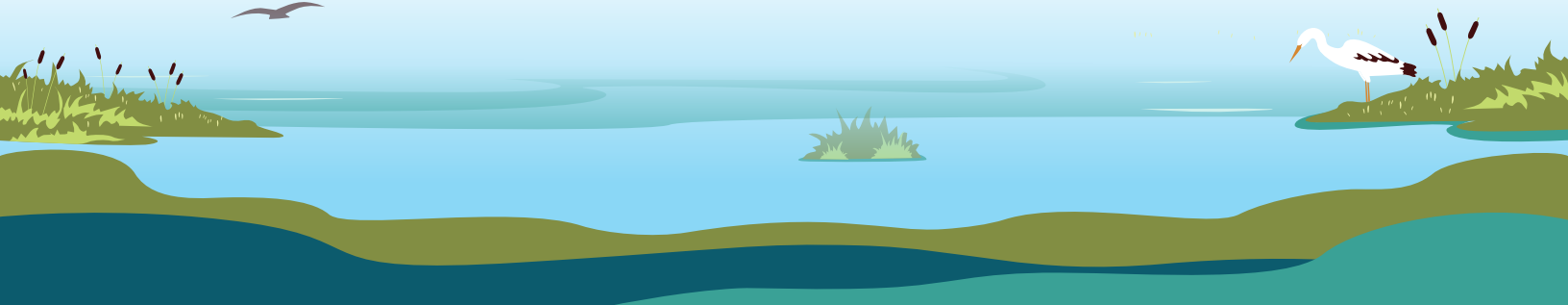


9

Additional Required Documents



Current Statement of Information





BA20241695352



STATE OF CALIFORNIA
Office of the Secretary of State
STATEMENT OF INFORMATION
CORPORATION

California Secretary of State
1500 11th Street
Sacramento, California 95814
(916) 657-5448

For Office Use Only

-FILED-

File No.: BA20241695352

Date Filed: 9/23/2024

B3061-5125 09/23/2024 11:53 AM Received by California Secretary of State

Entity Details

Corporation Name SYRUSA ENGINEERING, INC.
Entity No. 3266541
Formed In CALIFORNIA

Street Address of Principal Office of Corporation

Principal Address 255 W. CENTRAL AVE
SUITE 204
BREA, CA 92821

Mailing Address of Corporation

Mailing Address 255 W. CENTRAL AVE
SUITE 204
BREA, CA 92821

Attention

Street Address of California Office of Corporation

Street Address of California Office 255 W. CENTRAL AVE
SUITE 204
BREA, CA 92821

Officers

Officer Name	Officer Address	Position(s)
Jose Corona	18057 CROSSHAVEN DR ROWLAND HEIGHTS, CA 91748	Chief Executive Officer
Mary Zahlout	520 VALLEY HOME AVE LA HABRA CA, CA 90631	Chief Financial Officer, Secretary

Additional Officers

Officer Name	Officer Address	Position	Stated Position
Mary Zahlout	520 VALLEY HOME AVE LA HABRA CA, CA 90631	Other	President

Directors

Director Name	Director Address
Mary Zahlout	255 W. CENTRAL AVE SUITE 204 BREA, CA 92821
Jose Corona	255 W. CENTRAL AVE SUITE 204 BREA, CA 92821

The number of vacancies on Board of Directors is: 0

Agent for Service of Process

Agent Name Mary Zahlout
Agent Address 255 W. CENTRAL AVE
SUITE 204
BREA, CA 92821

Type of Business

Type of Business	Construction Management
Email Notifications	
Opt-in Email Notifications	Yes, I opt-in to receive entity notifications via email.
Labor Judgment	No Officer or Director of this Corporation has an outstanding final judgment issued by the Division of Labor Standards Enforcement or a court of law, for which no appeal therefrom is pending, for the violation of any wage order or provision of the Labor Code.
Electronic Signature	
<input checked="" type="checkbox"/> By signing, I affirm that the information herein is true and correct and that I am authorized by California law to sign.	
<u>Mary Zahlout</u>	<u>09/23/2024</u>
Signature	Date



Secretary of State Certificate of Status

I, SHIRLEY N. WEBER, PH.D., California Secretary of State, hereby certify:

Entity Name: BGB DESIGN GROUP, INC.
Entity No.: 2062830
Registration Date: 12/12/1997
Entity Type: Stock Corporation - CA - General
Formed In: CALIFORNIA
Status: Active

The above referenced entity is active on the Secretary of State's records and is authorized to exercise all its powers, rights and privileges in California.

This certificate relates to the status of the entity on the Secretary of State's records as of the date of this certificate and does not reflect documents that are pending review or other events that may impact status.

No information is available from this office regarding the financial condition, status of licenses, if any, business activities or practices of the entity.



IN WITNESS WHEREOF, I execute this certificate and affix the Great Seal of the State of California this day of March 24, 2025.

SHIRLEY N. WEBER, PH.D.
Secretary of State

Certificate No.: 309926430

To verify the issuance of this Certificate, use the Certificate No. above with the Secretary of State Certification Verification Search available at bizfileOnline.sos.ca.gov.



BA20241313157



STATE OF CALIFORNIA
Office of the Secretary of State
STATEMENT OF INFORMATION
CORPORATION

California Secretary of State
1500 11th Street
Sacramento, California 95814
(916) 657-5448

For Office Use Only

-FILED-

File No.: BA20241313157

Date Filed: 7/17/2024

B2894-1284 07/17/2024 12:06 PM Received by California Secretary of State

Entity Details			
Corporation Name	BGB DESIGN GROUP, INC.		
Entity No.	2062830		
Formed In	CALIFORNIA		
Street Address of Principal Office of Corporation			
Principal Address	3185 C1 AIRWAY AVE., COSTA MESA, CA 92626		
Mailing Address of Corporation			
Mailing Address	3185 C1 AIRWAY AVE., COSTA MESA, CA 92626		
Attention			
Street Address of California Office of Corporation			
Street Address of California Office	3185 C1 AIRWAY AVE., COSTA MESA, CA 92626		
Officers			
Officer Name	Officer Address	Position(s)	
ARTHUR DEPRA GUY III	256 E. 20TH. STREET COSTA MESA, CA 92627	Chief Financial Officer, Chief Executive Officer, Secretary	
Additional Officers			
Officer Name	Officer Address	Position	Stated Position
None Entered			
Directors			
Director Name		Director Address	
ARTHUR DEPRA GUY III		256 E. 20TH STREET COSTA MESA, CA 92627	
The number of vacancies on Board of Directors is: 0			
Agent for Service of Process			
Agent Name		ARTHUR DEPRA GUY	
Agent Address		256 E. 20TH. STREET COSTA MESA, CA 92627	
Type of Business			
Type of Business		LANDSCAPE ARCHITECT	
Email Notifications			
Opt-in Email Notifications		Yes, I opt-in to receive entity notifications via email.	
Labor Judgment			
No Officer or Director of this Corporation has an outstanding final judgment issued by the Division of Labor Standards Enforcement or a court of law, for which no appeal therefrom is pending, for the violation of any wage order or provision of the Labor Code.			

Electronic Signature

☒ By signing, I affirm that the information herein is true and correct and that I am authorized by California law to sign.

Stephanie Satterlee

Signature

07/17/2024

Date



BA20241598904



STATE OF CALIFORNIA
Office of the Secretary of State
STATEMENT OF INFORMATION
CORPORATION

California Secretary of State
1500 11th Street
Sacramento, California 95814
(916) 657-5448

For Office Use Only

-FILED-

File No.: BA20241598904

Date Filed: 9/5/2024

B3019-2718 09/05/2024 9:34 AM Received by California Secretary of State

Entity Details			
Corporation Name	VANDERMOST CONSULTING SERVICES, INC.		
Entity No.	2089369		
Formed In	CALIFORNIA		
Street Address of Principal Office of Corporation			
Principal Address	30900 RANCHO VIEJO ROAD SUITE 100 SAN JUAN CAPISTRANO, CA 92675		
Mailing Address of Corporation			
Mailing Address	30900 RANCHO VIEJO ROAD SUITE 100 SAN JUAN CAPISTRANO, CA 92675		
Attention			
Street Address of California Office of Corporation			
Street Address of California Office	None		
Officers			
Officer Name	Officer Address	Position(s)	
JULIE CHAPMAN BEEMAN	28022 CAMINO DEL RIO SAN JUAN CAPISTRANO, CA 92675	Chief Executive Officer, Secretary, Chief Financial Officer	
Additional Officers			
Officer Name	Officer Address	Position	Stated Position
None Entered			
Directors			
Director Name		Director Address	
+ Julie Beeman		27555 VALLEY RIM CIRCLE SAN JUAN, CA 92675	
The number of vacancies on Board of Directors is: 0			
Agent for Service of Process			
Agent Name		JULIE CHAPMAN BEEMAN	
Agent Address		30900 RANCHO VIEJO ROAD SUITE 100 SAN JUAN CAPSITRANO, CA 92675	
Type of Business			
Type of Business		Environmental Services	
Email Notifications			
Opt-in Email Notifications		Yes, I opt-in to receive entity notifications via email.	
Labor Judgment			
No Officer or Director of this Corporation has an outstanding final judgment issued by the Division of Labor Standards Enforcement or a court of law, for which no appeal therefrom is pending, for the violation of any wage order or provision of the Labor Code.			

Electronic Signature

☒ By signing, I affirm that the information herein is true and correct and that I am authorized by California law to sign.

Amanda Stronach

Signature

09/05/2024

Date



BA20230622430

B1674-2967 04/14/2023 10:19 AM Received by California Secretary of State



STATE OF CALIFORNIA
Office of the Secretary of State
STATEMENT OF INFORMATION
CORPORATION

California Secretary of State
1500 11th Street
Sacramento, California 95814
(916) 653-3516

For Office Use Only

-FILED-

File No.: BA20230622430

Date Filed: 4/14/2023

Entity Details			
Corporation Name	GUIDA SURVEYING, INC.		
Entity No.	1943902		
Formed In	CALIFORNIA		
Street Address of Principal Office of Corporation			
Principal Address	220 COMMERCE SUITE 150 IRVINE, CA 92602		
Mailing Address of Corporation			
Mailing Address	220 COMMERCE SUITE 150 IRVINE, CA 92602		
Attention			
Street Address of California Office of Corporation			
Street Address of California Office	220 COMMERCE SUITE 150 IRVINE, CA 92602		
Officers			
Officer Name	Officer Address	Position(s)	
MEAGAN A GUIDA	220 COMMERCE SUITE 150 IRVINE, CA 92602	Chief Executive Officer, Chief Financial Officer	
■ LISA SPIVAK	220 COMMERCE SUITE 150 IRVINE, CA 92602	Secretary	
Additional Officers			
Officer Name	Officer Address	Position	Stated Position
■ RALPH W GUIDA IV	220 COMMERCE SUITE 150 IRVINE, CA 92602	Other	PRESIDENT
Directors			
Director Name	Director Address		
■ ADRIAN TRESPANDO	220 COMMERCE SUITE 150 IRVINE, CA 92602		
■ BERNARD J MCINALLY	220 COMMERCE SUITE 150 IRVINE, CA 92602		
■ TIMOTHY S FETTIG	220 COMMERCE SUITE 150 IRVINE, CA 92602		

<input checked="" type="checkbox"/> RALPH W GUIDA IV	220 COMMERCE SUITE 150 IRVINE, CA 92602
<input checked="" type="checkbox"/> MEAGAN A GUIDA	220 COMMERCE SUITE 150 IRVINE, CA 92602
The number of vacancies on Board of Directors is: 0	
Agent for Service of Process	
Agent Name	MEAGAN A GUIDA
Agent Address	220 COMMERCE SUITE 150 IRVINE, CA 92602
Type of Business	PROFESSIONAL LAND SURVEYING
Email Notifications	
Opt-in Email Notifications	No, I do NOT want to receive entity notifications via email. I prefer notifications by USPS mail.
Labor Judgment	
No Officer or Director of this Corporation has an outstanding final judgment issued by the Division of Labor Standards Enforcement or a court of law, for which no appeal therefrom is pending, for the violation of any wage order or provision of the Labor Code.	
Electronic Signature	
<input checked="" type="checkbox"/> By signing, I affirm that the information herein is true and correct and that I am authorized by California law to sign.	
<u>MEAGAN A GUIDA</u>	<u>04/14/2023</u>
Signature	Date



BA20231689681



STATE OF CALIFORNIA
Office of the Secretary of State
CERTIFICATE OF AMENDMENT
CA CORPORATION

California Secretary of State
1500 11th Street
Sacramento, California 95814
(916) 653-3516

For Office Use Only

-FILED-

File No.: BA20231689681

Date Filed: 11/3/2023

Corporation Details

Corporation Name

GUIDA SURVEYING, INC.

Entity No.

1943902

Amendment Details

Article ONE of the Articles of Incorporation is amended to read:

Corporation Name

GUIDA

Approval Statements

Approval Statements

- 1) The Board of Directors has approved the amendment of the Articles of Incorporation.
- 2) Share approval was by the required vote of shareholders in accordance with California Corporations Code section 902. The total number of outstanding shares of the corporation entitled to vote is 99,220. The number of shares voting in favor of the amendment equaled or exceeded the vote required. The percentage vote required was more than 50%.

Signatures

☒ We declare under penalty of perjury under the laws of the State of California that the matters set forth herein are true and correct of our own knowledge.

Secretary

Lisa Spivak

11/03/2023

Officer Title

Officer Signature

Date

President/Chief Executive Officer

Ralph W Guida IV

11/03/2023

Officer Title

Officer Signature

Date

B2230-4419 11/03/2023 12:50 PM Received by California Secretary of State



BA20242165952



STATE OF CALIFORNIA
Office of the Secretary of State
STATEMENT OF INFORMATION
CORPORATION

California Secretary of State
1500 11th Street
Sacramento, California 95814
(916) 657-5448

For Office Use Only

-FILED-

File No.: BA20242165952

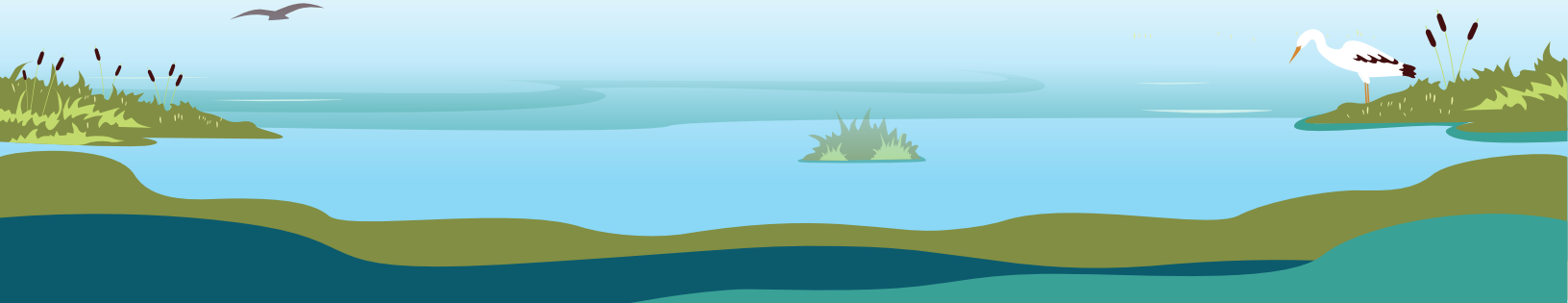
Date Filed: 12/10/2024

B3254-4113 12/10/2024 11:45 AM Received by California Secretary of State

Entity Details			
Corporation Name	TWINING, INC.		
Entity No.	0366280		
Formed In	CALIFORNIA		
Street Address of Principal Office of Corporation			
Principal Address	4811 AIRPORT PLAZA DRIVE 220 LONG BEACH, CA 90815		
Mailing Address of Corporation			
Mailing Address	4811 AIRPORT PLAZA DRIVE 220 LONG BEACH, CA 90815		
Attention			
Street Address of California Office of Corporation			
Street Address of California Office	4811 AIRPORT PLAZA DRIVE 220 LONG BEACH, CA 90815		
Officers			
Officer Name	Officer Address	Position(s)	
+ Tommy Y Lee	4811 AIRPORT PLAZA DRIVE 220 LONG BEACH, CA 90815	Chief Financial Officer	
+ Linas Y Vitkus	4811 AIRPORT PLAZA DRIVE 220 LONG BEACH, CA 90815	Secretary	
+ Robert Michael Ryan	4811 AIRPORT PLAZA DRIVE 220 LONG BEACH, CA 90815	Chief Executive Officer	
Additional Officers			
Officer Name	Officer Address	Position	Stated Position
None Entered			
Directors			
Director Name	Director Address		
+ Tommy Y Lee	4811 AIRPORT PLAZA DRIVE 220 LONG BEACH, CA 90815		
+ Robert Michael Ryan	4811 AIRPORT PLAZA DRIVE 220 LONG BEACH, CA 90815		
+ Linas Y Vitkus	4811 AIRPORT PLAZA DRIVE 220 LONG BEACH, CA 90815		

The number of vacancies on Board of Directors is: 0	
Agent for Service of Process	
Agent Name	IRMA BRICENO
Agent Address	4811 AIRPORT PLAZA DRIVE 220 LONG BEACH, CA 90815
Type of Business	
Type of Business	GEOTECHNICAL ENGINEERING
Email Notifications	
Opt-in Email Notifications	Yes, I opt-in to receive entity notifications via email.
Labor Judgment	
No Officer or Director of this Corporation has an outstanding final judgment issued by the Division of Labor Standards Enforcement or a court of law, for which no appeal therefrom is pending, for the violation of any wage order or provision of the Labor Code.	
Electronic Signature	
<input checked="" type="checkbox"/> By signing, I affirm that the information herein is true and correct and that I am authorized by California law to sign.	
<i>Irma Briceno</i>	<i>12/10/2024</i>
Signature	Date

Proof of Current Certification from the DGS
Office of Small Business and Disabled Veteran
Business Enterprise Services



To verify most current certification status go to: <https://www.caleprocure.ca.gov>



Office of Small Business & DVBE Services

Certification ID: 1581340

Legal Business Name:
SYRUSA Engineering, Inc.

Doing Business As (DBA) Name 1:

Doing Business As (DBA) Name 2:

Address:
255 W. Central Ave, Suite 204
Brea
CA 92821

Email Address:
carol.larsen@syrusaengineering.com

Business Web Page:

Business Phone Number:
714/784-6700

Business Fax Number:
714/784-6701

Business Types:
Service

Certification Type	Status	From	To
SB(Micro)	Approved	03/10/2025	03/31/2027
SB-PW	Approved	03/10/2025	03/31/2027

Stay informed! KEEP YOUR CERTIFICATION PROFILE UPDATED!

-LOG IN at [CaleProcure.CA.GOV](https://www.caleprocure.ca.gov)

Questions?

Email: OSDSHELP@DGS.CA.GOV

Call OSDS Main Number: 916-375-4940

707 3rd Street, 1-400, West Sacramento, CA 95605

To verify most current certification status go to: <https://www.caleprocure.ca.gov>



Office of Small Business & DVBE Services

Certification ID: 1156782

Legal Business Name:

BGB DESIGN GROUP INC.

Doing Business As (DBA) Name 1:

BGB DESIGN GROUP

Doing Business As (DBA) Name 2:

Address:

3185-C AIRWAY AVENUE

COSTA MESA

CA 92626

Email Address:

art@bgb-inc.com

Business Web Page:

<http://www.bgb-inc.com>

Business Phone Number:

714/545-2898

Business Fax Number:

714/545-2878

Business Types:

Service

Certification Type	Status	From	To
SB(Micro)	Approved	05/11/2023	05/31/2025

Stay informed! KEEP YOUR CERTIFICATION PROFILE UPDATED!

-LOG IN at [CaleProcure.CA.GOV](https://www.caleprocure.ca.gov)

Questions?

Email: OSDSHELP@DGS.CA.GOV

Call OSDS Main Number: 916-375-4940

707 3rd Street, 1-400, West Sacramento, CA 95605

To verify most current certification status go to: <https://www.caleprocure.ca.gov>



Office of Small Business & DVBE Services

Certification ID: 58803

Legal Business Name:

Vandermost Consulting Services Inc.

Doing Business As (DBA) Name 1:

Doing Business As (DBA) Name 2:

Address:

30900 Rancho Viejo Road

Suite 100

San Juan Capistrano

CA 92675

Email Address:

astronach@vcsenvironmental.com

Business Web Page:

www.vcsenvironmental.com

Business Phone Number:

949/489-2700

Business Fax Number:

Business Types:

Service

Certification Type	Status	From	To
SB(Micro)	Approved	08/14/2023	08/31/2025
SB-PW	Approved	08/14/2023	08/31/2025

Stay informed! KEEP YOUR CERTIFICATION PROFILE UPDATED!

-LOG IN at [CaleProcure.CA.GOV](https://www.caleprocure.ca.gov)

Questions?

Email: OSDSHELP@DGS.CA.GOV

Call OSDS Main Number: 916-375-4940

707 3rd Street, 1-400, West Sacramento, CA 95605

Printed on: 4/11/2024 12:43:26 PM

To verify most current certification status go to: <https://www.caleprocure.ca.gov>



Office of Small Business & DVBE Services

Certification ID: 26277

Legal Business Name:

Guida

Doing Business As (DBA) Name 1:

Guida

Doing Business As (DBA) Name 2:

Guida

Address:

220 COMMERCE

STE 150

IRVINE

CA 92602-1325

Email Address:

rguidaiv@guidainc.com

Business Web Page:

www.guidainc.com

Business Phone Number:

949.777.2004

Business Fax Number:

949.777.2050

Business Types:

Service

Certification Type	Status	From	To
SB	Approved	02/07/2022	04/30/2024
SB-PW	Approved	04/09/2024	04/30/2026

Stay informed! KEEP YOUR CERTIFICATION PROFILE UPDATED!

-LOG IN at [CaleProcure.CA.GOV](https://www.caleprocure.ca.gov)

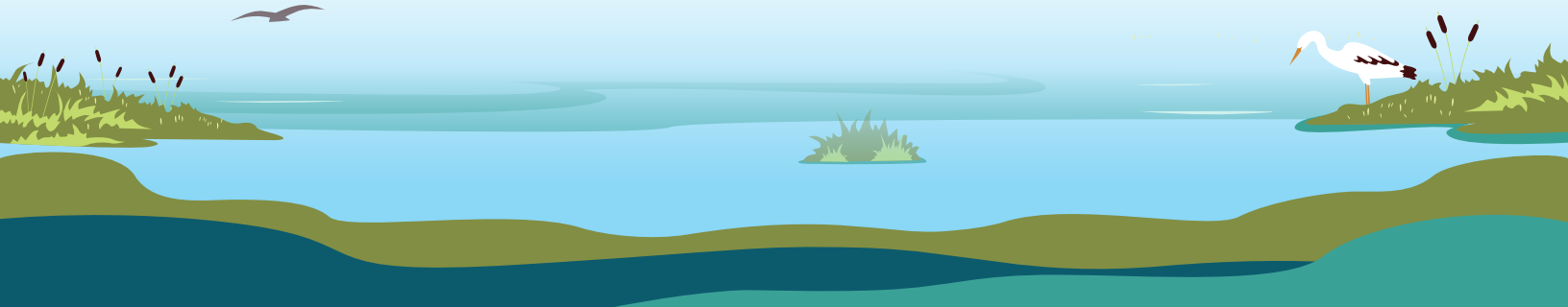
Questions?

Email: OSDSHELP@DGS.CA.GOV

Call OSDS Main Number: 916-375-4940

707 3rd Street, 1-400, West Sacramento, CA 95605

California Civil Rights Laws Attachment



Pursuant to Public Contract Code section 2010, a person that submits a bid or proposal to, or otherwise proposes to enter into or renew a contract with, a state agency with respect to any contract in the amount of \$100,000 or above shall certify, under penalty of perjury, at the time the bid or proposal is submitted or the contract is renewed, all of the following:

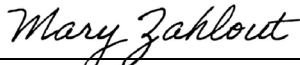
1. CALIFORNIA CIVIL RIGHTS LAWS: For contracts executed or renewed after January 1, 2017, the contractor certifies compliance with the Unruh Civil Rights Act (Section 51 of the Civil Code) and the Fair Employment and Housing Act (Section 12960 of the Government Code); and
2. EMPLOYER DISCRIMINATORY POLICIES: For contracts executed or renewed after January 1, 2017, if a Contractor has an internal policy against a sovereign nation or peoples recognized by the United States government, the Contractor certifies that such policies are not used in violation of the Unruh Civil Rights Act (Section 51 of the Civil Code) or the Fair Employment and Housing Act (Section 12960 of the Government Code).

CERTIFICATION

I, the official named below, certify under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Proposer/Bidder Firm Name (Printed)	Federal ID Number
SYRUSA Engineering, Inc.	271663172

By (Authorized Signature)



Printed Name and Title of Person Signing

Mary Zahlout - President

Executed in the County of	Executed in the State of
Orange	CA

Date Executed

03/19/2025

Pursuant to Public Contract Code section 2010, a person that submits a bid or proposal to, or otherwise proposes to enter into or renew a contract with, a state agency with respect to any contract in the amount of \$100,000 or above shall certify, under penalty of perjury, at the time the bid or proposal is submitted or the contract is renewed, all of the following:

1. **CALIFORNIA CIVIL RIGHTS LAWS**: For contracts executed or renewed after January 1, 2017, the contractor certifies compliance with the Unruh Civil Rights Act (Section 51 of the Civil Code) and the Fair Employment and Housing Act (Section 12960 of the Government Code); and
2. **EMPLOYER DISCRIMINATORY POLICIES**: For contracts executed or renewed after January 1, 2017, if a Contractor has an internal policy against a sovereign nation or peoples recognized by the United States government, the Contractor certifies that such policies are not used in violation of the Unruh Civil Rights Act (Section 51 of the Civil Code) or the Fair Employment and Housing Act (Section 12960 of the Government Code).

CERTIFICATION

I, the official named below, certify under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Proposer/Bidder Firm Name (Printed)	Federal ID Number
BGB Design Group	33-0783905

By (Authorized Signature)

Arthur Guy  Digitally signed by Arthur Guy
DN: cn=Arthur Guy, o=BGB Design
Date: 2025.03.11 16:09:49 -0700

Printed Name and Title of Person Signing

Arthur Guy, President

Executed in the County of	Executed in the State of
Orange	CA

Date Executed


03/11/2025

Pursuant to Public Contract Code section 2010, a person that submits a bid or proposal to, or otherwise proposes to enter into or renew a contract with, a state agency with respect to any contract in the amount of \$100,000 or above shall certify, under penalty of perjury, at the time the bid or proposal is submitted or the contract is renewed, all of the following:

1. **CALIFORNIA CIVIL RIGHTS LAWS:** For contracts executed or renewed after January 1, 2017, the contractor certifies compliance with the Unruh Civil Rights Act (Section 51 of the Civil Code) and the Fair Employment and Housing Act (Section 12960 of the Government Code); and
2. **EMPLOYER DISCRIMINATORY POLICIES:** For contracts executed or renewed after January 1, 2017, if a Contractor has an internal policy against a sovereign nation or peoples recognized by the United States government, the Contractor certifies that such policies are not used in violation of the Unruh Civil Rights Act (Section 51 of the Civil Code) or the Fair Employment and Housing Act (Section 12960 of the Government Code).

CERTIFICATION

I, the official named below, certify under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

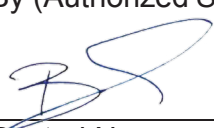
Proposer/Bidder Firm Name (Printed) Vandermost Consulting Services, Inc. dba VCS Environmental	Federal ID Number 33-0813484
By (Authorized Signature) 	
Printed Name and Title of Person Signing Julie Beeman, President	
Executed in the County of Orange	Executed in the State of California
Date Executed 3/14/2025	

Pursuant to Public Contract Code section 2010, a person that submits a bid or proposal to, or otherwise proposes to enter into or renew a contract with, a state agency with respect to any contract in the amount of \$100,000 or above shall certify, under penalty of perjury, at the time the bid or proposal is submitted or the contract is renewed, all of the following:

1. CALIFORNIA CIVIL RIGHTS LAWS: For contracts executed or renewed after January 1, 2017, the contractor certifies compliance with the Unruh Civil Rights Act (Section 51 of the Civil Code) and the Fair Employment and Housing Act (Section 12960 of the Government Code); and
2. EMPLOYER DISCRIMINATORY POLICIES: For contracts executed or renewed after January 1, 2017, if a Contractor has an internal policy against a sovereign nation or peoples recognized by the United States government, the Contractor certifies that such policies are not used in violation of the Unruh Civil Rights Act (Section 51 of the Civil Code) or the Fair Employment and Housing Act (Section 12960 of the Government Code).

CERTIFICATION

I, the official named below, certify under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Proposer/Bidder Firm Name (Printed)	Federal ID Number
GUIDA	33-0668606
By (Authorized Signature)	
	
Printed Name and Title of Person Signing	
Bernie McNally, PLS, Executive Vice President	
Executed in the County of	Executed in the State of
Orange	CA
Date Executed	
03/20/2025	

Not Applicable to Twining

STATE OF CALIFORNIA

CALIFORNIA CIVIL RIGHTS LAWS ATTACHMENT

DGS OLS 04 (Rev. 01/17)

DEPARTMENT OF GENERAL SERVICES

OFFICE OF LEGAL SERVICES

Pursuant to Public Contract Code section 2010, a person that submits a bid or proposal to, or otherwise proposes to enter into or renew a contract with, a state agency with respect to any contract in the amount of \$100,000 or above shall certify, under penalty of perjury, at the time the bid or proposal is submitted or the contract is renewed, all of the following:

1. CALIFORNIA CIVIL RIGHTS LAWS: For contracts executed or renewed after January 1, 2017, the contractor certifies compliance with the Unruh Civil Rights Act (Section 51 of the Civil Code) and the Fair Employment and Housing Act (Section 12960 of the Government Code); and
2. EMPLOYER DISCRIMINATORY POLICIES: For contracts executed or renewed after January 1, 2017, if a Contractor has an internal policy against a sovereign nation or peoples recognized by the United States government, the Contractor certifies that such policies are not used in violation of the Unruh Civil Rights Act (Section 51 of the Civil Code) or the Fair Employment and Housing Act (Section 12960 of the Government Code).

CERTIFICATION

I, the official named below, certify under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Proposer/Bidder Firm Name (Printed)	Federal ID Number
-------------------------------------	-------------------

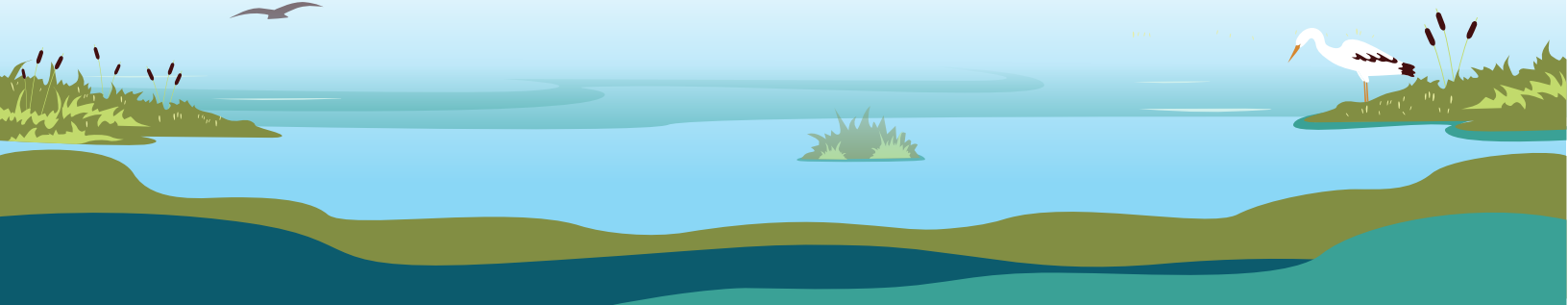
By (Authorized Signature)

Printed Name and Title of Person Signing

Executed in the County of	Executed in the State of
---------------------------	--------------------------

Date Executed

Darfur Contracting Act Certification



DARFUR CONTRACTING ACT CERTIFICATION

DGS PD 1 (Rev. 12/19)


Public Contract Code Sections 10475 -10481 applies to any company that currently or within the previous three years has had business activities or other operations outside of the United States. For such a company to bid on or submit a proposal for a State of California contract, the company must certify that it is either a) not a scrutinized company; or b) a scrutinized company that has been granted permission by the Department of General Services to submit a proposal.

If your company has not, within the previous three years, had any business activities or other operations outside of the United States, you do **not** need to complete this form.

OPTION #1 - CERTIFICATION

If your company, within the previous three years, has had business activities or other operations outside of the United States, in order to be eligible to submit a bid or proposal, please insert your company name and Federal ID Number and complete the certification below.

I, the official named below, CERTIFY UNDER PENALTY OF PERJURY that a) the prospective proposer/bidder named below is **not** a scrutinized company per Public Contract Code 10476; and b) I am duly authorized to legally bind the prospective proposer/bidder named below. This certification is made under the laws of the State of California.

<i>Company/Vendor Name (Printed)</i> SYRUSA Engineering, Inc.	<i>Federal ID Number</i> 271663172
<i>By (Authorized Signature)</i> 	<i>Date</i> 3/19/25
<i>Printed Name and Title of Person Signing</i> Mary Zahlout - President	

OPTION #2 – WRITTEN PERMISSION FROM DGS

Pursuant to Public Contract Code Section 10477(b), the Director of the Department of General Services may permit a scrutinized company, on a case-by-case basis, to bid on or submit a proposal for a contract with a state agency for goods or services, if it is in the best interests of the state. If you are a scrutinized company that has obtained written permission from the DGS to submit a bid or proposal, complete the information below.

We are a scrutinized company as defined in Public Contract Code section 10476, but we have received written permission from the Department of General Services to submit a bid or proposal pursuant to Public Contract Code section 10477(b). A copy of the written permission from DGS is included with our bid or proposal.

<i>Company/Vendor Name (Printed)</i>	<i>Federal ID Number</i>
<i>By (Authorized Signature)</i>	<i>Date</i>
<i>Printed Name and Title of Person Signing</i>	

DARFUR CONTRACTING ACT CERTIFICATION

DGS PD 1 (Rev. 12/19)

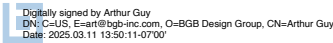
Public Contract Code Sections 10475 -10481 applies to any company that currently or within the previous three years has had business activities or other operations outside of the United States. For such a company to bid on or submit a proposal for a State of California contract, the company must certify that it is either a) not a scrutinized company; or b) a scrutinized company that has been granted permission by the Department of General Services to submit a proposal.

If your company has not, within the previous three years, had any business activities or other operations outside of the United States, you do **not** need to complete this form.

OPTION #1 - CERTIFICATION

If your company, within the previous three years, has had business activities or other operations outside of the United States, in order to be eligible to submit a bid or proposal, please insert your company name and Federal ID Number and complete the certification below.

I, the official named below, CERTIFY UNDER PENALTY OF PERJURY that a) the prospective proposer/bidder named below is **not** a scrutinized company per Public Contract Code 10476; and b) I am duly authorized to legally bind the prospective proposer/bidder named below. This certification is made under the laws of the State of California.

<i>Company/Vendor Name (Printed)</i> BGB Design Group	<i>Federal ID Number</i> 33-0783905
<i>By (Authorized Signature)</i> Arthur Guy 	<i>Date</i> 3/11/25
<i>Printed Name and Title of Person Signing</i> Arthur Guy, President	

OPTION #2 – WRITTEN PERMISSION FROM DGS

Pursuant to Public Contract Code Section 10477(b), the Director of the Department of General Services may permit a scrutinized company, on a case-by-case basis, to bid on or submit a proposal for a contract with a state agency for goods or services, if it is in the best interests of the state. If you are a scrutinized company that has obtained written permission from the DGS to submit a bid or proposal, complete the information below.

We are a scrutinized company as defined in Public Contract Code section 10476, but we have received written permission from the Department of General Services to submit a bid or proposal pursuant to Public Contract Code section 10477(b). A copy of the written permission from DGS is included with our bid or proposal.

<i>Company/Vendor Name (Printed)</i>	<i>Federal ID Number</i>
<i>By (Authorized Signature)</i>	<i>Date</i>
<i>Printed Name and Title of Person Signing</i>	

Not Applicable to VCS

Public Contract Code Sections 10475 -10481 applies to any company that currently or within the previous three years has had business activities or other operations outside of the United States. For such a company to bid on or submit a proposal for a State of California contract, the company must certify that it is either a) not a scrutinized company; or b) a scrutinized company that has been granted permission by the Department of General Services to submit a proposal.

If your company has not, within the previous three years, had any business activities or other operations outside of the United States, you do **not** need to complete this form.

OPTION #1 - CERTIFICATION

If your company, within the previous three years, has had business activities or other operations outside of the United States, in order to be eligible to submit a bid or proposal, please insert your company name and Federal ID Number and complete the certification below.

I, the official named below, CERTIFY UNDER PENALTY OF PERJURY that a) the prospective proposer/bidder named below is **not** a scrutinized company per Public Contract Code 10476; and b) I am duly authorized to legally bind the prospective proposer/bidder named below. This certification is made under the laws of the State of California.

<i>Company/Vendor Name (Printed)</i>	<i>Federal ID Number</i>
<i>By (Authorized Signature)</i>	<i>Date</i>
<i>Printed Name and Title of Person Signing</i>	

OPTION #2 – WRITTEN PERMISSION FROM DGS

Pursuant to Public Contract Code Section 10477(b), the Director of the Department of General Services may permit a scrutinized company, on a case-by-case basis, to bid on or submit a proposal for a contract with a state agency for goods or services, if it is in the best interests of the state. If you are a scrutinized company that has obtained written permission from the DGS to submit a bid or proposal, complete the information below.

We are a scrutinized company as defined in Public Contract Code section 10476, but we have received written permission from the Department of General Services to submit a bid or proposal pursuant to Public Contract Code section 10477(b). A copy of the written permission from DGS is included with our bid or proposal.

<i>Company/Vendor Name (Printed)</i>	<i>Federal ID Number</i>
<i>By (Authorized Signature)</i>	<i>Date</i>
<i>Printed Name and Title of Person Signing</i>	

DARFUR CONTRACTING ACT CERTIFICATION

DGS PD 1 (Rev. 12/19)

GUIDA has not conducted business outside of the US within the last 3 years.

Public Contract Code Sections 10475 -10481 applies to any company that currently or within the previous three years has had business activities or other operations outside of the United States. For such a company to bid on or submit a proposal for a State of California contract, the company must certify that it is either a) not a scrutinized company; or b) a scrutinized company that has been granted permission by the Department of General Services to submit a proposal.

If your company has not, within the previous three years, had any business activities or other operations outside of the United States, you do **not** need to complete this form.

OPTION #1 - CERTIFICATION

If your company, within the previous three years, has had business activities or other operations outside of the United States, in order to be eligible to submit a bid or proposal, please insert your company name and Federal ID Number and complete the certification below.

I, the official named below, CERTIFY UNDER PENALTY OF PERJURY that a) the prospective proposer/bidder named below is **not** a scrutinized company per Public Contract Code 10476; and b) I am duly authorized to legally bind the prospective proposer/bidder named below. This certification is made under the laws of the State of California.

<i>Company/Vendor Name (Printed)</i>	<i>Federal ID Number</i>
<i>By (Authorized Signature)</i>	<i>Date</i>
<i>Printed Name and Title of Person Signing</i>	

OPTION #2 – WRITTEN PERMISSION FROM DGS

Pursuant to Public Contract Code Section 10477(b), the Director of the Department of General Services may permit a scrutinized company, on a case-by-case basis, to bid on or submit a proposal for a contract with a state agency for goods or services, if it is in the best interests of the state. If you are a scrutinized company that has obtained written permission from the DGS to submit a bid or proposal, complete the information below.

We are a scrutinized company as defined in Public Contract Code section 10476, but we have received written permission from the Department of General Services to submit a bid or proposal pursuant to Public Contract Code section 10477(b). A copy of the written permission from DGS is included with our bid or proposal.

<i>Company/Vendor Name (Printed)</i>	<i>Federal ID Number</i>
<i>By (Authorized Signature)</i>	<i>Date</i>
<i>Printed Name and Title of Person Signing</i>	

DARFUR CONTRACTING ACT CERTIFICATION

DGS PD 1 (Rev. 12/19)

Not applicable to Twining

Public Contract Code Sections 10475 -10481 applies to any company that currently or within the previous three years has had business activities or other operations outside of the United States. For such a company to bid on or submit a proposal for a State of California contract, the company must certify that it is either a) not a scrutinized company; or b) a scrutinized company that has been granted permission by the Department of General Services to submit a proposal.

If your company has not, within the previous three years, had any business activities or other operations outside of the United States, you do **not** need to complete this form.

OPTION #1 - CERTIFICATION

If your company, within the previous three years, has had business activities or other operations outside of the United States, in order to be eligible to submit a bid or proposal, please insert your company name and Federal ID Number and complete the certification below.

I, the official named below, CERTIFY UNDER PENALTY OF PERJURY that a) the prospective proposer/bidder named below is **not** a scrutinized company per Public Contract Code 10476; and b) I am duly authorized to legally bind the prospective proposer/bidder named below. This certification is made under the laws of the State of California.

<i>Company/Vendor Name (Printed)</i>	<i>Federal ID Number</i>
<i>By (Authorized Signature)</i>	<i>Date</i>
<i>Printed Name and Title of Person Signing</i>	

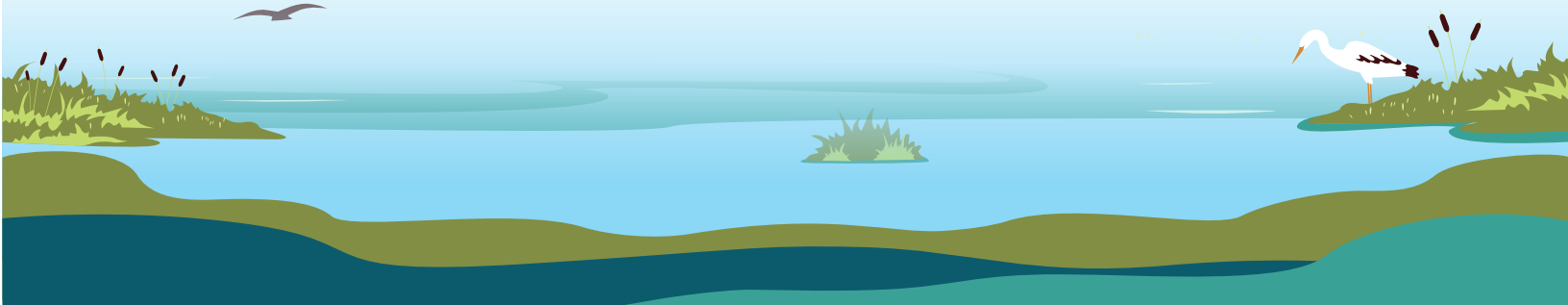
OPTION #2 – WRITTEN PERMISSION FROM DGS

Pursuant to Public Contract Code Section 10477(b), the Director of the Department of General Services may permit a scrutinized company, on a case-by-case basis, to bid on or submit a proposal for a contract with a state agency for goods or services, if it is in the best interests of the state. If you are a scrutinized company that has obtained written permission from the DGS to submit a bid or proposal, complete the information below.

We are a scrutinized company as defined in Public Contract Code section 10476, but we have received written permission from the Department of General Services to submit a bid or proposal pursuant to Public Contract Code section 10477(b). A copy of the written permission from DGS is included with our bid or proposal.

<i>Company/Vendor Name (Printed)</i>	<i>Federal ID Number</i>
<i>By (Authorized Signature)</i>	<i>Date</i>
<i>Printed Name and Title of Person Signing</i>	

Iran Contracting Act Verification Form



Public Contract Code sections 2202-2208

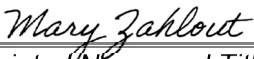
Prior to bidding on, submitting a proposal or executing a contract or renewal for a State of California contract for goods or services of \$1,000,000 or more, a vendor must either: a) certify it is **not** on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to Public Contract Code section 2203(b) and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS; or b) demonstrate it has been exempted from the certification requirement for that solicitation or contract pursuant to Public Contract Code section 2203(c) or (d). The DGS list of entities prohibited from contracting with public entities in California per the Iranian Contracting Act, 2010, can be found at:

[Department of General Services Procurement Division Iran Contracting Act List](https://www.dgs.ca.gov/PD/Resources/Page-Content/Procurement-Division-Resources-List-Folder/List-of-Ineligible-Businesses#@ViewBag.JumpTo)
(<https://www.dgs.ca.gov/PD/Resources/Page-Content/Procurement-Division-Resources-List-Folder/List-of-Ineligible-Businesses#@ViewBag.JumpTo>)

To comply with this requirement, please insert your vendor or financial institution name and Federal ID Number (if available) and complete **one** of the options below. Please note: California law establishes penalties for providing false certifications, including civil penalties equal to the greater of \$250,000 or twice the amount of the contract for which the false certification was made; contract termination; and three-year ineligibility to bid on contracts. (Public Contract Code section 2205.)

OPTION #1 - CERTIFICATION

I, the official named below, certify I am duly authorized to execute this certification on behalf of the vendor/financial institution identified below, and the vendor/financial institution identified below is **not** on the current list of persons engaged in investment activities in Iran created by DGS and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person/vendor, for 45 days or more, if that other person/vendor will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.

<i>Vendor Name/Financial Institution (Printed)</i> SYRUSA Engineering, Inc.	<i>Federal ID Number (or n/a)</i> 271663172
<i>By (Authorized Signature)</i> 	<i>Date</i> 03/19/2025
<i>Printed Name and Title of Person Signing</i> Mary Zahlout - President	

OPTION #2 – EXEMPTION

Pursuant to Public Contract Code sections 2203(c) and (d), a public entity may permit a vendor/financial institution engaged in investment activities in Iran, on a case-by-case basis, to be eligible for, or to bid on, submit a proposal for, or enters into or renews, a contract for goods and services.

If you have obtained an exemption from the certification requirement under the Iran Contracting Act, please fill out the information below, and attach documentation demonstrating the exemption approval.

<i>Vendor Name/Financial Institution (Printed)</i>	<i>Federal ID Number (or n/a)</i>
<i>By (Authorized Signature)</i>	<i>Date</i>
<i>Printed Name and Title of Person Signing</i>	

Public Contract Code sections 2202-2208

Prior to bidding on, submitting a proposal or executing a contract or renewal for a State of California contract for goods or services of \$1,000,000 or more, a vendor must either: a) certify it is **not** on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to Public Contract Code section 2203(b) and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS; or b) demonstrate it has been exempted from the certification requirement for that solicitation or contract pursuant to Public Contract Code section 2203(c) or (d). The DGS list of entities prohibited from contracting with public entities in California per the Iranian Contracting Act, 2010, can be found at:

[Department of General Services Procurement Division Iran Contracting Act List](https://www.dgs.ca.gov/PD/Resources/Page-Content/Procurement-Division-Resources-List-Folder/List-of-Ineligible-Businesses#@ViewBag.JumpTo)
(<https://www.dgs.ca.gov/PD/Resources/Page-Content/Procurement-Division-Resources-List-Folder/List-of-Ineligible-Businesses#@ViewBag.JumpTo>)

To comply with this requirement, please insert your vendor or financial institution name and Federal ID Number (if available) and complete **one** of the options below. Please note: California law establishes penalties for providing false certifications, including civil penalties equal to the greater of \$250,000 or twice the amount of the contract for which the false certification was made; contract termination; and three-year ineligibility to bid on contracts. (Public Contract Code section 2205.)

OPTION #1 - CERTIFICATION

I, the official named below, certify I am duly authorized to execute this certification on behalf of the vendor/financial institution identified below, and the vendor/financial institution identified below is **not** on the current list of persons engaged in investment activities in Iran created by DGS and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person/vendor, for 45 days or more, if that other person/vendor will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.

<i>Vendor Name/Financial Institution (Printed)</i> BGB Design Group	<i>Federal ID Number (or n/a)</i> 33-0783905
<i>By (Authorized Signature)</i> Arthur Guy <small>Digitally signed by Arthur Guy DN: C=US, E=art@bgb-inc.com, O=BGB Design Group, CN=Arthur Guy Date: 2025.03.11 13:56:23-07'00'</small>	<i>Date</i> 03/11/2025
<i>Printed Name and Title of Person Signing</i> Arthur Guy, President	

OPTION #2 – EXEMPTION

Pursuant to Public Contract Code sections 2203(c) and (d), a public entity may permit a vendor/financial institution engaged in investment activities in Iran, on a case-by-case basis, to be eligible for, or to bid on, submit a proposal for, or enters into or renews, a contract for goods and services.

If you have obtained an exemption from the certification requirement under the Iran Contracting Act, please fill out the information below, and attach documentation demonstrating the exemption approval.

<i>Vendor Name/Financial Institution (Printed)</i>	<i>Federal ID Number (or n/a)</i>
<i>By (Authorized Signature)</i>	<i>Date</i>
<i>Printed Name and Title of Person Signing</i>	

Not Applicable to VCS

Public Contract Code sections 2202-2208

Prior to bidding on, submitting a proposal or executing a contract or renewal for a State of California contract for goods or services of \$1,000,000 or more, a vendor must either: a) certify it is **not** on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to Public Contract Code section 2203(b) and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS; or b) demonstrate it has been exempted from the certification requirement for that solicitation or contract pursuant to Public Contract Code section 2203(c) or (d). The DGS list of entities prohibited from contracting with public entities in California per the Iranian Contracting Act, 2010, can be found at:

[Department of General Services Procurement Division Iran Contracting Act List](https://www.dgs.ca.gov/PD/Resources/Page-Content/Procurement-Division-Resources-List-Folder/List-of-Ineligible-Businesses#@ViewBag.JumpTo)
(<https://www.dgs.ca.gov/PD/Resources/Page-Content/Procurement-Division-Resources-List-Folder/List-of-Ineligible-Businesses#@ViewBag.JumpTo>)

To comply with this requirement, please insert your vendor or financial institution name and Federal ID Number (if available) and complete **one** of the options below. Please note: California law establishes penalties for providing false certifications, including civil penalties equal to the greater of \$250,000 or twice the amount of the contract for which the false certification was made; contract termination; and three-year ineligibility to bid on contracts. (Public Contract Code section 2205.)

OPTION #1 - CERTIFICATION

I, the official named below, certify I am duly authorized to execute this certification on behalf of the vendor/financial institution identified below, and the vendor/financial institution identified below is **not** on the current list of persons engaged in investment activities in Iran created by DGS and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person/vendor, for 45 days or more, if that other person/vendor will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.

<i>Vendor Name/Financial Institution (Printed)</i>	<i>Federal ID Number (or n/a)</i>
<i>By (Authorized Signature)</i>	<i>Date</i>
<i>Printed Name and Title of Person Signing</i>	

OPTION #2 – EXEMPTION

Pursuant to Public Contract Code sections 2203(c) and (d), a public entity may permit a vendor/financial institution engaged in investment activities in Iran, on a case-by-case basis, to be eligible for, or to bid on, submit a proposal for, or enters into or renews, a contract for goods and services.

If you have obtained an exemption from the certification requirement under the Iran Contracting Act, please fill out the information below, and attach documentation demonstrating the exemption approval.

<i>Vendor Name/Financial Institution (Printed)</i>	<i>Federal ID Number (or n/a)</i>
<i>By (Authorized Signature)</i>	<i>Date</i>
<i>Printed Name and Title of Person Signing</i>	

Public Contract Code sections 2202-2208

Prior to bidding on, submitting a proposal or executing a contract or renewal for a State of California contract for goods or services of \$1,000,000 or more, a vendor must either: a) certify it is **not** on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to Public Contract Code section 2203(b) and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS; or b) demonstrate it has been exempted from the certification requirement for that solicitation or contract pursuant to Public Contract Code section 2203(c) or (d). The DGS list of entities prohibited from contracting with public entities in California per the Iranian Contracting Act, 2010, can be found at:

[Department of General Services Procurement Division Iran Contracting Act List](https://www.dgs.ca.gov/PD/Resources/Page-Content/Procurement-Division-Resources-List-Folder/List-of-Ineligible-Businesses#@ViewBag.JumpTo)
(<https://www.dgs.ca.gov/PD/Resources/Page-Content/Procurement-Division-Resources-List-Folder/List-of-Ineligible-Businesses#@ViewBag.JumpTo>)

To comply with this requirement, please insert your vendor or financial institution name and Federal ID Number (if available) and complete **one** of the options below. Please note: California law establishes penalties for providing false certifications, including civil penalties equal to the greater of \$250,000 or twice the amount of the contract for which the false certification was made; contract termination; and three-year ineligibility to bid on contracts. (Public Contract Code section 2205.)

OPTION #1 - CERTIFICATION

I, the official named below, certify I am duly authorized to execute this certification on behalf of the vendor/financial institution identified below, and the vendor/financial institution identified below is **not** on the current list of persons engaged in investment activities in Iran created by DGS and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person/vendor, for 45 days or more, if that other person/vendor will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.

<i>Vendor Name/Financial Institution (Printed)</i> GUIDA	<i>Federal ID Number (or n/a)</i> 33--0668606
<i>By (Authorized Signature)</i> Bernie McNally Digitally signed by Bernie McNally Date: 2025.03.20 14:36:15 -07'00'	<i>Date</i> 03/20/2025
<i>Printed Name and Title of Person Signing</i> Bernie McNally, PLS, Executive Vice President	

OPTION #2 – EXEMPTION

Pursuant to Public Contract Code sections 2203(c) and (d), a public entity may permit a vendor/financial institution engaged in investment activities in Iran, on a case-by-case basis, to be eligible for, or to bid on, submit a proposal for, or enters into or renews, a contract for goods and services.

If you have obtained an exemption from the certification requirement under the Iran Contracting Act, please fill out the information below, and attach documentation demonstrating the exemption approval.

<i>Vendor Name/Financial Institution (Printed)</i>	<i>Federal ID Number (or n/a)</i>
<i>By (Authorized Signature)</i>	<i>Date</i>
<i>Printed Name and Title of Person Signing</i>	

Not applicable to Twining

Public Contract Code sections 2202-2208

Prior to bidding on, submitting a proposal or executing a contract or renewal for a State of California contract for goods or services of \$1,000,000 or more, a vendor must either: a) certify it is **not** on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to Public Contract Code section 2203(b) and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS; or b) demonstrate it has been exempted from the certification requirement for that solicitation or contract pursuant to Public Contract Code section 2203(c) or (d). The DGS list of entities prohibited from contracting with public entities in California per the Iranian

Contracting Act, 2010, can be found at:

[Department of General Services Procurement Division Iran Contracting Act List](https://www.dgs.ca.gov/PD/Resources/Page-Content/Procurement-Division-Resources-List-Folder/List-of-Ineligible-Businesses#@ViewBag.JumpTo)

(<https://www.dgs.ca.gov/PD/Resources/Page-Content/Procurement-Division-Resources-List-Folder/List-of-Ineligible-Businesses#@ViewBag.JumpTo>)

To comply with this requirement, please insert your vendor or financial institution name and Federal ID Number (if available) and complete **one** of the options below. Please note: California law establishes penalties for providing false certifications, including civil penalties equal to the greater of \$250,000 or twice the amount of the contract for which the false certification was made; contract termination; and three-year ineligibility to bid on contracts. (Public Contract Code section 2205.)

OPTION #1 - CERTIFICATION

I, the official named below, certify I am duly authorized to execute this certification on behalf of the vendor/financial institution identified below, and the vendor/financial institution identified below is **not** on the current list of persons engaged in investment activities in Iran created by DGS and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person/vendor, for 45 days or more, if that other person/vendor will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.

<i>Vendor Name/Financial Institution (Printed)</i>	<i>Federal ID Number (or n/a)</i>
<i>By (Authorized Signature)</i>	<i>Date</i>
<i>Printed Name and Title of Person Signing</i>	

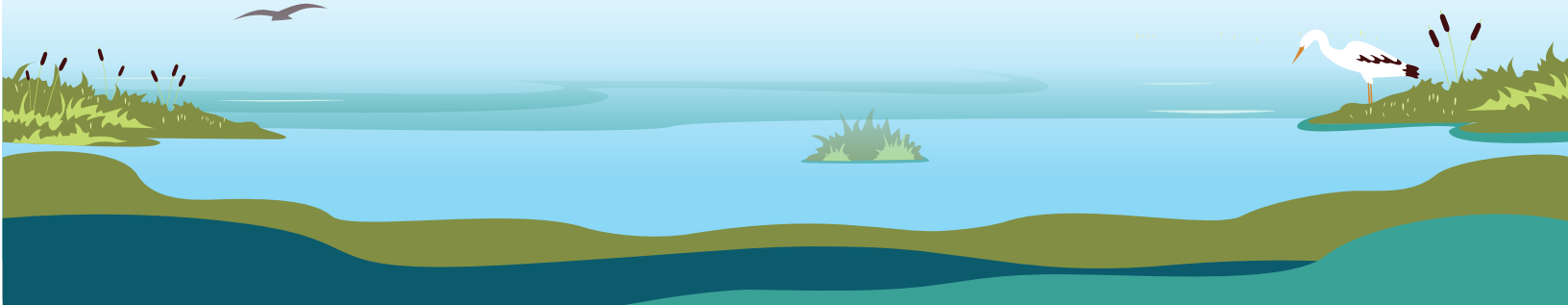
OPTION #2 – EXEMPTION

Pursuant to Public Contract Code sections 2203(c) and (d), a public entity may permit a vendor/financial institution engaged in investment activities in Iran, on a case-by-case basis, to be eligible for, or to bid on, submit a proposal for, or enters into or renews, a contract for goods and services.

If you have obtained an exemption from the certification requirement under the Iran Contracting Act, please fill out the information below, and attach documentation demonstrating the exemption approval.

<i>Vendor Name/Financial Institution (Printed)</i>	<i>Federal ID Number (or n/a)</i>
<i>By (Authorized Signature)</i>	<i>Date</i>
<i>Printed Name and Title of Person Signing</i>	

Bidder's Declaration Form



BIDDER DECLARATION

1. Prime bidder information (Review attached Bidder Declaration Instructions prior to completion of this form):

- a. Identify current California certification(s) (MB, SB, NVSA, DVBE): SB (Micro) or None ☐ (If "None," go to Item #2)
- b. Will subcontractors be used for this contract? Yes ☒ No ☐ (If yes, indicate the distinct element of work your firm will perform in this contract e.g., list the proposed products produced by your firm, state if your firm owns the transportation vehicles that will deliver the products to the State, identify which solicited services your firm will perform, etc.). Use additional sheets, as necessary.

Construction and Project Management and Inspection Services

- c. If you are a California certified DVBE: (1) Are you a broker or agent? Yes ☐ No ☒
(2) If the contract includes equipment rental, does your company own at least 51% of the equipment provided in this contract (quantity and value)? Yes ☐ No ☒ N/A ☐

2. If no subcontractors will be used, skip to certification below. Otherwise, list all subcontractors for this contract. (Attach additional pages if necessary):

Subcontractor Name, Contact Person, Phone Number & Fax Number	Subcontractor Address & Email Address	CA Certification (MB, SB, NVSA, DVBE or None)	Work performed or goods provided for this contract	Corresponding % of bid price	Good Standing?	51% Rental?
BGB Design Group Arthur Guy, President 714.545.2898 P 714.545.7898 F	3185 Airway Ave. C1 Costa Mesa, CA 92626 art@bdb-inc.com	SB (Micro) DBE	Landscape Architectural Construction Management	5%	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vandermost Consulting Services, Inc. dba VCS Environmental Julie Beeman, President	30900 Rancho Viejo Rd. #100 San Juan Capistrano, CA 92675 jbeeman@vcsenvironmental.com	SBE, DBE, WBE	Environmental Services for Construction Management	5%	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Guida Bernie McNally, PLS 949-777-2041 O 909-322-6682 C	220 Commerce, Suite 150 Irvine, CA 92602 bmcinally@guidainc.com	SBE	Surveying	4%	<input checked="" type="checkbox"/>	<input type="checkbox"/>

CERTIFICATION: By signing the bid response, I certify under penalty of perjury that the information provided is true and correct.

BIDDER DECLARATION

1. Prime bidder information (Review attached Bidder Declaration Instructions prior to completion of this form):

- a. Identify current California certification(s) (MB, SB, NVSA, DVBE): SB (Micro or None ☐ (If "None," go to Item #2)
- b. Will subcontractors be used for this contract? Yes ☒ No ☐ (If yes, indicate the distinct element of work your firm will perform in this e.g., list the proposed products produced by your firm, state if your firm owns the transportation vehicles that will deliver the products to the State, identify which solicited services your firm will perform, etc.). Use additional sheets, as necessary.

Construction and Project Management and Inspection Services

- c. If you are a California certified DVBE: (1) Are you a broker or agent? Yes ☐ No ☒
(2) If the contract includes equipment rental, does your company own at least 51% of the equipment provided in this contract (quantity and value)? Yes ☐ No ☒ N/A ☐

2. If no subcontractors will be used, skip to certification below. Otherwise, list all subcontractors for this contract. (Attach additional pages if necessary):

Subcontractor Name, Contact Person, Phone Number & Fax Number	Subcontractor Address & Email Address	CA Certification (MB, SB, NVSA, DVBE or None)	Work performed or goods provided for this contract	Corresponding % of bid price	Good Standing?	51% Rental?
Twining, Inc. Edgar Lerista 562-216-4026	3310 Airport Way Long Beach, CA 90806 Elerista@twining.com		Materials Testing	2%	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>

CERTIFICATION: By signing the bid response, I certify under penalty of perjury that the information provided is true and correct.

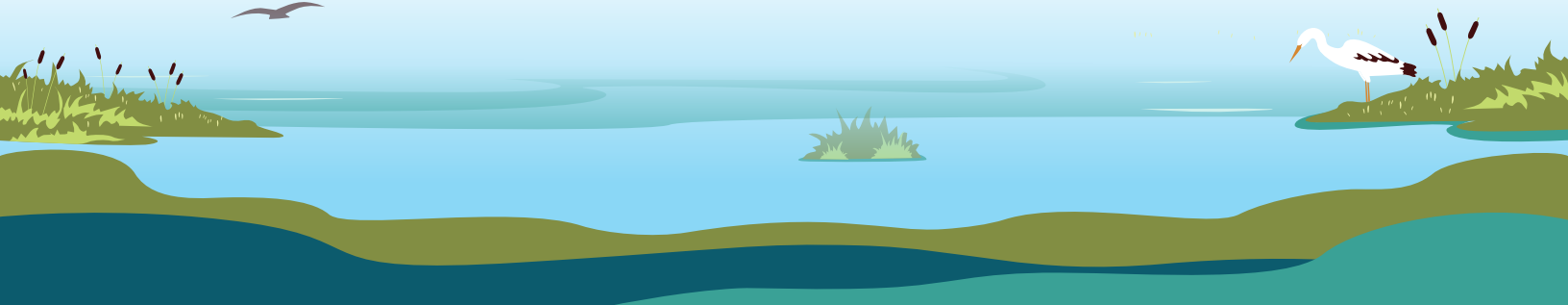
Mary Zahlout - President

Mary Zahlout

3/24/2025

Page 2 of 2

Disabled Veteran Business Enterprise Declarations Form



DISABLED VETERAN BUSINESS ENTERPRISE DECLARATIONS

DGS PD 843 (Rev. 9/2019)

Formerly STD. 843

Not applicable - SYRUSA Engineering is not a DVBE

Instructions: The disabled veteran (DV) owner(s) and DV manager(s) of the Disabled Veteran Business Enterprise (DVBE) must complete this declaration when a DVBE contractor or subcontractor will provide materials, supplies, services or equipment [Military and Veterans Code Section 999.2]. Violations are misdemeanors and punishable by imprisonment or fine and violators are liable for civil penalties. All signatures are made under penalty of perjury.

SECTION 1

Name of certified DVBE: _____ DVBE Ref. Number: _____

Description (materials/supplies/services/equipment proposed): _____

Solicitation/Contract Number: _____ SCPRS Ref. Number: _____

(FOR STATE USE ONLY)

SECTION 2**APPLIES TO ALL DVBEs. Check only one box in Section 2 and provide original signatures.**

- ☐ I (we) declare that the DVBE is not a broker or agent, as defined in Military and Veterans Code Section 999.2 (b), of materials, supplies, services or equipment listed above. Also, complete Section 3 below if renting equipment.
- ☐ Pursuant to Military and Veterans Code Section 999.2 (f), I (we) declare that the DVBE is a broker or agent for the principal(s) listed below or on an attached sheet(s). *(Pursuant to Military and Veterans Code 999.2 (e), State funds expended for equipment rented from equipment brokers pursuant to contracts awarded under this section shall not be credited toward the 3-percent DVBE participation goal.)*

All DV owners and managers of the DVBE (attach additional pages with sufficient signature blocks for each person to sign):

_____	_____	_____
(Printed Name of DV Owner/Manager)	(Signature of DV Owner/ Manager)	(Date Signed)

_____	_____	_____
(Printed Name of DV Owner/Manager)	(Signature of DV Owner/Manager)	(Date Signed)

Firm/Principal for whom the DVBE is acting as a broker or agent: _____

(If more than one firm, list on extra sheets.) (Print or Type Name)

Firm/Principal Phone: _____ Address: _____

SECTION 3**APPLIES TO ALL DVBEs THAT RENT EQUIPMENT AND DECLARE THE DVBE IS NOT A BROKER.**

- ☐ Pursuant to Military and Veterans Code Section 999.2 (c), (d) and (g), I am (we are) the DV(s) with at least 51% ownership of the DVBE, or a DV manager(s) of the DVBE. The DVBE maintains certification requirements in accordance with Military and Veterans Code Section 999 et. seq.
- ☐ The undersigned owner(s) own(s) at least 51% of the quantity and value of each piece of equipment that will be rented for use in the contract identified above. I (we), the DV owners of the equipment, have submitted to the administering agency my (our) personal federal tax return(s) at time of certification and annually thereafter as defined in *Military and Veterans Code 999.2*, subsections (c) and (g). *Failure by the disabled veteran equipment owner(s) to submit their personal federal tax return(s) to the administering agency as defined in Military and Veterans Code 999.2, subsections (c) and (g), will result in the DVBE being deemed an equipment broker.*

Disabled Veteran Owner(s) of the DVBE (attach additional pages with signature blocks for each person to sign):

_____	_____	_____
(Printed Name)	(Signature)	(Date Signed)

_____	_____	_____
(Address of Owner)	(Telephone)	(Tax Identification Number of Owner)

Disabled Veteran Manager(s) of the DVBE (attach additional pages with sufficient signature blocks for each person to sign):

_____	_____	_____
(Printed Name of DV Manager)	(Signature of DV Manager)	(Date Signed)

Page ____ of ____

PRINT**CLEAR**

DISABLED VETERAN BUSINESS ENTERPRISE DECLARATIONS

DGS PD 843 (Rev. 9/2019)

Formerly STD. 843

BGB is not DVBE Certified

Instructions: The disabled veteran (DV) owner(s) and DV manager(s) of the Disabled Veteran Business Enterprise (DVBE) must complete this declaration when a DVBE contractor or subcontractor will provide materials, supplies, services or equipment [Military and Veterans Code Section 999.2]. Violations are misdemeanors and punishable by imprisonment or fine and violators are liable for civil penalties. All signatures are made under penalty of perjury.

SECTION 1

Name of certified DVBE: _____ DVBE Ref. Number: _____

Description (materials/supplies/services/equipment proposed): _____

Solicitation/Contract Number: _____ SCPRS Ref. Number: _____

(FOR STATE USE ONLY)

SECTION 2**APPLIES TO ALL DVBEs. Check only one box in Section 2 and provide original signatures.**

- ☐ I (we) declare that the DVBE is not a broker or agent, as defined in Military and Veterans Code Section 999.2 (b), of materials, supplies, services or equipment listed above. Also, complete Section 3 below if renting equipment.
- ☐ Pursuant to Military and Veterans Code Section 999.2 (f), I (we) declare that the DVBE is a broker or agent for the principal(s) listed below or on an attached sheet(s). *(Pursuant to Military and Veterans Code 999.2 (e), State funds expended for equipment rented from equipment brokers pursuant to contracts awarded under this section shall not be credited toward the 3-percent DVBE participation goal.)*

All DV owners and managers of the DVBE (attach additional pages with sufficient signature blocks for each person to sign):

_____	_____	_____
(Printed Name of DV Owner/Manager)	(Signature of DV Owner/ Manager)	(Date Signed)

_____	_____	_____
(Printed Name of DV Owner/Manager)	(Signature of DV Owner/Manager)	(Date Signed)

Firm/Principal for whom the DVBE is acting as a broker or agent: _____
 (If more than one firm, list on extra sheets.) (Print or Type Name)

Firm/Principal Phone: _____ Address: _____

SECTION 3**APPLIES TO ALL DVBEs THAT RENT EQUIPMENT AND DECLARE THE DVBE IS NOT A BROKER.**

- ☐ Pursuant to Military and Veterans Code Section 999.2 (c), (d) and (g), I am (we are) the DV(s) with at least 51% ownership of the DVBE, or a DV manager(s) of the DVBE. The DVBE maintains certification requirements in accordance with Military and Veterans Code Section 999 et. seq.
- ☐ The undersigned owner(s) own(s) at least 51% of the quantity and value of each piece of equipment that will be rented for use in the contract identified above. I (we), the DV owners of the equipment, have submitted to the administering agency my (our) personal federal tax return(s) at time of certification and annually thereafter as defined in *Military and Veterans Code 999.2*, subsections (c) and (g). *Failure by the disabled veteran equipment owner(s) to submit their personal federal tax return(s) to the administering agency as defined in Military and Veterans Code 999.2, subsections (c) and (g), will result in the DVBE being deemed an equipment broker.*

Disabled Veteran Owner(s) of the DVBE (attach additional pages with signature blocks for each person to sign):

_____	_____	_____
(Printed Name)	(Signature)	(Date Signed)

_____	_____	_____
(Address of Owner)	(Telephone)	(Tax Identification Number of Owner)

Disabled Veteran Manager(s) of the DVBE (attach additional pages with sufficient signature blocks for each person to sign):

_____	_____	_____
(Printed Name of DV Manager)	(Signature of DV Manager)	(Date Signed)

Page ____ of ____

PRINT**CLEAR**

DISABLED VETERAN BUSINESS ENTERPRISE DECLARATIONS

DGS PD 843 (Rev. 9/2019)

Formerly STD. 843

Instructions: The disabled veteran (DV) owner(s) and DV manager(s) of the Disabled Veteran Business Enterprise (DVBE) must complete this declaration when a DVBE contractor or subcontractor will provide materials, supplies, services or equipment [Military and Veterans Code Section 999.2]. Violations are misdemeanors and punishable by imprisonment or fine and violators are liable for civil penalties. All signatures are made under penalty of perjury.

SECTION 1

Name of certified DVBE _____ DVBE Ref. Number: _____

Description (materials/supplies/services/equipment proposed): _____

Solicitation/Contract Number: _____ SCPRS Ref. Number: _____

(FOR STATE USE ONLY)

SECTION 2**APPLIES TO ALL DVBEs. Check only one box in Section 2 and provide original signatures.**

- ☐ I (we) declare that the DVBE is not a broker or agent, as defined in Military and Veterans Code Section 999.2 (b), of materials, supplies, services or equipment listed above. Also, complete Section 3 below if renting equipment.
- ☐ Pursuant to Military and Veterans Code Section 999.2 (f), I (we) declare that the DVBE is a broker or agent for the principal(s) listed below or on an attached sheet(s). (Pursuant to Military and Veterans Code 999.2 (e), State funds expended for equipment rented from equipment brokers pursuant to contracts awarded under this section shall not be credited toward the 3-percent DVBE participation goal.)

All DV owners and managers of the DVBE (attach additional pages with sufficient signature blocks for each person to sign):

(Printed Name of DV Owner/Manager) (Signature of DV Owner/ Manager) (Date Signed)_____
(Printed Name of DV Owner/Manager) (Signature of DV Owner/Manager) (Date Signed)Firm/Principal for whom the DVBE is acting as a broker or agent: _____
(If more than one firm, list on extra sheets.) (Print or Type Name)

Firm/Principal Phone: _____ Address: _____

SECTION 3**APPLIES TO ALL DVBEs THAT RENT EQUIPMENT AND DECLARE THE DVBE IS NOT A BROKER.**

- ☐ Pursuant to Military and Veterans Code Section 999.2 (c), (d) and (g), I am (we are) the DV(s) with at least 51% ownership of the DVBE, or a DV manager(s) of the DVBE. The DVBE maintains certification requirements in accordance with Military and Veterans Code Section 999 et. seq.
- ☐ The undersigned owner(s) own(s) at least 51% of the quantity and value of each piece of equipment that will be rented for use in the contract identified above. I (we), the DV owners of the equipment, have submitted to the administering agency my (our) personal federal tax return(s) at time of certification and annually thereafter as defined in *Military and Veterans Code 999.2, subsections (c) and (g). Failure by the disabled veteran equipment owner(s) to submit their personal federal tax return(s) to the administering agency as defined in Military and Veterans Code 999.2, subsections (c) and (g), will result in the DVBE being deemed an equipment broker.*

Disabled Veteran Owner(s) of the DVBE (attach additional pages with signature blocks for each person to sign):

(Printed Name) (Signature) (Date Signed)_____
(Address of Owner) (Telephone) (Tax Identification Number of Owner)

Disabled Veteran Manager(s) of the DVBE (attach additional pages with sufficient signature blocks for each person to sign):

(Printed Name of DV Manager) (Signature of DV Manager) (Date Signed)

Page ____ of ____

PRINT**CLEAR**

DISABLED VETERAN BUSINESS ENTERPRISE DECLARATIONS

DGS PD 843 (Rev. 9/2019)

Formerly STD. 843

Not Applicable to GUIDA

Instructions: The disabled veteran (DV) owner(s) and DV manager(s) of the Disabled Veteran Business Enterprise (DVBE) must complete this declaration when a DVBE contractor or subcontractor will provide materials, supplies, services or equipment [Military and Veterans Code Section 999.2]. Violations are misdemeanors and punishable by imprisonment or fine and violators are liable for civil penalties. All signatures are made under penalty of perjury.

SECTION 1

Name of certified DVBE: _____ DVBE Ref. Number: _____

Description (materials/supplies/services/equipment proposed): _____

Solicitation/Contract Number: _____ SCPRS Ref. Number: _____

(FOR STATE USE ONLY)

SECTION 2**APPLIES TO ALL DVBEs. Check only one box in Section 2 and provide original signatures.**

- ☐ I (we) declare that the DVBE is not a broker or agent, as defined in Military and Veterans Code Section 999.2 (b), of materials, supplies, services or equipment listed above. Also, complete Section 3 below if renting equipment.
- ☐ Pursuant to Military and Veterans Code Section 999.2 (f), I (we) declare that the DVBE is a broker or agent for the principal(s) listed below or on an attached sheet(s). *(Pursuant to Military and Veterans Code 999.2 (e), State funds expended for equipment rented from equipment brokers pursuant to contracts awarded under this section shall not be credited toward the 3-percent DVBE participation goal.)*

All DV owners and managers of the DVBE (attach additional pages with sufficient signature blocks for each person to sign):

(Printed Name of DV Owner/Manager)_____
(Signature of DV Owner/ Manager)_____
(Date Signed)_____
(Printed Name of DV Owner/Manager)_____
(Signature of DV Owner/Manager)_____
(Date Signed)

Firm/Principal for whom the DVBE is acting as a broker or agent: _____

(If more than one firm, list on extra sheets.)

(Print or Type Name)

Firm/Principal Phone: _____ Address: _____

SECTION 3**APPLIES TO ALL DVBEs THAT RENT EQUIPMENT AND DECLARE THE DVBE IS NOT A BROKER.**

- ☐ Pursuant to Military and Veterans Code Section 999.2 (c), (d) and (g), I am (we are) the DV(s) with at least 51% ownership of the DVBE, or a DV manager(s) of the DVBE. The DVBE maintains certification requirements in accordance with Military and Veterans Code Section 999 et. seq.
- ☐ The undersigned owner(s) own(s) at least 51% of the quantity and value of each piece of equipment that will be rented for use in the contract identified above. I (we), the DV owners of the equipment, have submitted to the administering agency my (our) personal federal tax return(s) at time of certification and annually thereafter as defined in *Military and Veterans Code 999.2, subsections (c) and (g)*. *Failure by the disabled veteran equipment owner(s) to submit their personal federal tax return(s) to the administering agency as defined in Military and Veterans Code 999.2, subsections (c) and (g), will result in the DVBE being deemed an equipment broker.*

Disabled Veteran Owner(s) of the DVBE (attach additional pages with signature blocks for each person to sign):

(Printed Name)_____
(Signature)_____
(Date Signed)_____
(Address of Owner)_____
(Telephone)_____
(Tax Identification Number of Owner)

Disabled Veteran Manager(s) of the DVBE (attach additional pages with sufficient signature blocks for each person to sign):

(Printed Name of DV Manager)_____
(Signature of DV Manager)_____
(Date Signed)

Page ____ of ____

PRINT**CLEAR**

Not applicable to Twining

STATE OF CALIFORNIA – DEPARTMENT OF GENERAL SERVICES PROCUREMENT DIVISION

DISABLED VETERAN BUSINESS ENTERPRISE DECLARATIONS

DGS PD 843 (Rev. 9/2019)

Formerly STD. 843

Instructions: The disabled veteran (DV) owner(s) and DV manager(s) of the Disabled Veteran Business Enterprise (DVBE) must complete this declaration when a DVBE contractor or subcontractor will provide materials, supplies, services or equipment [Military and Veterans Code Section 999.2]. Violations are misdemeanors and punishable by imprisonment or fine and violators are liable for civil penalties. All signatures are made under penalty of perjury.

SECTION 1

Name of certified DVBE: _____ DVBE Ref. Number: _____

Description (materials/supplies/services/equipment proposed): _____

Solicitation/Contract Number: _____ SCPRS Ref. Number: _____
(FOR STATE USE ONLY)

SECTION 2

APPLIES TO ALL DVBEs. Check only one box in Section 2 and provide original signatures.

- ☐ I (we) declare that the DVBE is not a broker or agent, as defined in Military and Veterans Code Section 999.2 (b), of materials, supplies, services or equipment listed above. Also, complete Section 3 below if renting equipment.
- ☐ Pursuant to Military and Veterans Code Section 999.2 (f), I (we) declare that the DVBE is a broker or agent for the principal(s) listed below or on an attached sheet(s). *(Pursuant to Military and Veterans Code 999.2 (e), State funds expended for equipment rented from equipment brokers pursuant to contracts awarded under this section shall not be credited toward the 3-percent DVBE participation goal.)*

All DV owners and managers of the DVBE (attach additional pages with sufficient signature blocks for each person to sign):

(Printed Name of DV Owner/Manager) (Signature of DV Owner/ Manager) (Date Signed)

(Printed Name of DV Owner/Manager) (Signature of DV Owner/Manager) (Date Signed)

Firm/Principal for whom the DVBE is acting as a broker or agent: _____
(If more than one firm, list on extra sheets.) (Print or Type Name)

Firm/Principal Phone: _____ Address: _____

SECTION 3

APPLIES TO ALL DVBEs THAT RENT EQUIPMENT AND DECLARE THE DVBE IS NOT A BROKER.

- ☐ Pursuant to Military and Veterans Code Section 999.2 (c), (d) and (g), I am (we are) the DV(s) with at least 51% ownership of the DVBE, or a DV manager(s) of the DVBE. The DVBE maintains certification requirements in accordance with Military and Veterans Code Section 999 et. seq.
- ☐ The undersigned owner(s) own(s) at least 51% of the quantity and value of each piece of equipment that will be rented for use in the contract identified above. I (we), the DV owners of the equipment, have submitted to the administering agency my (our) personal federal tax return(s) at time of certification and annually thereafter as defined in *Military and Veterans Code 999.2, subsections (c) and (g)*. *Failure by the disabled veteran equipment owner(s) to submit their personal federal tax return(s) to the administering agency as defined in Military and Veterans Code 999.2, subsections (c) and (g), will result in the DVBE being deemed an equipment broker.*

Disabled Veteran Owner(s) of the DVBE (attach additional pages with signature blocks for each person to sign):

(Printed Name) (Signature) (Date Signed)

(Address of Owner) (Telephone) (Tax Identification Number of Owner)

Disabled Veteran Manager(s) of the DVBE (attach additional pages with sufficient signature blocks for each person to sign):

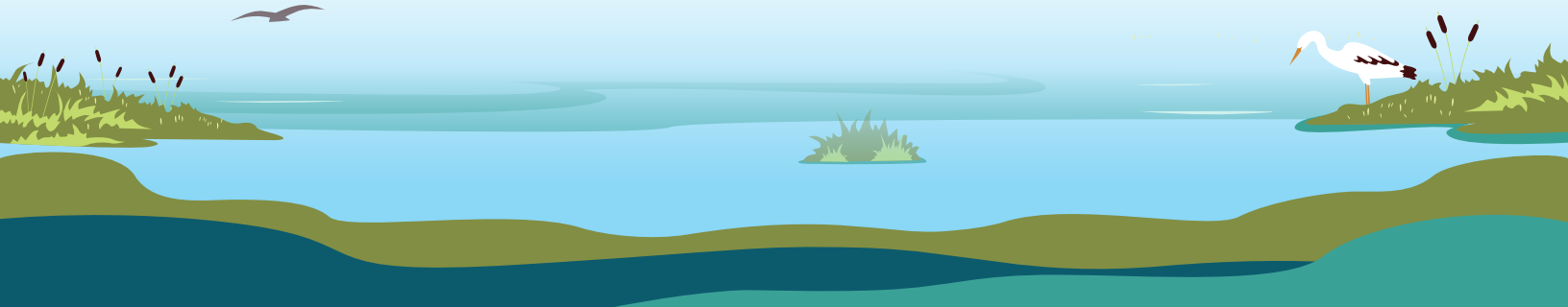
(Printed Name of DV Manager) (Signature of DV Manager) (Date Signed)

Page ____ of ____

PRINT

CLEAR

GenAI Reporting and Factsheet



Generative Artificial Intelligence (GenAI) Reporting and Factsheet

Section 1: Bidder / Offeror / Contractor Information

CM SERVICES FOR THE SOUTHERN LOS CERRITOS WETLANDS

Solicitation / Contract Number

SYRUSA Engineering, Inc.

Bidder ID / Vendor ID (optional)

Business Name

255 W. Central Ave, Suite 204

Business Telephone Number

Brea CA 92821

Business Address

City

State

Zip Code

Contract / Description of Purchase

N/A

Section 2: Reporting and Factsheet

Will you and/or your subcontractor(s) be using or offering GenAI technology, model, service, or system (collectively, "product")? ☐ Yes ☒ No (If no, skip to Signature section of this form.) TRC will not be using GenAI in the services provided.

If yes, provide details regarding the GenAI system. See *GenAI Reporting and Factsheet Instructions* at the end of this form for more information.

Failure to provide information requested on this form may result in disqualification or may void any resulting contract.

1. GenAI Model Name

N/A

**LLM Version
(Including number of
parameters)**

**All Model Names/
Owners for The
Solution or Offering**

2. Applications / Product Owner (GenAI powered or driven)	
3. Product Description	
4. Use Case(s)	
5. Intended Information Domain	
6. Explain how the GenAI system is not adversely affecting decisions that materially impact access to, or approval for, housing or accommodations, education, employment, credit, health care, and criminal justice.	

Signature

By signing this document, I have identified and reported any GenAI use in the performance of this contract. If any new or previously unreported GenAI use is identified in the future in the performance of this contract, we will complete and submit to the State an updated STD 1000.

Mary Zahlout
Signature Mary Zahlout, President

03/24/2025
Date

Submit completed form to the awarding department.

Generative Artificial Intelligence (GenAI) Reporting and Factsheet

Section 1: Bidder / Offeror / Contractor Information

CM Services for the Southern Los Cerritos Wetlands Restoration Project

Solicitation / Contract Number	Bidder ID / Vendor ID (optional)		
BGB Design Group	(714) 545-2898		
Business Name	Business Telephone Number		
3185-C1 Airway Ave.	Costa Mesa	CA	92626
Business Address	City	State	Zip Code

Contract / Description of Purchase

Landscape, Irrigation and Construction Support.

Section 2: Reporting and Factsheet

Will you and/or your subcontractor(s) be using or offering GenAI technology, model, service, or system (collectively, “product”)? ☐ Yes ☒ No (If no, skip to Signature section of this form.)

If yes, provide details regarding the GenAI system. See *GenAI Reporting and Factsheet Instructions* at the end of this form for more information.

Failure to provide information requested on this form may result in disqualification or may void any resulting contract.

<div>1. GenAI Model Name</div> <div>LLM Version</div> <div>(Including number of parameters)</div> <div>All Model Names/</div> <div>Owners for The</div> <div>Solution or Offering</div>	
---	--

2. Applications / Product Owner (GenAI powered or driven)	
3. Product Description	
4. Use Case(s)	
5. Intended Information Domain	
6. Explain how the GenAI system is not adversely affecting decisions that materially impact access to, or approval for, housing or accommodations, education, employment, credit, health care, and criminal justice.	

Signature

By signing this document, I have identified and reported any GenAI use in the performance of this contract. If any new or previously unreported GenAI use is identified in the future in the performance of this contract, we will complete and submit to the State an updated STD 1000.

Arthur Guy

Digitally signed by Arthur Guy
DN: C=US, E=art@bgb-inc.com, O=BGB Design Group,
CN=Arthur Guy
Date: 2025.03.25 13:55:51-07'00'

3/25/25

Signature

Date

Submit completed form to the awarding department.

Generative Artificial Intelligence (GenAI) Reporting and Factsheet

Section 1: Bidder / Offeror / Contractor Information

Solicitation / Contract Number	Bidder ID / Vendor ID (optional)		
Vandermost Consulting Services, Inc., dba VCS Environmental			
Business Name	Business Telephone Number		
30900 Rancho Viejo Road, Suite 100	San Juan Capi	CA	92675
Business Address	City	State	Zip Code

Contract / Description of Purchase

Environmental Services Construction Management Services for the Southern Los Cerritos Wetlands Restoration Project.

Section 2: Reporting and Factsheet

Will you and/or your subcontractor(s) be using or offering GenAI technology, model, service, or system (collectively, "product")? ☒ **Yes** ☐ **No** (If no, skip to Signature section of this form.)

If yes, provide details regarding the GenAI system. See *GenAI Reporting and Factsheet Instructions* at the end of this form for more information.

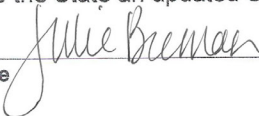
Failure to provide information requested on this form may result in disqualification or may void any resulting contract.

1. GenAI Model Name	1) Claude 3.7 Sonnet by Anthropic (proprietary large language model with billions of parameters) 2) ChatGPT-4 by OpenAI (proprietary large language model with billions of parameters)
LLM Version (Including number of parameters)	
All Model Names/ Owners for The Solution or Offering	

2. Applications / Product Owner (GenAI powered or driven)	1) Anthropic (via Claude web interface) 2) OpenAI (via ChatGPT web interface)
3. Product Description	Claude and ChatGPT are advanced large language models used for document review, editing, and content refinement. They assist with text clarity, consistency, formatting, and summarization in environmental project documentation. AI-generated outputs are reviewed by human experts before finalization to ensure accuracy and compliance.
4. Use Case(s)	1) Technical document review and editing for environmental project documentation. 2) Quality assurance for written deliverables to ensure clarity and accuracy. 3) Content refinement to improve readability and technical precision. 4) Consistency verification across technical documentation.
5. Intended Information Domain	1) Environmental services technical documentation (non-confidential). 2) Construction management documents for wetlands restoration projects. 3) Technical specifications and reports related to environmental restoration. 4) Project communications and status documentation. 5) Standard operating procedures and process documentation.
6. Explain how the GenAI system is not adversely affecting decisions that materially impact access to, or approval for, housing or accommodations, education, employment, credit, health care, and criminal justice. 1) The AI systems are used solely for technical document editing, review, and formatting, not for decision-making. 2) All AI-assisted edits are subject to human oversight before finalization. 3) No personally identifiable information (PII) or sensitive data related to housing, education, employment, credit, healthcare, or criminal justice is processed. 4) The implementation follows California's AI governance policies, ensuring compliance with Executive Order N-12-23 and the State of California GenAI Guidelines for Public Sector Procurement, Uses, and Training.	

Signature

By signing this document, I have identified and reported any GenAI use in the performance of this contract. If any new or previously unreported GenAI use is identified in the future in the performance of this contract, we will complete and submit to the State an updated STD 1000.

Signature 

3/14/2025

Date

Submit completed form to the awarding department.

Generative Artificial Intelligence (GenAI) Reporting and Factsheet

Section 1: Bidder / Offeror / Contractor Information

RFP for CM services for the Southern Los Cerritos Wetlands Restoration N/A

Solicitation / Contract Number	Bidder ID / Vendor ID (optional)		
GUIDA	949.777.2000		
Business Name	Business Telephone Number		
220 Commerce, Suite 150	Irvine	CA	92602
Business Address	City	State	Zip Code

Contract / Description of Purchase
N/A

Section 2: Reporting and Factsheet

Will you and/or your subcontractor(s) be using or offering GenAI technology, model, service, or system (collectively, "product")? ☐ Yes ☒ No (If no, skip to Signature section of this form.)

If yes, provide details regarding the GenAI system. See *GenAI Reporting and Factsheet Instructions* at the end of this form for more information.


Failure to provide information requested on this form may result in disqualification or may void any resulting contract.

1. GenAI Model Name	N/A
LLM Version (Including number of parameters)	
All Model Names/ Owners for The Solution or Offering	

2. Applications / Product Owner (GenAI powered or driven)	N/A
3. Product Description	N/A
4. Use Case(s)	N/A
5. Intended Information Domain	N/A
6. Explain how the GenAI system is not adversely affecting decisions that materially impact access to, or approval for, housing or accommodations, education, employment, credit, health care, and criminal justice. N/A	

Signature

By signing this document, I have identified and reported any GenAI use in the performance of this contract. If any new or previously unreported GenAI use is identified in the future in the performance of this contract, we will complete and submit to the State an updated STD 1000.

Bernie McNally  Digitally signed by Bernie McNally
Date: 2025.03.20 14:07:23 -07'00' 03/20/2025

Signature Date

Submit completed form to the awarding department.

Generative Artificial Intelligence (GenAI) Reporting and Factsheet

Section 1: Bidder / Offeror / Contractor Information

Solicitation / Contract Number

Bidder ID / Vendor ID (optional)

Business Name

Business Telephone Number

Business Address

City

State

Zip Code

Contract / Description of Purchase

Section 2: Reporting and Factsheet

Will you and/or your subcontractor(s) be using or offering GenAI technology, model, service, or system (collectively, "product")? ☐ Yes ☒ No (If no, skip to Signature section of this form.)

If yes, provide details regarding the GenAI system. See *GenAI Reporting and Factsheet Instructions* at the end of this form for more information.

Failure to provide information requested on this form may result in disqualification or may void any resulting contract.

1. GenAI Model Name

**LLM Version
(Including number of
parameters)**

**All Model Names/
Owners for The
Solution or Offering**

2. Applications / Product Owner (GenAI powered or driven)	
3. Product Description	
4. Use Case(s)	
5. Intended Information Domain	
6. Explain how the GenAI system is not adversely affecting decisions that materially impact access to, or approval for, housing or accommodations, education, employment, credit, health care, and criminal justice.	

Signature

By signing this document, I have identified and reported any GenAI use in the performance of this contract. If any new or previously unreported GenAI use is identified in the future in the performance of this contract, we will complete and submit to the State an updated STD 1000.

Edger Lerista

03/25/2025

Signature

Date

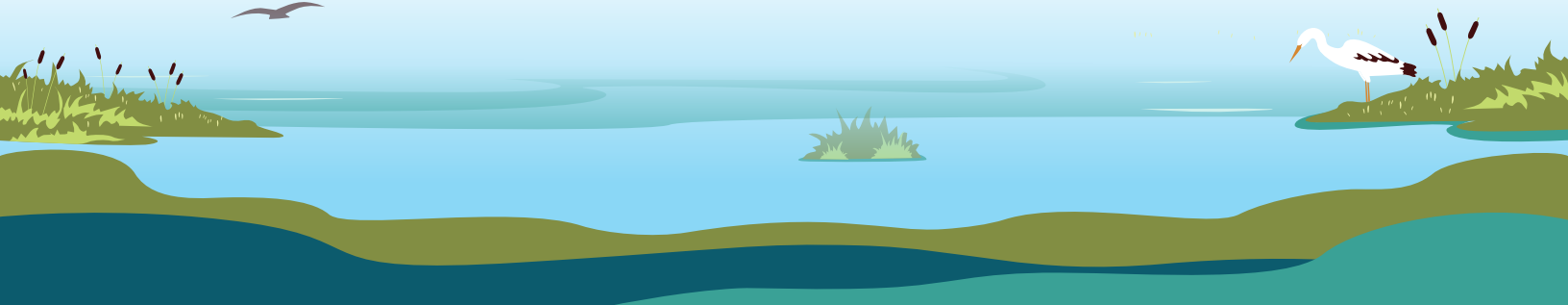
Submit completed form to the awarding department.

10

Appendix: Additional Personnel Resumes



Additional Personnel: SYRUSA Engineering





EDUCATION

- Master of Science, Civil Engineering, California State University, Fullerton
- Bachelor of Science, Civil Engineering, Tishreen University, Lattakia, Syria

CERTIFICATIONS/LICENSES

- CA, Professional Engineer (Civil), No. 60920
- CA, QSD/QSP No. 21767

Faisal has 36 years of civil engineering experience in structure construction, design, construction management, and inspection of heavy civil projects. His work history includes 12 years with Caltrans Districts 8 and 9 as Senior Bridge Engineer and as Senior Bridge Engineer Specialist serving Riverside, San Bernardino, and Bishop Counties. In these roles, he provided training and guidance for the Office of Structure Construction as well as conducted record and constructability reviews for all structures on projects. He coordinated and participated in value analysis studies for structure-related aspects and served as Contact Structure Engineer for encroachment permits in Districts 8 and 9.

Faisal has spent the past 16 years leading SYRUSA's efforts to provide construction management, structures representative, resident engineering, and structures inspection services for public agencies on rehabilitation, highway, bridge, grade separation, building, and roadway construction projects. As such, he has served as Structures Representative and/or Resident Engineer on multiple projects, including I-10 Corridor Express Lanes Design-Build, City of Corona Auto Center Drive Grade Separation, and Caltrans Cenda Ditch Bridge Replacement. Faisal also specializes in falsework for all temporary structures and shoring reviews and has exceptional knowledge and expertise in retaining walls (including type one, soil nails, ground anchors, soldier piles, and sound walls) and large and mega CIDH piles.

Throughout his career, Faisal has taken advantage of opportunities to train others. He was an instructor for Caltrans' Office of Structure Construction for the 2003 Winter Training regarding trenching and shoring and he was a member of Caltrans' Substructure Committee for the same office. Faisal is also a former faculty member at California State University, Fullerton, where taught construction classes.

Project Experience

SBCTA, I-10 Truck Climbing Lanes, Yucaipa, CA

This project is adding a truck climbing lane along eastbound I-10 from the 16th Overcrossing Bridge to 0.2 mile east of the County Line Road Undercrossing Bridge by paving the existing I-10 median. The project will replace the existing center barrier in the center median, restripe eastbound I-10 to accommodate shifting the existing three eastbound general-purpose lanes to the inside so that the number one lane will be located along the improved median, and the existing outside lane will provide continuation for the truck climbing lane that currently ends at the eastbound Live Oak Canyon off-ramp. As Quality Manager/Structure Rep. Faisal's responsibilities include reviewing and approving all submittals, monitoring daily activities, and RFIs. Project Cost \$ 39.5 Million | Duration on Project: 01/2024 - Ongoing

SBCTA, I-10 Corridor Express Lanes Design-Build, Ontario, CA

Project includes eight replacement bridges, widening for 16 existing bridges, 20 miles of new retaining walls, updating existing storm drain systems, adding two express lanes, improving existing on and off ramps,

and enhancements traffic striping to accommodate new car technologies. Retaining walls types are type one, soil nails walls, soldier pile walls, tie back walls. The project also featured stage construction, maintaining traffic for community and schools, constant communication with first responders for staging, and nightly closures. As the Structures Representative and Assistant Quality Manager, Faisal's responsibilities included, but were not limited, to review and authorization of construction submittal, RFIs, supervise field inspectors, project audit, monitor testing, coordinate between Caltrans structure design and the design-builder contractor's design, and oversee the As Built. Project Cost: \$679 Million | Duration on Project: 04/2020 – 04/2023

Caltrans D08, Cenda Ditch Bridge Replacement, Mountain Pass, CA

This project included replacement of Cenda Ditch Bridge Left and widening of Wheaton Wash Bridge Left. It was located within an environmentally sensitive area. As Structure Representative/Quality Manager, Faisal's responsibilities included monitoring bridge construction, review and approval of all submittals and RFIs (including concrete mix design, temporary shoring, and falsework plans), reviewing prestressing shop drawings, fiber concrete for bridge deck and preparing CCO for it. Faisal monitored and inspected the following on daily basis: field survey, foundation construction, concrete pour, prestressing and grouting operation, profilograph and grinding operations, joint seal type B installation, concrete barrier, construction of CISS piles, SWPPP monitoring, and reviewed and prepared VECs. He monitored and ensured safety at the job site and was responsible for preparing the final project records and files and submitting them to Caltrans headquarters in Sacramento. Project Cost: \$11 Million | Duration on Project: 03/2016 – 08/2017

Caltrans District 8, Barton Road Bridge Replacement, Colton, CA

This CM/CG project consisted of replacing Barton Rd OC with a new and higher bridge, multiple retaining walls and barriers, improvements to surrounding streets to improve traffic movement, utility upgrades, and on- and off-ramp improvements to enhance movement of travelers on I-215. As Assistant Structure Representative/Assistant Quality Manager, Faisal was responsible for reviewing submittals; RFIs; supervising field inspectors; agency, contractor, and utility coordination; and managing daily activities. Project Cost: \$ 55 Million | Duration on Project: 05/2018 – 09/2018

Caltrans District 8, Kraemer Junction Expressway, San Bernardino County, CA

This CM/GC project widens SR-58 expressway to four lanes, realigns the roadway, provides grade separation at railroad crossing, includes new pavement, widens median, improves traffic safety, and increases the volume of oversized vehicles. As Structure Representative/Assistant Quality Manager, Faisal's responsibilities included review and approval of all submittals, monitoring daily activities, supervising field inspectors, and RFIs. Project Cost: \$191 Million | Duration on Project: 10/2017 – 07/2018

City of Corona, Auto Center Drive, Corona, CA

This project included the \$22 million construction of a new overhead bridge to separate BNSF's tracks from Auto Center Drive, improvements to the surrounding area, the Metro Station, and all utilities located within the project limits. Auto Center Drive was elevated 30 feet to match the new bridge. New 30-inch DIP sewer line, 24-inch DIP Reclaimed Water Line, and multiple storm drain systems were constructed. Streetlights and parking lot lights were installed. The project consisted of driven concrete piles, eight feet diameter CIDH piles that were constructed under slurry displacement method, multiple retaining walls and MSE Walls, and post-tension box girder bridge. As the Resident Engineer/Structure Representative, Faisal was responsible for all construction activities, including complex staging, coordination with multiple utilities and agencies, and field inspections. Faisal was responsible for reviewing submittals, shop drawings, MSE Walls, shoring, falsework, and RFIs. He was also responsible for negotiations with the contractor for monthly pay requests and change order, as well as negotiating settlement to NOPCs.



EDUCATION

- MS, Civil Engineering, University of California, Los Angeles

CERTIFICATIONS/ LICENSES

- CA, Professional Engineer (Civil), No. 94427

Ryan has experience in construction management, inspection, and maintenance of highways, roadway bridges, and tunnels. He was recognized as the Caltrans District 59 Structure Representative of the Year for 2024, the first time in Caltrans history to be awarded to a consultant.

Ryan has worked with Caltrans as a construction inspector for District 7 and 8 inspecting highways, and bridges as well as grade separation. His experience also includes working with Massachusetts DOT where he inspected various roadways and other structures. He is well-versed with all Caltrans construction manuals and structure construction manuals. Ryan's field inspection experience includes excavation, backfill, drainage system, retaining walls, survey, concrete pour monitoring, falsework erection and removal, trenching and shoring, stressing operation, CIDH piles and driven piles construction, profilograph and grinding, joint seals installation, SWPPP, daily reports, field sampling, and monthly pay estimate calculation.

Ryan is knowledgeable in computer software, completed OSHA-10 hours construction safety training, ACE318-11 Building Code Requirements, AISC Manual of Steel Construction and Seismic Design Manual. Ryan is ACI certified and has current certifications of 8 hours Cal/OSHA safety training and current Defensive Driving, along with First Aid Certified.

Project Experience

Caltrans District 59/7, Arroyo Seco Bridge Improvements, Pasadena, CA

This project consisted of retrofitting the high profile, historic Arroyo Seco bridge and Orange Grove On-Ramp in an environmentally sensitive area over a park with public walking trail. This project included bridge deck improvements, install lighting and overhead signs, removing and replacing existing barriers and fencing, widening the Orange Grove on-ramp, installing ramp meter, maintaining safety of visitors, adjusting for utilities not shown in project plans, removing and replacing spalled and unsound concrete from excessive rain events, and restoring damage to existing park/trail facilities. The parks and trails beneath the bridge remained open during construction and the project had to work around special events at the Rose Bowl. As Structure Representative/Inspector, Ryan maintains safety and assured work was performed in accordance with plans and specifications. Project Cost \$7 Million | Duration on Project: 02/2022 – 03/2024

Caltrans District 7, SR-71 Freeway Conversion Phase 1, Pomona, CA

This project included removing access to local city streets, added one mixed flow lane and one HOV lane in each direction, converted the existing four-lane expressway to a full eight-lane standard freeway. The project included major utility relocation, fiberoptic television line, sewer line water, six soil nail, spread footing retaining walls, CIDH Pile retaining walls, new 5,000 foot reinforced concrete box culvert to be tied into existing drainage system, overhead signs, CMS signs, structure excavation/structure backfill and concrete barrier type 60MD, 842 SV modified, and 842 S modified, as well as preparations for future landscape needs including irrigation. As

Assistant Resident Engineer/Field Inspector, Ryan's duties included daily inspection, field survey, local business coordination, safety and SWPPP coordination. Project Cost: \$174 Million | Duration on Project: 05/2021 - Ongoing

Caltrans D59/7, Hobart Yard Bridge Widening, Los Angeles, CA

This project from Slauson Avenue to SR-60 was part of \$150 million federal and state funded improvements to I-710 and included widening Hobart Yard Bridge. The bridge spans over multiple BNSF tracks and the project included removing existing OH barrier, building a bridge widening and deck closure pour, and building a temporary platform to catch debris to avoid damage to the tracks working closely with BNSF staff. The project also included improvements to existing storm drainage systems, pavement rehabilitation, and new signage. Ryan served as Construction Inspector. Project Cost: \$150 Million | Duration on Project: 11/2020 – 04/2021

Caltrans D59/7, Will Rodgers State Beach, Malibu, CA

This project was in a highly sensitive environmental area and included widening the adjacent roadway to include bike paths, concrete barriers, retaining walls with concrete barriers on top, steel tubular railings, drainage systems, SWPPP, and striping. Safety to the public was of the utmost concern to protect visitors and residents. All rebar was required to be epoxy coated to prevent corrosion due to proximity to the water. Ryan served as Construction Inspector. Project Cost: \$25 Million | Duration on Project: 12/2018 – 04/2019

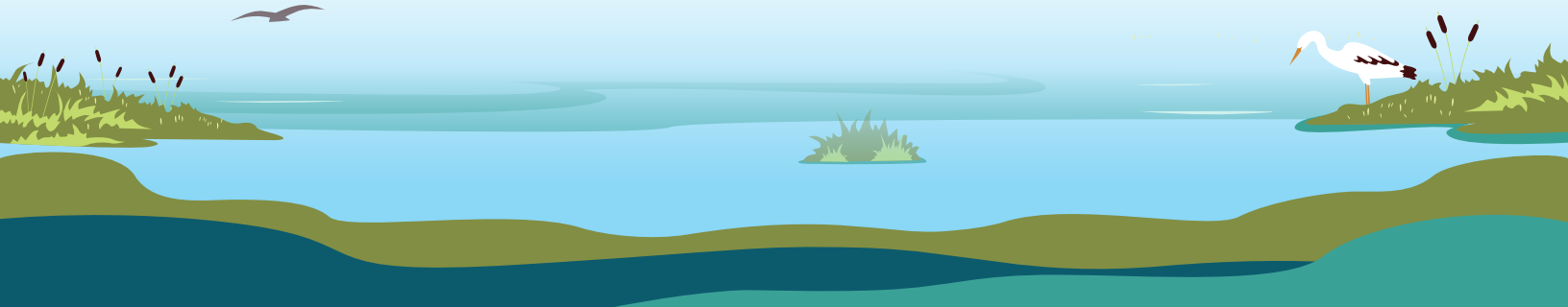
Caltrans District 7, Sr-1 Emergency Projects Slope Stabilization Wall, , Malibu, CA

This project included construction of tie-back wall to support the slope from sliding under the Pacific Coast Highway in Malibu caused by record environmental events. It also featured concrete barriers, curbs, sidewalks, SWPPP, striping, shoulder planting, median maintenance, restoration of adjacent landscape, erosion control, and improved drainage. As Construction Inspector, Ryan was responsible for field survey, field inspection, daily reports, and monitoring compliance with standard plans and specifications. Project Cost: \$5.5 Million | Duration on Project: 04/2019 – 09/2019

Caltrans District 7, SR-2 Emergency Repair Projects, Los Angeles National Forest, CA

This emergency project issued under Caltrans Directive order repaired and replaced three locations damaged by stormwater erosion, imported 5,000 CY of soil to backfill, used sandbags/gravel bags, fiber rolls, jute mesh, erosion control, and removed and replaced guardrail in this environmentally sensitive area. The project included bike paths and hiking trails as well as indigenous planting and improved drainage for water run off. As Field Inspector, Ryan was responsible for field survey, field inspection, daily reports, and monitoring compliance with standard plans and specifications.

Additional Personnel: BGB Design Group



Robert Borthwick ASLA

Senior Principal

Bob has a landscape architecture career spanning over 40 years. He has designed noteworthy public projects including parks, trails, historical waterfronts, scenic highway planning and canyon preservation. He has also designed a wide range of private housing and commercial developments.

His ability to achieve consensus in difficult situations, and the resulting completed projects, has brought credit to his firm and the profession of landscape architecture. Bob's clients include public agencies and developers, both domestic and international. He has been a dedicated instructor in landscape architecture and a respected community leader in causes that include open space preservation, restoration, trail planning, and town planning. His projects have received local, statewide, and national awards and recognition.



Professional Leadership

- Laguna Greenbelt Board of Directors
- Foundation for Sustainability & Innovation Board of Directors
- View Restoration Advisory Committee – City of Laguna Beach
- Open Space & Trails Committee – City of Laguna Beach
- Aliso Creek Corridor Planning Task Group – County of Orange

Representative Projects

Avalon Waterfront Urban Design Plan

City of Avalon, Catalina Island, CA

Bob Borthwick was commissioned in 1996 to design the refurbishment of Avalon's downtown waterfront area. The completed project included creating new "pedestrian-only" streets, plazas, and restoration/enhancement of paving, decorative walls, fountains, and historical artwork. Bob led the design for the project and facilitated all public workshops and presentations. The project received design awards from SCC/ASLA, the Los Angeles Business Council, and the Centennial Award from ASLA/National.

Laguna Beach Landscape & Scenic Highways Resource Document

Prepared an inventory of architectural and landscape features in approximately 35 neighborhoods and districts and provided design recommendations to identify and preserve the visual character of each district and the city's scenic highways. Received American Planning Association and SCC/ASLA awards.

Fullerton Multi-Use Trails

City of Fullerton, Ca

BGB completed planning and design for a series of local/regional multi-use trails in Fullerton. Projects included Hiltcher Trail, Bud Turner (Laguna Lakes) Trail, and Union Pacific Trail. User-groups included pedestrians, bicyclists, and equestrians. Features included bridges, seating/picnic areas, and native landscaping. Bob Borthwick managed these projects and led all public workshops

Los Pozos

Panama

Los Pozos is a 180-acre hillside site in Panama, developed as a sustainable custom-home equestrian community. The project was designed to respect the natural topography, utilize wind-generated electricity, enhance the natural creek flowing through the property, and utilize native stone and plant materials. Led by Bob Borthwick, BGB provided on-site recommendations and Design Guidelines for architectural and site development.

Education

Bachelor of Science, Landscape Architecture

License

Registered Landscape Architect, California #1354

Professional Memberships

American Society of Landscape Architects, Full Member
Society of Architectural Historians
Lifetime Credential- California Community Colleges

Recognition

- Cal Poly Pomona Landscape Architectural Advisory Board – Past Chair and Emeritus Member
- ASLA/SCC – Public Stewardship Award
- Laguna Beach Beautification Council – Harry Lawrence Award of Excellence
- USC Graduate School of Architecture – Guest Critic
- UCLA Extension Dept. of Landscape Architecture – Guest Critic
- Cal Poly Pomona Dept. of Landscape Architecture - Guest Critic

Martin Armstrong, PLA, ASLA,

Landscape Architect

Martin is a landscape architect and urban planner with 25 years of industry experience. His background includes environmental restoration, regional parks and trails design development, urban infill, design-build, community workshops, project entitlement process, construction drawings, and construction observation. Martin also has experience in estate management, ADA surveys and compliance in public spaces, project management, environmental law (CEQA/NEPA), and client coordination. Martin has worked on a variety of projects including recreational parks, streetscapes, model units, and private residences throughout Central and Southern California

**Representative Projects****URBAN DESIGN EXPERIENCE**

- Town of Paradise Design Guidelines, Paradise, CA
- Limonite Gateway and Pedestrian Plazas, City of Eastvale, CA
- Wildomar Streetscape and Trail, City of Wildomar, CA
- Long Beach Boulevard Streetscape, City of Southgate, CA
- Firestone Boulevard Widening and Streetscape, City of Norwalk, CA
- Limonite Gateway and Pedestrian Plazas, City of Eastvale, CA
- HWY 1 Aesthetics Aptos/Capitola to State Beach, Santa Cruz, CA
- SR47 On-off Ramp, Port of Los Angeles, CA
- Amazon Facilities – Entitlement and Planning, Nationwide, CA
- Target Stores – ADA Compliance and Landscape Enhancements, SoCAL, CA
- Wildland Fire Mitigation Plan, City of Malibu, CA
- City of Thousand Oaks Street Improvement Plan, Thousand Oaks, CA
- Saviers Road Landscape, Oxnard, CA

PARKS AND TRAILS

- Mason Regional Park, Orange County, CA
- OC Loop (Sections D, O, P, Q), Orange County, CA
- MLK Trail, Fresno County, CA
- **Heritage Oaks Streetscape, West Sacramento, CA**
- Santa Clara Multimodal Trail, Ventura County, CA
- Brigantino Park Hollister, CA
- **Ventura River Parkway Trail, Ventura, CA**
- Ventura Community Park, Ventura, CA
- Dos Vientos Community Park, Thousand Oaks, CA
- Community Parks and Parkways, Colton, CA
- Kellogg Park, Ventura, CA
- Chase Palm Park, Santa Barbara, CA
- The Great Park, Orange County, CA
- Anthony Munoz Park, Ontario, CA
- Ojai BMX Park, Ojai, CA
- Carpinteria Community Pool, Carpinteria, CA
- Truckee Bike Park, Truckee, CA
- Ventura BMX Park, Ventura, CA

Areas of Expertise

- **Construction Review**
- **CA Native Landscape**
- **Irrigation Efficiency**
- **Park Trail Design**
- **Urban Design**

Education

California State Polytechnic University, San Luis Obispo
Bachelor of Science, Landscape Architecture

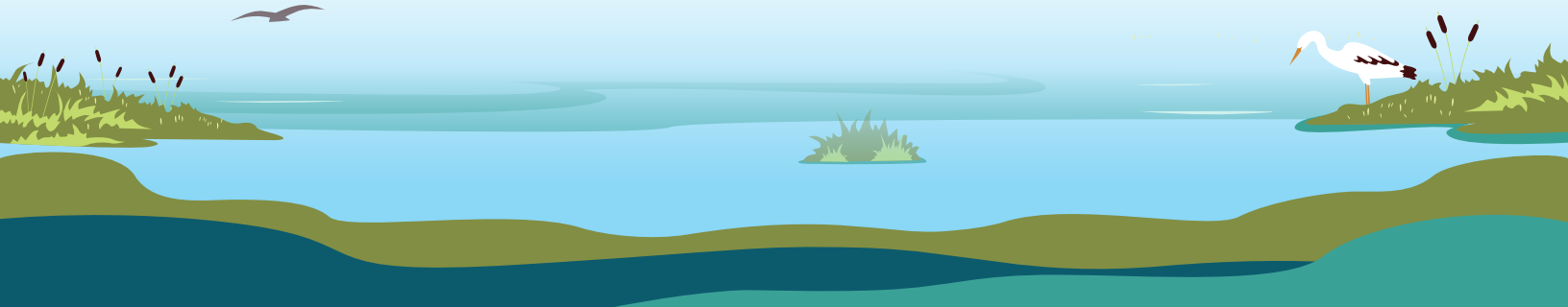
Professional Affiliations

American Society of Landscape Architects, Board of Directors –
San Diego, 2023 President SD Chapter
LATC, Technical Expert
CA Registered Contractor C27

Licenses

Registered Landscape Architect, California #4607

Additional Personnel: VCS Environmental



WADE CAFFREY

Vice President



VCS Environmental
EXPERTS IN STRATEGIC SOLUTIONS



YEARS OF EXPERIENCE
16

YEARS WITH VCS
14

EDUCATION
B.S. Biology, San Diego State
University, San Diego, CA
2009

CERTIFICATIONS
Crotch's Bumble Bee Training
with Ken Osborne, August
2023

Los Angeles County SEATAC
Certified Biologist, August
2022

CRAM Certified, 2013

Wetland Training Institute
Certified, July 2011

PROFESSIONAL AFFILIATIONS
Association of Environmental
Professionals

Wade Caffrey is the Vice President of VCS Environmental. Wade oversees the Biological Resources and Regulatory Permitting Departments. Wade manages the biological surveys, biological technical reports, regulatory permitting, and habitat mitigation work at VCS. His field work includes monitoring mitigation sites and conducting biological surveys and assessments of onsite resources, such as special status species, jurisdictional waters, and other sensitive resources. Wade manages the preparation of and prepares biological reports and planning documents such as habitat mitigation and monitoring plans (HMMPs), mitigation monitoring reports (MMRs), California Rapid Assessment Method (CRAM) analysis reports, CEQA, species survey reports, jurisdictional delineations, and habitat conservation plan compliance documents. Wade has extensive expertise in regulatory services, such as the preparation of United States Army Corps of Engineers (USACE) Section 404 Permits, United States Fish and Wildlife Service Section 7 Biological Opinions, California Department of Fish and Wildlife (CDFW) Section 1602 Streambed Alteration Agreements, 2081 Incidental Take Permits, and 2080.1 Consistency Determinations, and Regional Water Quality Control Board (RWQCB) Section 401 Water Quality Certifications and Waste Discharge Requirements. Wade plays a key role in coordinating with regulatory agencies to secure permits and meet permit compliance requirements.

In addition, Wade is responsible for the oversight and implementation of numerous mitigation and restoration projects across Southern California. He has extensive experience preparing, implementing, and meeting the monitoring requirements of restoration plans and HMMPs to meet success criteria and fulfill regulatory agency conditions and obligations.

SELECT PROJECTS

SKYRIDGE RESIDENTIAL DEVELOPMENT | MISSION VIEJO, CA

Skyridge is an 84-lot subdivision on approximately 28.45 acres. Originally in the County of Orange, Skyridge included annexation into the City of Mission Viejo, resulting in the need for a General Plan Amendment, Zone Change and Vesting Tentative Tract Map. The project faced several challenges including a large landslide, significant cultural resources site and occupied coastal California gnatcatcher habitat. VCS successfully received Planning Commission and City Council approvals from the City of Mission Viejo and annexation approval from the Local Agency Formation Commission (LAFCO). Wade conducted construction monitoring for work occurring in and adjacent to occupied critical habitat for the coastal California gnatcatcher. He has also assisted in implementing the installation of the mitigation within a 17-acre site and drafting, processing, and recording the conservation easement protecting the 17-acre site in perpetuity. In addition, Wade conducted biological surveys consistent with the California Rapid Assessment Method for both the development and mitigation site and well as implementation of the Mitigation Monitoring Program for restoration.

A certified DBE, SBE & WBE firm

30900 Rancho Viejo Road, Suite 100
San Juan Capistrano, CA 92675
949.489.2700 | vcsenvironmental.com

SEVILLA TRACT 32151 PROJECT | WINCHESTER, CA

The project proposes to develop approximately 180 dwelling units, commercial space proposed as a mini-storage facility, and open space areas on approximately 40 acres of agricultural land. Wade prepared and processed the Western Riverside Multiple Species Habitat Conservation Plan (MSHCP) Determination of Biologically Equivalent or Superior Preservation report, the Regional Water Quality Control Board (RWQCB) 401, the U.S. Army Corps of Engineers (USACE) 404, and the California Department of Fish and Wildlife (CDFW) 1600. Wade facilitated the purchase of mitigation and managed the permit compliance, including the pre-construction biological surveys and the biological monitoring.

SPENCER'S CROSSING DEVELOPMENT | MURRIETA, CA

Spencer's Crossing Development is a residential development in its final phase. Wade assisted with mitigation implementation/signoff and obtained a California Department of Fish and Wildlife 1600 permit and waiver of a Regional Water Quality Control Board (RWQCB) 401 Permit/U.S. Army Corps of Engineers (USACE) 404 Permit.

VILA BORBA DEVELOPMENT PROJECT | CHINO HILLS, CA

The Vila Borba Development Project is a 336-acre site consisting primarily of single and multi-family homes, public parks, onsite mitigation including the construction of water quality basins that will function as replacement wetlands and stormwater runoff water quality treatment, and open space. Wade conducted pre-construction and focused surveys for burrowing owl, Coastal California Gnatcatcher (CAGN) with a permitted biologist, Least Bell's Vireo (LBV), and general nesting birds. He was approved as a biological monitor by the U.S. Army Corps of Engineers (USACE) and U.S. Fish and Wildlife Services (USFWS) to monitor for CAGN and LBV, and subsequently identified and protected a CAGN nest, which went on to successfully fledge four offspring. He also prepared and processed a conservation easement with the USACE, USFWS, and California Department of Fish & Wildlife (CDFW). Wade was responsible for the monitoring of construction in compliance with multiple permits, which included coordination with USACE, CDFW, Regional Water Quality Control Board (RWQCB), and USFWS. Wade also managed the creation and restoration of 23 acres of sensitive habitat and the preservation of over 100 acres of open space under conservation easements.

BEAR VALLEY PROJECT | ESCONDIDO, CA

Bear Valley Parkway Specific Alignment Plan proposes development of a 55-unit residential development with Bear Valley Parkway frontage improvements, private streets, dedicated open space, and recreation lots, as well as the phased improvement of a section of Bear Valley Parkway to four-lane major road standards. Wade reauthorized the 404 Permit, provided construction monitoring, and mitigation implementation.

PATRICK MAXON, M.A., RPA

Director of Cultural Resources



YEARS OF EXPERIENCE
30

YEARS WITH VCS
7

EDUCATION

M.A., Anthropology, California State University, Fullerton, CA, 1994

B.A., Psychology/Sociology
Towson State University, Towson, MD, 1987

CERTIFICATIONS/TRAINING

Riverside County Transportation and Land Management Agency
Certified Archaeologist/ Riverside County

California Energy Commission
Cultural Resources Specialist

Registered Professional Archaeologist (National)/No. 11468/Register of Professional Archaeologists

Orange County Certified Archaeologist

National Historic Preservation Act
Section 106 Compliance
Advanced Certification, 2002

Principal Investigator, Southern California/Bureau of Land Management

Qualified Archaeologist-Secretary of Interior Standards and Guidelines of Professional Qualification & Standards for Archaeology, as per Title 36, Code of Federal Regulations, Part

Patrick Maxon is a Registered Professional Archaeologist (RPA) who meets the Secretary of Interior's standards for historic preservation programs for archaeology and who has a permit to perform work on Bureau of Land Management land. Patrick has 30 years of experience in all aspects of cultural resources management, including prehistoric and historic archaeology, paleontology, ethnography, and tribal consultation. He has expertise in compliance with CEQA/NEPA, the National Historic Preservation Act (NHPA), the Archaeological Resources Protection Act, and the Clean Water Act, among others. He has managed a number of projects within the jurisdiction of the U.S. Army Corps of Engineers (USACE), the Bureau of Land Management, the Bureau of Reclamation, and other federal agencies that require compliance with Section 106 of the NHPA. He has also completed projects throughout southern California under CEQA for State and local governments and municipalities.

SELECT PROJECTS

SEAL BEACH BOULEVARD AT NORTH GATE ROAD IMPROVEMENT FSTIP PROJECT [CRAL-5229(019)] | SEAL BEACH, CA

The City of Seal Beach, in cooperation with the California Department of Transportation (Caltrans) District 12, jointly plan to rehabilitate Seal Beach Boulevard with mill and overlay of AC pavement repair. Pat prepared the Historic Property Survey Report and Archaeological Survey Report under the requirements of Section 106 of the National Historic Preservation Act (NHPA) and the Caltrans Section 106 Programmatic Agreement (Section 106 PA).

EDINGER AVENUE BRIDGE REPLACEMENT ENVIRONMENTAL DOCUMENTS AND REGULATORY SERVICES | HUNTINGTON BEACH AND SEAL BEACH, CA

The County of Orange, in cooperation with Caltrans and the FHWA, proposed to demolish the existing 15-span timber bridge over the Bolsa Chica Channel that provides access to Sunset Aquatic Regional Park. A 4-span precise concrete bridge would be constructed in its place. Pat was the Cultural Resources Project Manager and conducted a Phase I cultural resources study to Caltrans standards and completed a Historic Property Survey Report (HPSR) documenting the findings of the study. The Phase I study included development of a project Area of Potential Effects (APE); Native American scoping with local Gabrielino and Juaneño tribes and individuals; a pedestrian survey of the bridge and approaches on either side; and preparation of the HPSR. No archaeological resources were recorded within the APE and none were discovered as a result of this study. The bridge itself is listed as Category 5 (Not Eligible for NRHP) in the Caltrans Historic Highway Bridge Inventory.

PRADO BASIN MITIGATION SITES | ORANGE COUNTY, CA

Pat was the Cultural Project Manager for several water related projects in the Prado Basin including (1) a Pilot Study to determine the optimal location to remove accumulated sediment from behind the dam and retrain it back into the Santa Ana

A certified DBE, SBE & WBE firm

30900 Rancho Viejo Road, Suite 100
San Juan Capistrano, CA 92675
949.489.2700 | vcsenvironmental.com



River south of the dam. This includes four revegetation sites-the three-acre Pigeon Hill Mitigation site, the three-acre Demonstration Garden Extension Mitigation site, the nine-acre Pheasant Field Mitigation site, and the nine-acre Yorba Slaughter Adobe site-that mitigate for the loss of vegetation during the sediment removal; (2) the Deviation project that is considering increasing the level of held water behind the dam from 498 feet to 505 feet during the flood season; (3) a Feasibility study that evaluated the viability of four locations-Chino Creek, Alternative D, Mill Creek, and Weir Canyon locations-for sediment removal; and (4) the Gabion/Sunnyslope project that entailed the placement of riprap to protect an existing waterline and mitigate for the loss of vegetation. For these projects, Psomas conducted records searches and literature reviews at the Eastern Information Center (EIC) at University of California (UC), Riverside, at the San Bernardino Archaeological Information Center (SBAIC) at the San Bernardino County Museum, and at the South Central Coastal Information Center, California State University, Fullerton; completed Native American scoping through a request for a Sacred Lands File Search and tribal contacts list at the Native American Heritage Commission and an offer of consultation with listed tribes; surveyed all of the sites for archaeological materials; and prepared technical reports for each study following the guidelines contained in Archaeological Resource Management Reports (ARMR): Recommended Contents and Format (Office of Historic Preservation 1990). The studies were completed under Section 106 of the NHPA that included close coordination with the US Army Corps of Engineers.

PRADO BASIN RIPARIAN ENHANCEMENT | ORANGE COUNTY, CA

The Orange County Water District (OCWD) has partnered with the U.S. Army Corps of Engineers (USACE) to study and evaluate two pilot sites to be used for experimental enhancement of riparian habitat in the Prado Basin. This study, among others, will permit the OCWD to hold water at a higher elevation in Prado Basin for a five-year period. As part of its identification efforts, the OCWD retained VCS' Pat Maxon to complete a Phase I Cultural Resources Assessment (CRA) Study for the proposed project to assist the USACE in meeting its responsibilities under Section 106 of the National Historic Preservation Act. The report followed the guidelines contained in Archaeological Resource Management Reports (ARMR): Recommended Contents and Format (Office of Historic Preservation 1990). The Phase I CRA study included preparation of an Area of Potential Effects (APE) map, literature and record searches at the Eastern Information Center (EIC) at the University of California, Riverside and the Western Science Center (WSC) in Hemet respectively, a pedestrian reconnaissance survey of the project site/APE, and the cultural technical report.



YEARS OF EXPERIENCE
45

YEARS WITH VCS
>1

EDUCATION
Ph.D., Systematics & Ecology,
University of Kansas, 1984

M.A., Systematics & Ecology,
University of Kansas, 1979

CERTIFICATIONS/TRAINING
Certified Paleontologist,
Orange and Riverside
counties, California

PROFESSIONAL AFFILIATIONS
Paleontological Society

Dr. Joe Stewart is a vertebrate paleontologist with 45 years of experience in paleontology and 40 years of experience in the geology and paleontology of California. He has been involved in the permitting or construction of more than ten power plants and has directed the paleontological monitoring and mitigation program for Path 15, a major transmission line project. Joe's publications include more than 40 peer-reviewed articles in books and journals. His research specialties are fossil fishes and Pleistocene vertebrate faunas, especially those of California deserts. In addition, he has 17 years of experience as an assistant curator of vertebrate paleontology.

SELECT PROJECTS

ORANGE COUNTY PARKS PLANNING AND DESIGN – UPPER NEWPORT DRAIN REPAIR | NEWPORT BEACH, CA

Erosion had overrun and exposed a 30-inch diameter culvert piping along 300 linear feet down a steep hillside from Newport Mesa to the Newport Bay. The old piping had to be excavated, removed, replaced with larger pipe, covered, and landscaped. Joe wrote the paleontological resource mitigation and monitoring plan for the project, directed the monitoring, and the processing of thousands of pounds of sediment. This produced 120 significant vertebrate fossils. He also identified the fossils and wrote the final report.

RIVERSIDE COUNTY TRANSPORTATION COMMISSION – SR-91 CORRIDOR IMPROVEMENT PROJECT | CORONA, CA

This \$1.4 billion project extended the 91 Express Lanes from the Riverside County/Orange County line to Interstate 15, providing the first tolled express lanes in Riverside County. This design-build project also added general purpose lanes, auxiliary lanes, and an express Lane Connector between eastbound 91 and southbound I-15 and between northbound I-15 and westbound 91. Joe performed a pre-construction survey, wrote the paleontological resource monitoring plan, supervised monitoring of construction activities, supervised the excavation of a partial bison skeleton, supervised preparation of the specimens, and wrote the final report.

SADDLEBACK ESTATES | TEMESCAL VALLEY, CA

The Saddleback Estates Development project was approved to subdivide the 148.3-acre site into single-family residential lots with a minimum lot size of 5,000 square feet. The proposed project includes 224 single-family residential lots, nine MSHCP open space lots, a 5.71-acre park site, and a 0.34-acre detention basin. Joe prepared the Paleontological Resource Mitigation Plan (PRMP) for the project and will oversee the paleontological monitoring and prepare the Paleontology Negative Findings Report.

JOE D. STEWART, Ph.D.

Senior Project Manager | Paleontologist

VCS Environmental

CALTRANS AND COUNTY OF SAN BERNARDINO PUBLIC WORKS DEPARTMENT – SHADOW MOUNTAIN ROAD GRADE SEPARATION PROJECT PALEONTOLOGICAL ASSESSMENT AND MONITORING PLAN | HELENDALE/TWIN LAKES, CA

Increased vehicular and railroad traffic has created traffic problems in the communities of Helendale and Twin Lakes. The Shadow Mountain Road Grade Separation Project is the proposed solution to improve local traffic and safety by providing a new bridge over the Mojave River, and a new grade separation crossing over the BNSF railroad between Shadow Mountain Road and the Historic Trails Highway. Joe directed the survey of the project footprint and wrote the paleontological assessment and paleontological resource monitoring plan.

CRIMSON SOLAR PROJECT | BLYTHE, CA

Recurrent Energy's Crimson Solar Project is a utility-scale solar photovoltaic (PV) and energy storage project that would generate up to 350 megawatts (MW) of renewable energy using photo-voltaic technology with up to 350 MW of integrated energy storage capacity. Joe supervised the survey of nearly 2,500 acres of Bureau of Land Management land which resulted in the documentation of 957 fossil localities. He also wrote the technical report.

MARSH LANDING GENERATING STATION | CONCORD, CA

The Marsh Landing Generating Station (MLGS) is a nominal 760-megawatt (MW) electricity generating facility consisting of four simple cycle natural gas-fired combustion turbines. Joe performed the survey of the project site and wrote the paleontological resource section for the application for certification. After the Project was certified in 2010, Joe served as the paleontological resource specialist for the construction of the plant. He supervised the paleontological resource monitors and wrote the final report.

A certified DBE, SBE & WBE firm

30900 Rancho Viejo Road, Suite 100
San Juan Capistrano, CA 92675
949.489.2700 | vcsenvironmental.com

JULIE VANDERMOST BEEMAN

President



VCS Environmental
EXPERTS IN STRATEGIC SOLUTIONS



YEARS OF EXPERIENCE

34

YEARS WITH VCS

28

EDUCATION

B.A., Sociology, Minor in
Criminal Justice, California
State University, Fullerton
1987

PROFESSIONAL AFFILIATIONS

Association of Environmental
Professionals

Association of State Wetlands
Managers

Ecological Restoration
Business Association

AWARDS AND RECOGNITION

2022, Woman of the Year,
Assemblymember Laurie Davies

2023, Business Leader of the
Year, Mayor Howard Hart, City of
San Juan Capistrano

Julie Vandermost Beeman is President and founder of Vandermost Consulting Services, Inc., doing business as VCS Environmental, a full-service environmental firm headquartered in San Juan Capistrano. VCS was founded in 1996 and specializes in CEQA/NEPA, biology, regulatory, and cultural services services. Julie leads a 30-member team that serves private sector and public agencies throughout Southern California.

SELECT PROJECTS

SHOEMAKER BRIDGE REPLACEMENT | LONG BEACH, CA

The existing Shoemaker Bridge over the San Gabriel River will be demolished, and a new iconic bridge will be constructed. Julie was asked by the City of Long Beach to join the Shoemaker Replacement Bridge project management team to oversee the regulatory approach for the Bridge, including compliance with the Migratory Bird Treaty Act, Clean Water Act, and Endangered Species Act. VCS acts as an extension of City staff with Caltrans and the regulatory agencies.

SOUTHEAST AREA DEVELOPMENT AND IMPROVEMENT PLAN (SEADIP) | LONG BEACH, CA

VCS was asked to participate in the preparation of the Specific Plan and Environmental Impact Report for the Southeast Area Development and Improvement Plan (SEADIP) Update for the City of Long Beach. VCS's role was to lead the biological assessment of the 1,500-acre SEADIP area. The overall goal of this project was to prepare a Specific Plan that reflects the community's desire to comprehensively address land use, design, transportation, resource conservation and infrastructure in a single document, which will replace the existing zoning and Planned Development overlay for the project area. The community voiced strong support for protection of the approximately 300 acres of wetlands, open water, and open space. This vision of the community needed to combine habitat restoration and preservation with economic development. Julie played a key role in determining the existing habitat conditions, evaluating impacts on the natural resources, and addressing buffers and corridors proposed in the planning documents and creating a fee program to fund long term management of the wetlands that helped to garner community support.

COLORADO LAGOON MITIGATION BANK | LONG BEACH, CA

The Colorado Lagoon in Long Beach has had restricted tidal action due to urban development and infrastructure. The City of Long Beach proposed to restore the tidal connection to the Lagoon by removing a park and creating a Mitigation Bank. Julie was asked to assist the City team in entitling the Colorado Lagoon Mitigation Bank. This included coordination with the California Coastal Commission on its position on mitigation banking, as well as helping to facilitate reviews and approvals by the U.S. Army of Corps of Engineers, National Marine Fisheries, and the Environmental Protection Agency.

A certified DBE, SBE & WBE firm

30900 Rancho Viejo Road, Suite 100
San Juan Capistrano, CA 92675
949.489.2700 | vcsenvironmental.com

JULIE VANDERMOST BEEMAN

President

VCS Environmental

MILL CREEK WETLANDS | CHINO, CA

Julie was instrumental in bringing together various public agencies to establish the award-winning Mill Creek wetlands/water quality/recreation plan in the Prado Flood Control Basin. Julie worked closely with the U.S. Army Corps of Engineers (USACE), the County of San Bernardino Parks Department and the City of Ontario along with several builders to design and implement this regional example of a public/private partnership to benefit the environment.

VAIL DAM SEISMIC AND HYDROLOGIC REMEDIATION PROJECT | RIVERSIDE, CA

Julie was asked by the Rancho California Water District to represent it as an extension of staff to assist in managing the environmental team for the Vail Dam Safety Retrofit Project. Julie has helped the team to reduce mitigatable impacts to habitat and waters of the U.S. and State and provide valuable direction to Water District management, saving the District hundreds of thousands of dollars in mitigation costs.

LAGUNA NIGUEL TO SAN JUAN CAPISTRANO PASSING SIDING PROJECT | SAN JUAN CAPISTRANO AND LAGUNA NIGUEL, CA

The Laguna Niguel to San Juan Capistrano Passing Siding Project is located parallel and west of Interstate 5 and will extend from just south of the Laguna Niguel/Mission Viejo Station. The project included construction of a 1.8-mile long passing siding railroad track, new retaining walls, relocation of existing power poles and gas, water, and sewer infrastructure, the addition of a railroad bridge, culvert extensions, a paved parking lot, and reprofiling of about 600 feet of Camino Capistrano. VCS was the biologist and archaeologist of record for the OCTA Laguna Niguel to San Juan Capistrano Passing Siding Project. VCS ensured compliance with CEQA, NEPA, biological regulatory and Section 106 environmental commitment measures. Julie provided project oversight.

MITIGATION BANKS | LAND VERITAS | SOUTHERN CALIFORNIA

Julie led the technical team for the approval and implementation of two major mitigation banks, which included over 4,500 acres of mitigation valued at over \$100 million. Julie worked closely with the Mitigation Banking Internal Review Team, consisting of the United States Army Corps of Engineers, U.S. Environmental Protection Agency (EPA), California Department of Fish & Wildlife (CDFW), and the Lahontan, Los Angeles and/or Santa Ana Regional Water Quality Control Boards. Additionally, Julie prepared a presentation on the banks and provided outreach services to potential bank users, from public agencies to private firms across southern California.

SBCTA ON-CALL | SBCTA | SAN BERNARDINO COUNTY, CA

Julie manages the on-call contract for the San Bernardino County Transportation Authority (SBCTA). VCS is in its third five-year contract to provide staffing services on an as-needed basis for major transportation projects throughout San Bernardino County. Julie assigns and manages staff to assist with projects and leads key projects. VCS has assisted with dozens of projects.

A certified DBE, SBE & WBE firm

30900 Rancho Viejo Road, Suite 100
San Juan Capistrano, CA 92675
949.489.2700 | vcsenvironmental.com



YEARS OF EXPERIENCE

7

YEARS WITH VCS

7

EDUCATION

M.A., Conservation Biology,
Advanced Inquiry Program at
Miami University (Oxford,
OH) 2023

B.S. Biology – Organismal
Biology, California State
University, Long Beach 2017

CERTIFICATIONS/TRAINING

Crotch's Bumble Bee Training
with Ken Osborne, August
2023

OSHA 24 Hour HAZWOPER
Training, Certificate No.
2209222439263, September
2023

Basic Wetland Delineation
Training, Wetland Training
Institute, February 2020

CNPS Rare Plant and
Vegetation Sampling Lecture
and Field Course, March 2019

CRAM Certified, April 2023

SCRRRA Railroad Safety
Training for OCTA/Metrolink
– Valid through December
2020

Sierra is a Biologist and Senior Project Manager III at VCS Environmental (VCS). Sierra manages biological surveys, biological technical reports, regulatory permitting, and habitat mitigation work. Sierra's experience in the field includes vegetation mapping, mitigation site monitoring, jurisdictional delineations, nesting bird surveys, least Bell's vireo surveys, and burrowing owl surveys. She also assists senior personnel with the preparation of U.S. Army Corps of Engineers (USACE) Section 404 Permits, California Department of Fish & Wildlife (CDFW) Section 1602 Streambed Alteration Agreements, and Regional Water Quality Control Board (RWQCB) Section 401 Water Quality Certifications.

EXPERIENCE

STATE ROUTE 210 MIXED FLOW LANE ADDITION PROJECT | CITIES OF HIGHLAND, SAN BERNARDINO, AND REDLANDS, CA

The San Bernardino County Transportation Authority (SBCTA) in cooperation with the California Department of Transportation (Caltrans) District 8 and the City of Highland, widened State Route 210 (SR-210) from Sterling Avenue to San Bernardino Avenue in the cities of Highland, San Bernardino, and Redlands, as well as a portion of unincorporated San Bernardino County, California. The total length of the proposed project limits is approximately 8.2 miles and crossed the Santa Ana River and Plunge Creek habitats for two endangered plants. Sierra oversees the onsite mitigation areas, including conducting qualitative and quantitative monitoring pursuant to the project's regulatory permitting requirements.

SHEA/BAKER RANCH – BORREGO CHANNEL WASH | LAKE FOREST, CA

The Shea/Baker Ranch project site is located within the City of Lake Forest between Commercentre Drive, Towne Centre Drive, Borrego Canyon Wash, and Bake Parkway. The project included drainage improvements to Borrego Channel Wash, approximately 2,000 single-family and multi-family dwelling units, retail and commercial uses, parks, trails, streets, and landscaped areas in the Shea/Baker Ranch Planned Community. The two-acre detention basin was installed to provide mitigation for all project impacts to waters, other than impacts to the Borrego Channel. Sierra conducted qualitative and quantitative mitigation monitoring for five years. Success standards were met and Sierra has coordinated the mitigation sign off with the regulatory agencies.

VILA BORBA | CHINO HILLS, CA

The Vila Borba Development Project is a 336-acre site consisting primarily of single- and multi-family homes, public parks, water quality basins and onsite mitigation for impacts riverside sage scrub and coast live oak. VCS has played a crucial role in addressing various concerns from the local, state, and federal resource agencies including the increase of federally endangered and threatened species onsite. Sierra oversees nesting bird surveys, western burrowing owl surveys, and qualitative and quantitative monitoring of the mitigation sites.

HI HOPE/MARISOL | OCEANSIDE, CA

The Hi Hope Ranch Project is located between State Route 76 and North River Road, approximately midway between Interstates 5 and 15 in the City of Oceanside. The project included development of 93 single-family homes on approximately 56.2 acres. Preservation and restoration have been implemented onsite. Sierra conducts the qualitative and quantitative mitigation monitoring pursuant to the project's Habitat Mitigation and Monitoring Plan.

BOULDER SPRINGS | PERRIS, CA

Boulder Springs is a single-family residential community with 12.4 acres in two open space mitigation areas. Sierra conducts qualitative and quantitative monitoring and prepares annual reports to the resource agencies in compliance with project permits.

BANNING RAMSEY STREET WASH | BANNING, CA

The Banning Distribution Center Project includes the construction of a warehouse parking lot, and two stormwater basins, the extension of John Street to reach the project site, construction of a gravel emergency access road, installation of water and sewer lines, construction of an associated new sewer pump station, and the diversion of two drainages. Sierra led pre-construction western burrowing owl and nesting bird surveys. She conducted construction monitoring for vegetation removal during grading activities and weekly site checks through grading. Sierra also coordinated with onsite personnel to ensure regulatory permit compliance on the project site. She also completed monthly reports to the Regional Water Quality Control Board (RWQCB) in compliance with the project permits and assisted with annual reports. Sierra is the lead biologist for the onsite restoration areas. She conducts qualitative monitoring and coordinates with the maintenance contractor for as needed maintenance.

SPENCER'S CROSSING DEVELOPMENT | MURRIETA, CA

Spencer's Crossing Development is a residential development in the City of Murrieta. Sierra conducted Western Riverside Multiple Species Habitat Conservation Plan (MSHCP) western burrowing owl surveys and oversaw passive eviction of owls in conjunction with the resource agencies. Surveys included walking transects of the property looking for new active burrows, installation, monitoring, and installation of one-way doors. She conducted nesting bird surveys prior to grading and coordinated setup and monitoring of no work buffers for active burrowing owl locations and active nesting bird locations. In addition, she conducted construction monitoring for vegetation removal and grading activities as well as conducted subsequent construction and burrowing owl monitoring. Sierra is also the lead biologist of the onsite mitigation and conducts qualitative monitoring, nesting bird surveys prior to maintenance, and coordinates with the landscape contractor for needed maintenance.

OAK SPRINGS RANCH | WILDOMAR, CA

Oak Springs Ranch encompasses approximately 51.5 acres, comprised of apartment buildings, single-family residential, and open space. Compensatory mitigation included creation of an open conveyance channel, riparian enhancement, oak woodland habitat in an open space. Sierra conducts qualitative monitoring and long-term compliance monitoring for the completed mitigation.

LAGUNA NIGUEL TO SAN JUAN CAPISTRANO PASSING SIDING PROJECT | LAGUNA NIGUEL, CA

The Orange County Transportation Authority (OCTA) Laguna Niguel Passing/Siding Project adds one lane of track to the railroad from the Laguna Niguel station south several thousand feet. The project abuts Trabuco Creek, which is occupied by least Bell's vireo, as well as a coastal sage scrub area that could support the California gnatcatcher. Sierra assisted with pre-construction nesting bird surveys. She also performed weekly site checks, biological and construction monitoring, and coordinated with the project contractor to set up nest buffers for active killdeer nests onsite and monitored the nests weekly until young had fledged and the nest became inactive.

CODY FEES

Assistant Project Manager | Biologist



YEARS OF EXPERIENCE
8

YEARS WITH VCS
2

EDUCATION

M.S., Biology (Emphasis on Wetland Restoration and Community Ecology), California State University, Long Beach, 2022

B.S., Biology, California State University, Long Beach, 2017

CERTIFICATIONS

Crotch's Bumble Bee Training with Ken Osborne, August 2023

CRAM Certified, March 2022

AFFILIATIONS

Association of Environmental Professionals (AEP)

Restoration Advisory Board (Seal Beach Naval Base & Seal Beach National Wildlife Refuge, Board Member (January 2025 – Present)

Friends of the Seal Beach National Wildlife Refuge, Member since 2022, President (November 2024 – Present)

Cody Fees is an experienced Biologist and Assistant Project Manager at VCS Environmental (VCS) with extensive expertise in coastal wetland ecology and endangered species monitoring throughout Southern California. His work encompasses comprehensive field research, including stream morphology assessment, wetland data collection, and stormwater bioretention system monitoring. As a member of the Restoration Advisory Board for the Seal Beach Naval Base and National Wildlife Refuge, he evaluates restoration efforts and provides strategic recommendations for ongoing projects. Cody specializes in conducting sensitive species surveys, preparing biological resources reports, and developing environmental documentation in compliance with CEQA and NEPA requirements. His background includes significant research experience in marine habitat restoration, with particular focus on eelgrass beds and Olympia oyster restoration projects.

WETLAND EXPERIENCE

Cody has over 4 years of experience working within coastal wetlands in Southern California conducting research, restoration, and outreach. These wetlands include the Seal Beach National Wildlife Refuge (SBNWR), Magnolia Marsh and Talbert March in Huntington Beach, Upper Newport Back Bay State Marine Conservation Area, Colorado Lagoon, Los Cerritos Wetlands, Malibu Lagoon, Ventura River Estuary, Bataquitos Lagoon State Marine Conservation Area, Los Penasquitos Wetlands, and the San Elijo Wetlands.

Within these systems Cody performed a myriad of surveys to collect data for research including water quality, invertebrate sampling and processing, Submerged Aquatic Vegetation (SAV) surveys, fish seines for diversity and abundance, EDNA sampling, sediment collection and processing, terrestrial vegetation surveys, restoration monitoring, California Rapid Assessment Methods (CRAM) surveys, trash quantification surveys, Harmful Algal Bloom (HAB) surveys, night mammal and avian surveys, small mammal trapping, and pollinator surveys. Cody actively participated in wetland monitoring programs collecting data within these environments for the Southern California BIGHT Program and United States Fish and Wildlife Service through volunteer programs. Endangered/Threatened Species include:

- California Least Tern (*Sternula antillarum browni*): over 20 hours
- Eelgrass (*Zostera marina*): over 120 hours
- Owen's Tui chub (*Siphateles bicolor snyderi*): over 5 hours
- Tidewater goby (*Eucyclogobius newberryi*): over 5 hours
- Belding's savannah sparrow (*Passerculus sandwichensis beldingi*): over 20 hours
- Salt marsh bird's beak (*Chloropyron maritimum* ssp. *Maritimum*-state listed rare): over 10 hours

SELECT PROJECTS

SHOEMAKER BRIDGE REPLACEMENT PROJECT | CITY OF LONG BEACH

The City of Long Beach, in cooperation with Caltrans, will replace the Shoemaker Bridge with a new bridge that will upgrade its structural integrity, increase traffic safety and operations, enhance streetscape on major thoroughfares, address non-standard features and design deficiencies, and expand multi-modal connectivity. Cody conducts the multi-year avian surveys that are being conducted pursuant to the City of Long Beach Migratory Bird Treaty Act Compliance Study.

A certified DBE, SBE & WBE firm

30900 Rancho Viejo Road, Suite 100
San Juan Capistrano, CA 92675
949.489.2700 | vcsenvironmental.com

COLORADO LAGOON | CITY OF LONG BEACH

Cody participated in research and monitoring of transplanted eelgrass beds and ruppia maritima within Colorado Lagoon for the California State University, Long Beach, Wetlands Lab. This project included deployment and retrieval of passive data logger, water quality analysis, eelgrass epiphyte collection, and tracking and monitoring diver efforts during active underwater surveys.

UPPER NEWPORT BACK BAY RESTORATION PROJECT | CITY OF LONG BEACH

Cody's master's degree thesis at California State University, Long Beach was Quantifying Ecosystem Functions Through Fish and Epifaunal Invertebrate Communities in Newport Bay. The restoration goal was to create vital marine habitat of native eelgrass bed and Olympia oyster beds within Upper Newport Back Bay. This involved collection of marine invertebrates, implementation of Baited Remote Underwater Videos (BRUV), eelgrass restoration monitoring, oyster bed restoration monitoring, marine invertebrate collection, and human use surveys. The project involved monitoring the restoration of four distinct sites within Upper Newport Back Bay by collecting data on fish, invertebrate, bird, and human use of the restoration sites within the estuary. Work and monitoring within the estuary occurred on a weekly basis for three years.

EELGRASS BIENNIAL MONITORING – SOUTHERN CALIFORNIA COASTAL WATER RESEARCH PROJECT

Cody has over three years of experience in biennial monitoring of restored eelgrass (*Zostera marina*) beds collecting, density measurements, invertebrate collections, sediment analysis, vertebrate and human use surveys, and mapping of bed growth and movement. Cody also participated in submerged aquatic vegetation surveys at wetlands from Point Conception down to the U.S./Mexico border for the state wetlands monitoring program with Southern California Coastal Water Research Project (SCCWRP).

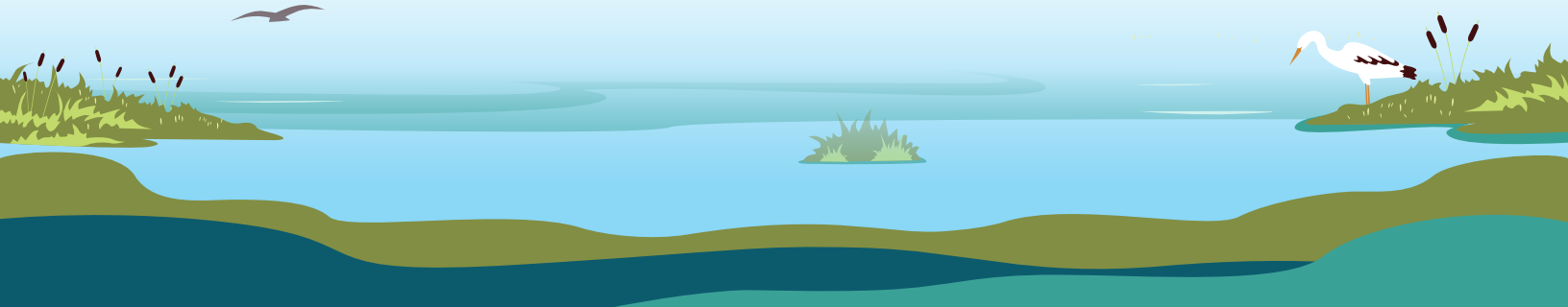
OLYMPIA OYSTER MONITORING PROJECT – SOUTHERN CALIFORNIA COASTAL WATER RESEARCH PROJECT

Cody has over three years of experience in monitoring restored Olympia oyster (*Ostrea lurida*) beds, including collecting density measurements, invertebrate collections, sediment analysis, vertebrate and human use surveys, and mapping of bed growth and movements. Cody has also performed bivalve collection and presence surveys at wetlands from Point Conception down to the U.S./Mexico border. Cody has experience differentiating between native and non-native bivalves in southern California used for state water monitoring and Harmful Algal Bloom (HABs) monitoring programs.

SHADY VIEW RESIDENTIAL PROJECT | CHINO HILLS, CA

The Shady View Residential Project is a 159 single-family residential home development, on approximately 32.2 acres in the City of Chino Hills. Cody conducted burrowing owl and nesting bird surveys across the site before and during vegetation removal and construction activities. Cody provided daily monitoring for the Crotch's Bumble Bee as well as assisting with the focus surveys for the species. Cody also assisted in preparing and writing the Habitat Monitoring and Mitigation Plan for the project and prepares monthly and annual reports related to the mitigation site.

Additional Personnel: GUIDA





BERNIE MCINALLY, PLS
SURVEY PROJECT MANAGER

YEARS OF EXPERIENCE: 36+

YEARS WITH GUIDA: 8+

EDUCATION: B.S., Business Management, University of Phoenix School of Business, Ontario, CA, 2011; A.S., Surveying, Rancho Santiago Community College, 1994; Completion of Local 12 Survey Apprenticeship and Party Chief Programs

PROFESSIONAL REGISTRATION/CERTIFICATIONS: Professional Land Surveyor #7629/CA/2000; Certified JAC Educator, 1999; Transportation Worker's Identification Card (TWIC)

PROFESSIONAL ORGANIZATIONS: California Land Surveyors Association (CLSA); Women's Transportation Seminar (WTS); Construction Management Association of America (CMAA); American Council of Engineering Companies (ACEC); Southern California Association of Civil Engineering and Land Surveyors

UNIQUE QUALIFICATIONS

- ✓ Serves as PIC for On-Call Contracts Across California
- ✓ Providing Resources to Support the Team
- ✓ Emphasis on Local and State Water/Wastewater Projects
- ✓ Extensive Experience Providing Design, Right of Way, and Construction Surveying Services
- ✓ Experienced in Managing Environmentally Sensitive Projects

SUMMARY

Bernie possesses over 36 years of experience providing design, right of way, and construction surveying services. He has served as Principal-In-Charge and Project Manager on numerous public works projects, including on many conservation and restoration projects. His clients have included the California Department of Water Resources, United States Department of Agriculture, Poseidon Resources, Bureau of Reclamation, City of Los Angeles Sanitation and Environment, Metropolitan Water District of Southern California, Riverside County Transportation Commission, San Bernardino Associated Governments, San Diego Association of Governments, Orange County Transportation Authority, Los Angeles County Metropolitan Transportation Authority, California State Parks, National Park Services, US Navy, US Army Corps of Engineers, and National Parks Service, to name a few.

PROJECT EXPERIENCE

Orange County Transportation Authority (OCTA), Property Boundary Surveys for Environmental Mitigation Program | Orange County, CA | Principal-In-Charge: As a prime consultant, under multiple consecutive contracts, GUIDA is providing OCTA with property boundary surveys for the Environmental Mitigation Program. The scope of work includes cadastral research, boundary analysis/determination, legal descriptions and plats, exhibit mapping, property staking, and records of survey.

City of Los Angeles Sanitation and Environment (LASAN), MacArthur Lake Rehabilitation Project | Los Angeles, CA | Principal-In-Charge: This LASAN project, in partnership with the City of Los Angeles Department of Recreation and Parks, is a regional multi-benefit stormwater project at MacArthur Park as part of Los Angeles County's Safe Clean Water Program. As a subconsultant to the prime, GUIDA provided land surveying and mapping services for this project. GUIDA's services included, but were not limited to, establishing field control in multiple locations; collecting 3 storm drain lid's and invert elevations points; capturing 1 slide gate elevation, water lake elevation, and the top of walkway surfaces; capturing only finished floor elevation of the pump station; and providing a raw data file containing point numbers, descriptions, and elevations for all points collected.

Bureau of Reclamation, Salton Sea Species Conservation Habitat Project | Mecca, CA | Principal-In-Charge: This project is the state's first large-scale habitat restoration project which is focused on creating a network of ponds to provide important fish and bird habitats while also suppressing dust emissions to protect regional air quality. As a subconsultant to the prime, GUIDA provided project management and coordination, aerial LiDAR, and topographic surveying for approximately 4,971 acres



of the shoreline of the Salton Sea for project design purposes. The project limits included an aerial LiDAR 50' outside of the project area on the southerly portion of the shoreline of the Salton Sea approximately eight miles westerly of the city of Verdant, California.

Poseidon Resources, Otay River Estuary Restoration Project | San Diego, CA | Principal-In-Charge: The Otay River Estuary Restoration Project (ORERP) will restore approximately 125 acres of coastal wetland and upland habitats at the south end of San Diego Bay within the San Diego Bay National Wildlife Refuge (Refuge). GUIDA's responsibilities involve site control, which includes recovering existing horizontal control and running elevations from benchmarks, verifying existing conditions and setting additional control points, as well as office calculations and field supervision. GUIDA is performing bi-weekly monitoring of settlement points during the construction season and performing monthly monitoring of settlement points during the off-construction season.

United States Department of Agriculture (USDA), San Luis Rey Watershed Planning Project | San Diego County, CA | Principal-In-Charge: The USDA's San Luis Rey Watershed Planning project is a comprehensive initiative aimed at improving water quality and managing the watershed's resources effectively. The watershed spans about 560 square miles in northern San Diego County and includes diverse ecosystems and several federally recognized Tribal Indian Reservations. Key aspects of the project include, but are not limited to, addressing priority water quality conditions and implementing strategies to improve water quality over time; restoring and enhancing habitats within the watershed, including riparian and wetland areas; and infrastructure improvements including constructing levees, drainage ponds, and bicycle trails to manage water flow and provide recreational opportunities. These efforts aim to balance environmental conservation with the needs of the local population, ensuring sustainable use of the watershed's resources. As a subconsultant, GUIDA is providing surveying and mapping services in support of the San Luis Rey Watershed Planning project. Surveying services include aerial photogrammetric mapping and airborne LiDAR, supplemental topographic surveys, control surveys, and bathymetric surveys, if needed.

United States Department of Agriculture (USDA), Hume Lake Project | Fresno County, CA | Principal-In-Charge: GUIDA Provided topographic and LiDAR surveying services to support the deformation monitoring and improvements to Hume Lake Dam in Fresno County, CA. GUIDA prepared a 3D CAD digital surface model (DSM) of Hume Lake dam which provided detail of the downstream face, crest, upstream face to the reservoir surface, and foundation terrain within 50 feet of the dam footprint. The multi-arch concrete dam is approximately 650 feet long, consist of 12 bays, and is 50 feet tall at the tallest bay. The LiDAR data captured by a UAV of the entire dam and ground based LiDAR for portions of the dam. A resultant digital surface model (DSM) was prepared in accordance with client specifications.

San Bernardino County Transportation Authority (SBCTA), On-Call Construction Management Services | San Bernardino, CA | Principal-In-Charge: As a subconsultant to multiple prime teams, GUIDA is providing control surveys, topographic surveys, right of way surveys, monumentation, quality control survey reviews, right of way/temporary construction easement reviews, research, preparation and filing of required maps and records, construction surveys, and as-built surveys. As a subconsultant to WSP under task order 1, Metrolink Active Transportation Program (ATP) – Phase II, GUIDA is providing construction surveying services for improvements at five Metrolink Facilities in San Bernardino County. The project sites include City of Montclair Metrolink Station, City of Upland Metrolink Station, City of Rancho Cucamonga Metrolink, City of Fontana Metrolink Station, and City of San Bernardino Metrolink Station. GUIDA's services include providing construction staking and calculations, grid grades, establishing existing right of way and easements, right of way monumentation, corner records and records of surveys, preservation of existing monumentation, control surveys, and topographic surveys.

Riverside County Transportation Commission (RCTC), On-Call Construction Management Support Services for Non-Rail Capital Projects | Riverside County, CA | Survey Project Manager: On this recently awarded contract, GUIDA is serving as a subconsultant to multiple prime consultant teams providing construction surveying and mapping services for the Riverside County Transportation Commission's On-Call Construction Management Services for Non-Rail Capital Projects contract. Projects under this contract may include, but are not limited to, new interchange projects, existing interchange improvement projects, trail projects, pavement rehabilitation, road resurfacing projects, highway improvement projects, County and/or City roads improvements, and any other non-railroad projects which fall directly under the Commission Capital Project division. GUIDA's services under this contract may include, but are not limited to, providing control surveys, cross-section data collection, topographic surveys, right of way surveys, data surveys, monumentation, construction staking, utility surveys, preparing corner records and records of survey, construction surveys, and drone services.



ROBERT COOK
CERTIFIED PARTY CHIEF

YEARS OF EXPERIENCE: 35+

YEARS WITH GUIDA: 2+

EDUCATION: Santiago Canyon College, Completion of the Southern California Surveyors Joint Apprenticeship Committee Chainman and Party Chief Programs

PROFESSIONAL REGISTRATION/CERTIFICATIONS: N/A

PROFESSIONAL ORGANIZATIONS: N/A

SUMMARY

Robert brings over 35 years of land surveying experience. He is a certified party chief who is experienced in performing all types of land surveying (control, topographic, boundary, right of way, and construction) services on public and private projects, including environmentally sensitive projects.

PROJECT EXPERIENCE

Orange County Transportation Authority (OCTA), Property Boundary Surveys for Environmental Mitigation Program | Orange County, CA | Certified Party Chief: As a prime consultant, under multiple consecutive contracts, GUIDA is providing OCTA with property boundary surveys for the Environmental Mitigation Program. The scope of work includes cadastral research, boundary analysis/determination, legal descriptions and plats, exhibit mapping, property staking, and records of survey.

Bureau of Reclamation, Salton Sea Species Conservation Habitat Project | Mecca, CA | Certified Party Chief: This project is the state's first large-scale habitat restoration project which is focused on creating a network of ponds to provide important fish and bird habitats while also suppressing dust emissions to protect regional air quality. As a subconsultant to the prime, GUIDA provided project management and coordination, aerial LiDAR, and topographic surveying for approximately 4,971 acres of the shoreline of the Salton Sea for project design purposes. The project limits included an aerial LiDAR 50' outside of the project area on the southerly portion of the shoreline of the Salton Sea approximately eight miles westerly of the city of Verdant, California.

San Bernardino Valley Water Conservation District (SBVWCD), Mill, Bledsoe, and Cook Creek Preliminary Engineering and Feasibility Study Support Services | Los Angeles, CA | Certified Party Chief: The project was focused on developing preliminary design plans and providing technical assistance by analyzing potential impacts of future active recharge transfer projects on various pre-identified SBVWCD sites. GUIDA's services on the project included establishing field control, providing topographic surveys, and ground surveys for the Mill Creek basins and diversions sites. Additionally, GUIDA provided ground surveys for the Cook Creek site.

Riverside County Transportation Commission (RCTC), On-Call Construction Management Support Services for Non-Rail Capital Projects | Riverside County, CA | Certified Party Chief: On this recently awarded contract, GUIDA is serving as a subconsultant to multiple prime consultant teams providing construction surveying and mapping services for the Riverside County Transportation Commission's On-Call Construction Management Services for Non-Rail Capital Projects contract. Projects under this contract may include, but are not limited to, new interchange projects, existing interchange improvement projects, trail projects, pavement rehabilitation, road resurfacing projects, highway improvement projects, County and/or City roads improvements, and any other non-railroad projects which fall directly under the Commission Capital Project division. GUIDA's services under this contract may include, but are not limited to, providing control surveys, cross-section data collection, topographic surveys, right of way surveys, data surveys, monumentation, construction staking, utility surveys, preparing corner records and records of survey, construction surveys, and drone services.

Riverside County Transportation Commission (RCTC), SR-91/I-15 Express Lanes Connector | Riverside, CA | Certified Party Chief: GUIDA provided the design-build team with control and surveying services to support the design

of the connector and other improvements. This included mobile LiDAR and terrestrial LiDAR surveys, topographic and utility surveys, and some right of way engineering to support easements within the railroad and flood control right of way. GUIDA is providing the design build team with construction surveys including construction calculations, construction layout, constructability reviews, earthwork surveys, monitoring, and as-built surveys. The connector is estimated to open by 2023.

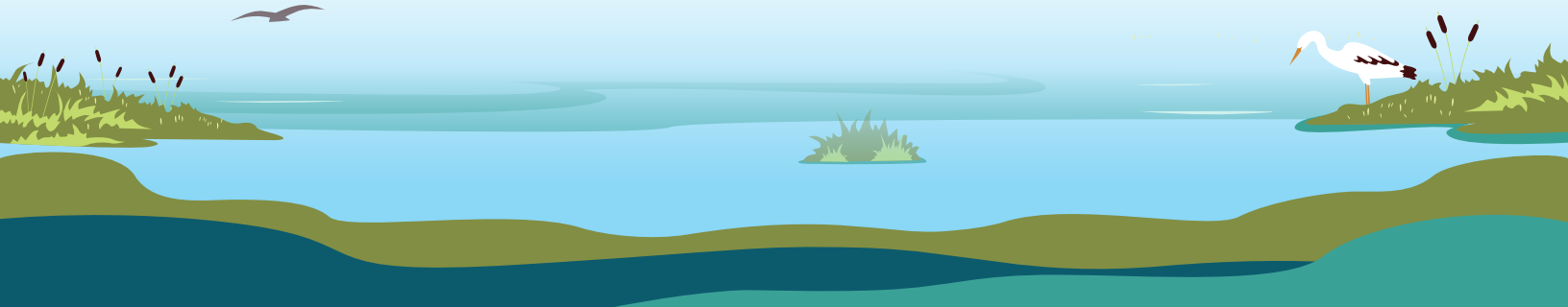
Caltrans District 7, SR-210 ADA Curb Ramp Upgrades (Design-Build) | Los Angeles, CA | Certified Party Chief: The Caltrans District 7 SR-210 ADA Curb Ramp Upgrades project will improve accessibility, enhance safety and mobility for pedestrians with disabilities at various locations within the project limits in order to comply with current Federal and State regulations and the Department's GUIDance on pedestrian accessibility for public use. The project also includes replacing push-button assemblies to current Accessible Pedestrian Signals (APS) system standards. As a subconsultant to the prime, GUIDA is performing supplemental horizontal and vertical control surveys, subsequent mapping and topographic surveys, utility surveys, construction surveys, right of way surveys, and all other land surveying services necessary to complete the project.

Caltrans District 8, Contract No. 08A3230, On-Call Land Surveying Support Services | San Bernardino, CA | Certified Party Chief: Projects under this contract were of varied scope and size and included roadway rehabilitation, widening and/or realignment of existing facilities, relocation of existing facilities, and construction of new facilities. GUIDA's scope of work included control surveys, topographic design surveys, terrestrial and mobile LiDAR surveys, land net surveys, monument preservation and perpetuation and construction surveys in accordance with the Caltrans Surveys Manual, the Caltrans Survey Asset Collection System and other Caltrans technical guidelines. GUIDA supported Caltrans on several task orders by providing control surveys and mobile LiDAR, topographic design surveys and monument preservation surveys. All services under this contract were at the direction of the Caltrans Contract Manager and Caltrans Task Order Manager.

Caltrans District 8, Contract No. 08-1C0814, I-10 Pavement Rehabilitation (Segment 1) Design-Build | Coachella, CA | Certified Party Chief: GUIDA is providing design and construction surveying services for this project located on the I-10 in and near the City of Coachella in the eastern region of Riverside County. This Caltrans project will restore and extend the service life of existing pavement in both the eastbound and westbound directions for minimum pavement life of 40 years, construct a truck-climbing lane in eastbound direction, and install zero-emission vehicle charging stations at the Cactus City Rest Area on both the eastbound and westbound sides. For the design phase, GUIDA's provided project controls, mobile and terrestrial LiDAR, supplemental topographic surveys, and the integration of design data into Caltrans' provided airborne LiDAR and aerial photogrammetric mapping. Currently for the construction phase, GUIDA is providing construction computations, constructability reviews, and construction staking. In addition, GUIDA coordinated and collaborated with a DBE survey consultant, sharing field and office survey tasks, integrating the DBE survey data collected and performing quality control reviews of the DBE consultants work product.

Orange County Transportation Authority (OCTA), SR-55 Improvement Project Between Interstate 405 and Interstate 5 (CM) | Santa Ana, CA | Certified Party Chief: OCTA, in cooperation with Caltrans, is widening SR-55 in both directions from just north of the Interstate 405/SR-55 Interchange to just south of the Interstate 5/SR-55 Interchange in the cities of Santa Ana, Tustin, and Irvine. This project will add another regular lane and a carpool lane in each direction, as well as additional merge lanes which will improve traffic flow and reduce travel time on SR-55, and augment safety by making merging easier. As part of the construction management team, GUIDA is currently providing construction surveying services including survey calculations and adjustments, right of way surveys, horizontal and vertical control surveys, topographic surveys, and monumentation. All survey work performed will conform to the safety provisions of the Caltrans Construction and Survey Manuals.

Additional Personnel: Twining





David Scherer, *Inspector*

David Scherer brings over 22 years of technical expertise in construction to our team. His experience encompasses all aspects of infrastructure construction on both the contractor and testing firm sides. This background enables him to be intimately familiar with all aspects of testing and construction. His expertise is concrete and soils testing and inspection. He has a vast knowledge of construction, plant operations, quality assurance programs, and federal compliance testing.

Overview

In Industry since 2000

Joined Twining in 2014

Education

High School Diploma, Yucaipa High School, Yucaipa, CA

Current Licenses Held

- ACI Concrete Field Technician - Grade I
- Caltrans:105, 125 (AGG), 201, 202, 205, 216, 217, 226, 227, 229, 231, 504, 518, 521, 523.1, 523.2, 524, 533, 539, 540, 543, 556, 557
- ICC Soils
- ICC Prestressed Concrete
- ICC Structural Masonry
- ICC Reinforced Concrete
- Nuclear Gauge
- Hazmat

Project Experience

- Azusa Unified School District, Azusa High School - Fencing/Drainage/Entrance Improvement
- Bridge Point Long Beach
- California Department of Water Resources, Cedar Springs Spillway and Dam, QC Services
- Caltrans 07-1170U4, Route 10, Los Angeles County
- Caltrans 07-1193U4, I-10 HOV, West Covina
- Caltrans 07-215944, Route 5, Norwalk (SPC# 309)
- Caltrans 07-252624 Route 5/14 Interchange, Castaic
- Caltrans 07-304504 Route 57-60 Separation
- Caltrans 08-0J0704, Barton Road/215 Interchange
- Caltrans 09-367404 SR-14 CRCP, Kern County
- Caltrans 11-288834, Route 11-125-905 Construct Concrete Bridge
- Caltrans 11-42750, One Paseo
- Caltrans 12-0K0234, Route 5
- Cedar Springs Underdrain Pipe & Site Improvements, Client Ref #18-09-MD-No. 81
- City of Fontana - Philadelphia Ave at San Sevaine Channel Widening
- City of Huntington Beach, Arterial Rehabilitation on Algonquin St., Delaware St. & Edinger Avenue (CC-1575)
- City of Long Beach, Long Beach Airport Taxiway C
- City of Malibu Traffic Signal & Street Improvement on Route 1
- City of Moreno Valley, Perris Blvd Widening from Ironwood Ave to Manzanita Ave
- City of Rialto, Organic Waste Recycling Facility Project
- City of Santa Clarita, 2019 - 2020 Annual Overlay and Slurry
- City of Santa Clarita 2018 - 2019 Annual Slurry Seal Program



- City of Santa Clarita, 2017 - 2018 Annual Overlay & Slurry Seal Project
- City of Simi Valley, 2017 - 2018 Annual Major Street Rehabilitation
- City of Twenty-Nine Palms, Replace Lift Station No. 5
- Coachella Valley, East Parking Testing & Inspection Services
- County of San Diego County Maintenance Pavement Seal A
- Kaiser Permanente, Moreno Valley Community Hospital CUP K0227 Addition/Upgrade, Increment 1
- Kaiser Permanente, Moreno Valley Community Hospital K0253 D&T Addition - Make Ready #2 Site Improvements
- Kaiser Permanente, Moreno Valley Community Hospital, CUP K0227 Addition Upgrade
- Kaiser Permanente, Moreno Valley Community Hospital, K0130 D&T Expansion
- Kramer Junction Highway Relocation
- Long Beach Airport Taxiway C, Jacobs
- Lower Santa Ana River Channel, Reach 9 BNSF Bridge Protection
- Metro, Purple Line Extension Project Section 2
- OCTA, Lakeview Avenue Railroad Grade Separation Project
- Organic Waste Recycling Facility Project
- POLB, HD-S2368 Pier E Container Yard - Intermodal Railyard Stage 3, Phase 3 Project
- SBCTA, SR 60-Central Avenue Interchange Improvement Project
- SGVCOG, San Gabriel Trench Project
- SGVCOG, Fairway Drive Grade Separation Project
- SGVCOG, ACE Fullerton Road Grade Separation (15-07)
- SR14 Rancho Vista Blvd Measure R Project
- Town of Apple Valley, CM for Route 18 West End Widening Phase 1
- UCR- Parking Structure 1, Project #956553
- USDA, Forest Ranger District Engine Station Relocation
- USDA, Forest Service Administration and Warehouse Building
- USNPS, Joshua Tree National Park Pavement Preservation
- Wincome Group, Westin Anaheim Resort

Project Experience Summaries

- **City of Moreno Valley, Perris Blvd Widening from Ironwood Avenue to Mazanita Ave** This project consisted of widening Perris Boulevard and street improvements in Moreno Valley. Our team provided geotechnical observations, material submittal review and materials testing as needed on the project. David served as an inspector for this project. He is provided soil compaction testing.
- **San Gabriel Trench** The 2.2-mile San Gabriel Trench grade separation project resulted in the lowering of a 1.4-mile section of Union Pacific railroad track in a trench through the City of San Gabriel with bridges constructed at Ramona Street, Mission Road, Del Mar Avenue and San Gabriel Boulevard, allowing vehicles and pedestrians to pass over the tracks. David served as an inspector for this project. He performed soils and compaction testing, as well as concrete testing and inspection.
- **Lakeview Avenue Railroad Grade Separation Project** This project consisted of the reconstruction of Lakeview Avenue as a bridge to allow vehicles to pass over the railroad tracks. Twining performed testing and inspection for this project. David served as an inspector for this project. He was responsible for testing soils and compaction, as well as the testing of concrete.
- **Oltmans Construction Co, Hershey's Warehouse** This project consisted of the construction of the tilt-up warehouse and surrounding parking lot and street. David was responsible for the footing layout, panel layout, grade checking, and elevations.
- **Oltmans Construction Co, Black and Decker Warehouse** This project consisted of the construction of the tilt-up warehouse and surrounding parking lot and streets. David was responsible for grade checking, elevations, lead panel building, footing layout, panel layout, and column template elevations. He worked



closely with the project team to make sure the project was being built according to the relevant specifications.

- **Oltmans Construction Co, Kroger Foods Warehouse** This project consisted of the construction of the tilt-up warehouse and the surrounding streets and parking lot. David was responsible for the footing and panel layout, grade checking and elevations, panel leader crane crew, curb, and gutter layout.
- **Oltmans Construction Co, Stater Brothers** This project consisted of the construction of the tilt-up building and parking lot. David was responsible for grade checking and elevations, footing and panel layout, curbs, and gutter layouts.
- **Alameda Corridor-East Construction Authority, San Gabriel Trench Grade Separation** The 2.2-mile San Gabriel Trench grade separation project will result in the lowering of a 1.4-mile section of Union Pacific railroad track in a trench through the City of San Gabriel with bridges constructed at Ramona Street, Mission Road, Del Mar Avenue and San Gabriel Boulevard, allowing vehicles and pedestrians to pass over the tracks. David serves as an inspector for this project. He performs soils and compaction testing as well as concrete testing and inspection.
- **City of Fullerton, State College Boulevard Grade Separation** The City of Fullerton and OCTA are constructing a vehicle undercrossing at the intersection of State College Boulevard and the Burlington Northern Santa Fe Railway. This project will improve traffic flow and overall safety. David conducts tests and inspections for soils and asphalt for the project.



Michael Heil, *Public Works Inspector*

Michael Heil has more than 15 years of construction inspection experience and led some of Twining's largest inspection projects since 2011. The last seven years, he has acted as a "lead" on large, complex public works quality control projects for end users such as West Basin Municipal Water District and Los Angeles County Metropolitan Transpiration Administration. Michael has also led inspection efforts on some to Twining's most extensive private-sector projects. Holding both an ACI grade 1 certified for civil and structural inspectors and a CWI for mechanical, welding, and piping inspectors, Mike has an overall general knowledge of all work disciplines and will be familiar with construction means and methods for the types of work being performed, as well as quality control.

Overview

Field Technician/Inspector since 2007

Joined Twining in 2007

Education

High School Graduate

Current Licenses Held

- ACI Concrete Field Testing Technician – Grade I
- AWS Certified Welding Inspector
- ICC Structural Steel and Bolting
- ICC Soils
- ICC Reinforced Concrete
- ICC Spray Applied Fire
- ICC Structural Masonry
- ICC Structural Welding
- LA City Concrete
- LA City Drilled in Anchors
- LA City Steel
- LA City Grading
- LA City Sprayed Fire-Resistant Materials
- OSHA 10-Hour Safety

Technical Capabilities

- Materials Sampling
- Concrete
- Welding
- Structural Steel
- Masonry



Project Experience

- University of California, Irvine, Irvine Campus Medical Complex, Central Plant Increment 2
- University of California, Irvine, Irvine Campus Medical Complex, CLINIC
- University of California, Irvine, Irvine Campus Medical Complex, Medical Tower
- University of California, Irvine, Irvine Campus Medical Complex, Central Plant Increment 3
- University of California, Irvine, Irvine Campus Medical Complex, Parking Structure 1
- City of Hope, CUP Realignment
- Kaiser Permanente, Baldwin Park Medical Center 10035791 HVAC Upgrade AHU 11-14, L0085-0102
- Kaiser Permanente, CSC Parking Structure Safety Upgrade
- Kaiser Permanente, Ontario Medical Center NICU Expansion
- Los Angeles Unified School District, Grant High School Comprehensive Modernization Package 4
- Los Angeles County Metropolitan Transportation Authority, Airport Metro Connector AMC Transit Station 96th Street Station
- Murphy's Bowl and Arena
- Russell Hall Replacement
- Los Angeles Stadium PV at Hollywood Park
- Kaiser Permanente, Baldwin Park Medical Center HVAC Upgrade AHU 8-10 (
- Kaiser Permanente, Baldwin Park Medical Center MLF Administrative Lease at 4900 Rivergrade Road
- Santa Monica College, Malibu Campus/Sheriff Substation Phase II
- LA Stadium DAS Parking Lot Trenching
- LA Stadium Pincay
- Providence Tarzana Medical Center, Parking Structure
- Providence Tarzana Medical Center, Building 3 Structural Retrofit, Make Ready
- Century Plaza Hotel Renovation
- 3849 Atlantic Ave. Commercial Building 2
- Universal Studios Hollywood, Water World Tech Area
- Green Omni Terminal Project- Port of LA
- Epic Office Building
- NBC Universal, Starway Expansion 2017 (PLA)
- NBC Universal, Mummy Expansion 2017 (PLA)
- City of Calabasas Lost Hills Overcrossing
- Los Angeles County Department of Public Works, Aviation Blvd
- Morningside Park Vista
- Agua Hedionda Sewer Lift Station
- Santa Monica Community College, PAC East Wing Renovation
- University of California, Los Angeles, Teaching & Learning Ctr for Health Sciences
- Residential Street Rehabilitation Project Phase II, Area 2 & 6
- Countywide Slurry Seal Resurfacing Fiscal Year 2015-2016
- City of Torrance, Slurry Seal Project
- Westside Purple Line Extension Project, Section 1
- University of California, Los Angeles, Luskin Conference & Guest Center
- Universal Studios Hollywood Project 384
- University of California, Los Angeles, Luskin Conference & Guest Center
- Pio Pico Energy Center Project
- Kaiser Permanente, South Bay Medical Center Replace AH-4, AH-6 & SF-4
- Kaiser Permanente, San Diego Central Hospital-Patient Tower
- Kaiser Permanente, San Diego Central Hospital Parking Structure
- Boeing, Building 52 AHU Replacement
- San Bernardino City Unified School District, H. Frank Dominguez Elementary School
- Disney, Backlot Trades Consolidation Phase 1



- Kaiser Permanente, Los Angeles Medical Center Phase 2 Hospital Rebuild
- JAF Theater Restoration Mock-Ups
- Kaiser Permanente, South Bay Medical Center Replacement Hospital
- City of Long Beach, Belmont Shore Temporary Pool
- City of Hope, Renovate Wing 1
- Port of Long Beach, Pier E Terminal Container Yard/Intermodal Railyard Phase 1
- West Basin, Edward C. Little Water Recycling Facility
- Kaiser Permanente, Anaheim Hospital Geotechnical
- Los Angeles Community College District, LA Harbor College: Science Complex
- Philadelphia Gear Building
- Kaiser Permanente, Anaheim Med Center AMC Replacement Increment 1

Project Experience Summaries

- **MTA Mid-City Exposition Light Rail Transit, Los Angeles, CA** This project is one of the newest extensions of the 62-station Metro Rail system with an estimated construction value of \$630 million. Construction of the rail line is primarily at-grade, but also includes undercrossings and aerial sections and approximately 10 stations. Mr. Heil served as an inspector for this project. His daily duties consisted of the testing and inspection of concrete including the fabrication of beams.
- **Kaiser Anaheim Medical Center, Anaheim** This project consists of constructing a new six story, 433,000 square foot, 262 bed replacement hospital. Mr. Heil serves as an inspector for this project. His responsibilities and duties include concrete and soils sampling and testing, structural steel inspection, fireproofing, and welding.
- **Caltrans 08-472214 Route 15, San Bernardino** This rehabilitation and widening project consisted of median paving, bridge widening, construction of a new median barrier, shoulder/ramp rehabilitation, and pavement rehabilitation. The pavement rehabilitation includes twelve mile twelve lane replacement, random slab replacements, and repaving. Mr. Heil served as a field technician for this project. His responsibility was the sampling and testing of the concrete.
- **Caltrans Contract 07-183114: Route 710 Rehabilitation, Los Angeles, CA** The I-710 Long Life Pavement Rehabilitation project is a \$295 million rehabilitation of one of California's heaviest traveled highways The project consists of over 500,000 tons of HMA of varying types to accommodate the heavy loading. Mr. Heil served as an inspector/field technician for this project. His job was to sample and test the concrete for this project.
- **MTA Mid-City Exposition Light Rail Transit, Los Angeles, CA** This project is one of the newest extensions of the 62-station Metro Rail system with an estimated construction value of \$630 million. Construction of the rail line was primarily at-grade, but also included undercrossings and aerial sections and approximately 10 stations. Mr. Heil served as an inspector for this project. His daily duties consisted of the testing and inspection of concrete including the fabrication of beams.
- **Westside Purple Line Extension Project, Section 1** The \$1.6-billion extension will extend 3.9 miles, from Western Avenue to La Cienega Boulevard, all underground below Wilshire Boulevard. There will be new stations at Wilshire/La Brea, Wilshire/Fairfax, and Wilshire/La Cienega. At stations, construction will be cut-and-cover construction, with underground tunnel-boring construction connecting them. Mike served as a generic inspector.
- **Caltrans 08-472214 Route 15, San Bernardino** This rehabilitation and widening project consisted of median paving, bridge widening, construction of a new median barrier, shoulder/ramp rehabilitation, and pavement rehabilitation. The pavement rehabilitation includes twelve mile twelve lane replacement, random slab replacements, and repaving. Mr. Heil served as a field technician for this project. His responsibility was the sampling and testing of the concrete.
- **Caltrans Contract 07-183114: Route 710 Rehabilitation, Los Angeles, CA** The I-710 Long Life Pavement Rehabilitation project is a \$295 million rehabilitation of one of California's heaviest traveled highways The project consists of over 500,000 tons of HMA of varying types to accommodate the heavy loading. Mr.



Heil served as an inspector/field technician for this project. His job was to sample and test the concrete for this project.

- **University of California, Los Angeles, Luskin Conference & Guest Center** Funded in part by a generous gift from two alumni and longtime supporters, the Meyer and Renee Luskin Conference and Guest Center will allow UCLA to compete with other universities for major academic conferences that connect faculty, researchers and students with scholars from around the world to exchange ideas and elevate debate on some of society's greatest challenges. Centrally located near UCLA campus icons like Pauley Pavilion and Ackerman Student Union, the state-of-the-art center will include 25,000 square feet of meeting space and 250 guest rooms. Michael provided masonry, welding, soils, and asphalt inspections for this project.
- **Pio Pico Energy Center Project** The Pio Pico Energy Center is a simple-cycle power generation project that consists of three General Electric LMS100 natural gas-fired combustion turbine generators. The total net generating capacity would be 300 megawatts, with each CTG capable of generating 100 megawatts. Michael served as a concrete inspector and performed certified welding inspections.
- **Kaiser Anaheim Medical Center, Anaheim** This project consists of constructing a new six story, 433,000 square foot, 262 bed replacement hospital. Mr. Heil serves as an inspector for this project. His responsibilities and duties include concrete and soils sampling and testing, structural steel inspection, fireproofing, and welding.
- **Kaiser - SDCH-Patient Tower E0138** The hospital will be a full-service general acute care hospital that will accommodate 450 beds (build-out). In addition to the inpatient nursing functions, the hospital would include ancillary services, such as medical imaging/radiology, clinical laboratory and blood bank, operating rooms and associated recovery spaces, inpatient pharmacies, and an emergency department which would have associated treatment rooms. The hospital would also include administrative offices and conference rooms, as well as general building support departments such as environmental and material services, cafeteria and inpatient food services, communication, linen, and biomedical engineering. Michael performed concrete inspections, shop duties, ultrasonic testing, certified welding inspections, and served as a generic inspector.
- **NBC Universal P384** As part of a new ride at Universal Studios, Twining is providing geotechnical engineering services as well as materials testing and deputy inspection services. Mr. Guilherme provided asphalt inspection services on this project.
- **Kaiser SDCH Parking Structure, San Diego** For the construction of this parking structure at Kaiser San Diego, Mr. Guilherme served as a quality control inspector. He performed testing and inspection of the concrete used in the construction.
- **Legends Project Development, YouTube Theater Performance Venue** The project included the construction of a 6,000-seat performing arts venue, food and drink vendor space, luxury boxes, loading docks, ticketing offices, backstage dressing rooms, restrooms, associated utility rooms, and storage areas. Michael served as the lead inspector. He interfaces with the client and members of the project team to seamlessly coordinate Twining services.
- **LAWA, LAMP-CORES-RSX** LAWA's massive utilities and Landside Access Modernization Program (LAMP) enabling projects program includes utility relocations, demolition of existing facilities, roadway improvements, and other enabling infrastructure improvements. The project's goal is to relieve congestion for people traveling to and from LAX. It encompasses four major elements: an elevated, 2.25-mile Automated People Mover (APM); Two Intermodal Transportation Facilities, (ITF); a Consolidated Rental Car facility (CONRAC); and a comprehensive series of roadway. Twining provided testing and inspection services. Michael provided inspection services.
- **RSCCD, Russell Hall Replacement (Health Sciences)** The Russell Hall Replacement (Health Sciences) project, located at Santa Ana College, is an approved, state-funded project and includes the construction of a new three-story health sciences building. The new 55,563 square foot building will allow for the consolidation and growth of the Health Sciences programs including nursing, occupational therapy technology, emergency medical services, pharmacy technology, offices, general classrooms, two large lecture halls with over 150 seats, and associated support spaces. The building will be located south of the existing Library and north of the new Science Center. Michael served as an inspector.



- **NBC Universal, Starway Expansion** This project consisted of expanding and upgrading the current stairway. The scope of the project included adding an additional escalator and upgrading the existing three sets. Twining provided material testing and inspection services. Michael served as the lead inspector, and covered concrete inspections required.
- **University of California, Los Angeles, Luskin Conference & Guest Center** Funded in part by a generous gift from two alumni and longtime supporters, the Meyer and Renee Luskin Conference and Guest Center allows UCLA to host major academic conferences that connect faculty, researchers, and students with scholars from around the world to exchange ideas and elevate debate on some of society's greatest challenges. Centrally located near UCLA campus icons like Pauley Pavilion and Ackerman Student Union, the state-of-the-art center includes 25,000 square feet of meeting space and 250 guest rooms. Michael provided masonry, welding, soils, and asphalt inspections during construction.
- **Port of Long Beach, Pier E Terminal Container Yard/Intermodal Railyard Phase 1** This \$158,500,000 project is an integral component of the Port's Middle Harbor Program, which involved connecting and upgrading two existing shipping terminals and constructing them into one unified, fully automated terminal. Twining provided materials testing and inspection. Michael provided certified welding inspections in the fabrication shop.



Tim Tavernetti, *Inspector*

Tim Tavernetti brings over 27 years of technical experience to Twining. A multi-certified inspector, his professional experience includes materials testing and inspection of asphalt, concrete, and soils.

Overview

In the Industry since 1995

Joined Twining in 2020

Current Licenses Held

- ACI Concrete Field Technician – Grade I
- ICC Reinforced Concrete Special Inspector Associate
- ICC Soils Special Inspector
- Twining Nuclear Gauge

Project Experience

- Los Angeles Stadium, NFL Media Studio & Parking
- Los Angeles Stadium, Pincay
- Metro Purple Line Extension Project Section 2 Design Build
- Metro Purple Line Extension, C45161C1152 Section 3
- USPS Processing and Distribution Centers Expansion
- Wilson Meany, Hollywood Park Retail District
- Wilson Meany, Hollywood Park/Parking Structure

Project Experience Summaries

- **Pincay Re, SoFi Stadium Site Work** SoFi Stadium and Hollywood Park, currently under construction in Inglewood, CA, is a 298-acre sports and entertainment destination. The project features substantial site work and grading to accommodate the stadium, mixed-use development, and accompanying public green spaces and water retention features. Twining is providing materials testing and inspection of the grading activities in support of the overall development. Tim is serving as a soils inspector.
- **Wilson Meany, Hollywood Park Retail District** Adjacent to the new SoFi stadium, Hollywood Park is 238-acre mixed-use, master-planned neighborhood that will include thousands of apartments, townhomes and homes; a luxury hotel; a revitalized casino; retail and restaurant districts; state-of-the art office space; and large swaths of open space. Tim is serving as a soils inspector.
- **Topaz Solar, Topaz Solar Farm*** The project consisted of the 15-square-miles of grading and featured utility trenching and backfill and the construction of a two-story collection vault, roadways, and a substation. Tim served as the lead inspector and client point of contact over the course of this year-long project and provided testing, inspection, and demolition observation.
- **Los Angeles County Public Works/Par Electric, Tehachapi Renewable Transmission Project*** This project consisted of the construction of a series of new and upgraded high-voltage electric transmission lines and substations capable of carrying 4,500 megawatts of electricity from renewable and other generators in Kern County south to San Bernardino County. The project featured concrete and grout sampling, grading for tower pads, mechanically stabilized earth walls and condition restoration. Tim served as the lead inspector and on this three-year project and oversaw the grading for tower pads and roads, pull testing of micropile anchors, and provided part-time geology mapping.
- **Rancho Santiago Community College, Multiple Projects*** Tim served as an inspector on multiple projects for the District, including the construction of three buildings and a maintenance operations structure, other projects included extending sidewalks, stairs and enlarging a parking lot. Tim observed and tested soil, concrete, and asphalt on this year and a half upgrade to the campus.



- **Orange County Sanitation, Huntington Beach Sanitation Upgrade*** The year and a half long project doubled the capacity of an existing sewer treatment plant. Tim served as an inspector and provided foundation and grading soils compaction testing quality control testing for contractor J. F. Shea.
- **Bolsa Chica Wetland Restoration*** Tim provided grading testing, concrete and reinforcing steel placement observation on the Pacific Coast Highway Bridge.
- **The Korte Company, USPS P&DC Expansion*** Provided continuous observation and testing during the preparation of the building pad for a mail processing facility. Testing consisted of nuclear gauge testing and sand cone testing to check dry density, moisture and compaction of fill materials placed. Ensured fill soils met the project specifications during placement of fill and performed observations of shallow footing excavations for the new building. Also performed compaction testing for the driveways and truck-trafficked entrances and loading dock. Tim is providing soils inspection services.

**Experience with previous firm*



Eduardo Luna, *Special Inspector*

Eduardo Luna brings over 4 years of technical experience to Twining. His experience encompasses all aspects of testing and inspection with special emphasis in soils.

Overview

In the Industry since 2018

Joined Twining in 2021

Current Licenses Held

- Caltrans 105, 125 AGG, 125 GEN, 125 HMA, 201, 202, 205, 216, 217, 226, 227, 229, 231
- Nuclear Gauge

Project Experience

- CenterCal Properties, 2nd & PCH Long Beach
- City of Downey, Telegraph Road Traffic
- City of Santa Clarita Annual Overlay, 2020 – 2021
- Fairway Drive Grade Separation Project
- Kaiser, Baldwin Park Medical Center 10035891 CUP SEP Upgrade Underground Fuel Tank
- Long Beach Community College, Kinesiology Lab & Aquatics Center
- Los Angeles County Sanitation District, Temporary On-call Services

Project Experience Summaries

- **City of Downey, Telegraph Road Traffic Enhancements, Phase II**
The project proposes to provide mobility, capacity, safety, and beautification enhancements along Telegraph Road, including intersections along the street. In addition, the project will sustain an acceptable level-of-service along the street corridor and associated intersections through 2035. Twining is providing material testing and inspection services. Eddie is providing soil and asphalt inspections.
- **City of Industry, Fairway Drive Grade Separation Project**
The Fairway Drive Grade Separation Project will lower Fairway Drive under the two existing Union Pacific Railroad (UPRR) and Metrolink tracks in the City of Industry and unincorporated area of Los Angeles County, immediately north of the 60 Freeway. Plans call for constructing a four-lane roadway underpass and a new four-track railroad bridge. Business Parkway and Walnut Drive North will be lowered at their intersections with Fairway Drive. Twining is providing material testing and inspection services. Eduardo is providing soil inspections.
- **City of Downey, Telegraph Road Traffic Throughput and Safety Enhancements Project, Phase II**
The project proposes to provide mobility, capacity, safety, and beautification enhancements along Telegraph Road, including intersections along the street. In addition, the project will sustain an acceptable level-of-service along the street corridor and associated intersections through 2035. Twining is providing material testing and inspection services. Eduardo is providing soil and asphalt inspections.
- **Kaiser Permanente, CUP SEP Underground Fuel Tank Upgrade**
The project involves upgrades to the Standby Emergency Power (SEP) Utility Power Underground Fuel Tank in Kaiser Permanente's Baldwin Park Medical Center. Twining is providing materials testing and inspection services for soils, concrete, masonry, fireproofing, shop fabrication, epoxies, and anchors. Eddie is providing soils inspections.



- **LACSD, On-Call Services**

Twining was retained to provide temporary on-call inspection services to District Number 2 in 2018. In 2019, Twining was awarded a three year On-Call contract for construction inspection, special inspection, and materials sampling and testing services. Eddie is providing soils inspections.

- **OCTA/OHL, OC 405 Project ***

This project included the expansion of the 405 highway. Eduardo served as a soils inspector for this project.



SYRUSA Engineering, Inc.

255 W. Central Avenue
Suite 204
Brea, California 92821



SCOPE OF WORK FOR THE SOUTHERN LOS CERRITOS WETLANDS RESTORATION PROJECT			
APPROACH TO TASKS	DELIVERABLES	POTENTIAL RISKS	RISK MITIGATION STRATEGIES
Task 1: Preconstruction Phase Services			
<u>Subtask 1.1: Biddability and Constructability Review</u>			
Project Phasing – If applicable, propose recommended separate bid line item(s) and/or bid work breakdown structure to identify the adequacy of the bidders' intent to facilitate the necessary phasing requirements especially as it pertains to	Constructability matrix with all findings and action items.	Potential design flaws or overlooked site conditions.	Ensure that the design is feasible to construct and that bidding documents are clear, reducing potential contractor disputes or change orders
Project Scoping – Check for clear identification of project limits	Review project footprint and easements.	Securing new Right of Way, Temporary Construction Easements, and permits.	Conduct detailed reviews of design documents to identify potential ambiguities or conflicts.
Utility and substructure conflicts/coordination check – Check construction notes and proposed improvements against bid items and bid item descriptions and identify and resolve apparent inconsistencies and/or gaps. Ensure that the work proposed to be performed by utility companies/owners are compatible with the work proposed to be performed by the Contractor.	Review bid documents in compliance with project documents.	Securing adequate funding and budget control.	Develop recommendations to refine designs for clarity and ease of implementation.
<u>Subtask 1.2: Review of Cost Estimates and Construction Schedule</u>			
Perform a peer review of the design team and third-party cost estimates and identify resolutions to potential conflicts between the two estimates.	Verify the accuracy of cost estimates and feasibility of the proposed construction schedule.	Securing adequate funding and budget control.	Cross-check unit costs with industry standards and recent market trends.
Develop a draft Critical Path Method (CPM) Schedule based on the 100% Construction Documents Design Submittals, concurrent with the B/C reviews detailed above.	Review detailed CPM schedule developed by SYRUSA.	Schedule delay or additional cost.	Validate schedule dependencies to ensure that tasks are logically sequenced.
<u>Subtask 1.3: Final Construction Documents QA/QC</u>			
Perform a complete review of the Final Construction Documents assuring that all documents are consistent and prepared at a high level of professional quality.	Ensure that final construction documents meet quality and compliance standards.	Schedule delay or additional cost.	Implement a multi-tiered quality review process involving technical experts.
Provide all revisions and comments to the Design Team within 5 working days.	Constructability matrix with all findings and action items.	Schedule delay or additional cost.	Cross-reference documents with regulatory requirements and project specifications
<u>Subtask 1.4: Construction Contractor RFP Development</u>			
Development of a construction contractor RFP.	Draft RFP language that clearly outlines scope, deliverables, and evaluation criteria. Include technical details (e.g., intertidal habitat construction).	Miscommunication of roles and expectations.	Clear documentation of roles and responsibilities.
Host on-site meetings with potential contractors as necessary.	Include pre-bid meeting details to address contractor questions upfront.	Miscommunication of roles and expectations.	Aggressive outreach to construction industry, so many contractors attend for best bids.
Assist the Design Team and the Project Management team with development of a Request for Proposals for the Construction Contractor.	Develop a comprehensive RFP that attracts qualified contractors and ensures competitive bids.	Miscommunication of roles and expectations.	Clear documentation of roles and responsibilities.

APPROACH TO TASKS	DELIVERABLES	POTENTIAL RISKS	RISK MITIGATION STRATEGIES
<u>Subtask 1.5: Preconstruction Phase Services Meetings</u>			
Upon receipt of an NTP, the CM shall begin to attend Design Team Meeting held every Wednesday from 12-1pm.	Schedule regular coordination meetings to track progress and resolve issues	Miscommunication and potential delays.	Request meeting agenda and be prepared for weekly meeting.
Coordinate and facilitate Plan review meetings in conjunction with the 100% B/C review and Final construction document review.	Facilitate discussions to address design challenges and construction strategies.	Miscommunication and potential delays.	Request meeting agenda and be prepared for meeting.
Participate in design review, permit plan check coordination, steering committee meetings, and other Project related meetings on an as-needed basis.	Develop action item lists and distribute detailed minutes after each meeting.	Miscommunication and potential delays.	Request meeting agenda and be prepared for meeting.
Task 2: Construction Phase Services			
<u>Subtask 2.1: Bid Phase Assistance</u>			
Coordinate with the LCWA Project Management Team to establish advertising dates and arrange pre-bid meetings and bid opening dates.	Support the owner in managing the bid process and ensuring transparency.	Schedule delay or additional cost.	Establish good working relationship and communication with LCWA PM Team.
Assist with coordinating Bid advertisement in appropriate publications and online contractor bid announcement services, including directly contacting pre-qualified contractors to encourage and confirm their participation in the bid.	Assist in pre-bid advertisement to clarify project requirements	Schedule delay or additional cost.	Provide sample language and contractor list to assist advertisement.
Organize and host Pre-Bid meetings and assist with answering bidder questions.	Assist in pre-bid meetings to clarify project requirements	Schedule delay or additional cost.	Prepare agenda. Clear documentation of roles and responsibilities.
Coordinate addenda to construction documents as necessary.	Respond to contractor questions and issue addenda as needed.	Schedule delay or additional cost.	Provide recommendations for addenda.
As necessary, assist with coordination with the LCWA and other affected agencies / agencies having jurisdiction.	Coordination with LCWA and agencies.	Schedule delay or additional cost.	Establish good working relationship and communication with LCWA and agencies.
Assist with public relations/public outreach activities, as needed.	Assist with outreach efforts.	Schedule delay or additional cost.	Provide technical support to outreach team. Provide subject matter experts as needed.
Assist with the development of responses to bidder questions during the bidding period.	Provide responses to bidder inquiries.	Schedule delay or additional cost.	Visit the site and verify contractual documents to provide accurate and timely responses.
Conduct reference checks on the highest scoring bidder and listed subcontractors.	Reference checks.	Schedule delay or additional cost.	Provide thorough reference checks for prime and subcontractors.
Check state licenses of bidders and sub-bidders.	Review bid documents in compliance with project documents.	Schedule delay or additional cost.	Thorough review of contractual documents. Addressing changes quickly and resolving at the lowest cost.
Review insurance and bonds for compliance with Contract Documents.	Review and verify contractor bonding, insurance, and licensing documentation.	Schedule delay or additional cost.	Thorough review of contractual documents. Addressing changes quickly and resolving at the lowest

APPROACH TO TASKS	DELIVERABLES	POTENTIAL RISKS	RISK MITIGATION STRATEGIES
Compile bid analysis:	Evaluate submitted bids for compliance and completeness.	Schedule delay or additional cost.	Thorough review of contractual documents. Addressing changes quickly and resolving at the lowest cost.
• Tabulate all bids with a detailed breakdown with comparison to latest construction estimate;	Accurate bid analysis.	Schedule delay or additional cost.	Thorough review of contractual documents. Addressing changes quickly and resolving at the lowest cost.
• Identify apparent unbalancing within bids;	Accurate bid analysis.	Schedule delay or additional cost.	Thorough review of contractual documents. Addressing changes quickly and resolving at the lowest cost.
• Identify apparent missing items;	Provide support and recommendation for successful award.	Schedule delay or additional cost.	Thorough review of contractual documents. Addressing changes quickly and resolving at the lowest cost.
• Assist with addressing minor omissions or administrative issues as approved by the LCWA; and	Resolve omissions and issues.	Schedule delay or additional cost.	Thorough review of contractual documents. Addressing changes quickly and resolving at the lowest cost.
• Repeat the above steps for the next bidder if numerically highest scoring bidder appears to be unresponsive or unresponsive.	Resolve omissions and issues.	Schedule delay or additional cost.	Thorough review of contractual documents. Addressing changes quickly and resolving at the lowest cost.
Assist with compiling recommendations to award the successful bidder:	Award package recommendation.	Schedule delay or additional cost.	Thorough review of contractual documents.
• Make recommendations for confirmation of the lowest responsive and responsible bidder with a detailed basis, particularly if the as-bid numerically low bidder is not recommended.	Recommendation to not award.	Schedule delay or additional cost.	Thorough review of contractual documents.
• Assist in the preparation of staff reports for the LCWA Board contract awards.	Staff Reports	Schedule delay or additional cost.	Accurate and timely staff reports.
<u>Subtask 2.2 – Contract Award/Execution Support</u>			
Attend the LCWA Board Meeting for the award of the Construction Contract and be prepared to answer questions for the Board.	Attend with answers to questions.	Award delay or additional cost	Support the LCWA in managing the bid process and ensuring transparency.
Assist with coordinating Contractor documentation requirements to support execution of the Contract.	Prepare contract award recommendations based on bid evaluations	Contract Execution delay or additional cost	Coordinate with the Contractor to support the LCWA.
Assist with expediting Contract Execution by the parties.	Support negotiations to finalize terms with the selected contractor	Contract Execution delay or additional cost	Support the LCWA in expediting Contract Execution.
<u>Subtask 2.3 - Construction Management and Inspection</u>			
<u>General Construction Management:</u>			
Establish the Construction Manager (CM) as the primary contact and construction project team leader.	Assign a dedicated construction manager to oversee daily operations.	Schedule delay or additional cost.	Assign a CM, supported by a PM and quality oversight by a QM.

APPROACH TO TASKS	DELIVERABLES	POTENTIAL RISKS	RISK MITIGATION STRATEGIES
Provide overall coordination and management of quality assurance, coordination and collaboration with project stakeholders, monitoring and confirmation of safe practices, budget and schedule management, coordination of environmental compliance, project expediting and claims avoidance, contract administration, and monitoring and coordination of mitigations monitoring requirements.	Conduct regular site inspections to monitor progress and address issues proactively. Maintain detailed project logs and prepare weekly reports for stakeholders.	Schedule delay or additional cost.	Work with the Contractor for a successful project delivery.
Protocol and decorum	Qualified and professional team.	Miscommunication and potential delays.	Establish professional and collaborative working relationship and communication with project stakeholders.
Project Safety	Zero incident project.	Safety Incident.	Daily site safety inspections. Safety oversight by SYRUSA's PM and Quality Manager.
Construction Site Public Relations	Public inquiry log with responses.	Miscommunication and upset public.	Establish good working relationship and communication with LCWA PM Team.
Project Construction Meetings	Conduct all meeting. Prepare and distribute agenda and minutes.	Communication gaps. Issue resolution. Schedule delays. Quality issues. Budget overrun.	Coordinate prior to any meeting with LCWA PM Team.
Conduct construction progress / coordination meet	Conduct all meeting. Prepare and distribute agenda and minutes.	Communication gaps. Issue resolution. Schedule delays. Quality issues. Budget overrun.	Coordinate prior to any meeting with LCWA PM Team.
Project Documents Control	Doc Control filing, tracking and reports.	Communication gaps. Issue resolution. Schedule delays. Quality issues. Budget overrun.	A project Office Engineer will be responsible for all project document control.
Document Tracking System	Job records kept online and hard copy using Caltrans UFS.	Communication gaps. Issue resolution. Schedule delays. Quality issues. Budget overrun.	Use the Caltrans Universal Filing System (UFS), keep online and hard copy records.
Submittal Processing	Process and monitor the status of submittals. Submittal tracking will be introduced into Procore and status of submittals will be known at all times.	Cost increase or schedule delay and/ or cost increase due to submittal delays.	Continuous logging and tracking, so all timelines are met by responsible party. The CM will review the completeness and quantity of all required shop drawings, RFIs, mix designs and materials and other submittals received during the construction phase.

APPROACH TO TASKS	DELIVERABLES	POTENTIAL RISKS	RISK MITIGATION STRATEGIES
Materials Control	All material test results will be provided in accordance with the Contractual Documents and test methods. Failing tests will be immediately reported to the Construction Manager.	Unforeseen site conditions, such as unexpected soil composition or moisture levels, that could impact planting and landscape installation.	Conduct thorough Preconstruction site assessments to identify potential issues. Develop and implement a contingency plan for handling unforeseen site conditions. Ensure that the contractor has a clear understanding of the site conditions and any potential risks before commencing work.
Schedule Review	Baseline CPM.	Schedule delays, time related overhead, claims.	The schedule shall not be recommended for approval as the baseline until all discrepancies are resolved.
Schedule Control:	Monthly CPM updates Prepare a written report with a complete analysis of the construction progress, changes that may affect the critical path and will be discussed at the weekly progress meetings	Schedule delays, time related overhead, claims.	Proactively look ahead of the operations to identify issues that can adversely affect cost and make every effort to provide solutions. Review the Contractor's three-week look ahead schedule verify start and end dates of activities and compare to the monthly update.
Requests For Information (RFIs)	Track, respond and distribute RFIs.	Schedule delays, time related overhead, claims.	Resolve issues at the lowest level. Provide timely and accurate responses to RFIs.
Problem Solutions	Resolve and communicate project issues.	Schedule delays, time related overhead, claims.	Proactively resolve issues at the lowest level. Provide timely and accurate responses to issues.
Interpretation and Technical Assistance	Resolve and communicate project technical issues.	Schedule delays, time related overhead, claims.	Proactively resolve issues at the lowest level. Provide timely and accurate responses to technical issues.
Written Instructions	Written communication to the contractor.	Schedule delays, time related overhead, claims.	Document all conversations. Respond in writing to the contractor.
Progress Payment Processing	Monthly pay estimate and Project Summary Reports. Prepare a written report with a complete analysis of the construction progress, changes that may affect the critical path and will be discussed at the weekly progress meetings	Schedule delays, time related overhead, claims.	Proactively look ahead of the operations to identify issues that can adversely affect cost and make every effort to provide solutions. Review the Contractor's three-week look ahead schedule verify start and end dates of activities and compare to the monthly update.
Cashflow Management	Monthly Project Summary Reports. Prepare a written report with a complete analysis of the construction progress, changes that may affect the critical path and will be discussed at the weekly progress meetings	Schedule delays, time related overhead, claims.	Proactively look ahead of the operations to identify issues that can adversely affect cost and make every effort to provide solutions. Review the Contractor's three-week look ahead schedule verify start and end dates of activities and compare to the monthly update.

APPROACH TO TASKS	DELIVERABLES	POTENTIAL RISKS	RISK MITIGATION STRATEGIES
Change Management	We will compile the monthly project costs. We will monitor all site records of events, for potential claims or delay issues. Our team will assemble a complete “issue binders.”	Change order request and claims with no merit to make up cost.	We will hold the contractors to providing the documents in the scope of work that was bid, without generating unnecessary changes to increase the project cost. We will guard LCWA’s resources, respond rapidly to changing job conditions and issues, and work closely with staff in monitoring our project budgets.
Claims Resolution	Determine merit to claims and provide responses.	Claims with no merit	We will hold the contractors to providing the documents in the scope of work that was bid, without generating unnecessary changes to increase the project cost.
Coordination of Environmental Compliance	Communicate regularly with LCWA's Environmental Compliance team and ensure on-site personnel have completed required trainings.	Project shutdown, Schedule delay or additional cost.	Review all required permits and assure all requirements are met.
Utility Coordination	Utility matrix with all findings and action	Schedule delay or additional cost.	Prioritize utility relocation with construction staging
Monthly CM progress reports	Monthly Progress Report	Communication gaps. Issue resolution. Schedule delays. Quality issues. Budget overrun.	Work closely with LCWA's PM on required information and due date of report.
Quality Assurance	Inspector daily reports, Material Test Reports, spot check the contractor's survey for accuracy and ensure that the contractor replaces damaged or missing survey markers, and Construction Manager's daily diaries.	Quality not accepted and rework required that may delay project.	Continuous QA inspection by SYRUSA and specialty subs.
Close-out coordination and documentation:	Project records delivered to LCWA. Notice of Termination from the Regional Water Quality Control Boards.	Schedule delay or additional cost.	Our past performance proves our track record for delivering job closeout on time, and we accomplish this by beginning the process early in the project.
<ul style="list-style-type: none"> Enforce the provisions of the specifications to require and expedite the Contractor to submit well-coordinated operations and maintenance manuals, warranties and guarantees, bonds, extra stock and/or other items required by the contract documents such that a timely close-out of the project is implemented. 	Ensure contractor submits well-coordinated operations and maintenance manuals, warranties and guarantees, bonds, and/or other items required by the contract documents such that a timely close-out of the project is implemented.	Schedule delay or additional cost.	Our past performance proves our track record for delivering job closeout on time, and we accomplish this by beginning the process early in the project.

APPROACH TO TASKS	DELIVERABLES	POTENTIAL RISKS	RISK MITIGATION STRATEGIES
<ul style="list-style-type: none"> Perform closeout duties, including final organization and submittal of project files both to the LCWA and local City departments as necessary, including testing reports, special inspection reports, affidavits for final approval, and assist with the filing of the notice of completion and release of retention. 	Provide all necessary close-out files, reports, and documents to the LCWA and City Departments as necessary.	Schedule delay or additional cost.	Our past performance proves our track record for delivering job closeout on time, and we accomplish this by beginning the process early in the project.
Pre-final Inspection	Punch List and final walk.	Schedule delay or additional cost.	Team continuously updates project's punch list.
Final Inspection	Final walk. Notice of Completion. Final progress payment.	Schedule delay or additional cost.	Staff available to the end of the project to respond quickly.
Delivery of As-Builts and Close-out Documents	As-builts and Close-out Documents to LCWA.	Cost increase for future maintenance or future projects.	Team continuously updates project as-built plans.
Post Construction Support	Provide support and recommendation for issues or inquires.	Additional cost.	Thorough review of contractual documents. Staff available to respond quickly.

Exhibit D: SLCWRP Budget

Task Number	Task Title		SCC Grant	OPC	AES	Required Grantee Match (\$0)	Total Budget
1	Project Management		\$ 570,000.00	\$ 200,000.00			\$ 770,000.00
2	Design & Permitting		\$ 200,000.00	\$ 800,000.00	\$ 390,000.00		\$ 1,390,000.00
3	Community Outreach and Engagement (Tribal, Public, Technical)		\$ 220,000.00	\$ 200,000.00	\$ 20,000.00		\$ 440,000.00
4	Construction		\$ 16,755,000.00	\$ 4,800,000.00			\$ 21,555,000.00
4.1	Construction- Site Prep and Demolition	\$ 1,500,000.00					\$ 1,500,000.00
4.2	Construction- Earthwork Clean Soils	\$ 5,000,000.00					\$ 5,000,000.00
4.3	Construction – Earthwork Contaminated Soils	\$ 5,730,000.00					\$ 5,730,000.00
4.4	Construction – Utilities and Easement Improvements	\$ 2,675,000.00					\$ 2,675,000.00
4.5	Construction – Public Access Improvements	\$ 890,000.00					\$ 890,000.00
4.6	Construction – Revegetation	\$ 2,000,000.00					\$ 2,000,000.00
4.7	Revegetation Establishment Period	\$ 560,000.00					\$ 560,000.00
4.8	Construction Contingency	\$ 3,200,000.00					\$ 3,200,000.00
5	Construction Management		\$ 1,640,000.00				\$ 1,638,000.00
6	Environmental Compliance		\$ 1,350,000.00				\$ 1,350,000.00
7.1	Pre-construction Ecological Monitoring		\$ 1,000,000.00				\$ 1,000,000.00
7.2	Post-construction Ecological Monitoring		\$ 1,680,000.00				\$ 1,680,000.00
8	Wetlands Management		\$ 2,000,000.00				\$ 2,000,000.00
9	Indirect Costs (20%)		\$ 437,000.00		\$ 30,000.00		\$ 467,000.00
	Total		\$ 25,850,000.00	\$ 6,000,000.00	\$ 440,000.00	\$ -	\$ 32,292,000.00

Item 6

RESOLUTION 2025-04

THAT THE LOS CERRITOS WETLANDS AUTHORITY (LCWA)
AUGMENTS THE NOT TO EXCEED CONTRACT VALUE FOR
CONSTRUCTION MANAGEMENT SERVICES FOR THE
SOUTHERN LOS CERRITOS WETLANDS RESTORATION
PROJECT

WHEREAS, the Los Cerritos Wetlands Authority (Authority) has been established between the Coastal Conservancy, the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy, the City of Seal Beach and the City of Long Beach to facilitate the acquisition, protection, conservation, restoration, maintenance and operation an environmental enhancement of the Los Cerritos Wetlands; and

WHEREAS, the LCWA has further been established to focus on projects which will provide open space, habitat restoration, and watershed improvement projects within the Los Cerritos Wetlands; and

WHEREAS, on February 20, 2025 the Los Cerritos Wetlands Authority released a Request for Proposals for Construction Management Services for the Southern Los Cerritos Wetlands Project; and

WHEREAS, the Authority received five (5) responsive proposals by the advertised submission deadline. Proposals were evaluated by a panel appointed by the LCWA, consisting of representatives from the State Coastal Conservancy, Rivers and Mountains Conservancy, and the City of Seal Beach Public Works Department; and

WHEREAS, the LCWA desires to augment its internal budget for construction management services based on market feedback and expectations, proposal review outcomes, the crucial role of the construction manager, and necessary budget alignment and scope clarification; and

WHEREAS, Should unforeseen delays, unanticipated project costs, or should it be determined that additional scope to complete these tasks will be required for project success, the Authority will utilize and apply available contingency funding as necessary at the discretion of the Executive Officer.

WHEREAS, LCWA has successfully negotiated with the highest scoring RFP proposer for an appropriate scope of work at costs within the proposed augmented budget; NOW

Therefore be it resolved, that the LCWA hereby:

1. FINDS that the actions contemplated by this resolution are exempt from the environmental impact report requirements of the California Environmental Quality Act.
2. FINDS that this action is consistent with the purposes and objectives of the LCWA.

3. ADOPTS the staff report dated June 18, 2025.
4. AUTHORIZES the Executive Officer to augment the not to exceed contract value for construction management services for the Southern Los Cerritos Wetlands Restoration Project.

~ End of Resolution ~

Passed and Adopted by the Board of the LOS CERRITOS WETLANDS
AUTHORITY on June 18, 2025.

Kristina Duggan, Chair

ATTEST:

John Natalizio
Deputy Attorney
General