

PROFESSIONAL SERVICES CONTRACT BETWEEN  
THE CITY OF HUNTINGTON BEACH AND  
SYRUSA ENGINEERING, INC.  
FOR  
ON-CALL CONSTRUCTION MANAGEMENT, MATERIALS TESTING, AND  
INSPECTION SERVICES

THIS AGREEMENT ("Agreement") is made and entered into by and between the City of Huntington Beach, a municipal corporation of the State of California, hereinafter referred to as "CITY," and, SYRUSA ENGINEERING, INC., a hereinafter referred to as "CONSULTANT."

WHEREAS, CITY desires to engage the services of a consultant to perform on-call construction management, materials testing and inspection services; and

Pursuant to documentation on file in the office of the City Clerk, the provisions of the Huntington Beach Municipal Code, Chapter 3.03, relating to procurement of professional service contracts have been complied with; and

CONSULTANT has been selected to perform these services,

NOW, THEREFORE, it is agreed by CITY and CONSULTANT as follows:

1. SCOPE OF SERVICES

CONSULTANT shall provide all services as described in **Exhibit "A,"** which is attached hereto and incorporated into this Agreement by this reference. These services shall sometimes hereinafter be referred to as the "PROJECT."

CONSULTANT hereby designates Gerardo De Santos who shall represent it and be its sole contact and agent in all consultations with CITY during the performance of this Agreement.

2. CITY STAFF ASSISTANCE

CITY shall assign a staff coordinator to work directly with CONSULTANT in the performance of this Agreement.

3. TERM; TIME OF PERFORMANCE

Time is of the essence of this Agreement. The services of CONSULTANT are to commence on \_\_\_\_\_, 2025 (the "Commencement Date"). This Agreement shall automatically terminate three (3) years from the Commencement Date, unless extended or sooner terminated as provided herein. All tasks specified in **Exhibit "A"** shall be completed no later than two (2) years from the Commencement Date. The time for performance of the tasks identified in **Exhibit "A"** are generally to be shown in **Exhibit "A."** This schedule may be amended to benefit the PROJECT if mutually agreed to in writing by CITY and CONSULTANT.

In the event the Commencement Date precedes the Effective Date, CONSULTANT shall be bound by all terms and conditions as provided herein.

4. COMPENSATION

In consideration of the performance of the services described herein, CITY agrees to pay CONSULTANT on a time and materials basis at the rates specified in **Exhibit "B,"** which is attached hereto and incorporated by reference into this Agreement, a fee, including all costs and expenses, not to exceed Two Million Five Hundred Thousand Dollars (\$2,500,000.00).

5. EXTRA WORK

In the event CITY requires additional services not included in **Exhibit "A"** or changes in the scope of services described in **Exhibit "A,"** CONSULTANT will undertake such work only after receiving written authorization from CITY. Additional

compensation for such extra work shall be allowed only if the prior written approval of CITY is obtained.

6. METHOD OF PAYMENT

CONSULTANT shall be paid pursuant to the terms of **Exhibit "B."**

7. DISPOSITION OF PLANS, ESTIMATES AND OTHER DOCUMENTS

CONSULTANT agrees that title to all materials prepared hereunder, including, without limitation, all original drawings, designs, reports, both field and office notices, calculations, computer code, language, data or programs, maps, memoranda, letters and other documents, shall belong to CITY, and CONSULTANT shall turn these materials over to CITY upon expiration or termination of this Agreement or upon PROJECT completion, whichever shall occur first. These materials may be used by CITY as it sees fit.

8. HOLD HARMLESS

A. CONSULTANT hereby agrees to protect, defend, indemnify and hold harmless CITY, its officers, elected or appointed officials, employees, agents and volunteers from and against any and all claims, damages, losses, expenses, judgments, demands and defense costs (including, without limitation, costs and fees of litigation of every nature or liability of any kind or nature) arising out of or in connection with CONSULTANT's (or CONSULTANT's subcontractors, if any) negligent (or alleged negligent) performance of this Agreement or its failure to comply with any of its obligations contained in this Agreement by CONSULTANT, its officers, agents or employees except such loss or damage which was caused by the sole negligence or willful misconduct of CITY. CONSULTANT will conduct all defense at its sole cost and expense and CITY shall approve selection of CONSULTANT's counsel. This indemnity shall

apply to all claims and liability regardless of whether any insurance policies are applicable. The policy limits do not act as limitation upon the amount of indemnification to be provided by CONSULTANT.

B. To the extent that CONSULTANT performs "Design Professional Services" within the meaning of Civil Code Section 2782.8, then the following Hold Harmless provision applies in place of subsection A above:

"CONSULTANT hereby agrees to protect, defend, indemnify and hold harmless CITY and its officers, elected or appointed officials, employees, agents and volunteers, from and against any and all claims, damages, losses, expenses, demands and defense costs (including, without limitation, costs and fees of litigation of every nature or liability of any kind or nature) to the extent that the claims against CONSULTANT arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of CONSULTANT. In no event shall the cost to defend charged to CONSULTANT exceed CONSULTANT's proportionate percentage of fault. However, notwithstanding the previous sentence, in the event one or more other defendants to the claims and/or litigation is unable to pay its share of defense costs due to bankruptcy or dissolution of the business, CONSULTANT shall meet and confer with CITY and other defendants regarding unpaid defense costs. The duty to indemnify, including the duty and the cost to defend, is limited as provided in California Civil Code Section 2782.8.

C. Regardless of whether subparagraph A or B applies, CITY shall be reimbursed by CONSULTANT for all costs and attorney's fees incurred by CITY in enforcing this obligation. This indemnity shall apply to all claims and liability regardless of whether any insurance policies are applicable. The policy limits do not act as a limitation upon the amount of indemnification to be provided by CONSULTANT.



9. PROFESSIONAL LIABILITY INSURANCE

CONSULTANT shall obtain and furnish to CITY a professional liability insurance policy covering the work performed by it hereunder. This policy shall provide coverage for CONSULTANT's professional liability in an amount not less than One Million Dollars (\$1,000,000.00) per occurrence and in the aggregate. The above-mentioned insurance shall not contain a self-insured retention without the express written consent of CITY; however an insurance policy "deductible" of Ten Thousand Dollars (\$10,000.00) or less is permitted. A claims-made policy shall be acceptable if the policy further provides that:

- A. The policy retroactive date coincides with or precedes the initiation of the scope of work (including subsequent policies purchased as renewals or replacements).
- B. CONSULTANT shall notify CITY of circumstances or incidents that might give rise to future claims.

CONSULTANT will make every effort to maintain similar insurance during the required extended period of coverage following PROJECT completion. If insurance is terminated for any reason, CONSULTANT agrees to purchase an extended reporting provision of at least two (2) years to report claims arising from work performed in connection with this Agreement.

If CONSULTANT fails or refuses to produce or maintain the insurance required by this section or fails or refuses to furnish the CITY with required proof that insurance has been procured and is in force and paid for, the CITY shall have the right, at the CITY's election, to forthwith terminate this Agreement. Such termination shall not effect Consultant's right to be paid for its time and materials expended prior to notification

of termination. CONSULTANT waives the right to receive compensation and agrees to indemnify the CITY for any work performed prior to approval of insurance by the CITY.

10. CERTIFICATE OF INSURANCE

Prior to commencing performance of the work hereunder, CONSULTANT shall furnish to CITY a certificate of insurance subject to approval of the City Attorney evidencing the foregoing insurance coverage as required by this Agreement; the certificate shall:

- A. provide the name and policy number of each carrier and policy;
- B. state that the policy is currently in force; and
- C. shall promise that such policy shall not be suspended, voided or canceled by either party, reduced in coverage or in limits except after thirty (30) days' prior written notice; however, ten (10) days' prior written notice in the event of cancellation for nonpayment of premium.

CONSULTANT shall maintain the foregoing insurance coverage in force until the work under this Agreement is fully completed and accepted by CITY.

The requirement for carrying the foregoing insurance coverage shall not derogate from CONSULTANT's defense, hold harmless and indemnification obligations as set forth in this Agreement. CITY or its representative shall at all times have the right to demand the original or a copy of the policy of insurance. CONSULTANT shall pay, in a prompt and timely manner, the premiums on the insurance hereinabove required.

11. INDEPENDENT CONTRACTOR

CONSULTANT is, and shall be, acting at all times in the performance of this Agreement as an independent contractor herein and not as an employee of CITY.

CONSULTANT shall secure at its own cost and expense, and be responsible for any and all payment of all taxes, social security, state disability insurance compensation, unemployment compensation and other payroll deductions for CONSULTANT and its officers, agents and employees and all business licenses, if any, in connection with the PROJECT and/or the services to be performed hereunder.

12. TERMINATION OF AGREEMENT

All work required hereunder shall be performed in a good and workmanlike manner. CITY may terminate CONSULTANT's services hereunder at any time with or without cause, and whether or not the PROJECT is fully complete. Any termination of this Agreement by CITY shall be made in writing, notice of which shall be delivered to CONSULTANT as provided herein. In the event of termination, all finished and unfinished documents, exhibits, report, and evidence shall, at the option of CITY, become its property and shall be promptly delivered to it by CONSULTANT.

13. ASSIGNMENT AND DELEGATION

This Agreement is a personal service contract and the work hereunder shall not be assigned, delegated or subcontracted by CONSULTANT to any other person or entity without the prior express written consent of CITY. If an assignment, delegation or subcontract is approved, all approved assignees, delegates and subconsultants must satisfy the insurance requirements as set forth in Sections 9 and 10 hereinabove.

14. COPYRIGHTS/PATENTS

CITY shall own all rights to any patent or copyright on any work, item or material produced as a result of this Agreement.

15. CITY EMPLOYEES AND OFFICIALS

CONSULTANT shall employ no CITY official nor any regular CITY employee in the work performed pursuant to this Agreement. No officer or employee of CITY shall have any financial interest in this Agreement in violation of the applicable provisions of the California Government Code.

16. NOTICES

Any notices, certificates, or other communications hereunder shall be given either by personal delivery to CONSULTANT's agent (as designated in Section 1 hereinabove) or to CITY as the situation shall warrant, or by enclosing the same in a sealed envelope, postage prepaid, and depositing the same in the United States Postal Service, to the addresses specified below. CITY and CONSULTANT may designate different addresses to which subsequent notices, certificates or other communications will be sent by notifying the other party via personal delivery, a reputable overnight carrier or U. S. certified mail-return receipt requested:

TO CITY:

City of Huntington Beach  
ATTN: Director of Public Works  
2000 Main Street  
Huntington Beach, CA 92648

TO CONSULTANT:

SYRUSA Engineering, Inc.  
ATTN: Gerardo De Santos  
255 W. Central Avenue, Suite 204  
Brea, CA 92821

17. CONSENT

When CITY's consent/approval is required under this Agreement, its consent/approval for one transaction or event shall not be deemed to be a consent/approval to any subsequent occurrence of the same or any other transaction or event.

18. MODIFICATION

No waiver or modification of any language in this Agreement shall be valid unless in writing and duly executed by both parties.

19. SECTION HEADINGS

The titles, captions, section, paragraph and subject headings, and descriptive phrases at the beginning of the various sections in this Agreement are merely descriptive and are included solely for convenience of reference only and are not representative of matters included or excluded from such provisions, and do not interpret, define, limit or describe, or construe the intent of the parties or affect the construction or interpretation of any provision of this Agreement.

20. INTERPRETATION OF THIS AGREEMENT

The language of all parts of this Agreement shall in all cases be construed as a whole, according to its fair meaning, and not strictly for or against any of the parties. If any provision of this Agreement is held by an arbitrator or court of competent jurisdiction to be unenforceable, void, illegal or invalid, such holding shall not invalidate or affect the remaining covenants and provisions of this Agreement. No covenant or provision shall be deemed dependent upon any other unless so expressly provided here. As used in this Agreement, the masculine or neuter gender and singular or plural number shall be deemed to include the other whenever the context so indicates or requires. Nothing contained herein shall be construed so as to require the commission of any act contrary to law, and wherever there is any conflict between any provision contained herein and any present or future statute, law, ordinance or regulation contrary to which the parties have no right to contract, then the latter shall prevail, and the provision of this Agreement

which is hereby affected shall be curtailed and limited only to the extent necessary to bring it within the requirements of the law.

21. DUPLICATE ORIGINAL

The original of this Agreement and one or more copies hereto have been prepared and signed in counterparts as duplicate originals, each of which so executed shall, irrespective of the date of its execution and delivery, be deemed an original. Each duplicate original shall be deemed an original instrument as against any party who has signed it.

22. IMMIGRATION

CONSULTANT shall be responsible for full compliance with the immigration and naturalization laws of the United States and shall, in particular, comply with the provisions of the United States Code regarding employment verification.

23. LEGAL SERVICES SUBCONTRACTING PROHIBITED

CONSULTANT and CITY agree that CITY is not liable for payment of any subcontractor work involving legal services, and that such legal services are expressly outside the scope of services contemplated hereunder. CONSULTANT understands that pursuant to *Huntington Beach City Charter* Section 309, the City Attorney is the exclusive legal counsel for CITY; and CITY shall not be liable for payment of any legal services expenses incurred by CONSULTANT.

24. ATTORNEY'S FEES

In the event suit is brought by either party to construe, interpret and/or enforce the terms and/or provisions of this Agreement or to secure the performance hereof, each party shall bear its own attorney's fees, such that the prevailing party shall not be entitled to recover its attorney's fees from the nonprevailing party.

25. SURVIVAL

Terms and conditions of this Agreement, which by their sense and context survive the expiration or termination of this Agreement, shall so survive.

26. GOVERNING LAW

This Agreement shall be governed and construed in accordance with the laws of the State of California.

27. SIGNATORIES

Each undersigned represents and warrants that its signature hereinbelow has the power, authority and right to bind their respective parties to each of the terms of this Agreement, and shall indemnify CITY fully for any injuries or damages to CITY in the event that such authority or power is not, in fact, held by the signatory or is withdrawn.

28. ENTIRETY

The parties acknowledge and agree that they are entering into this Agreement freely and voluntarily following extensive arm's length negotiation, and that each has had the opportunity to consult with legal counsel prior to executing this Agreement. The parties also acknowledge and agree that no representations, inducements, promises, agreements or warranties, oral or otherwise, have been made by that party or anyone acting on that party's behalf, which are not embodied in this Agreement, and that that party has not executed this Agreement in reliance on any representation, inducement, promise, agreement, warranty, fact or circumstance not expressly set forth in this Agreement. This Agreement, and the attached exhibits, contain the entire agreement between the parties respecting the subject matter of this Agreement, and supersede all prior understandings and agreements whether oral or in writing between the parties respecting the subject matter hereof.

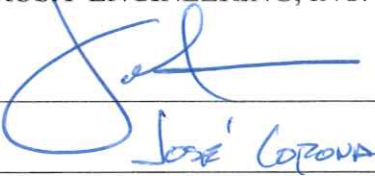
29. EFFECTIVE DATE

This Agreement shall be effective on the date of its approval by the City Attorney. This Agreement shall expire when terminated as provided herein.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by and through their authorized officers.

CONSULTANT,  
SYRUSA ENGINEERING, INC.

By: \_\_\_\_\_



print name

ITS: (circle one) Chairman/President/Vice President

**AND**

By: \_\_\_\_\_



print name

ITS: (circle one) Secretary/Chief Financial Officer/Asst.  
Secretary – Treasurer

CITY OF HUNTINGTON BEACH,  
a municipal corporation of the State of  
California

\_\_\_\_\_  
City Manager

INITIATED AND APPROVED:

\_\_\_\_\_  
Director of Public Works

APPROVED AS TO FORM:

  
for City Attorney

Date

10/27/2025

RECEIVE AND FILE:

\_\_\_\_\_  
City Clerk

Date \_\_\_\_\_



EXHIBIT A



**ON-CALL CONSTRUCTION MANAGEMENT,  
MATERIALS TESTING, and INSPECTION  
SERVICES**

**Public Works Department  
CITY OF HUNTINGTON BEACH**





# Table of Contents

**Cover Letter ..... Section A**

**Vendor Application Form .....Section B**

**Pre-Qualification Form (Exhibit A) .....Section C**

**Service Category Firm ..... Section D**

**Qualifications**

**Preferred Staffing**

**Understanding & Methodology Section**

**Rate Sheet ..... Section E**  
    (Uploaded as a separate file to DropBox – not included in proposal)

**Resumes & Certifications ..... Appendix**





# Cover Letter





June 13, 2025

City of Huntington Beach  
2000 Main Street  
Huntington Beach, CA 92648



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

**RE: RFP for On-Call Construction Management, Materials Testing, and Inspection Services:**

Dear City of Huntington Beach,

SYRUSA Engineering, Inc. (SYRUSA) is pleased to submit this proposal to the City of Huntington Beach to provide On-Call Construction Management, Materials Testing, and Inspection Services for diverse capital improvement projects over the next three years. SYRUSA is a California-based engineering firm established in 2009 as a woman-owned, minority certified DBE and Small Business Enterprise (SBE) company. We are fully equipped to assist the City Staff of Huntington Beach in delivering expert engineering services. Our organization has successfully completed a wide variety of public works projects across Southern California. SYRUSA's team of professionals have a full understanding of construction management, materials testing, and inspection services and can deliver all support requested by the City of Huntington Beach. As prime consultant for on-call services to various cities and public agencies including the City of Anaheim, City of Irvine, Orange County Public Works, and the San Bernardino County Transportation Authority (SBCTA), SYRUSA offers a comprehensive suite of construction management, materials testing, and inspection solutions. Our expertise spans pre-construction through project closeout, ensuring seamless execution and compliance with contract requirements.

Our extensive project portfolio includes pump and lift stations, curb and gutter installations, sidewalks, pipelines, traffic signals, road rehabilitation, reservoirs, and bridge retrofits across multiple California municipalities. Additionally, SYRUSA has collaborated with various public agencies, including the California Highway Patrol (CHP), to improve fire stations, police facilities, community centers, libraries, city hall buildings, and recreational amenities such as beach and park restrooms. SYRUSA specializes in complex building projects, including tenant improvements (TI), office and facility renovations, superstructure and subgrade retrofits, new construction, security and fire system upgrades, and mechanical, electrical, and plumbing (MEP) enhancements.

As Construction Manager, SYRUSA closely monitors project schedules, recommends scope modifications when necessary, and keeps projects on track and within budget. Our services extend to traffic control planning, surveying coordination, and ensuring a seamless transition upon project completion. Our project closeout strategy includes final inspections, certification management, and thorough documentation to confirm compliance and successful completion.

Labor compliance remains a core priority. Our subconsultant Dynamic Engineering Services, Inc., will verify prevailing wage adherence, payroll accuracy, and fair employee treatment. Our materials testing subconsultant Twining will be responsible for conducting required materials testing by Caltrans Standards and Project Special Provisions, ensuring compliance with the City's Quality Assurance Program (QAP). Technicians will be qualified to conduct density, slump, and compression strength tests. Upon project completion, a materials certification memorandum will be submitted to the Public Works Contract Administrator.

SYRUSA brings a highly experienced team of professionals, including licensed Professional Engineers (PE) and Qualified Stormwater Developers (QSD), ACI-certified engineers and inspectors, Qualified SWPPP Practitioners (QSP), and experts in Greenbook and county specifications. Our office engineers and labor compliance specialists are dedicated to maintaining project adherence. SYRUSA prides itself on efficient project delivery, transparent communication, and meticulous documentation, ensuring seamless execution from conception to completion.

We acknowledge Addendum 1 dated May 16, 2025 and Addendum 2 dated June 6, 2025 as shown on PlanetBids.

I am authorized to bind SYRUSA Engineering to the terms and conditions of this RFP. The assigned project manager will be Gerardo De Santos, PE (949) 933-5521 located at our Brea office.

Sincerely,



Mary Zahlout, President/CFO





# Vendor Application Form



## REQUEST FOR PROPOSAL

### VENDOR APPLICATION FORM

TYPE OF APPLICANT: ☒ NEW ☐ CURRENT VENDOR

Legal Contractual Name of Corporation: SYRUSA Engineering, Inc.

Contact Person for Agreement: Mary Zahlout

Corporate Mailing Address: 255 W. Central Ave, Suite 204

City, State and Zip Code: Brea, CA 92821

E-Mail Address: mzahlout@syrusaengineering.com

Phone: 714-784-6700

Fax: 714-784-6701

Contact Person for Proposals: Gerardo (Jerry) De Santos, PE

Title: Contract Manager

E-Mail Address: gdesantos@syrusaengineering.com

Business Telephone: 714-784-6700

Business Fax: 714-784-6701

Is your business: (check one)

☐ NON PROFIT CORPORATION

☒ FOR PROFIT CORPORATION

Is your business: (check one)

☒ CORPORATION

☐ INDIVIDUAL

☐ PARTNERSHIP

☐ LIMITED LIABILITY PARTNERSHIP

☐ SOLE PROPRIETORSHIP

☐ UNINCORPORATED ASSOCIATION

Names & Titles of Corporate Board Members

(Also list Names & Titles of persons with written authorization/resolution to sign contracts)

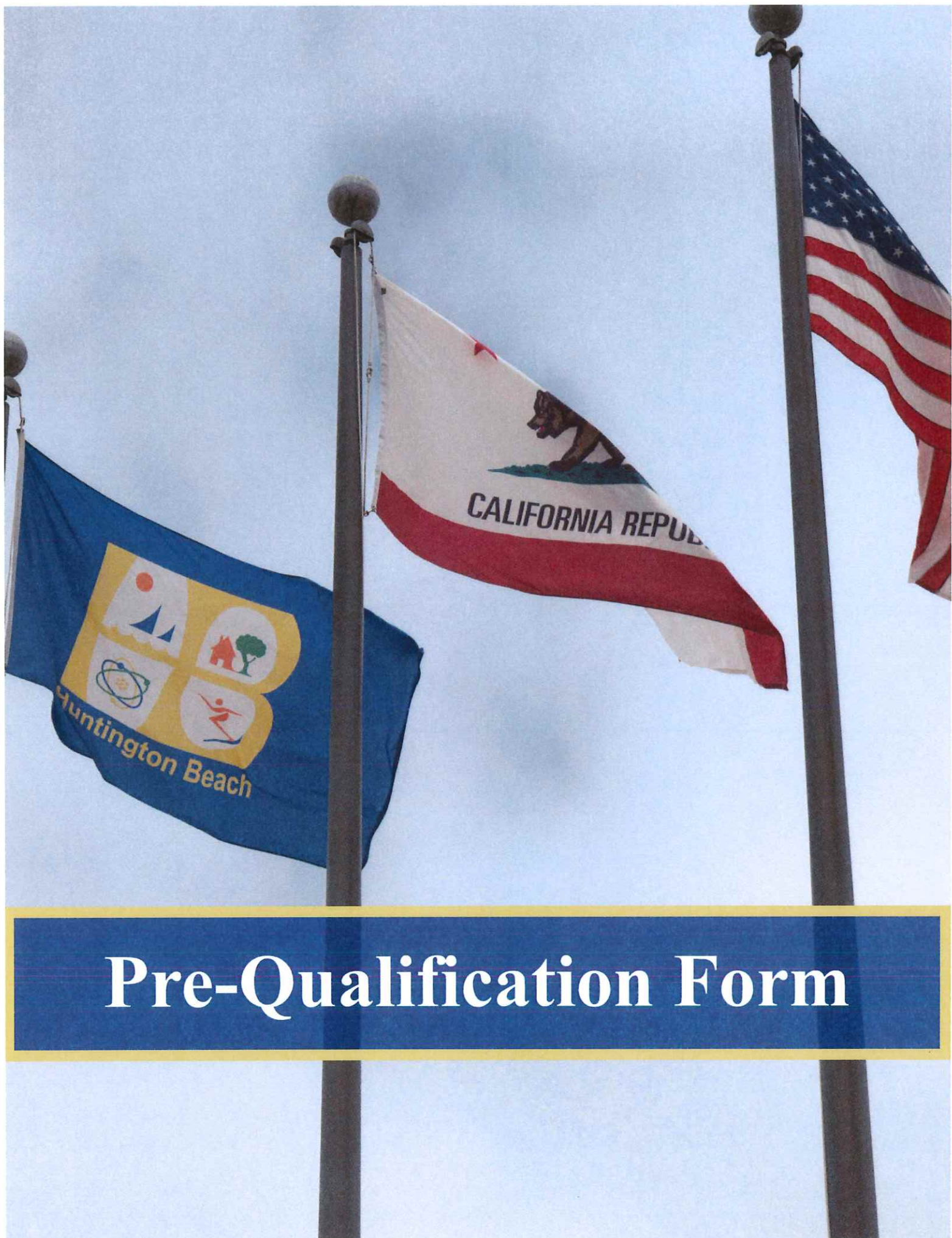
Names	Title	Phone
<u>Jose Corona, PE</u>	<u>CEO</u>	<u>951-533-0316</u>
<u>Mary Zahlout</u>	<u>CFO/President</u>	<u>714-643-8858</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Federal Tax Identification Number: 27-1663172

City of Huntington Beach Business License Number: None  
(If none, you must obtain a Huntington Beach Business License upon award of contract.)

City of Huntington Beach Business License Expiration Date: N/A





# Pre-Qualification Form

# PRE-QUALIFICATION FORM

ON-CALL CONSTRUCTION MANAGEMENT and MATERIALS INSPECTION CONSULTING  
SERVICES

SERVICE CATEGORY	PROPOSING? Y/N (circle)
A. Construction Management	<input checked="" type="radio"/> Yes / No

MZ (Initial) Consultant is willing to execute the Agreement as drafted (See **Appendix B**).

MZ (Initial) Consultant is able to provide the insurance as required (See **Appendix C**).

Firm Name: SYRUSA Engineering, Inc.

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

Signature: Mary Zablout Date: 6/2/2025





# Service Category Firm







## D. SERVICE CATEGORY FIRM - Qualifications

### 1. Demonstrated Capabilities and Length of Time Providing Services



SYRUSA Engineering, Inc. (SYRUSA) is a California-based construction management firm focused on providing efficient, client-driven solutions to complex construction projects. Bringing over 16 years of experience acquired through on-call contracts for numerous public clients, SYRUSA is well-equipped to provide a full-suite of services, acting as an all-in-one provider for all the City's

construction management, materials testing, labor compliance, and inspection service needs. SYRUSA is experienced in managing projects with City and Federal Funding and can leverage its expertise to benefit the City throughout all timelines of a construction projects, ranging from pre-construction planning to final close-out, and ensuring the successful completion of projects for an on-call contract.

Over the years, our firm has applied our construction knowledge into phases spanning all phases of a project and tap into our recent project experience to effectively administer a project's schedule, budget, quality, safety, and reduce project impacts. By successfully offering services to numerous clients in California, our team's personnel capabilities include understanding and successfully managing all construction aspects, from early phase to project



completion while following all public works construction standards including the Greenbook. Our expertise includes but is not limited to reviewing project plans, specifications, estimates, permits, technical reports, and conducting constructability reviews to provide alternative means and methods before construction. SYRUSA has experience in construction management software, including Virtual Project Manager (VPM). Our knowledge ensures seamless implementation, which reduces onboarding time and minimizes training costs.



## City of Huntington Beach Request for Proposal for

### On-Call Construction Management, Materials Testing, and Inspection Services

SYRUSA possesses the technical expertise necessary to analyze and oversee the project phasing and staging to eliminate and mitigate conflicts while minimizing disruptions to local traffic and residents. Our project history includes providing construction management and inspection services on projects with pump and lift stations, curb and gutter installations, sidewalks, pipelines, traffic signals, road rehabilitation, reservoirs, and bridge retrofits across multiple California cities. SYRUSA has partnered with public agencies including California Highway Patrol (CHP) to improve fire stations, police facilities, community centers, libraries, city hall buildings, and recreational amenities. SYRUSA brings experience in complex building projects, including tenant improvements (TI), office and facility renovations, superstructure and subgrade retrofits, new construction, security and fire system upgrades, and mechanical, electrical, and plumbing (MEP) improvements.



City of Anaheim: Katella Substation  
and Edward Utilities Complex



SYRUSA Management: Faisal Zahlout,  
Jose Corona, Jerry De Santos

SYRUSA has selected personnel and organized our team to best manage project services. We've identified staff that can support Project goals related to schedule, budget, quality, and partnership. Our key and additional personnel ensure that at every level our team can plan and deliver this project successfully for the city. SYRUSA's team will report directly to the City's Project Manager. The top-level management are Project Manager Gerardo (Jerry) De Santos, PE, Construction Manager/Resident Engineer Jose Corona, PE, and Faisal Zahlout, PE, who have the expertise and experience to assist the city in the successful completion of the project. The SYRUSA team has staff with the ability to perform the work and the appropriate licenses and certifications. All our Construction Managers are licensed Professional Engineers in the State of California. Below is a summary of the service categories and our strategies for each service category, based on the Scope of Work detailed in





**On-Call Construction Management, Materials Testing, and Inspection Services**

the RFP. Requested services include construction management, materials testing, administrative, labor compliance, and inspection services for projects with Design-Bid-Build, Design-Build (DB), and Progressive Design-Build (PDB) delivery methods. These services include but are not limited to enforcing adherence to the plans, specifications, and standards; Performing a third-party constructability review to identify potential issues early and prevent costly delays; utilizing construction software Virtual Project Manager (VPM); reviewing project permit requirements to facilitate the acquisition of necessary approvals and comply with applicable regulations; monitoring construction work and logging all inspected activities, which ensures safety and adherence to the contract; testing of construction materials as a quality control measure; and review of contractor submitted payrolls to ensure accuracy of calculated wage rates, benefits, and overtime hours.

SYRUSA has provided  
**CONSTRUCTION  
MANAGEMENT  
SERVICES**  
on more than 35 projects  
in Southern California  
valued at more than \$3B



Projects requiring these services include pump and lift stations, curb and gutter installations, sidewalks, pipelines, traffic signals, road rehabilitation, reservoirs, and bridge retrofits. Upcoming vertical construction projects include fire stations, police department facilities and substations, community centers, beach and park restrooms, libraries, and city hall facilities involving tenant improvements (TI), general office and building remodel and renovations, superstructure and subgrade structural retrofits, new building construction, security and fire system modifications, and building mechanical, electrical, and plumbing (MEP) improvements.

SYRUSA is fully prepared to offer Qualifications and experience in any of the following service categories:

1. Construction Management
2. Construction Materials Testing
3. Administrative
4. Inspection
5. Labor Compliance



## **2. Key Personnel**

As Project Manager for SYRUSA, Gerardo (Jerry) De Santos, PE has 25 years of diverse engineering experience that includes Planning, Local Assistance, Design, Construction and Maintenance. Roles include, managing large complex structure projects, Clean CA Statewide Coordinator, Tunnels and Tubes Director in the Bay Area, District Director in Orange County. As a subject matter expert, teaching the Caltrans Winter Training Falsework Class in 2006, Foundations Class in 2015 and 2020, developing and presenting the Caltrans Falsework Academy, sponsor of the Caltrans Foundations Technical Team and a 17-year faculty member at Santa Ana College Division of Science, Mathematics, and Health Science in the Department of Physics and Astronomy. With his communication and soft skills has served as Cubmaster for four years and Scoutmaster for four years developing future leaders in our community.

Mr. De Santos has a wealth of knowledge, skills, and experience in delivering complex projects and successfully collaborating with many different internal and external stakeholders, with his natural ability to bring people together and find solutions. Jerry has current certifications of 10 hours Cal/OSHA safety training and current Defensive Driving, along with First Aid Certified. He is also currently in the process of acquiring the CCM certification (CMAA ID #308353).

### **Relevant Project Management Experience**

**Structures Project Manager | I-10 Express Lanes DB | SBCTA | Construction Value: \$679 M  
| Duration on the Project: 09/2023 – current**

Project includes 8 replacement bridges and widening 16 existing bridges, 20 miles of new retaining walls, update existing storm drain systems, adding two express lanes, improving existing on and off ramps, enhance traffic striping to accommodate new car technologies. Mr. De Santos responsibilities include but not limited to review and authorize of construction submittal, RFIs, supervised field inspectors, project audit, monitor testing, coordinate between Caltrans structure design and DB contractor design, and oversee the As Built.



**Area Construction Manager | 91/15 Design Build Express Lanes North Direct Connector |**

**Caltrans District 8 | Construction Value: \$165 M | Duration on the Project: 08/2021 – 03/2022**

Project included tolling lanes systems, multiple flyovers, bridge replacement, landscaping, utilities, multiple sound walls, various type of retaining walls, HMA and PCC pavement, traffic signals, street improvement, drainage systems, and multiple ramps realignments. As manager for the structure work, he lead and managed the inspection team and agency coordination.

**Area Construction Manager | I-15 Express Lanes Design Build | Caltrans District 8 |**

**Construction Value: \$255 M | Duration on the Project: 12/2018 – 08/2021**

Project consist of 21 bridges and 16 sign structures. Adds toll lane and improvements, tolling system, subgrade preparation, drainage systems installation, concrete barriers, traffic signs, HMA/PCC pavement, striping, and traffic control. Responsible for leading and managing the inspection team, resolving issues and acceptance of the project.

**Area Construction Manager | 395/58 Kramer Junction Expressway | Caltrans District 8 |**

**Construction Value: \$191 M | Duration on the Project: 09/2017 – 11/2020**

This CM/GC project widens SR-58 expressway to 4 lanes, realigns roadway, provides grade separation at railroad crossing, includes new pavement, widens median, improve traffic safety, and increase volume of oversized vehicles. Gerardo was responsible for managing his first of the six CM/GC pilot program projects. Leading and managing the contract administration and inspection team.

**Project Management | Various On-Call Contracts**

City of Anaheim – Value: \$300K, Duration: 04/2022 - Present

City of Irvine – Value: \$200K, Duration: 03/2024 - Present

OC Public Works – Value: \$600K, Duration: 04/2022 - Present

SBCTA On-Call Bench – Value: \$5M, Duration: 04/2022 - Present





### 3. References

**1. Project:** SBCTA I-10 Corridor Express Lanes Design-Build Project

**Agency:** San Bernardino County Transportation Authority

**Primary Contact:** Khalid Bazmi, PE

Corridor Manager, Project Delivery

kbazmi@gosbcta.com

(714) 425-1520

**Description:** SYRUSA managed all structures work, leading quality management, and providing inspectors for



SBCTA's \$679 million I-10 Corridor Express Lanes Design-Build project. This project includes extensive staging and phasing to widen 11 miles of existing I-10, add eight new bridges and improve 16 bridges, 20 miles of new or reconstructed retaining walls and sound walls, as well as reconstruction and/or modification of existing ramps at 10 interchanges, seven local arterials, and 24 structures. This work has all been done while keeping five lanes of traffic open during construction through one of the most heavily traveled corridors in Southern California.

**Structures Project Manager:** Gerardo De Santos, PE, MS

**Additional Team Members on the Project:** Faisal Zahlout, PE, QSD, - Jose Corona, PE - Luis Negrete, PE - Ruth Blas, EIT - Adriana Jiminez, QCSI - Noura Alayyan

**Duration:** 04/2020 – Current

**2. Project:** OCPW On-Call Construction Services Construction Management & Inspection Services

**Agency:** Orange County Public Works (OCPW)

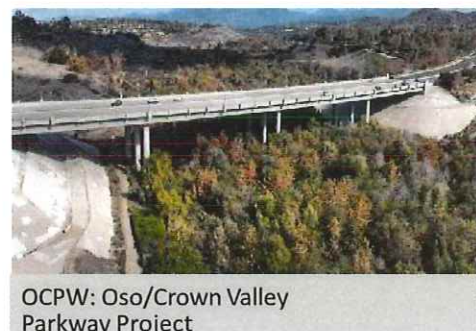
**Primary Contact:** Teejay Areopagita, PE

Resident Engineer | Construction

Teejay.Areopagita@ocpw.ocgov.com

(714) 856-2099

**Description:** One project as part the OCPW On-Call Contract was the Oso/Crown Valley Parkway Project.





**City of Huntington Beach  
Request for Proposal for**

**On-Call Construction Management, Materials Testing, and Inspection Services**

SYRUSA coordinated with the community to communicate the construction schedule and potential impacts in order to maintain bike, pedestrian, and vehicle flow along a very busy street, all while protecting the Trabuco Creek and Arroyo Trabuco Wilderness Area below the bridge. Other on-call projects included the Santa Ana River concrete repair, Santa Ana Gardens Bike Trail, and Fountain Valley Channel Rehab.

**Project Manager:** Gerardo De Santos, PE, MS

**Additional Team Members on the Project:** Luis Negrete, PE - Ruth Blas, EIT - Noura Alayyan

**Duration:** 11/2022 - 04/2023

**3. Project:** City of Anaheim On-Call Construction Inspection Services

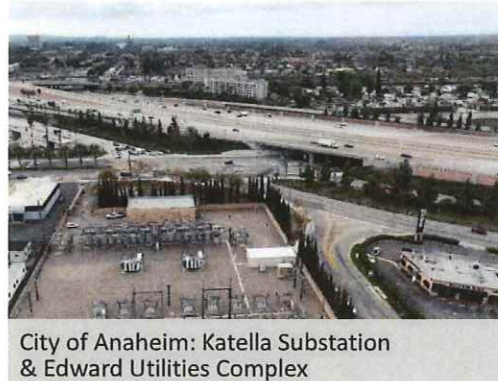
**Agency:** City of Anaheim

**Primary Contact:** Carlos Castellanos, PE

CCastellanos@anaheim.net

(714) 765-5066

**Description:** SYRUSA is providing construction inspection services on various public works projects in and around the City of Anaheim.



City of Anaheim: Katella Substation  
& Edward Utilities Complex

SYRUSA also provided staff working as an extension to the Public Works Department working on Design-Bid-Build and Design-Bid projects. Sample projects include: Design-Build DBMA #5 Perimeter Wall & Gate Upgrade Project for Katella Substation and DBMA #6 Perimeter Wall & Gate Upgrade Project for Edwards Utilities Complex.

**Project Manager:** Gerardo De Santos, PE, MS

**Additional Team Members on the Project:** Faisal Zahlout, PE, QSD - Melanie Romero, EIT - Ruth Blas, EIT

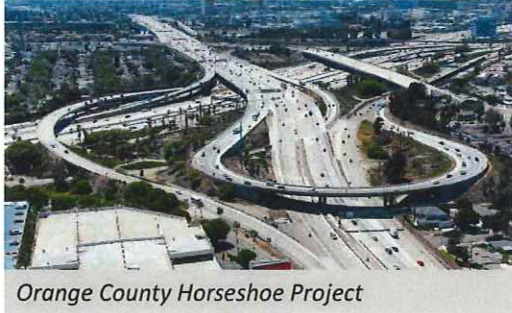
**Duration:** 04/2021 – Current





#### 4. Proposal Synopsis, Unique Qualities, Overall Benefit to the City, and Understanding of Services.

##### Proposal Synopsis



Our firm brings in extensive experience in managing and delivering high-quality construction services for a wide range of capital improvement projects that will benefit the City of Huntington Beach over the minimum three-year contract period. Our team has successfully managed traffic signals, pump stations, curb and gutter, sidewalks, pipelines,

structures, road rehabilitation, reservoirs, and bridge retrofits. Additionally, we have significant expertise in City facility construction, including fire stations, police department facilities, community centers, libraries, and city hall facilities. Our experience extends to tenant improvements (TI), office and building renovations, structural retrofits, new building construction, security and fire system modifications, and MEP upgrades.

##### Unique Qualities

SYRUSA offers an experienced background in design-build and design-bid-build project delivery methods across California. Our team is highly skilled in project phasing and staging, ensuring seamless coordination to mitigate conflicts and minimize disruptions to local traffic and residents. With expertise spanning pre-construction planning through final close-out, we provide proactive risk management and quality assurance to meet the City's contract requirements efficiently. SYRUSA is knowledgeable in construction software like Virtual Project Manager (VPM).

##### Overall Benefit to the City

With SYRUSA, the City of Huntington Beach will gain a highly experienced team capable of providing on-call construction management, inspection, materials testing, and labor compliance services from pre-construction through final inspection. Our firm offers in-house technical consultation at no additional cost, ensuring the City receives expert guidance and support throughout the duration of the contract.

SYRUSA is committed to delivering high-quality, cost-effective solutions that enhance project efficiency, maintain compliance, and support the City's long-term infrastructure goals.





**City of Huntington Beach  
Request for Proposal for**

**On-Call Construction Management, Materials Testing, and Inspection Services**

---

Our firm is pleased to submit a proposal to provide on-call construction management, materials testing, inspection, and labor compliance services for the City of Huntington Beach's Public Works Department.

**Understanding of the Services**

SYRUSA has included four tables below, one for each service category to explain our understanding of the on-call contract requirements. In each table, we listed the required tasks listed in the RFP and included a list of deliverables that our staff will provide throughout the project duration.

**Tables below are as follows:**

- Construction Management Task and Deliverables Table
- Construction Materials Task and Deliverables Table
- Inspection Task and Deliverables Table
- Labor Compliance Task and Deliverables Table



## Construction Management Tasks & Deliverables

No.	Topics	Required Project Tasks	SYRUSA's Deliverables
1	Constructability Review	Third-party constructability review of the project plans and specifications prior to the preconstruction conference.	<ul style="list-style-type: none"> <li>Create a log with comments from the constructability review to be provided to the City before going out to bid for construction, identifying potential issues that should be avoided to save time and money. Any problems will be identified and noted in this log.</li> </ul>
2	Project Permits	Review project permits.	<ul style="list-style-type: none"> <li>Create a project folder containing supporting permit documentation such as drawings, calculations, and construction timelines.</li> <li>Create a Tracking system Log for both City and external permit status.</li> </ul>
3	Pre-construction Meeting	Managing pre-construction meetings.	<ul style="list-style-type: none"> <li>Draft an agenda with special concerns and conduct pre-construction "kick-off meeting."</li> <li>Produce Meeting Minutes</li> </ul>
4	Coordination	Coordination of project activities for City	<ul style="list-style-type: none"> <li>Prepare reports and documents, as necessary, for City review and action to update City staff, utility companies, and other stakeholders with on-going construction updates and communicate anything that requires their attention.</li> </ul>
5	Record Keeping	Maintain at the consultant's local office all project records.	<ul style="list-style-type: none"> <li>Upload digital files of all contracts documents including: drawings, specifications, addenda, change orders, shop drawings, product data, samples, submittal, purchases, materials, equipment, applicable handbooks, maintenance and operating manuals and instructions, other related documents and revisions which are relevant to the contract work.</li> <li>Create and maintain a records management matrix outlining the categories for the documents for more streamlined filing.</li> <li>Use Caltrans UFS for filing all project documents such as contracts, drawings, and specifications.</li> <li>SYRUSA will keep a digital archive of all the project files and update in a continuous basis.</li> </ul>
6	Weekly Status Reports	Provide weekly status reports to the City as required.	<ul style="list-style-type: none"> <li>Weekly status reports provided to the City with summary-level construction progress, challenges, and questions.</li> <li>Create a digital filing system log to track RFIs and submittals.</li> <li>Track and report on the project's cost status</li> </ul>
7	Test Reports Review	Quality Assurance of materials and equipment	<ul style="list-style-type: none"> <li>Maintain a log of Laboratory test report findings, status and follow-ups with Resident Engineer.</li> <li>Collect and examine laboratory / field test results, verifying that concrete, steel, asphalt materials meet project requirements.</li> <li>Coordinate with Resident engineer by discussing any discrepancies in lab findings versus design expectations. Agree to material substitutions to meet standards, if necessary.</li> </ul>





**City of Huntington Beach  
Request for Proposal for**

**On-Call Construction Management, Materials Testing, and Inspection Services**

No.	Topics	Required Project Tasks	SYRUSA's Deliverables
8	Project Management and Project Updates	Provide project management and project updates to the City for each assigned project.	<ul style="list-style-type: none"> <li>• Create Project Update Reports that summarize the project progress, milestones, and any issues encountered.</li> <li>• Use the Virtual Project Manager (VPM) to follow City's protocols on data entry, document submission, and reporting updates.</li> <li>• Use the Excel-based tracking database to retrieve project information (e.g., logs, payment applications, working day statements) and analyze progress.</li> <li>• Use the City's internal tracking system (PTS) on an on-needed basis while engaging with the necessary while coordinating with the City to confirm any necessary approvals before submitting project updates.</li> </ul>
9	Compliance Monitoring	Monitor contractor and subcontractor compliance with State labor law and paperwork requirements.	<ul style="list-style-type: none"> <li>• Receive, review, and maintain contractor's certified payrolls. Ensure contractors are properly uploading certified payroll records to the portal.</li> <li>• Conduct spot interviews with employees on the project</li> <li>• Daily reports listing employee, labor classifications, hours worked, and equipment on project</li> <li>• Maintain evidence of apprentices employed on the project, spot checking payrolls to ensure that applicable Davis-Bacon or State prevailing wage rates are paid and ensuring that contractor has posted all required posters, notices and wage determination at the job site.</li> <li>• Create a Labor Compliance Tracking Matrix, which tracks upcoming interviews, employees interviewed, and any non-compliant findings.</li> </ul>
10	Construction Contract Administration	Administer the construction contract.	<ul style="list-style-type: none"> <li>• Administer Construction Contract for compliance with project Plans and Specifications as well as Caltrans Standard Plans and Specifications.</li> <li>• Contract documentation categorized by cost, scope, schedule, key milestones, delays and resolutions.</li> </ul>
11	RFI	Manage incoming Contractor Request-for-Information (RFIs).	<ul style="list-style-type: none"> <li>• Project folder containing Requests for Information (RFIs) for SYRUSA to administer, review, respond, and track.</li> <li>• Creating a RFI Tracking Log, listing all RFIs on the project, summarizes the reason for the RFI, and action items.</li> </ul>
12	Weekly Progress Meetings	Conduct weekly construction progress meetings.	<ul style="list-style-type: none"> <li>• Conduct weekly construction progress meetings with stakeholders such as contractor, subcontractors, City staff, design engineers, sub-consultants, affected outside agencies, general public, business owners, other consultants, etc.</li> <li>• Discuss matters such as procedures, progress, problems, and scheduling.</li> <li>• Provide meeting minutes containing the key discussion points of the meeting.</li> <li>• Action items list that will be discussed at the weekly progress meetings dealing with construction procedures, progress, problems, and scheduling .</li> </ul>
13	Inspections	Coordinate and monitor all inspection activities.	<ul style="list-style-type: none"> <li>• Create Daily Reports of construction inspection, showing quantity calculations examining construction work to achieve compliance with project plans and contract documents.</li> </ul>
14	Coordination with General Public	Meet with general public as needed.	<ul style="list-style-type: none"> <li>• Create a Records of Concerns Log containing construction noise complaints, traffic impacts, or accessibility issues. If any, notify City staff of issues brought up by the general public and support the city with outreach and communication.</li> </ul>



**City of Huntington Beach  
Request for Proposal for**

**On-Call Construction Management, Materials Testing, and Inspection Services**

No.	Topics	Required Project Tasks	SYRUSA's Deliverables
15	Submittals	Receive and process all submittals to the design engineer for review.	<ul style="list-style-type: none"> <li>• Review submittals and respond in a timely manner.</li> <li>• Shop drawings, project data, and samples submittals filed within the project records database.</li> <li>• Create an Excel spreadsheet that logs and tracks submittals to help expedite the processing and approval of submittals.</li> <li>• Establish and implement procedures for expediting the processing and approval of submittal.</li> </ul>
16	Submittal Review	Coordinate submittal review with design engineer on an as needed basis.	<ul style="list-style-type: none"> <li>• Review submittals and respond in a timely manner.</li> <li>• Coordinate with design engineer for submittal reviews by prioritizing critical reviews, facilitating communication between the contractor and the design engineer, and ensuring specifications compliance by verifying the submitted materials and designs meet project standards.</li> </ul>
17	Coordination with City Staff	Coordinate with the City Engineer and other city departments.	<ul style="list-style-type: none"> <li>• Coordinate with the City Engineer and other departments including outreach, building, transportation, and public works departments.</li> </ul>
18	Claims Documentation	Document all claims and maintain for account records.	<ul style="list-style-type: none"> <li>• Create a Log of claims for account records containing supporting evidence such as reports, photos, correspondence, detailed records that are accessible for review.</li> <li>• Provide all necessary documentation to the appropriate City staff and other stakeholders.</li> </ul>
19	Traffic Control Plans	Implement project's traffic control plan.	<ul style="list-style-type: none"> <li>• Perform weekly review for conformance to approved plans and address all elements of the traffic control plan that are non-compliant.</li> </ul>
20	Surveying	Coordinate and schedule construction surveying.	<ul style="list-style-type: none"> <li>• Ensure that survey information is saved for project records.</li> <li>• Create a Survey Schedule Tracker spreadsheet used to coordinate and schedule survey activities.</li> </ul>
21	Construction Materials Testing	Coordinate testing requirements and scheduling of material testing.	<ul style="list-style-type: none"> <li>• SYRUSA will coordinate with the materials testing consultant, who will conduct testing under the required certified laboratories and provide any testing reports and logs to confirm materials used meet quality and specification standards.</li> </ul>
22	Project Schedule	Review and analyze the contractor's cost-loaded/ resource-loaded baseline project schedule.	<ul style="list-style-type: none"> <li>• Create a work progress-tracking matrix when working with the contractor by comparing actual work completed against the baseline schedule and logging all delays or inefficiencies.</li> <li>• Analyze the baseline project schedule to identify key activities directly impacting project duration. Analyze the contractor's schedule for critical path, activity logic sequences, realistic durations, constraints, schedule of values and schedule of delivery for products with long lead time which includes submittal process.</li> <li>• Work with the contractor, weekly, to maintain the project schedule updates to show current conditions and suggest revisions as required that will be congruent with monthly progress pay requests.</li> </ul>





**City of Huntington Beach  
Request for Proposal for**

**On-Call Construction Management, Materials Testing, and Inspection Services**

No.	Topics	Required Project Tasks	SYRUSA's Deliverables
23	Construction Changes	Manage construction changes and change orders.	<ul style="list-style-type: none"> <li>• Track project budget and manage contingency balance.</li> <li>• Evaluate &amp; recommend scope changes based on site conditions, unforeseen challenges, and opportunities for efficiency improvements. Provide data-driven justifications to the City.</li> <li>• Review and evaluate contractor's request for changes.</li> <li>• Negotiate with contractor and submit recommendations to City supported by field data related to any additional work.</li> <li>• If change orders are accepted by City, prepare change orders for signature and authorization by the City.</li> <li>• Create and maintain a detailed log of all change requests, approvals, and implementation progress to support accurate reporting and future project decisions.</li> </ul>
24	As-Built Project Schedule	Oversee contractor maintains "As-Built" project schedule.	<ul style="list-style-type: none"> <li>• Create an As-Built Schedule Tracking Log that tracks updates to the project schedule, lists changes, and any approval status.</li> </ul>
25	Contractor Payments	Manage Contractor's payments.	<ul style="list-style-type: none"> <li>• Review Payment and approve the contractor's monthly progress based on the percentage of work activity completed for that month. Create a tracking system Logging the cost of each bid item, all submitted payment applications, approval status, amounts being process each month, and upcoming payment dates.</li> <li>• Review pay requests.</li> <li>• Provide recommendations for contractor's payments.</li> </ul>
26	Project Transition	Coordinate the transition for beneficial occupancy.	<ul style="list-style-type: none"> <li>• Obtain manuals and equipment documentation</li> <li>• Create a Beneficial Occupancy Transition Plan containing a final inspection report, transition meeting minutes, occupancy readiness checklist, documentation, etc.</li> </ul>
27	Training Sessions	Coordinate training sessions required for City staff.	<ul style="list-style-type: none"> <li>• Coordinate with vendor and city to receive training.</li> </ul>
28	Coordination Meetings	Conduct regular coordination meetings with property owners and business owners.	<ul style="list-style-type: none"> <li>• Work with the City's outreach team.</li> <li>• Stakeholder Coordination Meeting Documentation containing meeting agendas, meeting minutes, and an action items list.</li> </ul>
29	Construction Closeout	Provide project closeout services.	<ul style="list-style-type: none"> <li>• Produce and share meeting minutes from coordination meetings.</li> <li>• Administer and coordinate final inspections.</li> <li>• Coordinate the correction and completion of the work.</li> <li>• Assist City in determining when the project or a designated portion thereof is substantially complete.</li> <li>• Calculate the amount of final payment due prime contractor.</li> <li>• Obtain evidence of certification of all lien releases.</li> <li>• Assist City with filing the project "Notice-of-Completion" (NOC).</li> <li>• Secure and transmit to City, required guarantees.</li> <li>• Issue the notice of substantial completion and process the notice of completion.</li> <li>• Coordinate any startup requirements.</li> <li>• Deliver all equipment manuals, special equipment, spare parts, catalogs, and other materials required by specifications.</li> <li>• Collect all as-built data from contractors or consultants.</li> <li>• Make recommendation for the release of retention.</li> <li>• Provide construction management documents and records to the City.</li> </ul>





**City of Huntington Beach**  
**Request for Proposal for**  
**On-Call Construction Management, Materials Testing, and Inspection Services**

### Construction Materials Testing Tasks & Deliverables

No.	Topics	Required Project Tasks	SYRUSA's Deliverables
1	Testing	Conduct required testing.	<ul style="list-style-type: none"> <li>• Conduct all required materials testing per Caltrans Standard Specifications and Project Special Provisions.</li> <li>• Create a Testing Log &amp; Report Tracker, which logs all project tests performed and also lists their dates, locations, results, and compliance status.</li> </ul>
2	QAP and Caltrans Construction Manual	Perform materials testing in accordance with the City's QAP and Caltrans Construction Manual requirements.	<ul style="list-style-type: none"> <li>• Conduct Samples and Tests on proposed materials before use to ensure compliance with project specifications.</li> <li>• Provide for initial "Samples and Tests" on materials proposed for use in the project following established guidelines from the City's Quality Assurance Program (QAP) and Caltrans Construction Manual, ensuring proper testing procedures.</li> <li>• The firm shall provide for "Acceptance Tests" on materials that will be incorporated into the work with sampling beginning as soon as material is delivered or in place. Sampling will continue as work progresses.</li> <li>• Create a Sample &amp; Test Log spreadsheet that tracks all collected samples, test results, locations, and compliance status.</li> </ul>
3	Materials Testing	Conduct all materials testing in a Caltrans Certified Laboratory, or equivalent.	<ul style="list-style-type: none"> <li>• All sampling and testing will be done by accredited personnel and laboratory. Proof of the appropriate accreditation shall be submitted for approval by the City.</li> <li>• SYRUSA will conduct the testing under the required certified laboratories and provide any testing reports and logs to confirm materials used meet quality and specification standards. SYRUSA will submit proof of accreditation to the City.</li> <li>• Create an Accreditation Documentation Package that includes a compiled submission of laboratory certifications, accreditation proof, and personnel qualifications for City approval.</li> </ul>
4	Density Testing	Conduct density testing.	<ul style="list-style-type: none"> <li>• Create a Technician Qualification &amp; Certification Package: Documentation of technician credentials and certifications to meet ASTM requirements.</li> </ul>
5	Concrete Testing	Provide ACI-certified technician for concrete testing.	<ul style="list-style-type: none"> <li>• Create a Technician Certification &amp; Qualification Documentation containing proof of ACI certification, credentials, and relevant experience for compliance verification.</li> </ul>
6	Compression Testing	Perform compression strength tests on concrete cylinders.	<ul style="list-style-type: none"> <li>• Create a Compression-Testing Report that contains the concrete strength test reports, ensuring the concrete used meets compression strength requirements and is in accordance with ASTM C39 for bridge structure concrete.</li> </ul>
7	Test Results	Documenting Test Results	<ul style="list-style-type: none"> <li>• Create a Testing &amp; Sample Record Log spreadsheet that tracks all samples, test results, testing procedures, and compliance status.</li> <li>• Cite applicable contract requirements, test procedures, and analytical methods in each test result.</li> <li>• Provide actual results with a statement confirming whether the tested item meets specified requirements.</li> <li>• Ensure test results are signed by an authorized lab representative and submitted to the City.</li> </ul>



**City of Huntington Beach**  
**Request for Proposal for**  
**On-Call Construction Management, Materials Testing, and Inspection Services**

No.	Topics	Required Project Tasks	SYRUSA's Deliverables
8	Testing Plan and Log	Maintain a Testing Plan and Log.	<ul style="list-style-type: none"> <li>• Create a Testing Plan Document report which outlines testing procedures, standards, frequencies, responsible personnel, and quality assurance measures.</li> <li>• A testing plan and log shall be maintained to record the date the test was conducted, the date the results were forwarded to the Engineer, and remarks that an Engineer approved testing laboratory was used. This will allow transparency in testing procedures and help track the progress of material approvals.</li> </ul>
9	Rework Items	Maintain a rework items list of work performed that does not comply with the Contract.	<ul style="list-style-type: none"> <li>• Create a Rework Log &amp; Tracker spreadsheet, detailing a list tracking work items requiring rework, responsible parties, deadlines, and completion status.</li> <li>• Ensure the Contractor is responsible for including on this list items needing rework including those identified by the Engineer.</li> </ul>
10	Maximum Density Testing	Perform density tests.	<ul style="list-style-type: none"> <li>• Create a Field Density Test Log spreadsheet, documenting test locations, dates, methods used, and results obtained.</li> </ul>
11	Samples and Tests Records	Maintain records of all samples and tests in the project files as permanent job records.	<ul style="list-style-type: none"> <li>• Maintain permanent records of all samples and test results in project files, including documentation of materials with failing tests.</li> <li>• Document in the project files all materials incorporated into the project, represented by failing tests.</li> </ul>
12	Transportation Mode Selection	Select the most economical mode of transportation available.	<ul style="list-style-type: none"> <li>• Create a Transportation Cost &amp; Efficiency Report, outlining transportation decisions, cost analysis, and justification for selected modes.</li> </ul>
13	Project Certification	Submit a Materials Certification Memorandum upon completion of the project.	<ul style="list-style-type: none"> <li>• Create a Materials Certification Memorandum sent to the Public Works Contract Administrator, detailing materials used, compliance status, and any non-conforming materials.</li> <li>• File a copy of the memorandum in the job files while noting all non-conforming materials on the memorandum such as materials accepted at reduced pay factors.</li> </ul>
14	Materials Certification Memorandum	A California licensed engineer shall sign the materials certification memorandum.	<ul style="list-style-type: none"> <li>• The materials certification memorandum signed by a California license engineer.</li> </ul>
15	Reporting Non-Compliant Results	Reported any Non-Compliance results to the City's Project Manager and City Project Inspector.	<ul style="list-style-type: none"> <li>• Create a Non-Compliance Incident Report, which is a detailed report outlining non-compliant findings, impact assessment, corrective actions taken, and documentation of discussions with the City.</li> <li>• Report all non-compliance material test results to the City within 24 hours of sampling.</li> </ul>





**City of Huntington Beach**  
**Request for Proposal for**  
**On-Call Construction Management, Materials Testing, and Inspection Services**

Inspection Tasks & Deliverables			
No.	Topics	Required Project Tasks	SYRUSA's Deliverables
1	Construction Documents Review	Review contract documents, plans and permits.	<ul style="list-style-type: none"><li>• Create a Construction Documents Review matrix that lists and categorizes required material to be reviewed.</li></ul>
2	Pre-construction Meetings	Attend the pre-construction meetings.	<ul style="list-style-type: none"><li>• Prepare agendas for pre-construction meetings.</li><li>• Develop meeting minutes, summarizing key meeting decisions and listing all action items.</li></ul>
3	Noticing Requirements	Monitor and enforce construction noticing requirements.	<ul style="list-style-type: none"><li>• Create a Construction Notice Compliance Log spreadsheet that tracks any notice distributions, responsible parties, required posting dates, and verification of compliance for SWPPP and other measures.</li></ul>
4	Field Diaries	Maintain field diary (bound workbooks) during construction.	<ul style="list-style-type: none"><li>• Create and maintain a field diary that includes equipment, labor and materials, a cumulative record of quantities constructed, daily and weekly reports, working day reports, change order documentation, photographs, and other documentation.</li></ul>
5	Fugitive Dust Control Plan & Haul Routes	Monitor the contractor's fugitive dust control plan.	<ul style="list-style-type: none"><li>• Create a Contractor's Dust Control Plan log spreadsheet, which will list any non-compliant dust occurrences, mitigations, and dates any non-compliance might have occurred.</li><li>• Ensure the Contractor is using approved haul routes and are maintained clean.</li></ul>
6	Construction Contract Compliance	Ensure compliance with the construction contract.	<ul style="list-style-type: none"><li>• Create a Non-Compliance Tracking Log spreadsheet that lists any non-compliance.</li><li>• Ensure compliance by continuously monitoring, evaluating, approving or rejecting the contractor's work in accordance with the approved construction contract documents</li></ul>
7	Contractor's Work	Determine that the Contractor's work is done following contract document requirements.	<ul style="list-style-type: none"><li>• Require special inspection or testing, or make recommendations to City regarding special inspection or testing of work not in accordance with the provisions of the contract documents whether or not such work is fabricated, installed or completed.</li></ul>
8	Photo Records of Project	Provide and maintain a digital photographic history of the progress of the project.	<ul style="list-style-type: none"><li>• Photos will also be taken of the following: 1. City-furnished equipment; 2. Showing existing conditions prior to construction; 3. Disputed work items; 4. Work that has to be duplicated, replaced, or removed; 5. Completed work; 6. Extra Work</li><li>• Create a Photo Tracking spreadsheet, which will categorize all photographs by date, location, etc.</li></ul>
9	Recording Construction Work Progress	Record the progress of the project.	<ul style="list-style-type: none"><li>• Develop a comprehensive daily reporting spreadsheet that tracks weather conditions, contractor and subcontractor activities, equipment usage, worker attendance, and progress milestones, ensuring thorough documentation for project oversight.</li><li>• Create and maintain a daily log containing a record of weather, contractor and subcontractor's work on site, contractor and subcontractor's equipment with hours on site, number and names of workers with hours on site, work accomplished, problems encountered, and other relevant data.</li><li>• Provide copies of daily logs to City as required, including information on contractor and the entire project, and showing percentages of completion.</li><li>• Daily Reports will be detailed enough to support Time and Material payments for the contractor's work in case of future disputes.</li></ul>



**City of Huntington Beach**  
**Request for Proposal for**  
**On-Call Construction Management, Materials Testing, and Inspection Services**

No.	Topics	Required Project Tasks	SYRUSA's Deliverables
10	Plans with Markups Showing Field Changes	Maintain one set of plans with markings and dimensions in red ink to denote field changes or other corrections.	<ul style="list-style-type: none"> <li>• Set of project plans: Mark field changes and corrections directly onto a set of plans using red ink and update that set of plans throughout the project as needed.</li> </ul>
11	Permits	Maintain copies of all permits.	<ul style="list-style-type: none"> <li>• Create a spreadsheet listing the copies of permits and certifications needed to construct the project.</li> <li>• Enforce special project requirements by verifying contractors' adherence to permit conditions and regulatory standards, preventing potential compliance issues.</li> </ul>

Labor Compliance Tasks & Deliverables			
No.	Topics	Required Project Tasks	SYRUSA's Deliverables
1	Inform Contractor of Wage Requirements	Inform contractor of wage requirements.	<ul style="list-style-type: none"> <li>• Create Meeting minutes summarizing key points and action items from the pre-construction meeting.</li> <li>• During the preconstruction meeting, address prevailing wage requirements, reporting, and applicable wage determinations to prevent misunderstandings and ensure compliance from the start.</li> </ul>
2	Compliance Monitoring and/or Reporting	Provide Davis-Bacon & State Wage compliance monitoring and/or reporting.	<ul style="list-style-type: none"> <li>• Create a Non-Compliance Tracking Spreadsheet that will list any non-compliance.</li> </ul>
3	DIR Inquiries/Requests	Respond to DIR Inquiries/Requests	<ul style="list-style-type: none"> <li>• Create a DIR inquiries tracking/requests spreadsheet listing any necessary action and required documentation.</li> </ul>
4	Miscellaneous Services	Provide administrative, clerical and investigative services, from pre-bid through project closeout.	<ul style="list-style-type: none"> <li>• Develop a Services Tracking Log, a spreadsheet designed to organize and categorize pending action items along with their corresponding services.</li> </ul>
5	Certified Payroll Reports	Review contractor submitted payrolls for accuracy.	<ul style="list-style-type: none"> <li>• Organize a labor compliance meeting that will discuss requirements, submittals, expectations, and review submitted certified payroll records (CPRs) for compliance with the applicable wage rates and draft meeting minutes with summary key points and any action items.</li> <li>• Receive, review, and maintain contractor's certified payrolls. Ensure contractors are properly uploading certified payroll records to the designated portal.</li> </ul>
6	Site Questionnaires	Perform site investigations during the course of the construction contract.	<ul style="list-style-type: none"> <li>• Conduct on-site inspections to assess working conditions, wage payments, and employer compliance with California Labor Code and Davis-Bacon regulations.</li> </ul>






**City of Huntington Beach  
Request for Proposal for**

**On-Call Construction Management, Materials Testing, and Inspection Services**

No.	Topics	Required Project Tasks	SYRUSA's Deliverables
7	Resolving Non-compliance Issues	Coordinate with California DIR in resolving non-compliance issues.	<ul style="list-style-type: none"><li>• Create and maintain a spreadsheet that lists any non-compliant issues, the involved parties, and action items corrective actions.</li></ul>
8	Final Report	Submit a final report to the City upon completion of each project.	<ul style="list-style-type: none"><li>• Create a final report summarizing any identified discrepancies and resolutions to those discrepancies affecting the project. Include supporting documentation, such as compliance records, corrective measures, and relevant communications.</li></ul>
9	Compliance Monitoring and/or Reporting	Defend certified payroll audits if conducted by controlling agency.	<ul style="list-style-type: none"><li>• Create a Payroll Record Archive, which is a project folder containing a collection of digital documents such as certified payroll records, wage rates, and timekeeping logs for audit verification.</li></ul>

**Schedule Control**  
 Diligent management of the schedule and appropriate construction activity results in expeditious high-quality completion.

**Environmental Compliance**  
 Proactively managing the environmental compliance process significantly reduces impacts to the schedule.

**Communication**  
 Effective communication at key intervals keeps City of Irvine informed without creating "information overload."

**Cost Control and Contract Change Orders**  
 Resolving design and construction issues before finalizing contract documents reduces contingencies and improves bidding climate.

**Quality**  
 Expertise in providing the means to control and measure characteristics, techniques, and activities that sustain and result in high levels of construction quality.



**City of Huntington Beach  
Request for Proposal for  
On-Call Construction Management, Materials Testing, and Inspection Services**

---

**5. Relevant Experience Supporting DB and/or PDB project delivery**

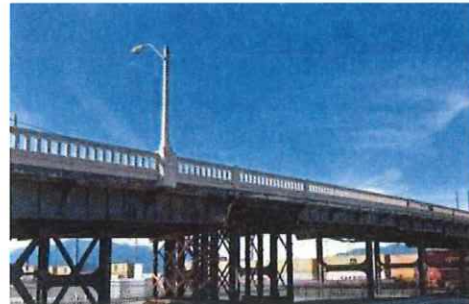
SYRUSA possesses experience in alternative project delivery methods including Design-Build, Construction Manager General Contractor (CMGC) also referred to as CMAR and Design Sequence. We have acquired alternative delivery projects experience through the following projects:

**I-10 Express Lanes Design Build Project, San Bernardino County Transportation Authority:**

- Owner: San Bernardino County Transportation Authority (SBCTA)
- Delivery Structure: Design Build
- Role: Construction Manager, Structures Manager, Project Manager, Inspectors
- Lessons Learned: Ensure TCEs have been agreed for the entire duration of construction, not just design phase.



- **Mount Vernon Viaduct Bridge:**
- Owner: San Bernardino County Transportation Authority (SBCTA)
- Delivery Structure: Design Build
- Role: Inspectors
- Lessons Learned: Have third party agreements prior to construction.





**City of Huntington Beach  
Request for Proposal for  
On-Call Construction Management, Materials Testing, and Inspection Services**

---

**SR-91 Express Lanes:**

- Owner: Riverside County Transportation Commission (RCTC)
- Delivery Structure: Design Build
- Role: Construction Manager, Inspectors
- Lessons Learned: Conduct Community Outreach sharing Traffic Handling Plan during construction.



**DBMA #5 Katella Substation:**

- Owner: City of Anaheim
- Delivery Structure: Design Build
- Role: Project Manager, Construction Manager
- Lessons Learned: Ensure prime self performs at least 51% of construction work.



**DBMA #6 Edwards Utility Complex:**

- Owner: City of Anaheim
- Delivery Structure: Design Build
- Role: Project Manager, Construction Manager
- Lessons Learned: Ensure prime self performs at least 51% of construction work.







## City of Huntington Beach Request for Proposal for

### On-Call Construction Management, Materials Testing, and Inspection Services

#### I-215 at Barton Road:

- Owner: San Bernardino County Transportation Authority (SBCTA)
- Delivery Structure: Construction Manager General Contractor (CMGC)
- Role: Construction Manager, Inspectors
- Lessons Learned: High burn rate of project support budget during design, leads to less additional cost in construction.



#### US-395/SR-58 at Kramer Junction:

- Owner: Caltrans
- Delivery Structure: Construction Manager General Contractor (CMGC)
- Role: Construction Manager, Inspectors
- Lessons Learned: Training to educate staff of alternate delivery methods.



#### 91-60/215 Design Sequence:

- Owner: Caltrans
- Delivery Structure: Design Build
- Role: Construction Manager, Inspectors
- Lessons Learned: Design team has to be able to deliver.

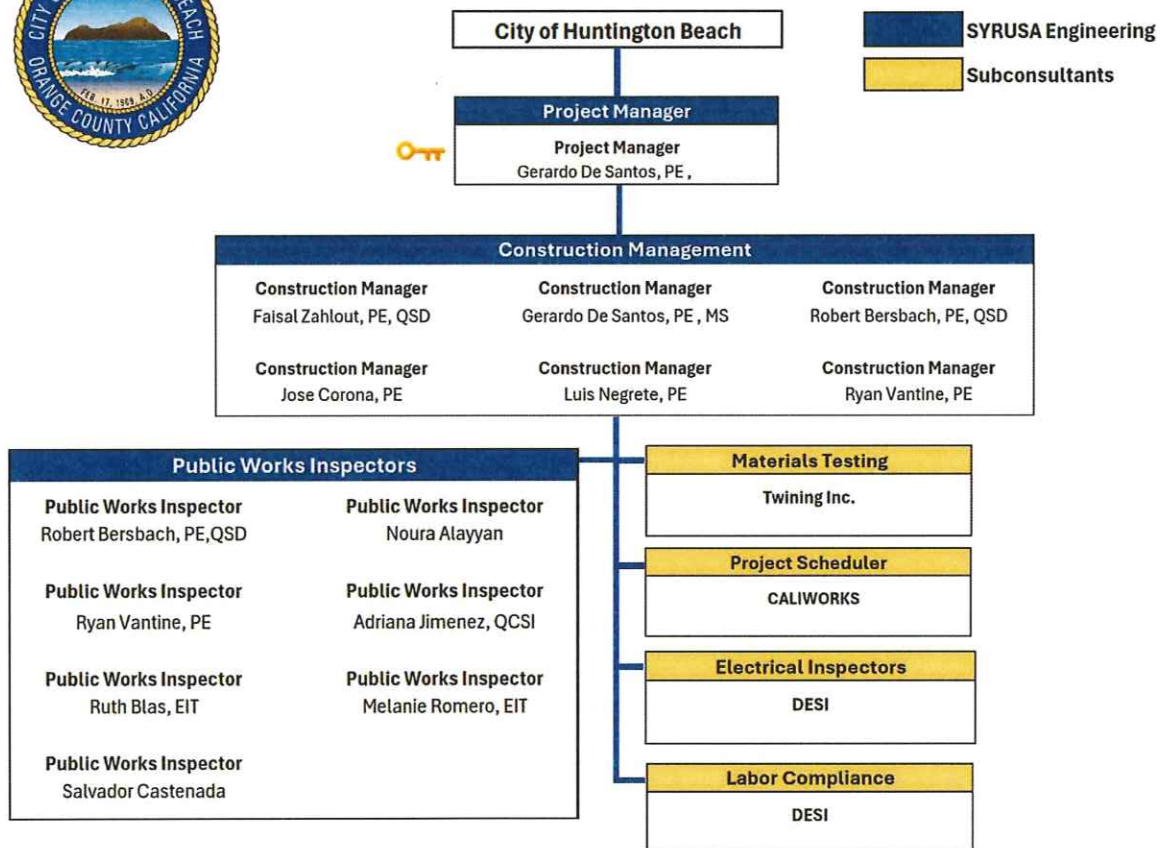


6. Resumes are included at the end of the proposal in the Appendix section.





## Preferred Staffing





## Understanding & Methodology

### A. Understanding of the City's objectives:

One of the City's objectives with this on-call contract is to implement alternative project delivery methods including Design-Build (DB) and Progressive-Design-Build (PDB). SYRUSA Engineering brings extensive experience in alternative project delivery methods, as well as Construction Manager General Contractor (CM/GC) experience. In addition to offering a full suite of construction management services, our firm's experience in these alternative delivery methods will ensure the successful completion of the City's projects.

SYRUSA is providing  
**CONSTRUCTION  
MANAGEMENT  
SERVICES** on  
SBCTA's I-10 Express Lanes DB  
Project, valued at  
\$679 Million.



SYRUSA  
successfully  
managed Caltrans'  
I-15 CV. Kane Rest  
Area Project valued  
at \$13M - a newly  
constructed vertical  
building.

In addition, our management team possesses expertise in Design-Build projects. Notably, Project Manager Jerry De Santos worked on the SR-22 Design-Build Project, Orange County's first ever design-build contract on public right-of-way – adding HOV and auxiliary lanes across direction a 12-mile corridor.

SYRUSA also possesses expertise in on-call contracts for Capital Improvement Projects for various public clients including the City of Anaheim, City of Irvine, Orange County Public Works, and the San Bernardino County Transportation Authority (SBCTA). Some projects our firm has managed include bridge, structures, utility improvements, and road rehabilitation work, with individual project values ranging from \$100,000 to \$5 million.



B. Innovative Solutions/Approaches:

**I-15 CV Kane Rest Area Project:**

SYRUSA provided construction management services for Caltrans on the I-15 Clyde V. Kane Rest Area Project.



I-15 CV Kane Rest Area Project

Before construction, SYRUSA conducted site visits and identified challenges including extreme weather fluctuations and remote location to concrete ready mix suppliers. Because this extreme weather would affect what times some construction activities could be done, such as concrete pours, it opened a risk of schedule delays and budget increases. However, through meetings and general communication with the designer, SYRUSA helped update the special provisions and modified concrete requirements, recommended substituting that ice be mixed with the cement instead of water, thereby reducing project time and cost that would have been encountered as a change order and recommending set retarding admixtures to allow for the long travel times to the site.

During construction, SYRUSA supervised construction work while some facilities remained open for public use. Some measures taken to allow for safe completion of the project during construction were the implementation of flaggers to direct traffic around the construction site and installing barricades to create physical barriers between pedestrians and/or traffic and the work.

**Auto Center Drive Grade Separation:**

The Auto Center Drive Grade Project, a \$22 million Design-Bid-Build (DBB) initiative in the City of Corona, was successfully completed ahead of schedule and under budget. Through SYRUSA's constructability reviews, \$2 million in savings were achieved by strategically using retaining walls during the staging phase. SYRUSA's expertise in both alternative and traditional delivery methods positions the



City of Corona: Auto Center Drive Grade Separation Project





firm to help the City of Huntington Beach mitigate cost overruns and eliminate schedule delays.

Ultimately, this project was recognized with the CMAA 2017 Project Achievement Award for excellence in construction management.

C. Client Satisfaction:

SYRUSA aims at delivering the highest quality of client satisfaction to the City of Huntington Beach Public Works staff throughout the on-call contract duration by conducting the following services: Check-ins, audits, and surveys.

**Check-Ins:**

Project Manager Jerry De Santos will conduct **periodic on-site check-ins** with the construction staff, the City of Huntington Beach Public Works Department, and the project site. These check-ins will serve as a supplementary form of quality assurance to ensure that field activities align with project specifications, timelines, and stakeholder expectations, while also allowing for real-time issue resolution should it be required.

**Audits:**

Jerry De Santos will audit the performance of the construction project by analyzing project areas such as the construction **schedule**, as well as reviewing the project **budget** to find and correct inefficiencies that could cause time and money losses. **Quality**, if any flaws are discovered during these audits, SYRUSA will prescribe timely corrective actions to minimize cost overruns and delays.

**Surveys:**

Project Manager Jerry De Santos will conduct **periodic surveys** with the City of Huntington Beach's Public Works staff involved with the on-call project to determine client and stakeholders' satisfaction throughout construction while hearing out any concerns and providing corrective measures in aspects of the project that do not meet expectations. Any areas of dissatisfaction will be addressed through corrective action plans.





# Appendix

SHOREBIRDS



**Firm**

SYRUSA Engineering, Inc.

**Years with Firm/Total**

25/2

**Education**

- MS, Civil Engineering, University of Irvine, CA, June 2001

**Certifications/Registrations**

- Civil Engineer in California, No. C62363

**Professional Associations**

- Member of ASCE

**Expertise**

- Structure Experience
- Excellent agency coordination skills
- Managed multiple projects/large staff simultaneously

## Gerardo (Jerry) De Santos, PE

### Project Manager

Mr. De Santos has 25 years of diverse engineering experience that includes Planning, Local Assistance, Design, Construction and Maintenance. Roles include, managing large complex structure projects, Clean CA Statewide Coordinator, Tunnels and Tubes Director in the Bay Area, District Director in Orange County. As a subject matter expert, teaching the Caltrans Winter Training Falsework Class in 2006, Foundations Class in 2015 and 2020, developing and presenting the Caltrans Falsework Academy, sponsor of the Caltrans Foundations Technical Team and a 17-year faculty member at Santa Ana College Division of Science, Mathematics, and Health Science in the Department of Physics and Astronomy. With his communication and soft skills has served as Cubmaster for four years and Scoutmaster for four years developing future leaders in our community.

Mr. De Santos has a wealth of knowledge, skills, and experience in delivering complex projects and successfully collaborating with many different internal and external stakeholders, with his natural ability to bring people together and find solutions. Jerry has current certifications of 8 hours Cal/OSHA safety training and current Defensive Driving, along with First Aid Certified.

#### RELEVANT PROJECT EXPERIENCE

##### **STRUCTURE MANAGER | I-10 Express Lanes DB | SBCTA | Construction Value: \$679 M | Duration on the Project: 09/2023 – current**

Project includes 8 replacement bridges and widening 16 existing bridges, 20 miles of new retaining walls, update existing storm drain systems, adding two express lanes, improving existing on and off ramps, enhance traffic striping to accommodate new car technologies. Mr. De Santos responsibilities include but not limited to review and authorize of construction submittal, RFIs, supervised field inspectors, project audit, monitor testing, coordinate between Caltrans structure design and DB contractor design, and oversee the As Built.

##### **AREA CONSTRUCTION MANAGER | 91/15 Design Build Express Lanes North Direct Connector | Caltrans District 8 | Construction Value: \$165 M | Duration on the Project: 08/2021 – 03/2022**

Project included tolling lanes systems, multiple flyovers, bridge replacement, landscaping, utilities, multiple sound walls, various type of retaining walls, HMA and PCC pavement, traffic signals, street improvement, drainage systems, and multiple ramps realignments. As manager for the structure work, he lead and managed the inspection team and agency coordination.

##### **AREA CONSTRUCTION MANAGER | I-15 Express Lanes Design Build | Caltrans District 8 | Construction Value: \$255 M | Duration on the Project: 12/2018 – 08/2021**

Project consist of 21 bridges and 16 sign structures. Adds toll lane and improvements, tolling system, subgrade preparation, drainage systems installation, concrete barriers, traffic signs, HMA/PCC pavement, striping, and traffic control. Responsible for leading and managing the inspection team, resolving issues and acceptance of the project.

##### **AREA CONSTRUCTION MANAGER | 395/58 Kramer Junction Expressway | Caltrans District 8 | Construction Value: \$191 M | Duration on the Project: 09/2017 – 11/2020**

This CM/GC project widens SR-58 expressway to 4 lanes, realigns roadway, provides grade separation at railroad crossing, includes new pavement, widens median, improve traffic safety, and increase volume of oversized vehicles. Mr. De Santos' was responsible for managing his first of the six CM/GC pilot program projects. Leading and managing the contract administration and inspection team.

##### **AREA CONSTRUCTION MANAGER | I-215 Widening | Caltrans District 8 | Construction Value: \$632 M | Duration on the Project: 04/2009 – 04/2012**

Project is a major corridor that connects residents, motorists, visitors, and goods movement in Southern California. The project adds a general use and carpool lane in both directions between I-10 and SR-210 and an auxiliary lane from approximately SR-210 to just south of University Parkway. Mr. De Santos' responsibilities include leading and managing the administration and inspection of the project and providing technical support with the innovative construction methods, customer service to multiple agencies and achieving final acceptance.



BOARD FOR PROFESSIONAL ENGINEERS,  
LAND SURVEYORS, AND GEOLOGISTS  
LICENSING DETAILS FOR: 62363

**NAME:** DE SANTOS, GERARDO

**LICENSE TYPE:** CIVIL ENGINEER

**LICENSE STATUS:** CLEAR

**ADDRESS**

5415 ROANOKE AVE  
YORBA LINDA CA 92887  
ORANGE COUNTY

**ISSUANCE DATE**

JUNE 28, 2001

**EXPIRATION DATE**

SEPTEMBER 30, 2025

**CURRENT DATE / TIME**

JANUARY 28, 2025  
12:23:41 PM

**Firm**

SYRUSA Engineering, Inc.

**Years with Firm/Total**

31/14

**Education**

- M.S., Civil Engineering,  
California State University  
Fullerton, CA - January 1997

**Certifications/Registrations**

- Civil Engineer in California,  
No. C60920
- Qualified SWPPP Developer,  
No. 21767

**Professional Associations**

- Member ASCE

**Expertise**

- Structure Experience
- Qualified SWPPP QSP/QSD
- California State University –  
Fullerton adjunct professor  
Civil Engineering
- Provided technical training for  
Caltrans and OCPW

## Faisal Zahlout, PE, QSD

### Construction Manager

Mr. Zahlout has over 30 years of civil engineering experience in Structure Construction, design, construction management and inspection of heavy civil projects. Mr. Zahlout served as Caltrans Senior Bridge Engineer for the I-10 and I-215 corridors in San Bernardino. Mr. Zahlout served the Riverside, San Bernardino, and Bishop Counties as Senior Bridge Engineer Specialist for Caltrans District 8 and 9 where he provided training and guidance for the office of structure construction and conducted record reviews for all projects regarding the structures. He served as vocal point for constructability review related to structures for district 8 and 9. He coordinated and participated in value analysis study for structure related aspects and served as contact structure engineer for encroachment permits in district 8 and 9. He also specializes in falsework for all temporary structures and shoring review. Mr. Zahlout was an instructor for the 2003 Winter Training regarding trenching and shoring for the office of Structure Construction in Caltrans. Mr. Zahlout was a member of the Substructure Committee for the office of structure construction. Also, he is a former faculty member at CSUF, where taught construction classes. Faisal has current certifications of 10 hours Cal/OSHA safety training and current Defensive Driving.

#### RELEVANT PROJECT EXPERIENCE

##### **STRUCTURES REP | I-10 Truck Climbing Lanes | SBCTA | Construction Value: \$39.5 M | Duration on the Project: 01/2024 – current**

This project is adding a truck climbing lane along eastbound I-10 in the City of Yucaipa from the 16th Overcrossing Bridge to 0.2 mile east of the County Line Road Undercrossing Bridge by paving the existing I-10 median.

Mr. Zahlout's responsibilities includes reviewing and approving all submittals, monitoring daily activities, RFIs.

##### **STRUCTURE MANAGER/CLAIMS SUPPORT | I-10 Design Build Express Lanes | SBCTA | Construction Value: \$679 M | Duration on the Project: 04/2020 – 12/2024**

Project includes 8 replacement bridges and widening 16 existing bridges, 20 miles of new retaining walls, update existing storm drain systems, adding two express lanes, improving existing on and off ramps, enhance traffic striping to accommodate new car technologies. Retaining walls types are type one, soil nails walls, soldier pile walls, tie back walls.

Mr. Zahlout is providing claims resolution support.

##### **STRUCTURE REP/RE | Cenda Ditch/Mountain Pass Bridge Replacement | Caltrans District 8 | Construction Value: \$11 M | Duration on the Project: 03/2016 – 08/2017**

The Mountain Pass Project which included replacement of Cenda Ditch Bridge Left and widening of Wheaton Wash Bridge Left. Project is located within environmentally sensitive area.

Mr. Zahlout responsibilities include but not limited to monitoring the bridge construction, review, and approval all submittals.

##### **ASSISTANT STRUCTURE REP | Barton Road OC Bridge Replacement | Caltrans District 8 | Construction Value: \$55 M | Duration on the Project: 05/2018 – 09/2018**

CM/CG project consists of replacing Barton Rd OC with new and higher bridge, multiple retaining walls and barriers, improvement to surrounding streets to improve traffic movement, utility upgrades, on and off ramp improvements to enhance movement of travelers on I-215.

Faisal was responsible for reviewing submittals, RFIs, supervising field inspectors, agency/contractor/utility coordination, and managing daily activities.

##### **STRUCTURE REP | Auto Center Drive Grade Separation | City of Corona | Construction Value: \$22M | Duration on the Project: 07/2013 – 11/2015**

Project includes \$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.

Mr. Zahlout was responsible for all construction activities, including complex staging, coordination with multiple utilities and agencies, and field inspections.

BOARD FOR PROFESSIONAL ENGINEERS,  
LAND SURVEYORS, AND GEOLOGISTS  
LICENSING DETAILS FOR: 60920

**NAME:** ZAHLOUT, FAISAL

**LICENSE TYPE:** CIVIL ENGINEER

**LICENSE STATUS:** CLEAR

**ADDRESS**

255 W. CENTRAL AVE. STE 204  
BREA CA 92821  
ORANGE COUNTY

**ISSUANCE DATE**

JULY 28, 2000

**EXPIRATION DATE**

DECEMBER 31, 2026

**CURRENT DATE / TIME**

APRIL 25, 2025  
9:10:7 AM



## **CERTIFICATE OF TRAINING**

**CALIFORNIA CONSTRUCTION GENERAL PERMIT**

# QUALIFIED SWPPP DEVELOPER (QSD) AND QUALIFIED SWPPP PRACTITIONER (QSP)

**Faisal Zahlout**

**Jan 05, 2024 - Jan 15, 2026**

*Certificate # 21767*



**California Stormwater Quality Association and  
California Construction General Permit Training Team**

**Firm**

SYRUSA Engineering, Inc.

**Years with Firm/Total**

31/3

**Education**

- BS, Civil Engineering, Cal Poly Pomona, May 1991

**Certifications/Registrations**

- Civil Engineer in California, No. C57807

**Professional Associations**

- N/A

**Expertise**

- Extensive Bridge Experience
- 100's of miles of Roadways managed

## Jose Corona, PE Construction Manager

Mr. Corona has over 31 years of extensive experience in Structure Construction and Construction Management. 20 years of state service with the California Department of Transportation, Division of Structures Construction, tenure included 9 years of Structures Field Engineer, 8 years as Senior Bridge Construction Engineer and one year as Area Bridge Construction Manager in District 08 and 09 (San Bernardino and Riverside Counties). Key projects include the 210/15 interchange which consisted of 21 Bridge Structures, reconstruction of the La Cienega and Venice Over Crossings in Los Angeles, Senior Bridge Engineer for the construction 210 Corridor from the LA County line to Rialto with SANBAG as responsible charge for all the consultant contracts including the Bridge retrofits in District 08. Other experiences include roadways, streets, street lighting, drainage channels, drainage structures, shoring, falsework, bridge demolition, temporary supports, storm drains, pump stations and sanitary sewers. Extensive experience in federally funded projects as it relates to compliance and documentation requirements, as well as funding reimbursement. Broad experience in project coordination with Caltrans, Utility companies, Railroads, cities, state agencies, and private property owners. Jose has current certifications of 8 hours Cal/OSHA

safety training and current Defensive Driving, along with First Aid Certified.

### RELEVANT PROJECT EXPERIENCE

#### **CONSTRUCTION MANAGER | I-10 Express Lanes DB | SBCTA | Construction Value: \$679 M | Duration on the Project: 07/2021 – current**

Work includes various complete bridge demos, bridge widenings, new bridge construction for CIP and precast girders, temporary shoring and falsework, temporary utility bridges, retaining walls, soil nail walls, JPCP, various types of drainage structures, 55 hour pavement operations, utility relocation, right of way acquisition and coordination with numerous cities and stake holders, and tolling stations. As Construction Manager Mr. Corona oversees the construction for the design build project.

#### **STRUCTURE REP | Streeter Ave GS Project | City of Riverside | Construction Value: \$15 M | Duration on the Project: 2012 – 2015**

Streeter Avenue Grade Separation project provides for the lowering of Streeter Avenue under the UPRR railroad tracks. The project scope includes the construction of two parallel bridges, one to carry Dewey Avenue traffic that parallels and is immediately adjacent to the tracks, and another bridge to carry UPRR/BNSF/Metrolink trains over Streeter Avenue. Jose was the Structure Representative from start to end, responsible for all road work/ street realignment, bridge construction, railroad coordination, construction of pump station, ADA compliance, contract change orders, pay estimates, RFI and submittal review, project closeout, PR with stakeholders.

#### **STRUCTURE REP | Iowa Ave GS | City of Riverside | Construction Value: | Duration on the Project: \$13 M 2013 – 2014**

This project provided for the separation of a major arterial street from the BNSF mainline tracks within an industrial area of the city. Iowa Avenue was reconstructed to cross over the tracks, mechanically stabilized earth retaining walls were used to narrow the fill footprint of Iowa Avenue, and reconfiguration of utility facilities for the realignment of several street intersections. Jose was the Structure Representative from beginning to end, responsible for all road work/ street realignment, bridge construction, railroad coordination, contract change orders, pay estimates, RFI and submittal review schedule review, ADA compliance, project closeout, PR with stakeholders.

#### **STRUCTURE REP | Magnolia Ave GS | City of Riverside | Construction Value: \$18 M | Duration on the Project: 2010 – 2012**

This project involved constructing a railroad underpass at the Magnolia Avenue/Union Pacific Railroad (UPRR) at-grade crossing in the City of Riverside. Jose was the Structure Representative representing the city of Riverside Public works department responsible for all road work/ street realignment, bridge construction, railroad coordination, contract change orders, pay estimates, RFI and submittal review, schedule review, ADA compliance, project closeout, PR with the stakeholders.

BOARD FOR PROFESSIONAL ENGINEERS,  
LAND SURVEYORS, AND GEOLOGISTS  
LICENSING DETAILS FOR: 57807

**NAME:** CORONA, JOSE LUIS  
**LICENSE TYPE:** CIVIL ENGINEER  
**LICENSE STATUS:** CLEAR  
**ADDRESS**  
255 W. CENTRAL AVE #204  
BREA CA 92821  
ORANGE COUNTY

**ISSUANCE DATE**  
OCTOBER 3, 1997  
**EXPIRATION DATE**  
MARCH 31, 2026  
**CURRENT DATE / TIME**  
MAY 21, 2024  
11:15:25 AM



**Firm**

SYRUSA Engineering, Inc.

**Years with Firm/Total**

24/2

**Education**

- BS, Civil Engineering, Cal State Sacramento, 1998

**Certifications/Registrations**

- CA, Civil Engineer, No. 64949
- Defensive Driving Training Certified
- 8 hr. Construction Safety Orientation Class
- Current Driver's License
- ACI, CTM, First Aid

**Professional Associations**

- N/A

**Expertise**

- Structure Experience
- Multiple agency coordination
- Retaining Wall Expert
- ACI certified
- CTM
- Temporary Pedestrian Training

## Luis Negrete, PE

### Construction Manager

Mr. Negrete has 24 years of experience on infrastructure construction projects. His experience brings strong technical skills and engineering judgement to all projects, helping to deliver on time and on budget, as well as the ability to manage multiple projects simultaneously. He also has excellent leadership qualities and communication skills. Luis works well as part of a team or independently, as required of him. Luis's experience on highway and rail projects, 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. Luis is ACI certified and has current certifications of 10 hours Cal/OSHA safety training, Defensive Driving, Confined Spaces, Temporary Pedestrian Access, CTM and First Aid.

**RELEVANT PROJECT EXPERIENCE****STRUCTURE REP/RE | I-15 Corridor Freight and Express Lanes | SBCTA |**

**Construction Value: \$535 M | Duration on the Project: 02/2025 – current**

The 8-mile project from Cantu-Galleano Ranch Road in Jurupa Valley to just north of Foothill Boulevard in Rancho Cucamonga will add express lanes in the median of I-15 to join the existing express lanes in Riverside County. As Structure Representative Luis's duties included but not limited to reviewing submittals, RFI review and response, project oversight.

**STRUCTURE SUPPORT ASSISTANT | I-10 Design Build Express Lanes | SBCTA |**

**Construction Value: \$679 M | Duration on the Project: 02/2023 – current**

Project includes 8 replacement bridges and widening 16 existing bridges, 20 miles of new retaining walls, update existing storm drain systems, adding two express lanes, improving existing on and off ramps, enhance traffic striping to accommodate new car technologies.

Mr. Negrete assists with construction submittals, RFIs, supervised field inspectors, project audit, monitor testing, and coordinate between Caltrans structure design.

**RESIDENT ENGINEER/SR | SR-91/I-15 Express Connect | Caltrans District 8 | Construction Value: \$165 M | Duration on the Project: 08/2021 – 06/2022**

Project included landscaping, utilities, multiple sound walls, various type of retaining walls, HMA and PCC pavement, traffic signals, street improvement, drainage systems, multiple ramps realignments, multiple flyovers, and bridge replacement. As Structure Representative Luis's duties included but not limited to reviewing submittals, RFI review and response, project oversight.

**RESIDENT ENGINEER/SR | Ortega Highway Safety Improvements | Caltrans District 8 | Construction Value: \$39 M | Duration on the Project: 09/2021 – 06/2022**

The Safety Project included multiple types of retaining walls, required night and weekend work, heavy traffic control, staging, SWPPP, work in environmentally sensitive areas, and multiple retaining walls. Responsible for traffic coordination, daily inspection monitoring, SWPPP.

**RESIDENT ENGINEER/SR | Pachappa Union Pacific Railroad Tie In | Caltrans District 8 | Construction Value: \$8 M | Duration on the Project: 12/2020 – 01/2022**

Projects included multiple types of retaining walls, required night and weekend work, heavy traffic control, staging, SWPPP, work in environmentally sensitive areas, and multiple retaining walls. As Structure Representative Luis's duties included but not limited to falsework review, submittals review, structure reviews and inspection.

**RESIDENT ENGINEER/SR | I-15 Express Lanes Design Build | Caltrans District 59 | Construction Value: \$255 M | Duration on the Project: 10/2018 – 08/2021**

Project consist of 21 bridges and 16 sign structures. Adds toll lane and improvements, tolling system, subgrade preparation, drainage systems installation, concrete barriers, traffic signs, HMA/PCC pavement, striping, and traffic control. Responsible for monitoring daily activities, traffic control, SWPPP, jobsite safety, and preparing daily reports.

BOARD FOR PROFESSIONAL ENGINEERS,  
LAND SURVEYORS, AND GEOLOGISTS  
LICENSING DETAILS FOR: 64949

**NAME:** NEGRETE, JUAN LUIS  
**LICENSE TYPE:** CIVIL ENGINEER  
**LICENSE STATUS:** CLEAR  
**ADDRESS**  
8221 ILEX STREET #47  
FONTANA CA 92335  
SAN BERNARDINO COUNTY

**ISSUANCE DATE**  
JANUARY 23, 2003

**EXPIRATION DATE**  
JUNE 30, 2025

**CURRENT DATE / TIME**  
JUNE 11, 2025  
12:24:10 PM



**Firm**

SYRUSA Engineering, Inc.

**Years with Firm/Total**

10/9

**Education**

- M.S., Civil Engineering, California State University Fullerton, CA - January 2016

**Certifications/Registrations**

- Professional Engineer (Civil), CA # C89852
- Qualified SWPPP Developer (QSD) & Qualified SWPPP Practitioner (QSP) CA Certificate # 27339
- Cal/OSHA Confined Space Entry
- Temporary Pedestrian Access
- ACI Concrete Field Testing OSHA 10-Hour Construction
- First Aid/CPR
- Defensive Driving

**Professional Associations**

- N/A

**Expertise**

- Lead Construction Inspector Experience
- Bridge Experience
- Roadway Experience
- Qualified SWPPP QSD/QSP

## Robert Bersbach, PE, QSD/QSP

### Construction Manager

Mr. Bersbach has a BS and MS in Civil Engineering from an ABET accredited university. Robert has PE and seven years of experience in construction. Robert is experienced in roadway and structure construction inspection, quantity calculations, checking grades and alignments, materials sampling, and control. Robert has the ability to identify actual and potential problems associated with the construction project and recommend sound engineering solutions, maintain an awareness of safety and health requirements and assuring compliance with applicable regulations and construction contract provisions for the protection of the public and construction project personnel, and preparing calculations, records, reports, and correspondence related to construction project activities. Robert has experience with document control and office engineer works, field survey, grade checking, storm drain construction, submittals review, falsework erection and removal, temporary shoring, jacking and receiving pits, prestressing and grouting operations, profilograph and grinding operation, joint seals installation, JPCP, HMA, Midwest Guardrail System, concrete barrier, traffic control, striping, building inspection, quantity sheets calculation, pay estimate preparation, CCOs, force account analysis, extra work preparation, daily field inspection, SWPPP inspection, and As-Built and final records.

Mr. Bersbach is ACI certified and has current certifications of 10 hours Cal/OSHA safety training, current Defensive Driving, and Covid-19 Safety Training.

**RELEVANT PROJECT EXPERIENCE****ASSISTANT RESIDENT ENGINEER | I-210 Improvement Project | Caltrans District 7 | Construction Value: \$135.5 M | Duration on the Project: 06/2020 – 02/2024**

Project includes replacement of joint seals for 14 bridges, upgrade concrete barrier for 8 bridges, widening multiple bridges, upgrade existing storm drains, and adding Midwest Guard Rails to multiple areas. Responsibilities: included but not limited to field daily inspection, field survey, concrete pour inspection, falsework erection and removal monitoring, trenching and shoring, SWPPP inspection and reporting.

**ASSISTANT RESIDENT ENGINEER | I-5 Improvement Project | Caltrans District 7 | Construction Value: \$138 M | Duration on the Project: 08/2019 – 01/2020**

The Interstate 5 roadway improvement project located in Santa Clarita. Project includes full lane replacement with JPCP, individual slab replacement, stage construction striping, traffic control, HMA shoulders and ramps, upgrade existing storm drains, and adding Midwest

Guard Rails to multiple area. Responsibilities: include but not limited to field daily inspection, field survey, concrete pour inspection, trenching and shoring, SWPPP inspection and reporting.

**ASSISTANT RESIDENT ENGINEER | CV Kane Rest Area | Caltrans District 8 | Construction Value: \$13 M | Duration on the Project: 08/2018 – 08/2019**

Project included two buildings, three picnic areas, one information center, two water tanks, sidewalks and ADA ramps, new parking lots, streetlights, drainage systems, and other new improvements. Mr. Bersbach responsibilities include but not limited to make sure the work is in conformance with the plans and specification and completed the project safely on time and budget, field inspection, field survey, submittal of daily reports, quantity sheets calculation, monthly pay estimates, SWPPP inspection, and monitoring extra work and prepared extra work bills, worked on project files.

**ASSISTANT RESIDENT ENGINEER | Cenda Ditch/Mountain Pass Bridge Replacement | Caltrans District 8 | Construction Value: \$11 M | Duration on the Project: 03/2017 – 08/2018**

The Mountain Pass Project which included replacement of Cenda Ditch Bridge Left and widening of Wheaton Wash Bridge Left. Project is located within environmentally sensitive area. Mr. Bersbach responsibilities include but not limited to monitoring the bridge construction, HMA pavement, field survey, foundation construction, concrete pour, prestressing and routing operation, profilograph and grinding operations, joint seal type B installation, concrete barrier, construction of CISS piles, SWPPP monitoring, monitored and ensured safety at the job site.



BOARD FOR PROFESSIONAL ENGINEERS,  
LAND SURVEYORS, AND GEOLOGISTS  
LICENSING DETAILS FOR: 89852

**NAME:** BERSBACH, ROBERT

**LICENSE TYPE:** CIVIL ENGINEER

**LICENSE STATUS:** CLEAR

**ADDRESS**

15964 PILOT AVE

CHINO CA 91708

SAN BERNARDINO COUNTY

**ISSUANCE DATE**

JANUARY 18, 2019

**EXPIRATION DATE**

JUNE 30, 2027

**CURRENT DATE / TIME**

JUNE 11, 2025  
12:15:22 PM

## **CERTIFICATE OF TRAINING**

**CALIFORNIA CONSTRUCTION GENERAL PERMIT**

# QUALIFIED SWPPP DEVELOPER (QSD) AND QUALIFIED SWPPP PRACTITIONER (QSP)

**Robert Bersbach**

Sep 20, 2023 - Nov 01, 2025

*Certificate # 27339*



**California Stormwater Quality Association and  
California Construction General Permit Training Team**

**Firm**

SYRUSA Engineering, Inc.

**Years with Firm/Total**

10/9

**Education**

- M.S., Civil Engineering, University of California Los Angeles, CA - June 2014

**Certifications/Registrations**

- Civil Engineer in California, No. C94427
- Cal/OSHA Confined Space Entry
- Temporary Pedestrian Access
- ACI Concrete Field Testing
- OSHA 10-Hour Construction
- First Aid/CPR
- Defensive Driving

**Professional Associations**

- N/A

**Expertise**

- Structure Experience
- Multiple agency coordination
- Retaining Wall Expert
- ACI certified
- Temporary Pedestrian Training

## Ryan Vantine, PE

### Construction Manager

Ryan has experience in construction management, inspection and maintenance of highways, roadway bridges, and tunnels. His experience includes Massachusetts DOT where he inspected various roadways and other structures. Also, Ryan worked with Caltrans as construction inspector for District 7 and 8 inspecting highways and bridges as well as grade separation. Mr. Vantine is well-versed with all Caltrans construction manuals and structure construction manuals. Ryan 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 has current certifications of 10 hours Cal/OSHA safety training, Defensive Driving, Confined Spaces, Temporary Pedestrian Access and First Aid.

**RELEVANT PROJECT EXPERIENCE****RE/STRUCTURE REP | SR-71 Freeway Conversion Project, Phase 1 | Caltrans District 59 (7) | Construction Value: \$174 M | Duration on the Project: 05/2021 – current**

This project is phase 1 of two phases to extend the existing 71 freeway between the 60 freeway and the 57 freeway. Phase 1 includes construction on all retaining walls that include soil nails wall, ground anchors walls, type one walls, and soldier pile system walls. Mr. Vantine is working as Resident Engineer/Structure Rep for a team of 6 Assist SRs.

**ARE/ASR | Hobart Yard Bridge Widening/I-710 Rehab Project | Caltrans District 7 | Construction Value: \$150 M | Duration on the Project: 11/2020 – 04/2021**

This project from Slauson Avenue to SR-60 is part of \$150 million federal and state funded improvements to I-710, including widening Hobart Yard Bridge which spans over multiple BNSF tracks 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, as well as improvements to existing storm drainage systems, pavement rehabilitation, and new signage. Mr. Vantine was responsible for drafting 4-scale

models, running profilograph to identify must-grinds.

**ASSISTANT RE | Clay Avenue Grade Separation | RCTD | Construction Value: \$17 M | Duration on the Project: 11/2017 – 12/2018**

\$17 million grade separation involved lowering the street 20 below the UPRR tracks. Temporary shoebox was constructed to move trains to avoid disruption to the line and Clay Avenue traffic, which is a collector road connecting two major roads, new precast girders bridge was constructed, trains were returned to normal activity. Ryan's responsibilities included field survey, field inspection for compliance with plans and specifications, daily reports, quantity sheets calculations.

**ARE/ASR | LA-110-405 Interchange Improvement | Caltrans District 7 | Construction Value: \$25 M | Duration on the Project: 09/2019 – 10/2020**

Project includes multiple retaining walls types one, tie-back walls, and soil nail walls. Ryan responsibilities include but not limited to field survey, field inspection for compliance with the plans and specifications, prepare daily reports, daily quantity sheets calculation, rebar inspection, concrete pour monitoring, drilling for tie back anchors inspections, inspection for drilling soil nails, inspection of installation of soil nails rods and tie back strands, monitor stressing tie backs and strands.

**ARE/ASR | Tie Back Wall | Caltrans District 7 | Construction Value: \$11 M | Duration on the Project: 12/2018 – 09/2019**

Project included construction of tie back wall to support the slope from sliding under Pacific Coast Highway in Malibu. Ryan's Duties included but are not limited to the following: field survey, grades sheets preparation, concrete pour inspection, drilling for tie back inspection, monitored installation of the stressing strands, monitored stressing operation, inspected concrete pour, maintained daily activity logs and daily inspection reports including project photos, supported and assisted with reviewing submitted shop drawings, assisted with reviewing and prepared quantity calculation sheets.



BOARD FOR PROFESSIONAL ENGINEERS,  
LAND SURVEYORS, AND GEOLOGISTS  
LICENSING DETAILS FOR: 94427

**NAME:** VANTINE, RYAN PATRICK

**LICENSE TYPE:** CIVIL ENGINEER

**LICENSE STATUS:** CLEAR

**ADDRESS**

170 WASH AVE

APT E

BURBANK CA 91502

LOS ANGELES COUNTY

**ISSUANCE DATE**

OCTOBER 13, 2022

**EXPIRATION DATE**

MARCH 31, 2027

**CURRENT DATE / TIME**

APRIL 25, 2025

9:8:45 AM

**Firm**

SYRUSA Engineering, Inc.

**Years with Firm/Total**

5/2

**Education**

- B.S., Civil Engineering, Cal Poly Pomona, CA - December 2021

**Certifications/Registrations**

- CA EIT No. 1775317
- Cal/OSHA Confined Space Entry
- Temporary Pedestrian Access
- ACI Concrete Field Testing
- OSHA 10-Hour Construction
- First Aid/CPR
- Defensive Driving

**Professional Associations**

- N/A

**Expertise**

- Quick learner
- Excellent communications skills
- Field inspection experience

## Ruth Blas, EIT

### Public Works Inspector

Ruth has a Bachelor of Science degree from an ABET accredited university and experience working on major public works projects for multiple agencies. Ruth has served in many different capacities, building a strong understanding of different aspects of projects. Ms. Blas is a strong communicator who works well as a part of a team and a self-starter who is able to work independently.

**RELEVANT PROJECT EXPERIENCE****ROADWAY INSPECTOR | I-215 University Parkway Interchange | SBCTA |**

**Construction Value: \$25.77 M | Duration on the Project: 10/2024 – current**

The project is designed to decrease congestion and improve freeway access to I-215 and University Parkway, (SBCTA) and the City of San Bernardino, in cooperation with Caltrans District 8, will construct a Diverging Diamond (DDI) which will provide a safer way to travel while minimizing the cost of new infrastructure. Responsibilities include but not limited to review plans and specs, monitoring crews, daily reports, SWPPP monitoring, traffic handling, and tracking project progress for means of quantity payments.

**ROADWAY/CONSTRUCTION INSPECTOR | Rehabilitate Pavement Project | Caltrans**

**District 11 | Construction Value: \$50 M | Duration on the Project: 01/2024 –**

**09/2024**

Individual slab replacement project in San Diego on NB 125 in Lemon Grove.

Ruth is working nights overseeing traffic control, grinding and concrete pouring.

**CONSTRUCTION INSPECTOR | On-Call Multiple Bridge Rehab Projects | OCPW |**

**Construction Value: \$1.1 M | Duration on the Project: 11/2022 – 04/2023**

Project included the Oso Bridge and Crown Valley Bridge over Arroyo Trabuco Creek

rehabilitation. Both projects included waterproofing inside existing bridge soffits, removing unsound concrete areas and repairing spalled surface areas under and over bridge decks. The projects included treatment of the bridge decks (applying methacrylate), creating new soffit openings, crack repairs, and performing hydro-excavations to install new drainage outlets near the bridges. Ruth performed continuous on-site inspections of all construction worked performed. Her responsibilities included, but were not limited to, daily confined space inspections, daily reports, SWPPP monitoring, and tracking project progress for means of quantity payments.

**ROADWAY/CONSTRUCTION INSPECTOR | SR-99 Improvement Projects | Caltrans D10/D59 | Construction Value: \$18.1 M | Duration on the Project: 07/2022 – 11/2022**

Project included construction, resurfacing, and restoring the pavement on State Route 99 in Merced County from 0.4 mile south of Buhach Overcrossing to 0.8 mile north of West Atwater Overhead. Ruth's responsibilities included, but were not limited to, daily inspections, daily reports, scheduling, traffic control, and SWPPP monitoring.

**ROADWAY/CONSTRUCTION INSPECTOR | Approach Slab and Pump Station Project | Caltrans D10 | Construction Value: \$1.2 M | Duration on the Project: 07/2022 – 11/2022**

Project included replacement of eight existing approach slabs (Type R Approach Slabs) and installation of five new Sign Structures on Route 99. Project included investigating unsound concrete on columns under multiple bridges on the I-5 Freeway in the city of Los Banos, CA. Ruth's responsibilities included daily inspections and daily reports, surveying for accurate elevations, calculating theoretical concrete pour quantities and completing progress pay estimates, scheduling, monitoring acceptance tests (compaction and skid tests), and SWPPP monitoring.

**ROADWAY INSPECTOR | I-10 Corridor Express Lanes Design-Build Contract 1 | SBCTA | Construction Value: \$679 M | Duration on the Project: 11/2021 – 07/2022**

Project consists of eight new bridges, widening of 10 existing bridges, improvements to 14 existing bridges, 79 retaining walls, adding two express lanes in each direction, auxiliary lanes, overhead sign structures, HMA paving, JCPC paving, multiple drainage systems, improvements to existing drainage systems, new striping, and multiple overhead structures for the toll roads collection system. Ruth worked on tracking the progress/schedules on toll pads/CCTVs, and reviewed grade elevations on 4-scales for bridges and soil nail walls and ground anchor walls.

**Firm**

SYRUSA Engineering, Inc.

**Years with Firm/Total**

4/2

**Education**

- BS Civil Engineering,  
University of Irvine, CA  
2023

**Certifications/Registrations**

- CA EIT #23-249-17
- Cal/OSHA Confined Space  
Entry
- ACI Concrete Field Testing
- OSHA 10-Hour  
Construction
- First Aid/CPR
- Defensive Driving

**Professional Associations**

- N/A

**Expertise**

- Quick learner
- Excellent  
communications skills
- Field inspection  
experience

## Melanie Romero, EIT

### Public Works Inspector

Melanie is detailed oriented and fluent in Spanish. Ms. Romero is a strong communicator who works well as a part of a team and a self-starter who is able to work independently. Ms. Romero is a quick learner and a great asset to the SYRUSA team. Ms. Romero has a strong understanding of different aspects of projects. Ms. Romero is knowledgeable with preparing subgrades for retaining walls type one, checking footing and stem form, reinforcing steel placement, field survey, SWPPP and safety weekly inspection reports, and daily reports.

Ms. Romero is a self-starter, with a great work ethic. She has demonstrated a strong desire to learn and grow in this industry.

Melanie has current certifications of 10 hours Cal/OSHA safety training, Defensive Driving.

#### RELEVANT PROJECT EXPERIENCE

##### **FIELD INSPECTOR/STRUCTURAL INSPECTOR | Mount Vernon Avenue Viaduct over BNSF Railway Intermodal Yard | SBCTA | Construction Value: \$230 M | Duration on the Project: 01/2024 – current**

The new Mt. Vernon Avenue Bridge will include the following improvements, Design criteria will meet the latest structural safety and seismic standards, ADA compliant structure that features widened travel lanes, a center median, widened sidewalks and new bike lanes, Open for travel to pedestrians, bicyclists, motorists, and commercial vehicles, Ensure westside San Bernardino residents and businesses have a safe, reliable bridge that will

continue to serve the community for generations to come. Melanie's responsibilities include but not limited to review plans and specs, monitoring multiple crews working, daily reports.

##### **ROADWAY CONSTRUCTION INSPECTOR | Pavement Delineation Project | Caltrans District 11 | Construction Value: \$unknown | Duration on the Project: 08/2023 – 11/2023**

Melanie is working as a roadway construction inspector on a project that consists of grinding, pavement, delineation markings and striping in various locations in and around Imperial and San Diego counties. Duties include but are not limited to reviewing plans, traffic control, daily diaries, tracking quantities.

##### **ROADWAY CONSTRUCTION INSPECTOR | Overlay Pavement Project | Caltrans District 11 | Construction Value: \$unknown | Duration on the Project: 08/2023 – 11/2023**

Melanie is working as a roadway construction inspector on a project that consists of placing RHMA-G(BWC) overlay, pavement marking, & rumble strip in San Diego County Near Boulevard at Crestwood Undercrossing. Duties include but are not limited to reviewing plans, traffic control, daily diaries, tracking quantities.

##### **FIELD INSPECTOR | I-10 Express Lanes Design Build | SBCTA | Construction Value: \$679 M | Duration on the Project: 04/2020 – 06/2023**

Melanie is working as a field inspector on the I-10 Corridor Express Lanes project under the discipline of paving, including HMA on the shoulders and on ramps, JPCP, approach slabs, overhead sign structures, striping, traffic control and safety. Melanie's other duties include but are not limited to tracking RFIs and submittals, daily diaries, coordinating dig alerts, tracking quantities for paving and overhead sign structures, and communicating with foreman for CIDH piles.



**Firm**

SYRUSA Engineering, Inc.

**Years with Firm/Total**

6/5

**Education**

- Bachelor of Science Civil Engineering, Cal Poly Pomona

**Certifications/Registrations**

- Cal/OSHA Confined Space Entry
- Temporary Pedestrian Access
- ACI Concrete Field Testing
- OSHA 10-Hour Construction
- First Aid/CPR
- Defensive Driving

**Professional Associations**

- N/A

**Expertise**

- Office engineer on award winning Barton Rd Bridge Replacement
- Force account analysis experience
- As additional asset has field inspection experience.

## Noura Alayyan

### Public Works Inspector

Ms. Alayyan has more than 6 years of construction inspection experience of transportation projects, storm drain systems, sewer lines, potable water line, reclaimed water lines, sidewalks, ADA ramps, concrete barrier, MSE walls, retaining walls type one, grading roads and HWYs, HMA and PCC Pavement, embankment construction, and bridge construction.

Ms. Alayyan is experienced with construction inspection, quantity calculations, checking grade and alignment, falsework erection and removal, trenching and shoring, soffit and stems concrete pour, deck construction and concrete pour, profilograph and grinding, joint seals installation, material sampling and control, safeguarding, and assuring compliance with project plans and specifications, preparing calculations, records, reports, correspondence related to construction project activities, AS Built Plans. Noura had performed, reviewed, and analyzed critical path schedule (CPM) and time impact analysis (TIA) submittals, prepared recommendations, and presentations to the local agencies for possible mitigation plans to overcome the issues of delay. Noura had prepared NOPCs and resolutions for NOPCs..

**RELEVANT PROJECT EXPERIENCE****ROADWAY/STRUCTURE INSPECTOR | SR-71 Extension Project | Caltrans District 7 |**

**Construction Value: \$110 M | Duration on the Project: 02/2022 – current**

Present This project extends 71 FWY from 60 FWY to I-10 FWY and includes multiple retaining walls including soil nail walls, SHGA walls, type one walls, box culverts, drainage systems, and other improvement to this segment. This improvement project is considered as stage one to be followed by stage two which will include all bridges to complete the extension of the freeway. Noura's responsibilities include, but are not limited to, field survey, field inspection for compliance with the plans and specifications, preparing daily reports, daily quantity sheets calculation, rebar inspection, concrete pour monitoring, CIDH piles under slurry displacement method inspection, inspection for drilling soil nails, inspection of

installation of soil nails rods and tie back strands, monitor stressing tie backs and strands, and preparing inspection reports and stressing results.

**ASST RE/OFFICE ENGINEER | Laguna Niguel Track Siding Train Station Project Design-Build | OCTA | Construction Value: \$55 M | Duration on the Project: 05/2019 – 01/2021**

This project includes multiple retaining walls, adding new Railroad track, multiple storms drain system, improvement to loading area, and improvements to the parking lot. As an Assistant Resident Engineer/Office Engineer, Noura's responsibilities include document control, maintaining meeting minutes, maintaining, and updating submittal logs, maintaining and updating RFI logs, maintaining the testing log, and expediting testing so that there is no delay to the contractor. She also performs occasional field inspections.

**ASST STRUCTURE REP/OFFICE ENGINEER | Barton Road OC Bridge Replacement Design-Build | Caltrans District 8 | Construction Value: \$35 M | Duration on the Project: 01/2018 – 05/2019**

This project included replacing the existing bridge with new a PS/CIP box girder bridge over I-215, retaining walls and barriers, new on and off ramps, and improvements to the surrounding streets and other utilities. The project was constructed under Caltrans specifications. As Asst Structure Representative/Office Engineer, Noura's responsibilities included document control and construction inspection. She was responsible for maintaining all files, monitoring submittals and RFIs, indexing all records, and maintaining hard copies and electronic copies on district server. Noura worked closely with the material lab for all testing requirements, monitored subgrade construction to ensure full compliance with specifications, actively monitored the buy America clause to ensure compliance with federal guidelines, prepared weekly progress meeting minutes, and inspected the site for SWPPP compliance and prepared weekly SWPPP reports.

**Firm**

SYRUSA Engineering, Inc.

**Years with Firm/Total**

1/37

**Education**

- N/A

**Certifications/Registrations**

- Cal/OSHA Confined Space Entry
- Temporary Pedestrian Access
- OSHA 10-Hour Construction
- First Aid/CPR
- Defensive Driving

**Professional Associations**

- N/A

**Expertise**

- Contractor and Construction Management Experience
- Bridge Maintenance and Construction Expertise
- Supervisor and Lead Worker Experience.

## Salvador Castaneda

### Public Works Inspector

Mr. Castaneda has over 37 years of experience working in the construction field on major public works projects. Over the 37 years, 22 years were performing hard general labor work operating equipment doing all types of work from building pre-cast concrete elements, to landscape, fence, and guardrail repair. The last Fifteen years Salvador has been a supervisor, overseeing the crew in the repairs of guardrail, supervision of the Vactor crew in the storm drain cleaning, eight of those years as Bridge Maintenance supervisor, with a crew of 7 members. Inspection of bridges, plans, and schedule for repairs, coordinating with other agencies and divisions for Maintenance projects. First Aid/CPR certified, Defensive Driving Training, CA Driver's License, can operate various types of equipment, loader, grader, forklift, crane and truck and trailer.

**RELEVANT PROJECT EXPERIENCE****ROADWAY/STRUCTURE INSPECTOR | I-10 Truck Climbing Lanes | SBCTA |****Construction Value: \$39.5 M | Duration on the Project: 05/2024 – current**

The project will replace the existing center barrier in the center median, restripe EB 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. This project is adding a truck climbing lane along eastbound I-10 in the City of Yucaipa from the 16th Overcrossing Bridge to 0.2 mile east of the County Line Road Undercrossing Bridge by paving the existing I-10 median. Salvador's responsibilities include, but are not limited to, Responsible for traffic coordination, daily

inspection monitoring, jobsite safety and preparing daily reports.

**Bridge Crew Supervisor | Multiple Various Bridges | Caltrans District 8 | Construction Value: \$N/A | Duration on the Project: 09/2015 – 04/2024**

Responsible for the maintenance and repairs of bridge structures of multiple various bridges throughout San Bernardino & Riverside Counties. Responsibilities were conduct safety meetings, perform safety reviews, review bridge maintenance reports, conduct inspections, lanes closures, create T&M work orders, traffic control, equipment, materials, coordinate work with other divisions, review monthly reports. Inspection of concrete, timber railing repair, joint seals, joint seal assemblies, approach slabs, temp steel plates on joints, concrete and asphalt repairs.

**Supervisor | Storm Water/Vactor Crew | Caltrans District 8 | Construction Value: \$N/A | Duration on the Project: 01/2012 – 10/2012**

Project included cleaning and maintenance of drains and culverts throughout District 8. Installing BMPs for SWPPP compliance. Responsible for a 6-man crew, to schedule trainings, plan and schedule work, schedule closures and out of town trips for drain clean out in the desert and mountain areas.

**Lead Inspector | Guardrail Repairs | Caltrans District 8 | Construction Value: \$N/A | Duration on the Project: 10/2010 – 11/2012**

The project was to oversee contractor work for the guardrail repairs throughout District 8 in San Bernardino and Riverside Counties. Duties were to locate and identify service requests with CHP reports for the repairs of rail damaged. Scheduled work and closures, created task orders and work orders, supervised, inspected, and confirmed work performed by contractor, signed, and approved task orders, completed progress payment.

**Construction Inspector | Various Projects | Caltrans District 8 & 12 | Construction Value: \$N/A | Duration on the Project: 1986 – 2008**

Various projects creating work plans, lane closures, traffic control, keeping records of employees/equipment/vehicles, and materials used in each job throughout the Inland Empire. Various projects included landscape, fence and guardrail repair, chain link fence repair, center median concrete wall and metal beam guard rail repairs throughout Orange County.



**Firm**

SYRUSA Engineering, Inc.

**Years with Firm/Total**

2/4

**Education**

- BSCE California State University Long Beach, 2021

**Certifications/Registrations**

- Cal/OSHA Confined Space Entry
- Temporary Pedestrian Access
- ACI Concrete Field Testing
- OSHA 10-Hour Construction
- First Aid/CPR
- Defensive Driving

**Professional Associations**

- N/A

**Expertise**

- Structures
- Scheduling
- Value Engineering
- Bid Document Preparation/Bid Support
- Federally Funded Projects
- State Funded Projects
- Locally Funded Projects

## Adriana Jimenez

### Public Works Inspector

Ms. Jimenez has over 2 years of experience in roadway inspection and construction inspection. Ms. Jimenez is strong in performing distinct functions of project management. Her strengths include field data collection and investigation, structure data reporting and documentation, project controls, scheduling, inspection, and development of technical engineering reports. Additionally, Adriana can develop a good rapport with diverse groups including contractors, owners, and is able to work well with technical information. Ms. Jimenez is knowledgeable with preparing subgrades for retaining walls type one, checking footing and stem form, reinforcing steel placement, field survey, and daily reports. Ms. Jimenez is quick to learn new responsibilities and technological innovations, able to take on challenging tasks, and adapts well to work environments. Adriana has a proven record of being able to work independently in addition to be a valued team member. Ms. Jimenez is knowledgeable with computers, computer applications, and computer software programs such as Microsoft Office (Word, Excel, PowerPoint, and Others).

Ms. Jimenez is a self-starter, with a great work ethic. She has demonstrated a strong desire to learn and grow in this industry.

Adriana has current certifications of 10 hours Cal/OSHA safety training, Defensive Driving, Covid-19 Safety Training, ACI Concrete Field-Testing Technician, Qualified and Compliance Inspector of Stormwater- QCIS.

#### RELEVANT PROJECT EXPERIENCE

##### **Construction Inspector | I-10/Cedar Avenue Interchange Project | SBCTA |**

**Construction Value: \$112.5 M | Duration on the Project: 04/2023 – current**

The San Bernardino County Transportation Authority (SBCTA), the County of San Bernardino, City of Fontana, and City of Rialto will improve Cedar Avenue between Bloomington Avenue and Orange Street in the unincorporated community of Bloomington. As a major north-south arterial that experiences high levels of traffic congestion resulting in low levels of service, the

project is designed to relieve congestion, enhance safety, and improve traffic operations. The project will widen Cedar Ave from six lanes to 10 lanes, provide new bridge railings and sidewalks on Cedar Ave, replace Cedar Ave over the train tracks and add additional lanes at the on and off ramps. Adriana's responsibilities include but not limited to field inspection for compliance with the plans and specifications, prepare daily reports, daily quantity sheets calculation.

##### **Construction Inspector | I-10/Alabama Street Improvements Project | SBCTA | Construction Value: \$14.3 M | Duration on the Project: 02/2022 – 03/2023**

Projects consists of interchange improvements between Orange Tree Lane and Industrial Park Avenue to improve safety and traffic operations. It includes widening a Alabama Street in both directions to accommodate turn pockets onto I-10, provides ADA ramps, pedestrian push buttons and signals, and detectable warning surfaces at intersections where crosswalks are included, HMA paving, PCC paving, drainage systems, and retaining walls. Adriana's responsibilities include inspection of HMA and PCC pavement, drainage systems, retaining walls, ADA ramps, sidewalk and street improvements, SWPPP, and document control.

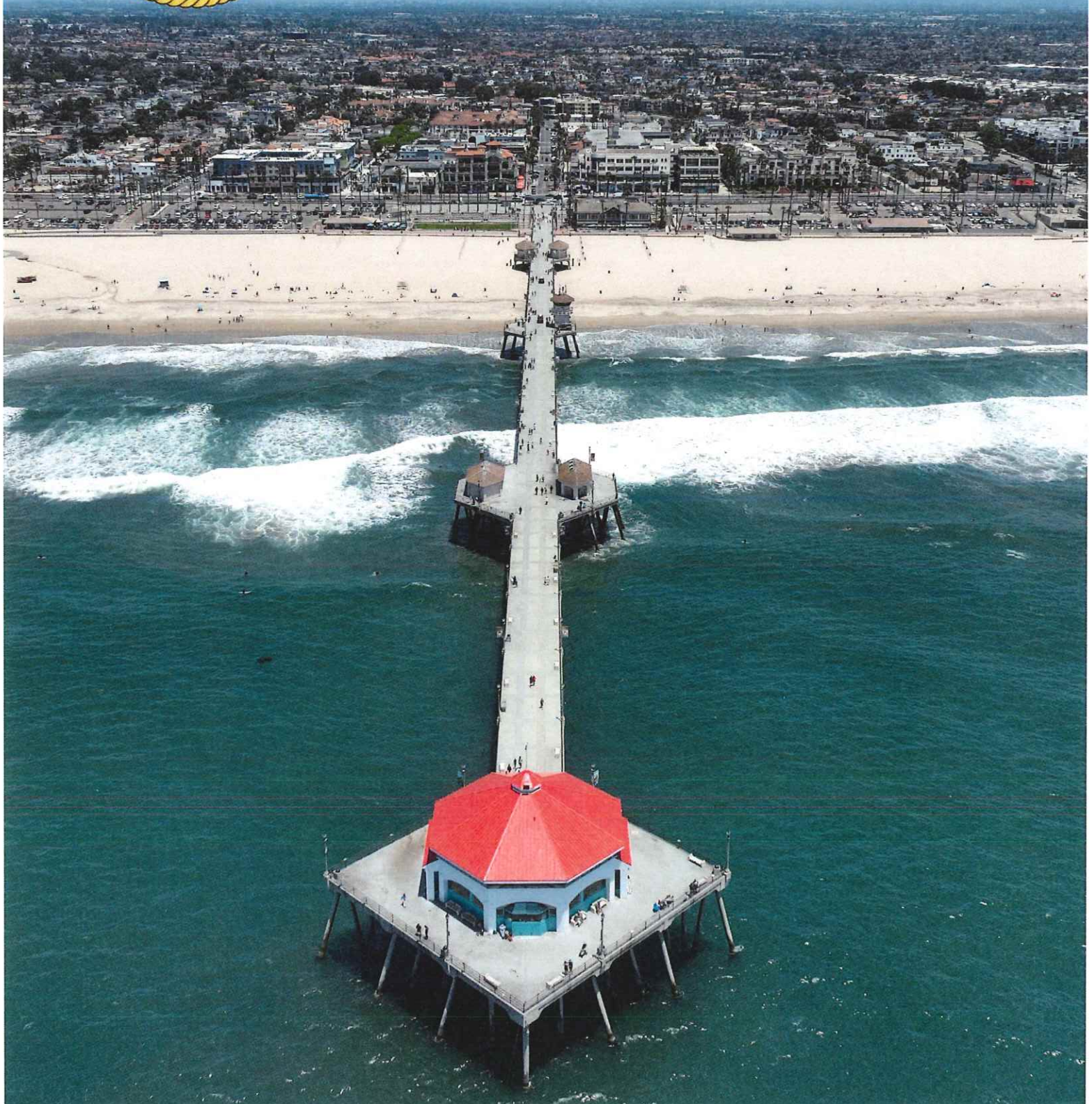
##### **Inspector | I-10 Express Lanes Design Build | SBCTA | Construction Value: \$679 M | Duration on the Project: 01/2022 – 02/2022**

Project consists of eight new bridges, widening 10 existing bridges, improvements to 14r existing bridges, 79 retaining walls including type one, type five, soil nails, SHGA walls, soldier piles walls, sound walls, adding two express lanes each direction, auxiliary lanes, overhead sign structures, HMA paving, JCPC paving, multiple drainage systems, improvements to existing drainage systems, new striping, and multiple overhead structures for the toll roads collection system. Ms. Jimenez worked with QVe structure inspectors for retaining walls one. Responsibilities included field survey, subgrades validation, form check, reinforcement validation, concrete pour check.





SYRUSA Engineering, Inc.  
255 W Central Ave, Suite 204  
Brea, CA 92821





## **EXHIBIT "B"**

### Payment Schedule (Hourly Payment)

A. Hourly Rate

CONSULTANT'S fees for such services shall be based upon the following hourly rate and cost schedule:

**SEE ATTACHED EXHIBIT B**

B. Travel. Charges for time during travel are not reimbursable

C. Billing

1. All billing shall be done monthly in fifteen (15) minute increments and matched to an appropriate breakdown of the time that was taken to perform that work and who performed it.
2. Each month's bill should include a total to date. That total should provide, at a glance, the total fees and costs incurred to date for the project.
3. A copy of memoranda, letters, reports, calculations and other documentation prepared by CONSULTANT may be required to be submitted to CITY to demonstrate progress toward completion of tasks. In the event CITY rejects or has comments on any such product, CITY shall identify specific requirements for satisfactory completion.
4. CONSULTANT shall submit to CITY an invoice for each monthly payment due. Such invoice shall:
  - A) Reference this Agreement;
  - B) Describe the services performed;
  - C) Show the total amount of the payment due;
  - D) Include a certification by a principal member of CONSULTANT's firm that the work has been performed in accordance with the provisions of this Agreement; and
  - E) For all payments include an estimate of the percentage of work completed.

Upon submission of any such invoice, if CITY is satisfied that CONSULTANT is making satisfactory progress toward completion of tasks in accordance with this Agreement, CITY shall approve the invoice, in which event payment shall be made within thirty (30) days of receipt of the invoice by CITY. Such approval shall not be unreasonably withheld. If CITY does not approve an invoice, CITY shall notify CONSULTANT in writing of the reasons for non-approval and the schedule of performance set forth in **Exhibit "A"** may at the option of CITY be suspended until the parties agree that past performance by CONSULTANT is in, or has been brought into compliance, or until this Agreement has expired or is terminated as provided herein.

5. Any billings for extra work or additional services authorized in advance and in writing by CITY shall be invoiced separately to CITY. Such invoice shall contain all of the information required above, and in addition shall list the hours expended and hourly rate charged for such time. Such invoices shall be approved by CITY if the work performed is in accordance with the extra work or additional services requested, and if CITY is satisfied that the statement of hours worked and costs incurred is accurate. Such approval shall not be unreasonably withheld. Any dispute between the parties concerning payment of such an invoice shall be treated as separate and apart from the ongoing performance of the remainder of this Agreement.



EXHIBIT B



## Rate Sheet

# ON-CALL CONSTRUCTION MANAGEMENT, MATERIALS TESTING, and INSPECTION SERVICES

Public Works Department  
CITY OF HUNTINGTON BEACH





Per California Public Records Act (CPRA): California Government Code § 7922.605 (a) explicitly states that records such as corporate financial records which includes confidential business information. Qualification Documents: Documents submitted by companies during pre-qualification processes, including financial statements, are exempt from disclosure.

Complete proposed pricing on Attachment E and enclose it in a separately sealed and labeled envelope to be submitted as part of the Proposal.

Per California Public Records Act (CPRA): California Government Code § 7922.705 from disclosure any records including Pre-Qualification Documents: Documents submitted by companies during prequalification processes, including financial statements, are exempt from disclosure.

In summary, California law provides clear exemptions under the CPRA that protect a company's cost proposals and proprietary information from public disclosure, ensuring that sensitive business data remains confidential when submitted to government agencies.

Hourly Rate Schedule by Classification		
SYRUSA Engineering		
Staff Classification	Hourly Rate Range	Overtime Rate
Project Manager (PE)	\$347.70 - \$382.47	\$347.70 - \$382.47
Construction Manager (PE)	\$287.09 - \$382.47	\$287.09 - \$382.47
Public Works Inspector (Prevailing Wage)	\$198.27 - \$233.12	\$297.41 - \$349.67
Electrical Inspector (Prevailing Wage)	\$219.65 - \$241.62	\$329.48 - \$362.43
Labor Compliance - Manager	\$211.20 - \$232.32	\$211.20 - \$232.32
Labor Compliance - Specialist	\$98.56 - \$108.42	\$98.56 - \$108.42
Scheduler	\$250.00 - \$275.00	\$250.00 - \$275.00
Materials Testing	* See attached Schedule of Fees	

**Notes:**

1. Hourly rate includes Vehicle, Cellular Phone, Personal Equipment and Profit. For inspection personnel, labor hours start and end at the job site.
2. Hourly rate included the overhead multiplier of 115.85% and 10% fee applied.
3. Labor hours are estimated. Payments for labor will be based on actual hours worked at jobsite. When contractor does not work, there will be no charges for inspection.

\*Attached is the Schedule of Fees for material testing.



## Schedule Of Fees for the City of Huntington Beach

NOTE: Rates will be hold unit 2029 as per the City's RFP

Personnel Rates: Per Hour Unless Otherwise Noted

Task Code	Engineering And Consulting Personnel	Rate
10026	Senior Principal Advisor/Consultant	\$ 390.00
10001	Principal Engineer/Geologist	\$ 280.00
10017	Metallurgical Engineer	\$ 390.00
70000	Registered Geotechnical Engineer	\$ 280.00
10010	Technical Advisor	\$ 260.00
10011	Material Scientist, Welding/NDT Consultant	\$ 275.00
70003	Registered Geologist/Certified Engineering Geologist	\$ 275.00
10003	Senior Engineer/Geologist	\$ 250.00
10009	Registered Civil Engineer	\$ 240.00
60003	Roofing/Waterproofing Consultant	\$ 265.00
10013	Project Engineer/Manager	\$ 235.00
30000	Quality Control Manager	\$ 235.00
10005	Senior Staff Engineer/Geologist	\$ 220.00
10007	Staff Engineer/Geologist	\$ 205.00
10015	Quality Control Administrator	\$ 205.00
10019	Metallurgical Technician	\$ 175.00
90001	CADD Operator/Draftsperson	\$ 160.00
95103	Administrative Support	\$ 105.00
70107	Field Supervisor	\$ 195.00
91030	Safety Supervisor	\$ 195.00
20000	Laboratory Manager	\$ 180.00
98000	Laboratory Technician	\$ 155.00
90005	Expert Witness Testimony	\$ 630.00
91010	Qualified SWPPP Developer	\$ 220.00
91000	Qualified SWPPP Practitioner	\$ 205.00
30001	Vibration Engineer	\$ 240.00

Task Code	Field Inspection Personnel	Rate
10101	Concrete/Reinforced Steel Inspector	\$ 139.00
10103	Prestressed/Post Tensioned Inspector	\$ 139.00
10105	Concrete ICC Inspector	\$ 139.00
10109	Drilled-In-Anchor Inspector	\$ 139.00
10111	Gunite/Shotcrete Inspector	\$ 139.00
10113	Masonry Inspector	\$ 139.00
10201	Structural Steel/Welding Inspector	\$ 139.00
10203	AWS Certified Welding Inspector	\$ 139.00
10207	Fireproofing Inspector	\$ 139.00
10501	Lead Inspector	\$ 142.00
10115	Firestop Special Inspector - IFC Premier	\$ 160.00
10117	Firestop Special Inspector - IQP	\$ 205.00
70109	L.A. Deputy Grading Inspector	\$ 150.00
75001	Asphalt Field and Plant Inspector/Technician	\$ 139.00
70103	Pile Driving Inspector	\$ 139.00
70101	Soils Technician	\$ 139.00
10107	Concrete Quality Control (ACI/Caltrans Technician)	\$ 139.00
10122	Wood Framing Inspector	\$ 139.00
60001	Roofing/Waterproofing Inspector	\$ 150.00
10500	Public Works Inspector	\$ 155.00
10515	Mechanical Inspector	\$ 185.00
10519	Electrical Inspector	\$ 185.00
10521	Plumbing Inspector	\$ 185.00
10523	Building Inspector	\$ 185.00
30002	Vibration Monitoring Technician	\$ 160.00
50003	Field Engineering Technician	\$ 139.00

Task Code	Shop Inspection Personnel	Rate
10301	Structural Steel Fabrication Inspector	\$ 139.00
10309	Batch Plant Quality Control Technician/Inspector	\$ 139.00
10325	Glue-Laminated Fabrication Inspector	Quotation
10328	Pre-Cast Concrete/Pipe Fabrication Inspector	\$ 139.00

Task Code	Nondestructive Testing Personnel	Rate
10401	NDE Ultrasonic Testing Technician	\$ 145.00
10403	NDE Magnetic Particle Testing Technician	\$ 145.00
10405	NDE Dye Penetrant Testing Technician	\$ 145.00
10305	Combination NDE Technician/Welding Inspector	\$ 145.00
10409	Radiographic Testing (Crew Of 2)	Quotation
10020	NDE Engineer	\$ 255.00

Task Code	Equipment Usage (Daily Unless Otherwise Noted)	Rate
95318	Skidmore	\$ 51.00
95309	Torque Wrench, Small	\$ 21.00
95312	Torque Wrench, Large	\$ 32.00

Task Code	Concrete Specimen Preparation	Rate
20151	Sawing Of Specimens (Each)	\$ 54.00
20157	Coring Of Specimens In Lab (Each)	\$ 54.00

Task Code	Equipment Usage (Daily Unless Otherwise Noted), Continued	Rate
95315	Torque Multiplier	\$ 48.00
95321	Air Meter	\$ 37.00
95322	Unit Weight Bucket	\$ 28.00
95323	Field Concrete Scale	\$ 37.00
95324	2" x 2" x 2" Mold	\$ 26.00
95343	Nuclear Gauge (Per Hour)	\$ 13.00
95319	Sand Cone Density Test Equipment	\$ 60.00
95333	Pull Test Equipment	\$ 74.00
95348	Concrete/Asphalt Coring Equipment	\$ 720.00
95336	Floor Flatness (Dipstick)	\$ 63.00
95330	Schmidt Hammer	\$ 48.00
95341	Vapor Emission Test Kits	\$ 58.00
95342	Relative Humidity Probe	\$ 90.00
95339	UPV (Ultrasonic Pulse Velocity) Meter	\$ 420.00
95351	Fireproofing Adhesion/Cohesion (Per Test)	\$ 42.00
95300	A Scan Ultrasonic Equipment And Consumables	\$ 100.00
95303	Magnetic Particle Equipment And Consumables	\$ 53.00
95306	Liquid Penetrant Consumables	\$ 48.00
95307	Phased Array Ultrasonic Equipment (Per Hour)	\$ 105.00
95347	Ground Penetrating Radar	\$ 399.00
95345	Impact Echo	\$ 405.00
95362	Ultrasonic Tomography	\$ 525.00
95349	Inertial Profiler (Per Hour)	Quotation
95352	Borescope	\$ 315.00
95356	Infrared Camera	\$ 105.00
95357	Project Dedicated Vehicle	\$ 189.00
95364	Roller Compacted Concrete Vibrating Hammer/Tamping Plate	\$ 84.00
95367	Half-Cell Potential Equipment Set	\$ 405.00
95368	Concrete Electrical Resistivity Meter	\$ 189.00
95369	Field Hardness (Steel)	\$ 116.00
95370	Coating Thickness Gauge	\$ 166.00
95373	Curing Box (Not Temperature Controlled, One-Time Fee/Per Box)	\$ 788.00
95371	Temperature Control Curing Box (Per Month)	\$ 525.00
95372	Temperature Matching Curing Box (Per Month)	\$ 599.00

Task Code	Specimen Pick-Up	Rate
20100	Soil/Aggregate Sample (Each)	\$ 55.00
20102	Standard Sample: Concrete Cylinders (Each)	\$ 36.00
20101	Standard Sample: Mortar/Grout Cubes And Cores, Fireproofing, Rebar, And Epoxy Prisms (Each)	\$ 36.00
20103	Oversize Sample: Masonry Prisms And Shotcrete Panels (Each)	\$ 94.00
20104	Oversize Sample: Flexural Beams (Each)	\$ 94.00
20107	Technician For Specimen Pick-Up Not Listed Above (Per Hour, 2-Hour Minimum)	\$ 160.00
20109	Technician For Specimen Pick-Up Before 5:00 a.m. Or After 5:00 p.m. Monday Thru Friday, Or All Day Saturday (Per Hour, 2-Hour Minimum Plus Mileage)	\$ 220.00

Task Code	Jobsite Trailer, Mobile Or On-site Laboratory	Rate
95360	Portable Or Mobile Laboratory Unit	Quotation
95374	Jobsite Trailer, Conex, Or Equipment Storage Box	Quotation

Task Code	Concrete Tests (Field Made Specimens)	Rate
20201	6" x 12" Cylinder Compression Strength (ASTM C39)	\$ 49.00
20202	4" x 8" Cylinder Compression Strength (ASTM C39)	\$ 43.00
20203	Density Of Structural Lightweight Concrete Equilibrium Oven Dry Method (ASTM C567)	\$ 107.00
20205	Core Compression Including Trimming (ASTM C42)	\$ 97.00
20207	6" x 6" x 18" Flexural Beams Not Exceeding Referenced Size (ASTM C78, C293 or CTM 523)	\$ 134.00
20209	Splitting Tensile Strength (ASTM C496)	\$ 134.00
20211	Modulus Of Elasticity Test (ASTM C469)	\$ 348.00
80003	Rapid Chloride Permeability Test: Cylinders Or Cores (ASTM C1202)	\$ 610.00
80006	Density, Absorption, And Voids In Hardened Concrete (ASTM C642)	\$ 610.00
40005	Flexural Toughness (ASTM C1609, Formerly ASTM C1018)	\$ 963.00
40006	Double Punch Strength Of Fiber Reinforced Concrete	\$ 642.00
40009	Coefficient Of Thermal Expansion Of Concrete (CRD 39, AASHTO T336)	\$ 696.00
40012	Bulk Electrical Resistivity (One Age Of Testing, ASTM C1876)	\$ 172.00
80013	Flexural Tensile Strength Of Metallic Fiber Reinforced Concrete Beam (EN 14651)	\$ 1,070.00

Task Code	Qualification Of Cements	Rate
80100	Chemical Analysis Of Portland Cement Per Standard Requirements (ASTM C150)	\$ 803.00





20159	Grinding Of Concrete Below 6000 psi Strength (Each)	\$	97.00
20160	Grinding Of Concrete 6000 psi Strength And Above (Each)	\$	118.00

Task Code	Laboratory Trial Batch: Concrete, Cement And Mortar	Rate
30216	Compression Test 4" x 8" Cylinders Made And Tested In Laboratory (ASTM C192, C35)	\$ 63.00
30217	Compression Test 6" x 12" Cylinders Made And Tested In Laboratory (ASTM C192, C35)	\$ 73.00
30219	6" x 6" x 18" Flexural Beams Made And Tested In Laboratory (ASTM C192, C78)	\$ 150.00
30223	Splitting Tensile Strength Cylinders Made And Tested In Laboratory (ASTM C192, C496)	\$ 150.00
30225	Modulus Of Elasticity Test Cylinders Made And Tested In Laboratory (ASTM C192, C469)	\$ 364.00
30227	Density Of Structural Lightweight Concrete Made In Laboratory, Equilibrium Or Oven Dry Method (ASTM C567)	\$ 124.00
30237	Bulk Electrical Resistivity (ASTM C1876)	\$ 188.00
30201	Laboratory Trial Batch (ASTM C192/Lab Procedure Performance)	\$ 589.00
30203	Concrete Mixture Design For Preconstruction Evaluation And Backup Data Development	\$ 343.00
30205	Drying Shrinkage Up To 28 Days, Three 3" x 3" Or 4" x 4" Bars, Five Readings Up To 28 Dry Days (ASTM C157)	\$ 557.00
30230	Additional Reading, Per Set Of Three Bars	\$ 65.00
30231	Storage Over Ninety (90) Days, Per Set Of Three Bars, Per Month	\$ 54.00
30207	Setting Time Up To 7 Hours (ASTM C403)	\$ 214.00
30209	Bleeding (ASTM C232)	\$ 193.00
30229	Concrete Restrained Expansion (ASTM C878)	\$ 749.00
30211	Mix, Make And Test Mortar Or Grout Specimens For Compressive Strength: Set Of 6 (ASTM C878)	\$ 642.00
20263	Non-Shrink Grout: Height Change After Final Set (ASTM C1090)	\$ 642.00
20265	Non-Shrink Grout: Height Change At Early Age (ASTM C827)	\$ 910.00
30232	Cracking Resistance, Set Of Three Rings, Laboratory Trial Batching, Test Until Cracking Or Up To 28 Days (ASTM 1581)	\$ 6,634.00
30233	Evaluation Of Pre-Packaged Masonry Mortars (ASTM C270)	\$ 1,391.00
30234	Creep (ASTM C512) (One Age Of Loading, 12 Months Duration Of Testing)	\$ 9,095.00
80198	Laboratory Development Of Strength-Maturity Curve Without Establishing Datum Temperature (Up To 5 Testing Ages, ASTM C1074)	\$ 3,424.00
80199	Laboratory Development Of Strength-Maturity Curve With Establishing Datum Temperature (Up To 5 Testing Ages, ASTM C1074)	\$ 5,664.00

Task Code	Evaluation Of Mixing Water For Concrete	Rate
80246	Evaluation Of Mixing Water For Concrete Per The Requirements Of ASTM C1602, Table 1 (Physical Properties Of Mortar), Per Sample	\$ 1,070.00
80248	Evaluation Of Mixing Water For Concrete Per The Requirements Of Caltrans, Section 90, Per Sample	\$ 1,284.00

Task Code	Concrete - Chemical Analysis, Transport Properties, Service Life Modeling, Petrographic Examination	Rate
80123	Acid-Soluble Chloride Analysis (ASTM C1152) (Includes Sample Prep)	\$ 134.00
80126	Water-Soluble Chloride Analysis (ASTM C1218) (Includes Sample Prep)	\$ 161.00
80193	Chloride Diffusion Coefficient Of Cementitious Mixtures By Bulk Diffusion (ASTM C1556)	\$ 2,996.00
80159	Bulk Resistivity (ASTM C1876) And Formation Factor	\$ 696.00
80204	Chloride Binding Isotherm	\$ 910.00
80206	Analytical And Experimental (ASTM C1556) Modeling Of Service Life Of Concrete Per Life-365 Model, Per Mixture Design	\$ 8,560.00
80208	Analytical And Experimental (NordTest) Modeling Of Service Life Of Concrete Per FIB Model Code 34, Per Mixture Design	\$ 8,560.00
80210	Non-Steady State Chloride Migration Coefficient, NordTest 492	\$ 669.00
80212	Petrographic Examination Of Hardened Concrete, Level I (ASTM C856) (Excludes Thin Section), Per Sample	\$ 1,750.00
80129	Petrographic Examination Of Hardened Concrete, Level II (ASTM C856) Includes Thin Section, Per Sample	\$ 2,250.00
80218	Petrographic Examination Of Hardened Concrete, Level III (ASTM C856/C1723) (Thin Section And SEM/EDX), Per Sample	\$ 3,500.00
80222	W/CM Determination (NordTest Build 361)	\$ 1,338.00
80224	Examination Of Volumetric Proportions Of Hardened Concrete (ASTM C457), Per Sample	\$ 535.00
80228	Air Void Analysis Of Hardened Concrete (ASTM C457), Per Sample	\$ 750.00
80232	Electron Microscopy (ASTM C1723)	\$ 803.00
80234	Paste Carbonation Analysis, Per Sample	\$ 268.00
80238	Insoluble Residue Analysis (ASTM C1324)	Quotation
80240	Alkali-Silica - Damage Rating Index (DRI), Per Sample	\$ 1,338.00

Task Code	Soils And Aggregate Tests, Continued	Rate
70393	Collapse Potential/Index (ASTM D5333)	\$ 232.00
70396	Compressive Strength Of Molded Soil-Cement Cylinders (ASTM D1633)	\$ 109.00
70309	Consolidation Test Full Cycle (ASTM 2435, CTM 219)	\$ 205.00
70311	Consolidation Test Time Rate Per Load Increment	\$ 47.00

80103	Physical Testing Of Portland Cement Per Standard Requirements (ASTM C150)	\$ 803.00
80194	Physical Testing Of Type K Cement, Mortar Expansion (ASTM C806)	\$ 803.00
80195	Physical Testing And Chemical Analysis Of Portland Cement Per Standard Requirements (ASTM C150)	\$ 1,498.00
80106	Partial Analysis Or Specific Physical Tests	Quotation
80110	Sulfates Resistance Of Hydraulic Cement (ASTM C1012), 6 Months	\$ 3,210.00
80111	Sulfates Resistance Of Hydraulic Cement (ASTM C1012), 12 months	\$ 3,531.00
80149	Type 1L Cement (ASTM C595; Excludes Special Properties)	\$ 1,498.00
80151	Clinker Microscopy, Per Sample	\$ 910.00

Task Code	Physical Testing Of Chemical Admixtures For Concrete	Rate
80196	Qualification Of Admixture (ASTM C494)	Quotation

Task Code	Evaluation Of Pozzolans And Slag Cement	Rate
80140	Chemical Analysis Of Fly Ash Per Standard Requirements (ASTM C618)	\$ 803.00
80143	Physical Testing Of Fly Ash Per Standard Requirements (ASTM C618)	\$ 803.00
80146	Partial Analysis Or Specific Physical Tests	Quotation
80147	Chemical Analysis And Physical Testing Of Fly Ash Per Standard Requirements (ASTM C1618)	\$ 1,498.00
80250	Qualification Of Silica Fume Per Standard Requirements (ASTM C1240)	\$ 1,498.00
80252	Qualification Of Slag Cement Per Standard Requirements (ASTM C989)	\$ 1,498.00
80254	Effectiveness Of Pozzolans & Slag Cement In Mitigating Expansion Due To ASR (ASTM C441)	\$ 1,498.00

Task Code	Mass Concrete - Engineering And Testing Services	Rate
80256	Thermal Control Plan (Without Cooling Pipes) Per A Unique Type Of Placement Of Similar Group Of Placements, Each Plan	\$ 9,000.00
80258	Thermal Control Plan (With Cooling Pipes), Per A Unique Type Of Placement Of Similar Group Of Placements, Each Plan	\$ 10,500.00
80260	Performance Based Maximum Temperature Difference Laboratory & Analytical Studies, One Concrete Mixture Design	\$ 6,000.00

Task Code	Rock And Concrete Aggregates - Petrographic Examination & Special USACE & CRD Tests	Rate
80262	Rock Type Description, Per Sample (Rock Core Or Rock Chunk)	\$ 1,000.00
80263	Rock Type Description + XRD Including Clay Analysis, Per Sample	\$ 1,500.00
80266	Natural Aggregates - Petrographic Examination (Gravel And Natural Sand Consisting Of Single Rock Type ASTM C295) Each, One Sample	\$ 2,750.00
80268	Crushed Aggregates - Petrographic Examination (Crushed Rock And Manufactured Sand Consisting Of Single Rock Type ASTM C295), Each, One Sample	\$ 2,750.00
80270	Coarse Aggregate Certification For Deleterious Materials Per Specifications Of USACE, Materials Coarser Than 0.75-Inch	\$ 6,500.00
80272	Coarse Aggregate Certification For Deleterious Materials Per Specifications Of USACE, 0.75-Inch And Finer Material, Each, One Sample, 25 lb.	\$ 5,500.00
80274	Fine Aggregate Certification For Deleterious Materials Per Specifications Of USACE, Each, One Sample	\$ 2,750.00
80276	Aggregate, Scratch Hardness (CRD-C 130), Each, One Sample, 25 lb.	\$ 500.00

Task Code	Soils And Aggregate Tests	Rate
30503	Abrasion: LA Rattler (ASTM C131)	\$ 206.00
30505	Abrasion: LA Rattler (ASTM C535)	\$ 217.00
70301	Atterberg Limits/Plasticity Index (ASTM D4318, CTM 204)	\$ 165.00
70303	California Bearing Ratio Excluding Maximum Density (ASTM D1883) Soil	\$ 598.00
70304	California Bearing Ratio Excluding Maximum Density (ASTM D1883) Cement-Treated Soil	\$ 670.00
70344	Cement-Treated Soil/Base Mix Design: Includes Three Trial Cement Contents With Three Unconfined Compressive Strength Specimens Per Cement Content	\$ 3,605.00
70305	Chloride And Sulfate Content (CTM 417, CTM 422)	\$ 180.00
30403	Clay Lumps And Friable Particles (ASTM C142)	\$ 210.00
30321	Cleaness Value 1" x #4 (CTM 227)	\$ 180.00
30322	Cleaness Value 1.5" x .75" (CTM 227)	\$ 285.00

Task Code	Asphalt Concrete Tests, Continued	Rate
75040	Emulsion Residue, Evaporation (ASTM D244)	\$ 175.00
75024	Extraction % Bitumen (ASTM D6307, CTM 382)	\$ 175.00
75027	Extraction % Bitumen And Gradation (ASTM D5444, D6307, CTM 202, 382)	\$ 240.00
75028	Extraction % Bitumen, Correction Factor (ASTM D6307,	\$ 385.00





(ASTM D2435, CTM 219)		
70313	Corrosivity Series Sulfate, Cl, pH, Resistivity (CTM 643, 417, and 422)	\$ 253.00
70315	Crushed/Fractured Particles (ASTM D5821, CTM 205)	\$ 180.00
70317	Direct Shear Test Remolded And/Or Residual (ASTM D3080)	\$ 255.00
70319	Direct Shear Test Undisturbed - Slow [CD] (ASTM D3080)	\$ 230.00
70321	Direct Shear Test Undisturbed - Fast [CU] (ASTM D3080)	\$ 200.00
70378	Durability Index Per Method - A,B,C, or D (ASTM D3744, CTM 229)	\$ 220.00
70325	Expansion Index (ASTM D4829, UBC 18-2)	\$ 175.00
75004	Fine Aggregate Angularity (ASTM C1252, CTM 234, AASHTO T304)	\$ 200.00
30507	Flat And Elongated Particle (ASTM D4791)	\$ 250.00
30508	Flat Or Elongated Particle (ASTM D4791)	\$ 220.00
70331	Maximum Density Methods A/B/C (ASTM D1557, D698, CTM 216)	\$ 195.00
70333	Maximum Density Check Point (ASTM D1557, D698)	\$ 70.00
70335	Maximum Density AASHTO C [Modified] (AASHTO T-180)	\$ 200.00
70336	Maximum Index Density Vibratory Table (ASTM D4253)	\$ 355.00
70337	Moisture Content (ASTM D2216, CTM 226)	\$ 30.00
70339	Moisture and Density Ring Sample (ASTM D2937)	\$ 30.00
70341	Moisture and Density Shelby Tube Sample (ASTM D2937)	\$ 45.00
70340	Moisture-Density Relations Of Soil-Cement Mixtures Premixed In The Field (ASTM D558)	\$ 285.00
70342	Moisture-Density Relations Of Soil-Cement Mixtures Mixed In The Lab (ASTM D558)	\$ 365.00
70328	pH Of Soils (ASTM D4972)	\$ 65.00
70330	Organic Content Of Soils (ASTM D2974, Method A Only)	\$ 90.00
30401	Organic Impurities (ASTM C40, CTM 213)	\$ 95.00
70343	Permeability (ASTM D5084)	Quotation
80001	Potential Reactivity Chemical Method (ASTM C289 - Discontinued Method)	\$ 800.00
70394	Potential Reactivity Mortar Bar Expansion Method, 14-Day Exposure (ASTM C1260)	\$ 990.00
70391	Potential Reactivity Mortar Bar Expansion Method, 28-Day Exposure (ASTM C1260)	\$ 1,100.00
70398	Potential Reactivity Concrete Bar Expansion Method (ASTM C1293), 12 month	\$ 2,995.00
70399	Potential Reactivity Concrete Bar Expansion Method (ASTM C1293), 24 month	\$ 3,320.00
70397	Potential Reactivity Of Aggregate Combination, Non-Standard Method; 14-Day Exposure, Mortar (After ASTM C1567)	\$ 1,175.00
70392	Potential Reactivity Of Aggregate Combination, Non-Standard Method; 28-Day Exposure, Mortar (After ASTM C1567)	\$ 1,230.00
70345	R-Value Soil (ASTM 2844, CTM 301)	\$ 454.00
70347	R-Value Aggregate Base (ASTM D2844, CTM 301)	\$ 505.00
70349	Sand Equivalent (ASTM D2419, CTM 217)	\$ 129.00
70351	Sieve #200 Wash Only (ASTM D1140, CTM 202)	\$ 93.00
70353	Sieve With Hydrometer 3/4" Gravel To Clay (ASTM D422, D7928, CTM 203)	\$ 258.00
70355	Sieve With Hydrometer Sand To Clay (ASTM D422, D7928, CTM 203)	\$ 248.00
70357	Sieve Analysis Including Wash (ASTM C136, CTM 202)	\$ 155.00
70359	Sieve Analysis Without Wash (ASTM C136, CTM 202)	\$ 125.00
70360	Sieve Analysis Split Sieve (ASTM C136, CTM 202)	\$ 250.00
70361	Sieve Analysis Without Wash With Cobbles (ASTM C136, CTM 202)	\$ 245.00
70363	Soundness Sodium Or Magnesium Sulfate, 5 Cycles (ASTM C88)	\$ 464.00
70365	Specific Gravity And Absorption Coarse (ASTM C127, CTM 206)	\$ 105.00
70367	Specific Gravity And Absorption Fine (ASTM C128, CTM 207)	\$ 170.00
70369	Swell/Settlement Potential One Dimensional (ASTM D4546)	\$ 155.00
70371	Triaxial	Quotation
70373	Unconfined Compression (ASTM D2166, CTM 221)	\$ 196.00
30317	Unit Weight Per Cubic Foot (ASTM C29, CTM 212)	\$ 129.00
30319	voids In Aggregate With Known Specific Gravity (ASTM C29, CTM 212)	\$ 129.00
30411	Lightweight Particles Coarse, with Two Solutions (ASTM C123)	\$ 535.00
30412	Lightweight Particles Fine, with One Solution (ASTM C123)	\$ 258.00
20807	Method of Test for Relative Mortar Strength of Portland Cement Concrete Sand (CT 515)	\$ 1,400.00

Task Code	Asphalt Concrete Tests	Rate
75031	HMA Mixing And Preparation	\$ 140.00
75032	HMA Mixing And Preparation With Aggregate Treatment	\$ 195.00
75033	Bulk Specific Gravity Of Compacted Sample Or Core SSD (ASTM D2726, CTM 308C)	\$ 62.00
75036	Bulk Specific Gravity Of Compacted Sample Or Core Paraffin Coated (ASTM D1188 and CTM 308A)	\$ 88.00

Task Code	Concrete Block, ASTM C140	Rate
20321	Compression	\$ 102.00
20323	Absorption/Moisture Content/Oven Dry Density	\$ 102.00
20327	Linear Shrinkage (ASTM C426)	\$ 295.00
20335	Web And Face Shell Measurements	\$ 59.00
20329	Tension Test	\$ 188.00

CTM 382)		
75030	Chemical Extraction % Bitumen And Sieve Analysis (ASTM D2172 Method A or B, ASTM D5444)	\$ 410.00
75042	Lab Tested Maximum Density Hveem, 3 Briquettes (ASTM D1561, D1188, CTM 304, 308)	\$ 235.00
75057	Hveem Stabilometer Test, Premixed, 3 Briquettes (ASTM D1560, D1561, CTM 304, 366)	\$ 235.00
75048	Lab Tested Maximum Density Marshall, 3 Briquettes (ASTM D6926, D2726)	\$ 230.00
75049	Lab Tested Maximum Density Marshall 6" Specimen, 3 Briquettes (ASTM D5581, D2726)	\$ 235.00
75050	Lab Tested Maximum Density Superpave Gyrotory Compacted Briquette, SSD, 1 Briquette (ASTM D6925, D2726)	\$ 90.00
75052	Lab Tested Maximum Density Superpave Gyrotory Compacted Briquette, Paraffin, 1 Briquette (ASTM D1188, D6925)	\$ 100.00
75051	Maximum Theoretical Specific Gravity [RICE] (ASTM D2041, CTM 309)	\$ 180.00
75066	Marshall Stability And Flow, Cored Sample, Each (ASTM D6927)	\$ 90.00
75069	Marshall Stability And Flow, Premixed, 3 Briquettes (ASTM D6926, D6927)	\$ 255.00
75106	Marshall Stability And Flow, Gyrotory Compacted Specimen Pre-Mixed, 3 Briquettes (ASTM D5581, D6925)	\$ 255.00
75107	Marshall Stability And Flow 6" Specimen, Premixed, 3 Briquettes (ASTM D5581)	\$ 255.00
75063	Moisture Content (CTM 370)	\$ 90.00
75005	Wet Track Abrasion Test (ASTM D3910)	\$ 185.00
75093	Hveem Mix Design (Excluding Aggregate Quality Tests)	\$ 6,000.00
75096	Hveem Mix Design, With RAP (Excluding Aggregate Quality Tests, RAP Qualification)	\$ 6,500.00
75099	Hveem Mix Design, With Lime (Excluding Aggregate Quality Tests)	\$ 10,000.00
75094	Hveem Mix Design Caltrans Untreated Mix (Including Aggregate Quality Tests)	\$ 7,000.00
75095	Hveem Mix Design Caltrans Lime Treated Mix (Including Aggregate Quality Tests)	\$ 8,000.00
75084	Marshall Mix Design (Excluding Aggregate Quality Tests)	\$ 6,000.00
75087	Marshall Mix Design With RAP (Excluding Aggregate Quality Tests)	\$ 6,400.00
75090	Marshall Mix Design With Lime (Excluding Aggregate Quality Tests)	\$ 7,000.00
75083	Open Grade Asphalt Concrete Mix Design (ASTM D7064, CTM 368)	\$ 3,500.00
75109	Superpave Mix Design (Excluding Aggregate Quality Tests)	\$ 12,000.00
75113	Superpave Mix Design, With RAP (Excluding Aggregate Quality Tests)	\$ 12,500.00
75114	Superpave Mix Design With Rubber (Excluding Aggregate Quality Tests)	\$ 12,500.00
75115	Superpave Mix Design With Additives (Excluding Aggregate Quality Tests)	\$ 12,700.00
75075	Effect Of Moisture On Asphalt Paving Mixtures, Pre-Mixed (ASTM D4867, AASHTO T283)	\$ 1,200.00
75111	Hamburg Wheel Track Test, 20,000 Passes, 4 Briquettes (AASHTO T324)	\$ 1,300.00
75039	Raveling Test Of Cold Mixed Emulsified Asphalt (ASTM D7196)	\$ 225.00
75067	Marshall Stability, Wet Set, 3 Replicates (AASHTO T245)	\$ 390.00
75068	Marshall Stability, Dry Set, 3 Replicates (AASHTO T245)	\$ 330.00
75070	Cold Recycled Asphalt Mix Design 2 Gradings Each, 3 Emulsion Content (Caltrans LP-8)	\$ 11,600.00

Task Code	Mortar And Stucco - Petrographic Examination	Rate
80282	Stucco, One-Coat (ASTM C856), Includes Thin Section), Per Sample	\$ 2,250.00
80286	Stucco, Two-Coat (ASTM C856), Includes Thin Section), Per Sample	\$ 2,500.00
80290	Stucco, Three-Coat (ASTM C856), Includes Thin Section), Per Sample	\$ 3,000.00
80294	Mortar (ASTM C1324, Petrographic Examination And Chemical Analysis), Per Sample	\$ 3,250.00

Task Code	Brick Masonry Tests, ASTM C67	Rate
20301	Modulus Of Rupture Flexural	\$ 118.00
20303	Compression Strength	\$ 81.00
20305	Absorption 5 Hour or 24 Hour	\$ 86.00
20307	Absorption (Boil) 1, 2 Or 5 Hours	\$ 118.00
20309	Initial Rate Of Absorption	\$ 75.00
20311	Efflorescence	\$ 91.00
20313	Cores Compression	\$ 97.00
20315	Shear Test On Brick Cores 2 Faces	\$ 118.00

Task Code	Metal And Steel Testing, Continued	Rate
20619	Hardness Test (ASTM E18)	\$ 91.00
20630	Bolt Axial Tensile Test (Up To 7/8" Diameter)	\$ 75.00
20631	Bolt Wedge Tensile Test (Up To 7/8" Diameter)	\$ 91.00
20632	Bolt Axial Tensile Test (Greater Than 7/8" Up To 1" diameter)	\$ 97.00
20633	Bolt Wedge Tensile Test (Greater Than 7/8" Up To 1" Diameter)	\$ 118.00





20331	Core Compression	\$	97.00
20333	Shear Test Of Masonry Cores 2 Faces	\$	118.00
20339	Efflorescence Tests	\$	91.00

Task Code	Masonry Prisms, ASTM C1314	Rate
20341	Compression Test, Composite Masonry Prisms Up To 8" x 16"	\$ 220.00
20343	Compression Test, Composite Masonry Prisms > 8" x 16"	\$ 295.00
20346	Prism Cord Modulus Of Elasticity	\$ 696.00
20347	Prism Cord Modulus Of Elasticity With Transverse Strain (For Double-Wythe Specimen)	\$ 760.00

Task Code	Mortar And Grout	Rate
20351	Compression 2" x 4" Mortar Cylinders (ASTM C780)	\$ 65.00
20353	Compression 3" x 3" x 6" Grout Prisms, Includes Trimming (ASTM C1019)	\$ 49.00
20355	Compression 2" Cubes (ASTM C109)	\$ 65.00
20357	Compression Cores Includes Trimming (ASTM C42)	\$ 97.00

Task Code	Masonry Specimen Preparation	Rate
20155	Cutting Of Cubes Or Prisms	\$ 81.00

Task Code	Fireproofing Tests	Rate
20401	Oven Dry Density (ASTM E605)	\$ 97.00

Task Code	Guniting And Shotcrete Tests	Rate
20361	Core Compression Including Trimming (ASTM C42)	\$ 113.00
20365	Compression Cubes (Includes Saw Cutting)	\$ 81.00

Task Code	Concrete Roof Fill: Gypsum, Vermiculite, Perlite, Lightweight Insulating Concrete, Etc.	Rate
20371	Compression Test (ASTM C495 and C472)	\$ 81.00
20373	Air Dry Density (ASTM C472)	\$ 70.00
20379	Oven Dry Density (ASTM C495)	\$ 97.00

Task Code	Reinforcing Steel, ASTM A615, A706	Rate
20501	Tensile Test #11 Or Smaller	\$ 81.00
20503	Bend Test #11 Or Smaller	\$ 75.00
20504	Bend Test #14 Or #18	\$ 428.00
20505	Tensile Test #14	\$ 321.00
20507	Tensile Test #18	\$ 418.00

Task Code	Reinforcing Steel - Welded Or Coupled Specimens	Rate
20521	Tensile Test Welded/Coupled #11 And Smaller	\$ 91.00
20523	Tensile Test Welded/Coupled #14	\$ 311.00
20525	Tensile Test Welded/Coupled #18	\$ 439.00
20529	Weld Macroetch	\$ 102.00
20531	Slippage Test - Caltrans (CTM 670)	\$ 236.00
20532	Tensile Test Welded Hoops #11 And Smaller	\$ 182.00

Task Code	Metal and Steel Testing	Rate
20601	Tensile Strength Up To 100K Pounds (Each)	\$ 91.00
20603	Tensile Strength Up To 200K Pounds (Each)	\$ 102.00
20605	Tensile Strength Up To 300K Pounds (Each)	\$ 129.00
20607	Tensile Strength Up To 400K Pounds (Each)	\$ 188.00
20609	Tensile Strength 400K To 600K Pounds (Each)	\$ 428.00
20611	Tensile Strength Stress-Strain Percent Offset	\$ 268.00
20545	Weld Macroetch	\$ 102.00
20547	Weld Fracture	\$ 54.00
20615	Bend Test	\$ 86.00
20617	Flattening Test	\$ 86.00

20634	Bolt Axial Tensile Test (Greater Than 1" Diameter)	\$ 140.00
20635	Bolt Wedge Tensile Test (Greater Than 1" Diameter)	\$ 150.00
20636	Bolt Proof Load Test (Up To 7/8")	\$ 102.00
20637	Bolt Proof Load Test (Greater Than 7/8" Up To 1" Diameter)	\$ 124.00
20638	Bolt Proof Load Test (Greater Than 1")	\$ 145.00
20639	Nut Proof Load Test (Up To 7/8")	\$ 81.00
20640	Nut Proof Load Test (Greater Than 7/8" Up To 1" Diameter)	\$ 102.00
20641	Nut Proof Load Test (Greater Than 1")	\$ 113.00

Task Code	Chemical Testing Of Metal And Steel	Rate
80170	Steel Chemical Analysis	Quotation
80173	Weight Of Galvanized Coating (ASTM A90)	\$ 97.00
80176	Epoxy Coating Thickness	\$ 107.00
80177	Coating Thickness	\$ 102.00

Task Code	Machining And Preparation Of Tensile And Bend Sample: Carbon Steel	Rate
20751	Machinist Initial Preparation From Mock-Up, Etc. (Per Hour)	\$ 156.00
20753	Sawcut To Overall Width (Per 0.5" Thickness Or Fraction Thereof)	\$ 70.00
20755	Machine To Test Configuration Milled Specimens	\$ 102.00
20757	Machine To Test Configuration Turned Specimens (Per 0.5" Thickness Or Fraction Thereof)	\$ 182.00
20759	Prepare Subsize Specimens (Per 0.5" Thickness Or Fraction Thereof)	\$ 124.00

Task Code	Charpy Impact	Rate
20621	Charpy Impact Ambient Temperature	\$ 113.00
20623	Charpy Impact Reduced Temperature	\$ 150.00

Task Code	Machining Of Charpy Samples: Carbon Steel	Rate
20780	Cutting And Milling (Per 0.5" Or Fraction Thereof)	\$ 102.00
20783	Final Machining To Sample Configuration	\$ 124.00

Task Code	Prestressing Wires And Tendons, (ASTM A416)	Rate
20701	Stress-Strain Analysis Wire Or Strands (Including Chart And Percent Offset)	\$ 273.00
20703	Tensile Test Only	\$ 204.00
20705	Tendons	Quotation

Task Code	Polymer Matrix Composite Materials (Fiberwrap)	Rate
20706	Tensile Strength - Set of 5 Specimens/Batch/Direction (ASTM D3039)	\$ 1,498.00
20707	Tensile Strength - Additional Specimens (ASTM D3039) (ASTM D3039)	\$ 289.00
20708	Heating Chamber Time - Per 24 Hr. Period	\$ 107.00

Task Code	Calibration Services And Universal Machine Usage	Rate
20801	Calibration/Verification Services	Quotation
20803	Universal Test Machine Usage (Per Hour)	\$ 509.00

Task Code	Specialty Testing	Rate
-	Cyclic And Fatigue Testing Programs On Special Products/Parts	
-	Engineering And Technical Supports/Design Of Prototypes And Special Test Set-Up	
-	Fastener/Coupling Full Testing Program Per New Regulations: Tension, Tension/Bend, Shear, Double Shear, 8 Compressions	
-	Fiberglass/Composite Materials Field Testing Program (ASTM D1143 D1242, D2584, D4065, D4476, D4923, D7901, D7921, and D732)	
-	Field Testing Of Structures And Structural Elements	
-	In-Place Shear Testing	
-	Materials And/Or Product Evaluation Per Specifications	
-	Structural Dynamic Testing And Durability Analysis	

## General Conditions

NOTE: Field inspection work conditions are established by contract with Operating Engineers, Local 12.

NOTE: A minimum of 24 hours notice is required for testing and inspection services.

NOTE: For projects subject to a Project Labor Agreement (PLA), if the terms and conditions of the PLA are more restrictive than those listed below, PLA terms and conditions will apply.

NOTE: Rates will be adjusted annually each July 1st to reflect increased costs.

### Administrative Fees

All administrative fees, except as noted below, including report distribution and Twining Construction Hive system are billed at the following percentage of the monthly invoice total: 5%

## General Conditions, Continued

Note that hard copies of reports will be sent only to governing jurisdictions that mandate them. All other parties will receive reports electronically. The administrative fee above will receive reports electronically. The administrative fee above will be increased by 1% if additional hard copies of reports are requested. Submittal of project specific forms or resumes will be billed hourly at the Administrative Support Rate.

### Minimum Charges (Inspection and Technician Personnel Only - Other Personnel Charged on Portal to Portal Basis)

2-Hour Minimum: Inspector arrives at jobsite, no work to perform

4-Hour Minimum: 1 to 4 hours of inspection

8-Hour Minimum: Over 4 to 8 hours of inspection

### Regular Time (All Types of Inspection and also All Non-Exempt Employees)

The first 8 hours worked Monday through Friday between 5:00 a.m. and 5:00 p.m. except as noted otherwise below.





#### **Time and One-Half (All Types of Inspection and also All Non-Exempt Employees)**

All shifts will be billed based on the time and date of their start. After the first 12 hours worked Monday through Friday and the first 12 hours on Saturday. Time and one-half will also be charged for the first four hours before 5:00 a.m. and after 5:00 p.m.

#### **Double Time (All Types of Inspection and also All Non-Exempt Employees)**

All shifts will be billed based on the time and date of their start. After the first 12 hours worked Monday through Saturday, all day Sunday, and holidays. After the first four hours worked before 5:00 a.m. and after 5:00 p.m. Holidays are New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving, the day after Thanksgiving, Christmas Day, and Local 12 general meeting days (First Saturday in June, First Saturday in December). If any of the holidays should fall on Sunday, the Monday following shall be considered the holiday.

#### **Meal Period**

When personnel are required by their duties to work more than five consecutive hours without a one-half hour uninterrupted meal period, one half hour at double time rate will be charged in addition to any applicable overtime for actual hours worked.

#### **Shift Differential (Applies to Regularly Scheduled Shifts Only)**

A \$1.00 per hour shift differential premium will be charged for all inspection hours that fall outside of the 5:00 a.m. to 5:00 p.m. time period. Twining will require 48-hour notice along with the General Contractors approved shift letter prior to beginning a shift that will include hours falling outside this time period. Should this notice not be provided, all work performed on that shift will be billed at the applicable overtime or double time rate.

If three shifts per day are required, the first shift will be billed at the standard rate. The second shift shall be billed in accordance with the previous paragraph. The third shift shall be billed at 8 hours for the first 6 1/2 hours worked and appropriate overtime or double time for all hours thereafter.

#### **Travel Time and Mileage**

For projects outside a 50-mile radius from the nearest Twining facility, per excess mile to and from the project will be charged for inspectors and technicians. Other than small tools, whenever project related equipment is required to be transported to and from the project site, time and mileage for inspectors and field technicians will be billed on a portal to portal basis. For all projects, current IRS mileage rate per mile and applicable travel time will be charged portal to portal for engineers, consultants, supervisors, and laboratory technicians from the laboratory to the project site and return.

For work locations located 100 miles or more from Twining, travel time will be charged at the relevant rate for inspectors and technicians in addition to a subsistence allowance as detailed below.

#### **Weekend Sample Pick-Ups**

In order to be in conformance with testing standards, it may be required that weekend pick-ups be performed (e.g. concrete specimens cast on Friday must be picked up on weekend in order to be in conformance with ASTM C31 requiring specimens to be moved to their final curing location within 48 hours of casting.) Applicable charges for weekend work will apply when this is required. Should these charges not be authorized, Twining will not be liable for any negative consequences.

#### **Reimbursable Expenses**

Parking, air fare, car rental, food, lodging and project specific software/applications (e.g. PlanGrid, Procore, etc.) will be charged at cost plus 20% per processed invoice, unless provided by client.

#### **Project Specific Documents**

Costs presented assume that client will provide project specific documents (plans, specifications, submittals, RFIs, etc.) for all inspection personnel. Should project specific documents be provided electronically through a "for fee" service, the client will be responsible for providing access and paying any fees for the service.

#### **Project Site Facilities**

Prices quoted assume that initial curing facilities for test samples that comply with relevant test standards and project requirements are provided by others. In addition, prices quoted assume that work/desk space for inspection staff are provided by others. Additional costs, provided by quotation, will apply should Twining be required to provide such facilities.

#### **Subsistence**

Subsistence on remote jobs will be charged per quotation.

#### **Laboratory Testing Hours and Expedited Testing**

Please note that laboratory testing will be billed on an hourly basis for non-standard tests. If testing is required to be performed on Saturdays, Sundays, holidays, or before 5:30 a.m. or after 4:00 p.m. on weekdays, an additional hourly charge, at the applicable regular, overtime or double time rate, with a minimum of one hour will be applied for the laboratory technician. For rush testing a 50% surcharge in addition to the regular test rate will apply.

#### **Charges for Subcontracted Services**

Material sent to outside laboratory for testing:	Cost plus 20%
Material sent to outside fabricator or machine shop:	Cost plus 20%
Glu-Lam beam inspection:	Cost plus 20%
Other subcontractors:	Cost plus 20%
Project exclusive equipment purchase:	Cost plus 20%

#### **Limit of Liability**

Client agrees to limit Twining's aggregate liability to all entities for alleged or actual errors and omissions in the performance of its professional services under this agreement to \$50,000.00 or the fees actually paid to Twining, whichever amount is greater. Higher limits may be available by quotation.

#### **Additional Insurance Coverage**

Any requirements for additional insurance policies or coverage beyond our normal policies/limits (e.g. SML coverage) may be provided at an additional fee and will be quoted on a per project requirements basis.

#### **Certified Payroll**

Certified payroll will be provided, upon request, at an additional charge of \$150.00/month. Fee applies to every month that certified payroll must be submitted regardless of whether or not services were provided for any given month.



Policy Number: MP0040070196607

Date Entered: 10/27/2025

**CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY)

10/27/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Wehbe Insurance Agency 28631 S. Western Ave # 101 Rancho Palos Verdes, CA 90275	<b>CONTACT NAME:</b> sanniw ehbe		
	<b>PHONE (A/C, No, Ext):</b> (310) 221-6334 <b>FAX (A/C, No):</b> (310) 221-6353 <b>E-MAIL ADDRESS:</b> sanniw ehbe@yahoo.com		
<b>INSURED</b> Syrusa Engineering. Inc  255 W Central Ave # 204 Brea, CA 92821	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
	<b>INSURER A:</b> MESA US Insurance Company		36838
	<b>INSURER B:</b> Farmers Insurance Company		21652
	<b>INSURER C:</b> Lloyds Insurance		15792
	<b>INSURER D:</b> Admiral Insurance Company		24856
	<b>INSURER E:</b>		
<b>INSURER F:</b>			

**COVERAGES****CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MP0040070196607	11/01/2025	11/01/2026	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMPIOP AGG \$ 2,000,000 \$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> AUTOS ONLY	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	605872949	11/01/2025	11/01/2026	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MX010400700009	11/01/2025	11/01/2026	EACH OCCURRENCE \$ 8,000,000 AGGREGATE \$ 8,000,000 \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N		N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
D	<input checked="" type="checkbox"/> PROFESSIONAL LIAB Excess Professional Liability			EO000002699312	10/09/2025	10/09/2026	Limit \$3,000,000 Aggregate \$9,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
Professional Liability Policy has \$10,000 deductible. Retroactive date is: 10/09/2012

Annual Premium Paid In full  
30 days notice of cancellation

**CERTIFICATE HOLDER****CANCELLATION**

City Of Huntington Beach Public Works Department 2000 Main Street Huntington Beach, CA 92648  As: Additional Insured	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE  Sanni Wehbe
---	--

© 1988-2015 ACORD CORPORATION. All rights reserved.