

PROFESSIONAL SERVICES CONTRACT BETWEEN  
THE CITY OF HUNTINGTON BEACH AND  
AESCO, INC.  
FOR  
ON CALL MATERIAL TESTING AND ENGINEERING 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 AESCO, INC., hereinafter referred to as "CONSULTANT."

WHEREAS, CITY desires to engage the services of a consultant to provide On-Call Material Testing and Engineering 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 Kay Alabel., 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 December 21, 2021 (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 (3) three 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 Six Hundred Thousand Dollars (\$600,000.00).

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: Joseph Dale  
2000 Main Street  
Huntington Beach, CA 92648

TO CONSULTANT:

AESCO, Inc.  
ATTN: Kay Alabed  
17782 Georgetown Lane  
Huntington Beach, CA 92647

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 Council.

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,  
AESCO, INC.

By:   
\_\_\_\_\_  
Kay Alabed, President

print name

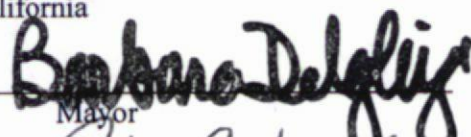
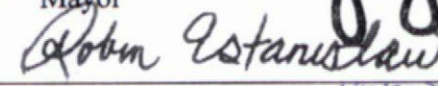
ITS: (circle one) Chairman/President/Vice President

AND   
By: \_\_\_\_\_  
Adam Chamaa, Chief Financial Officer

print name

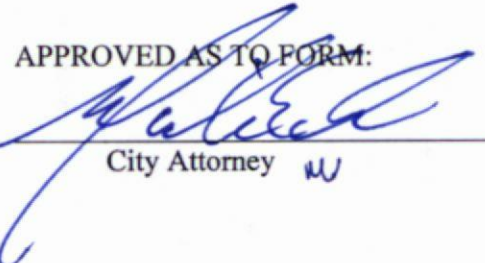
ITS: (circle one) Secretary/Chief Financial Officer/Asst.  
Secretary - Treasurer

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

  
\_\_\_\_\_  
Mayor  
  
\_\_\_\_\_  
City Clerk 1/10/22

INITIATED AND APPROVED:  
  
\_\_\_\_\_  
Director of Public Works

REVIEWED AND APPROVED:  
  
\_\_\_\_\_  
City Manager

APPROVED AS TO FORM:  
  
\_\_\_\_\_  
City Attorney W

## **EXHIBIT "A"**

A. STATEMENT OF WORK: (Narrative of work to be performed)

CONSULTANT shall provide consulting services on an "as-needed" basis for projects to be determined during the term of the agreement. During the term of the agreement, CITY may elect to solicit proposals from CONSULTANT. CITY shall issue task order for each project based upon the scope of services, work schedule, and fee proposal submitted to CITY for its review and approval.

B. CONSULTANT'S DUTIES AND RESPONSIBILITIES:

CONSULTANT'S duties and responsibilities shall be per CONSULTANT'S Statement of Qualification (Exhibit A), consistent with the City of Huntington Beach Request for Qualifications for On Call Materials Testing and Engineering Consulting Services. Upon award, and the contract period, the CONSULTANT can choose to assign different personnel to the project, CONSULTANT must submit the names and qualifications of these staff to CITY for approval before commencing work.

C. CITY'S DUTIES AND RESPONSIBILITIES:

1. Furnish scope of work request for each project.
2. Furnish construction plans and specifications to the CONSULTANT

D. WORK PROGRAM/PROJECT SCHEDULE:

A project schedule will be developed for each project assigned by CITY.



# EXHIBIT A

Statement of Qualifications  
AESCO Proposal No. P6996

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August 17, 2021

City of Huntington Beach  
Department of Public Works  
2000 Main Street  
Huntington Beach, CA 92648

**Subject: Statement of Qualifications  
On-Call Materials Testing and Inspection Services  
City of Huntington Beach  
AESCO Proposal No. P6996**

Dear Sirs/Madam:

AESCO is pleased to present this Statement of Qualifications to provide the City of Huntington Beach On-Call Materials Testing and Inspection Services. AESCO learned of this RFP while visiting the City in regard to another project. AESCO is known for providing personalized service and rapid deployment to the City of Huntington Beach for the past 18 years. The project consists of providing consulting service on an “on-call” basis for up to 3 years.

**AESCO is comprised of four divisions: Construction Materials Testing and Inspections, Construction Management, Geotechnical Engineering and Environmental Engineering. **Founded in 1993**, AESCO, a small business enterprise, has provided **Construction Materials Testing and Inspection Services** as well as Geotechnical and Environmental Engineering and Construction Management services on both small and large municipal capital improvement and commercial projects in Los Angeles, San Bernardino, Riverside, and Orange Counties. Over the past 28 years AESCO has provided Construction Management Services on various infrastructure and facilities projects and has **held a City of Huntington Beach Business License since 2003**.**



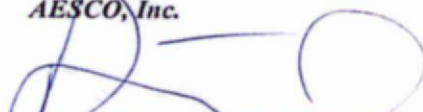
AESCO currently has 35 employees, with 4 registered engineers and geologists and over 20 soil technicians, deputy inspectors, building inspectors, lead inspectors and agency certified inspectors for Caltrans, County of Orange, etc. **All materials testing and special inspections will be provided under the technical direction of a full-time registered professional engineer with a minimum of thirty-five years' experience in construction materials testing and inspection.**

**AESCO will respond within 24-hours upon request by the City.** All testing will be performed in AESCO's Caltrans, ARML, CCRL, City of Los Angeles, and DSA approved laboratory and all work will be in compliance with applicable governing local, State and Federal agencies and laws. AESCO has used cloud computing and other forms of technology to streamline client communication, improve the documentation process and provide technicians an efficient way to record results, allowing, clients and team members the ability to verify and track the status of our field, shop and lab work. This method has improved project tracking, collaborating on solutions and ensuring projects are inspected in accordance with contract documents and intent of the design professionals.

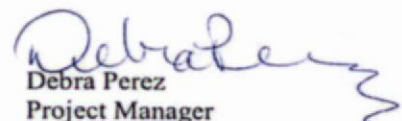
Mr. Adam Chamaa, PE, GE will be the project manager and point of contact to provide the project deliverables to the City. He can be reached at 714-375-3830 (o) or 714-270-0090 (c) and is located at our office at 17782 Georgetown Lane, Huntington Beach, CA 92647. Ms. Kay Alabed has authority to contractually bind the firm and represent the company during any negotiations.

If you need further assistance regarding this matter, please give feel free to call either myself or Ms. Debra Perez. We look forward to hearing from you.

Very truly yours,  
*AESCO, Inc.*



Adam Chamaa, MSCE, P.E., G.E.  
Engineering Manager



Debra Perez  
Project Manager



## Statement of Qualifications

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# REQUEST FOR PROPOSAL

## VENDOR APPLICATION FORM

TYPE OF APPLICANT:  NEW  CURRENT VENDOR

Legal Contractual Name of Corporation: AESCO, Inc.

Contact Person for Agreement: Kay Alabed

Corporate Mailing Address: 17782 Georgetown Lane

City, State and Zip Code: Huntington Beach, CA 92647

E-Mail Address: kay.alabed@aescotech.com

Phone: 714-375-3830 Fax: 714-375-3831

Contact Person for Proposals: Adam Chamaa

Title: Project Manager E-Mail Address: adam.chamaa@aescotech.com

Business Telephone: 714-375-3830 Business Fax: 714-375-3831

Is your business: (check one)

NON PROFIT CORPORATION  FOR PROFIT CORPORATION

Is your business: (check one)

CORPORATION  LIMITED LIABILITY PARTNERSHIP  
 INDIVIDUAL  SOLE PROPRIETORSHIP  
 PARTNERSHIP  UNINCORPORATED ASSOCIATION



Names & Titles of Corporate Board Members

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

| Names               | Title          | Phone        |
|---------------------|----------------|--------------|
| Kay Alabed          | President      | 714-375-3830 |
| Adam Chamaa, PE, GE | Vice-President | 714-375-3830 |
|                     |                |              |
|                     |                |              |
|                     |                |              |
|                     |                |              |

Federal Tax Identification Number: 721253958

City of Huntington Beach Business License Number: A199958  
(If none, you must obtain a Huntington Beach Business License upon award of contract.)

City of Huntington Beach Business License Expiration Date: 9-30-21

# PRE-QUALIFICATION FORM

ON-CALL MATERIAL TESTING & INSPECTION SERVICES

| SERVICE CATEGORY                         | PROPOSING? Y/N<br>(circle)                |
|--|---|
| A. ON-CALL MATERIAL TESTING & INSPECTION | <input checked="" type="radio"/> Yes / No |

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

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

Firm Name: AESCO

Firm Address: 17782 Georgetown Lane, Huntington Beach, CA 92647

Signature:  Date: 8-17-21

## Section D Firm Qualifications



AESCO has been providing services similar to those requested since 1993, a total of 28 years. AESCO has been retained as the geotechnical, construction material testing and inspection and environmental engineering firm for the **City of Huntington Beach for the past 18 years**. Therefore, we are very familiar with working with the City, and in particular, the Department of Public Works. AESCO is known for responding to requests in a very timely manner and providing excellent service to the City. AESCO provides a budget to the City for each project prior to the start of work. Projects have included lift stations, roadway improvements, reservoirs, water facilities, bridges, water and sewer installations, new structures and additions, storm drainage systems, seismic retrofits, and solar panels. **AESCO currently holds the on-call contract for testing and inspection services for the City of Huntington Beach. As a small local firm AESCO has the ability to respond to requests immediately and can devote more attention to each project.**

AESCO is **SBE, DBE/UDBE, WBE, and CBE** certified. AESCO's laboratory is certified by DSA, Caltrans and City of Los Angeles. AESCO has been performing material testing services for various clients including the Cities of Los Angeles, Costa Mesa, Inglewood, Long Beach, Diamond Bar, Lakewood, **Huntington Beach**, Lynwood, Riverside, Buena Park, Irvine, Santa Ana; the Los Angeles Unified School District; Alhambra School District; SANBAG; Caltrans; Los Angeles Metropolitan Transit Authority (MTA); and the Orange County Transportation Authority (OCTA).

### Service Category Materials Testing and Inspection Services

AESCO operates a construction materials engineering (CME) laboratory in Huntington



Beach, California, and is capable of performing in-house or on-site testing and inspection services. Our laboratory produces thousands of reports annually involving concrete, aggregates, soils in-place, and bituminous materials. AESCO also regularly tests and inspects brick, granite, stone masonry, mortar, reinforcing steel, and manufactured elements such as pre-stressed beams and pre-cast panels. Our sub-consultant Foresight Engineering has been performing land surveying throughout California since 1984.

Engineering consultation and inspection services are available for each phase of construction including:

- Aggregate Evaluation
- Concrete Mixtures-Design, Inspection, and Testing
- Bituminous Materials Testing
- Up to 600,000-Pound Universal Tension and Compression Test Machines
- Charpy V Notch Test Apparatus
- Rockwell Hardness Test Machines
- Refractory Testing
- Concrete Masonry Block
- Roof Inspection and Testing
- Geotechnical and Subsurface Investigation and Testing
- Soils Compaction and Stabilization Tests and Inspection
- Structural Steel Fabrication and Erection Inspection and Testing
- Qualification of Welders and Procedures
- Welding Inspection
- Rebar Inspection and Testing
- NDT Testing and Inspection

AESCO provides full grading inspection services during construction. Our inspectors are capable of performing field inspection and testing of fill materials, excavations, foundations, and shoring and are trained to perform compaction testing with the nuclear density gauge test methods based on ASTM or Caltrans procedures and are licensed/certified to operate nuclear density gauges.

While working on the City of Huntington Beach Projects, each team member is responsible to a registered Engineer who is available to assist inspection personnel on interpretation of test requirements, plans and specifications interpretation and Building Code matters of



compliance. AESCO generates thousands of material testing reports for soils, concrete, steel and other building materials from our Huntington Beach laboratory. The Huntington Beach facility comprises of over 6,000 square feet laboratory equipment with state-of-the-art testing equipment. AESCO's testing equipment is fully computerized and connected to our main server and is calibrated yearly. AESCO's reports are digitalized and maintained on AESCO's main frame server and on the web for immediate access for our engineers and clients.

### **Geotechnical Engineering Services**

AESCO's geotechnical investigations have included: foundation and pavement design, settlement problems, compaction monitoring and testing, shallow and deepened foundations, pressure injected footings, earth retaining structures, landslide analysis and control, expansive/collapsing soils, underpinning and special foundations, construction dewatering and drainage, pipelines and utilities, liquefaction analyses, and fault evaluation. Laboratory testing is performed using ASTM, AASHTO, and other applicable specifications and guidelines.

### **Environmental Engineering**

AESCO can provide a full range of Environmental Engineering services that are vertically integrated to deliver a complete "turnkey" package including: Phase I-Initial Environmental Site Assessment (ESA), the Phase II-Investigation, Phase III-Remediation and Mitigation Design, and Final Close Out Report. In addition, AESCO provides a range of Regulatory Compliance services.

### **Project Management**

AESCO has provided comprehensive project management services including contract administration, constructability reviews, project engineering, change order management, labor compliance, and document control.

AESCO has **NEVER** had any OSHA citations. AESCO has never had any outstanding or pending complaints through the Better Business Bureau, State of California Department of Consumer Affairs.

**Statement of Qualifications  
On-Call Materials Testing and Inspection Services  
City of Huntington Beach  
AESCO Proposal No. P6996**



**Senior Project Manager  
(Primary Point of Contact)  
Adam Chamaa, P.E., G.E. \*(35+)**

**Quality Control  
Director/Senior Geotechnical  
Engineer**  
Russell Scharlin, P.E., G.E. (40+)

**Quality Control Manager**  
Dave Ryan, P.E. (40+)

**Quality Control Coordinator**  
Kay Alabed (28)

**Project Manager**  
Debra Perez (40+)

**Inspection Manager**  
Omar Chamaa, EIT (14)

**Laboratory Manager**  
Steve Crumb (12)

**Survey (sub-consultant)**  
Foresight Engineering

**\*(35+) =Years of Experience**

**Materials Testing and  
Inspection Personnel**  
Giovanni Michael (15+)  
Christopher J. Sobek (17+)  
Michael Kopenski (20+)  
Jarrod Martin (17+)  
Darryl Falustick (16+)  
Ben P. Graubard (14+)  
Greg Astran (20+)  
Daniel Jimenez, Jr. (18+)  
Dustin Sexton (25+)

**Laboratory Technician**  
Tariq Abdullah (15+)



## Staffing

A brief overview of key personnel is presented below. AESCO currently has 35 employees, with a total of 4 professional engineers and geologists; 2 registered geotechnical engineers, one registered civil engineer and one registered engineering geologist. Resumes are provided in the Appendix.

| Name                        | Role                        | Education/Credentials   |
|-----------------------------|-----------------------------|---|
| <b>AESCO</b>                |                             |   |
| Adam Chamaa, PE, GE         | Senior Project Manager      | B.S. Civil Engineering<br>M.S. Civil Engineering<br>Licensed California Engineer (P.E.)<br>Licensed California Geotechnical Engineer (G.E.)<br>Nuclear Density Machine Operator   |
| Russell J. Scharlin, PE, GE | Quality Control Director    | B.S. Civil Engineering<br>M.S. Civil Engineering<br>Licensed California Engineer (P.E.)<br>Licensed California Geotechnical Engineer (G.E.)   |
| David J. Ryan, P.E.         | Quality Control Manager     | B.S. Civil Engineering<br>Licensed California Engineer, P.E.  |
| Omar Chamaa, EIT            | Inspection Manager          | B.S., Civil Engineering<br>E.I.T. Certificate No. 135299<br>Hazardous Materials 40-hour Training<br>ICC, Caltrans, Registered Deputy Inspector, ACI, TWIC, Nuclear Gage   |
| Debra Perez                 | Project Manager             | B.S. Renewable Natural Resources<br>Nuclear Density Machine Operator  |
| Kay Alabed                  | Quality Control Coordinator | B.S., Dental Medicine   |
| Steve Crumb                 | Laboratory Manager          | B.S. Civil Engineering (in progress)<br>California State University, Long Beach<br>Civil Engineering<br>Cerritos College<br>ACI:<br>Concrete Laboratory Testing<br>Concrete Field Testing<br>Concrete Strength<br>Caltrans<br>Calculations<br>Grading<br>Agg. Sampling<br>Sample Prep. Soil and Agg.<br>Sieve Analysis<br>Percent Crushed Particles<br>Relative Compaction<br>Sand Equivalent |



|                            |           |   |
|----------------------------|-----------|---|
|                            |           | Moisture Content<br>Cleanness<br>Durability<br>Compressive Strength<br>Flexural Strength<br>Flexural Strength-PCC<br>Sampling Fresh Concrete<br>AASHTO:<br>Sieve Analysis-Fine<br>Sieve Analysis-Coarse and Fine<br>Reducing Samples of HMA<br>Reducing Samples of Agg.<br>Sand Equivalent<br>Evaporable Moisture Content<br>Moisture Content-HMA Percent   |
| Giovanni Mikhail Inspector | Inspector | B.A., Business, Devry University, in progress<br>County of Los Angeles Certified Deputy Inspector Masonry<br>County of Los Angeles Certified Deputy Inspector Concrete<br>ICC Structural Masonry Certified Inspector<br>ICC Reinforced Concrete Certified Inspector<br>ACI Certified, Concrete Field Testing Technician<br>Certified Radiation Safety and Nuclear Gage Operator<br>Caltrans Certificate of Proficiency for: Air Content, Freshly Mixed Concrete,<br>Pressure, Density of Fresh Concrete, Flexural Strength of PCC (Fabrication only),<br>Ball Penetration in Fresh Portland Cement Concrete, Sampling Freshly Mixed Concrete, PCC Cylinder Fabrication, Slump of Fresh Portland Cement Concrete,<br>Temperature of Freshly Mixed Portland Cement Concrete<br>TWIC Card                        |
| Christopher J. Sobek       | Inspector | Coastline Community College, Orange Coast College, Orange County Inspection Certificate: Building Inspection, Concrete/Masonry Blueprint Reading, Wood/Steel Framing, Fire & Life Safety, Welding Technology, Electrical, Plumbing, Coastline Community College, Orange Coast College, Orange County<br>ICBO/ICC-Reinforced Concrete, Prestress Concrete, Structural Steel/Welding, Structural Mas, Fireproofing, Building Inspection and Plumbing<br>ACI Laboratory Testing-Grade I and Grade II, Transportation Radiation Safety and Use of Nuclear Gage<br>Competent Person Training<br>Post-Tensioning Institute in Unbonded Tendons<br>Asphalt Institute in Mix Design Technology<br>DSA Class I<br>OSHPD Class A<br>AWS-CWI<br>NICET Level II Highway Construction Materials<br>30-hour Hazardous Waste |
| Michael Kopenski           | Inspector | Certified Welding Inspector<br>ICC Reinforced Concrete<br>ICC Masonry   |

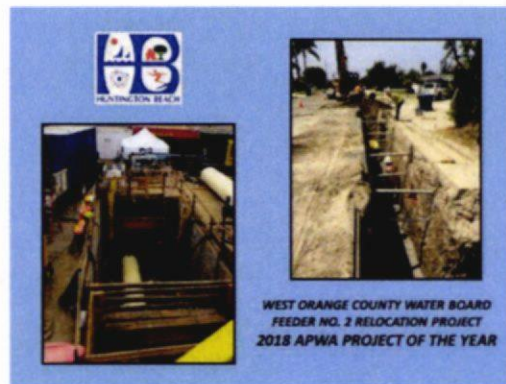
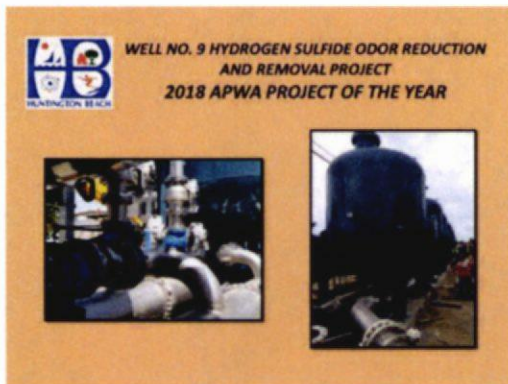




|                     |           |  |
|---------------------|-----------|--|
|                     |           | <p>ICC Spray Allied Fireproofing<br/>         ICC Welding (S2)<br/>         ICC Structural Welding &amp; Bolting (S1)<br/>         ACI Certification<br/>         Non-destructive testing<br/>         LADBS City of Los Angeles Registered Steel Inspector (Welding)<br/>         PCI Level I Lead Hazard Awareness<br/>         Concrete Paving Inspection<br/>         Hot Mix Asphalt Master Inspector<br/>         Sampling Techniques<br/>         Structure Construction Inspection<br/>         Landscape Inspection<br/>         SWPP and Water Pollution Control Programs<br/>         Advances Construction Site Best Management Practices (BMPS)<br/>         Field Applications<br/>         Water Pollution Administration<br/>         Inspection and Maintenance of Construction Sites<br/>         Management of Construction Site Dewatering Operations<br/>         Water Quality Sampling and Analysis on Construction Sites<br/>         Traffic Control Management</p> |
| Jarrold Martin      | Inspector | <p>ICC – Master of Special Inspection, Structural Steel and Bolting Special Inspector, Spray Applied Fire Proofing Special Inspector, Structural Welding Special Inspector, Reinforced Concrete Special Inspector, Structural Masonry Special Inspector, Structural Steel &amp; Welding Special Inspector; ACI Concrete Field Testing Technician Grade-I; AWS CWI; City of Los Angeles Deputy Building Inspector</p>   |
| Darryl Faulstick    | Inspector | <p>ICC Certified in Prestressed Concrete, Reinforced Concrete<br/>         ACI Concrete Field Testing Technician Grade I</p>   |
| Ben P. Graubard     | Inspector | <p>B.A., California State University Fullerton<br/>         10-hour OSHA Health and Safety Course<br/>         ICC Reinforced Special Inspector<br/>         ICC Prestressed Concrete Special Inspector<br/>         ACI Concrete Field Testing Technician Grade 1<br/>         ACI Aggregate Testing Technician –Level 1<br/>         ACI Concrete Laboratory Testing Technician –Level 1 ACI Concrete Testing Technician –Level 2<br/>         Cal Trans Quality Control Manager California Test Methods: CT105, CT125, 201, ,217, 226,227,504,518, 521,523,524,533,539, 540,556 and 557<br/>         Registered Special Inspector, County of Orange</p>   |
| Greg Astran         | Inspector | <p>B.A. Political Science<br/>         California State University San Bernardino<br/>         Certified Nuclear Gauge Operator<br/>         American Concrete Institute Field Technician Grade I<br/>         Caltrans Certifications: CA 125AGG, CA 125PCC, CA 216, CA 231<br/>         Operating Engineers Local 12 6000 Hour<br/>         Apprenticeship Program – State of CA Certified<br/>         Public Works Inspection Coursework 15 Units Rancho Santiago College</p>  |
| Daniel Jimenez, Jr. | Inspector | <p>ACI – Field Technician;<br/>         ICC Reinforced Concrete, Structural Welding, Master of Special Inspection, Structural Steel &amp; Welding, Structural Steel and Bolting, Spray Applied Fire Proofing, Structural Masonry; AWS-CWI; NDT<br/>         Ultrasound Testing Level II, Magnetic Particle Level II, Ultrasonic Phased</p>   |

|                |                    |  |
|----------------|--------------------|--|
|                |                    | <p>Array Level II, San Diego City Cert<br/>Concrete/Masonry/Welding/Fireproofing; CT 504, 518, 539, 540, 543, 556, 557<br/>OSHA 10hr<br/>Fall protection<br/>Scaffold Hazard Awareness<br/>Confined Spaces</p>   |
| Dustin Sexton  | Inspector          | <p>AWS/CWI Certification<br/>Riverside Community College<br/>AWS Welding Inspector<br/>City of Long Beach Structural Steel and Welding<br/>County of Los Angeles Structural Steel and Concrete<br/>ICC Master of Structural Inspection<br/>ICC Structural Steel and Concrete<br/>ICC Structural Welding<br/>ICC Structural Steel and Bolting<br/>ICC Spray-Applied Fireproofing<br/>CWI Welding<br/>City of Los Angeles Welding</p>  |
| Tariq Abdullah | Laboratory Manager | <p>B.S., Geology<br/>Caltrans Certificate of Proficiency for: Calculations for Gradings &amp; SpG, Soil &amp; Aggregate Prep., Sieve Analysis of Fine &amp; coarse Aggregates, Percentage of Crushed Particles, Specific Gravity &amp; Absorption of Fine and coarse Aggregate Sand Equivalent, Moisture content, Cleanness of Coarse Aggregate, Durability Index, R-Value Soils and Bases, Preparation of Bituminous Mixtures for Testing, Bulk Secific Gravity &amp; Denisty of Bituminous Mixtures, Theoretic Max Specific Gravity &amp; Density of Bituminous Paving Mixtures, Stabilometer Value, Moisture Content using Microwave, Asphalt Content of Bituminous Mixes, Ignition Method<br/>NICET Level II for: Asphalt, Concrete, Soil<br/>Radiation Safety and Use of Nuclear Gage</p> |

### Local Presence and Experience



AESCO has been performing materials testing, construction inspection, geotechnical

engineering, and environmental engineering for the City of Huntington Beach for the past 18 years. We have performed construction materials testing and inspections, geotechnical and environmental engineering for projects ranging from street rehabilitation to lift stations and new structures. AESCO's location within the City makes AESCO an ideal candidate to perform the required scope of services in a very timely manner. **We have always provided immediate response to all requests and have worked around the clock on emergency projects, as needed.** Other cities and agencies that AESCO has held on-call contracts for materials testing and inspections in Orange and Los Angeles Counties include the Cities of Santa Ana, Costa Mesa, South El Monte, West Hollywood, Anaheim, San Clemente, Villa Park; the County of Orange; LA Unified School District; Orange County Transit Authority; Caltrans; and LA Metro Transportation Authority.

A description of recent, relevant projects with references are provided below. Additional references are included within the Appendix.

## 405 Freeway Widening |Between SR-73 and I-605 Freeway, Orange County| Caltrans



AESCO performed the testing and inspection which include review of the concrete mix for pavement, caissons, below groundwater structures, etc. and testing and inspections for concrete, concrete batch plant, rebar, aggregate, welding, steel tubing, compaction, base material evaluation and testing, and asphaltic concrete. AESCO is coordinating and managing all

of the construction materials testing and inspections services. AESCO also prepared the Quality Manual for the project including all of the digital forms for widening of the 405 Freeway between Euclid Street and the 605 Freeway, a total of 16 miles.

**Start Date:** 2018

**Completion Date:** 2023 (Projected)

**Total Cost:** \$1.9 billion

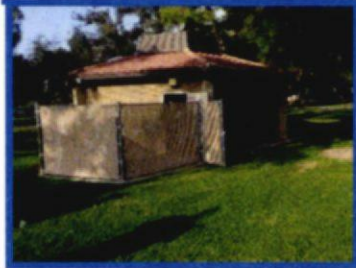
**Client:** OC 405 Partners

**Key Personnel Involved:** Adam Chamaa, P.E., G.E., Russ Scharlin, P.E., G.E., Omar Chamaa, EIT, Kay Alabed, Debra Perez, David Ryan, P.E., Giovanni Michael, Michael Kopenski, Ben P. Graubard, Jarrod Martin

**Reference:** Reem Hashem, Principal

Contracts Administrator| OCTA || Phone: (714) 560-5446 | E-mail: [Rhashem@octa.net](mailto:Rhashem@octa.net)

## On-Call A&E Construction Testing and Inspection Services| County of Orange



AESCO has held the on-call contract with the County of Orange to perform construction materials testing and inspections for the past 6 years. The project has included site liquefaction mitigation, subgrade stabilizations, foundation, concrete, grout mix design; observe and document formwork construction; observe and document placement of reinforcing steel; slump, temperature, and air entrainment tests of fresh concrete; cast, cure and test concrete cylinders for compressive strength; observation of post tensioned concrete; gamma and X-ray radiographic inspection; and hardness testing. Projects have included parks, parking structures, remodels, etc.

**Start Date:** 2015

**Completion Date:** On-Going

**Total Cost:** \$500,000

**Client:** County of Orange

**Key Personnel Involved:** Adam Chamaa, P.E., G.E., Russ Scharlin, P.E., G.E., Omar Chamaa, David Ryan, P.E., Kay Alabed

**Reference:** Eric Nelson, Project Mgr. III|

Orange County | Phone: (657) 247-1298|E-mail: [erik.nelson@ocpw.ocgov.com](mailto:erik.nelson@ocpw.ocgov.com)

## Relocation of West Orange County Water Board Feeder No. 2 | Huntington Beach and Westminster



AESCO worked during the design stage with GHD on WOCWB Feeder No. 2, a 30-inch diameter waterline relocation installed beneath the SR 405. During construction AESCO worked directly for the City of Huntington Beach and included roadway settlement monitoring and evaluation; engineering oversight; observation of test pits for groundwater; and inspections and testing of casing grout injection, welding; and trench excavation, shoring and backfill. Our engineers monitored the dewatering system and shoring of the receiving and sending pits.

**Start Date:** 2016

**Completion Date:** 2019

**Total Cost:** \$3M (estimated)

**Client:** City of Huntington Beach

**Key Personnel Involved:** Adam Chamaa, P.E., G.E., Russ Scharlin, P.E., G.E., Omar Chamaa, David Ryan, P.E., Kay Alabed **Reference:** Andrew Ferrigno, P.E., Senior Civil Engineer | City of Huntington Beach | Phone: (714)536-5291| [AFerrigno@surfcity-hb.org](mailto:AFerrigno@surfcity-hb.org)

## Main Street, Talbert Street and Heil Street Pavement Rehabilitation | Huntington Beach



AESCO performed the construction materials testing and inspections for rehabilitation of the pavement on Main Street, Heil Avenue and Talbert Avenue including reconstruction of curb and gutters, sidewalks and retaining wall improvements and asphalt paving removal and replacement. Testing and inspections included excavation bottoms, placement of all structural fill, concrete, rebar, crushed miscellaneous base, asphalt paving including base and surface layers.

**Start Date:** 2016

**Completion Date:** 2016

**Total Cost:** \$3M (estimated)

**Client:** City of Huntington Beach

**Key Personnel Involved:** Adam Chamaa, P.E., G.E., Russ Scharlin, P.E., G.E., Omar Chamaa, Debra Perez, Giovanni Michael

**Reference:** Joe Dale, Senior Contract

Administrator | Huntington Beach | Phone: (714) 334-0118 | E-mail: [JDale@surfcity-hb.org](mailto:JDale@surfcity-hb.org)



## Understanding and Methodology

AESCO is known for responding to requests by the City of Huntington Beach in a very timely manner and providing excellent service to the City. AESCO provides a budget to the City for each project prior to the start of work. Every project has its own unique scheduling and construction challenges; therefore, AESCO's methodology is intended to be flexible and allows input from the City to guarantee smooth completion of the project. AESCO's team is comprised of some of the most experienced professionals in the industry. The overall project team is always available for discussions regarding the project in order to craft solutions. Each inspector has multiple licenses that allow them to perform various inspection duties simultaneously, thus creating an efficient budget for the City. AESCO will provide qualified soil technicians and deputy inspectors with extensive public facility, utility and roadway site grading experience. AESCO's method of operation is the following:

- Prior to the start of any project AESCO will become familiar with the contract documents, project plans, technical specification, etc. and existing site(s) and conditions, and other pertinent project documents and meet with the City to review staffing, project needs, coordinate inspections and testing, and will also attend the pre-construction meeting(s) if requested.
- AESCO provides a 24-hour on-call staff and one of our Project Engineers is always available to answer any technical or scheduling issues. Technicians will be available upon 24-hour notice, or less, and for night work.
- AESCO digitally controls all assigned tasks and each unit of service is closely watched by our project manager.
- The inspector (or inspectors) then arrives at the site to perform the required testing and inspections. The technician will arrive at the site with the correct equipment, calibrated to existing standards with documentation. Equipment calibration will be performed prior to the start of work and costs are included in the total hourly rate for field services. All samples will be transported from the project site to the laboratory for testing as required.
- All breaks and other laboratory testing are scheduled through our electronic scheduling system where notification is automatically issued to the laboratory manager to perform specific tests, such as: breaks of concrete cylinders at a schedule of 7, 14 and 28-day



breaks; beam, masonry, prism breaks; aggregate testing; etc.

- Daily field reports and test results are created digitally in a standard report format and emailed within 24 hours of completion of the test or inspection to the City. Failed test results, if any, are immediately reported to the City. All our reports and test results are confidential to the client, unless otherwise directed. Field testing/compaction results of subgrade or asphalt concrete shall be communicated to the City as soon as the tests have been completed, on same day of testing, with hard copy to follow.
- Any test or inspection deficiencies, such as; failing compaction, concrete not reaching the required strength, concrete with high slump, cleanness of rebar, cleanness of footings, etc., will be discussed immediately with the City Inspector. Our professionals will provide practical solutions to critical issues encountered in the field, considering both cost and technical implications.
- A draft report summarizing test results and raw data will be submitted for review following completion of construction which will summarize all failed and passing tests. The report will include the tests performed, testing dates and test standard used. After written approval, copies of the final certification report of all inspection services performed for specific projects will be completed within 10 working days. All laboratory reports and inspection reports are supervised, reviewed and signed by a California Licensed Professional Engineer/Geotechnical Engineer.
- AESCO will comply with OSHA requirements Safety Standards. On occasion, technicians are required to enter confined spaces to perform work and will have completed confined space training and have proof of training upon arrival to do confined space work.
- All inspectors are required to communicate on a daily basis with our Quality Control Manager who ensures that all work is being performed in accordance with the Quality Control Manual.

AESCO has been successful in consistently completing its projects within the assigned budget and schedule. We thoroughly evaluate our task and scope of work and build an efficient budget for our work. Therefore, we seldom exceed the budget or schedule. AESCO has a practice of obtaining advance approval from clients prior to initiating any work which will add costs to the originally approved budget.



AESCO maintains a strict Quality Control Program (QAP). AESCO is a member of, and certified by several independent certification agencies, such as DSA, AMRL, CCRL, Caltrans, and the City of Los Angeles. AESCO is also part of the yearly reference sampling program for these agencies. These involvements ensure rigorous education and in-house training of AESCO's technicians and test method verifications. Test results and field reports are reviewed by AESCO's project manager and quality control engineer, each of whom has 30 years of experience.

### **INNOVATIVE and FLEXIBLE APPROACHES**

AESCO has used various approaches to save clients time and money as shown below:

- AESCO can provide immediate response to short notice requests
- AESCO is available to work around the clock, when needed
- AESCO has a Geotechnical Engineer/Project Engineer available at all times to respond to emergency needs
- AESCO can provide a fully equipped concrete mobile laboratory to assist in immediate on-site testing
- An example of our approach is the emergency response AESCO provided to the City of Huntington Beach when a large sinkhole developed in the middle of one of the major thoroughfares; Warner Avenue. AESCO personnel were on-site around the clock to assist in the repair and to devise a dewatering system to be used during construction. The project was completed approximately 20 percent earlier than was anticipated.
- AESCO also provided emergency response to the Alhambra Unified School District when an excavation flooded at night due to broken water line at Garfield Elementary School. AESCO's Geotechnical Engineer was on-site at 7:00 A.M. on a Saturday to assist the District in mitigation of the problem and to stabilize the subgrade.
- As part of AESCO's innovative approach to testing and inspection AESCO monitored the contractor's curing procedures and modified as necessary to protect the concrete from extreme hot and cold weather conditions during the construction of the Whitegates Reservoirs for the City of Riverside. Daily inspections were required to monitor the concrete temperature and humidity to prevent micro-cracking of the concrete due to shrinkage and expansion. AESCO also instructed the contractor to provide heat blankets to





maintain the curing temperature of the concrete as concrete placement was performed during cold weather during construction of the Brea-Olinda Landfill Gas-to Energy Facilities for the County of Orange. AESCO also provided special soil stabilization and subgrade enhancement recommendations to mitigate the wet, fine soil during construction of Northrup Elementary School for the City of Alhambra. AESCO also evaluated the effects of the existing trees on the new construction and provided recommendations to mitigate distress due to roots and landscaping.

- AESCO has performed construction materials testing and inspection services on several Federally funded projects including several roadway rehabilitation projects for the City of Huntington Beach and Pomona and several grade separation and freeway widening projects for Caltrans which were all partially state and federally funded.
- AESCO has a strong financial base, and has never experienced any bankruptcy, pending litigation, office closure, nor has any impending merger in the near future. AESCO is able to complete projects within the established schedule and does not add on additional work without prior authorization.
- AESCO's commitment to quality assurance extends to field and laboratory staff that is certified in various technical disciplines by multiple agencies such as Caltrans, ACI, NICET, and ICC. AESCO's accredited materials testing laboratory and collection of resourceful field and laboratory equipment enable our professionals to efficiently determine precise methods for qualifying construction materials.



## APPENDIX A

### Resumes

**Adam Chamaa, PE, GE***Senior Project and Engineering Manager*

Registered civil and geotechnical engineer with over 35 years of experience as geotechnical engineer and quality control/quality assurance (QC/QA) manager. Responsible for QC/QA engineering for new construction, foundations, sewer installations, roadway surfaces during and after installation, design of de-watering systems, pump stations, and assessment of soil-related environmental contamination. Provided geotechnical design recommendations for new construction for municipal, governmental and commercial projects throughout California.

**Specific Project Experience****Widening of the 405 Freeway, Euclid St. to I-605-Orange County**

*Engineering Manager:* Mr. Chamaa is the Engineering Manager for the widening of the 405 Freeway for a total of 16 miles for Caltrans and OCTA. The project includes construction of new lanes on the southbound and northbound sides, retaining walls, bridges, etc. Mr. Chamaa is also supervising the testing and inspection services which include a review of concrete mix designs, concrete testing and inspection, concrete batch plant inspection, pile inspection and logging, rebar inspection, aggregate testing, welding inspection, subgrade testing and inspection, base material evaluation and testing, compaction testing and inspection, and asphaltic concrete testing. He is working closely with the contractor to ensure that the project proceeds in a timely manner and that all testing meets required project plans and specifications.

**On-Call Soils and Materials Testing and Inspection Services-Orange County Transportation Authority**

*Engineering Manager:* Mr. Chamaa was the Engineering Manager for the soil and material testing and inspection services on an on-call basis for any OCTA owned facilities. Various projects were performed at the five maintenance and operations facilities, various transportation centers and park-and-ride facilities owned by the OCTA. AESCO also provided all labor, materials, equipment, and facilities to perform soils and materials testing and inspection services during construction of the various projects. The services included performing required testing of soils, asphalt concrete, masonry, Portland cement concrete, reinforcing steel, and structural steel. In addition, special deputy inspection services for welding, reinforcing steel, masonry, concrete placement, and roofing installation inspection were also performed.

**Lenain Water Treatment Plant Modifications-City of Anaheim**

*Engineering Manager:* Mr. Chamaa was the Engineering Manager for the geotechnical engineering for various improvements to upgrade the existing water treatment facility for GHD for the City of Anaheim. As part of the upgrade, it is proposed to construct a new chemical feed system structure, install a new 36-inch diameter pipeline between the Reservoir and the Parkview Pump Station and widen the delivery truck road. Various new retaining walls will also be constructed. Several borings

*Education:*  
M.S. Civil  
Engineering,  
Geotechnical and  
Highway Design;  
Louisiana Technical  
University, Ruston, LA

*B.S., Civil  
Engineering,  
Louisiana Technical  
University, Ruston,  
Louisiana*

*Registrations:*  
California No. C53992  
(Civil)  
California No. C2784  
(Geotechnical)  
Nevada No. 022245  
(Civil)



were performed as well as potholing to locate utilities throughout the site. Extensive slope stability analyses and retaining wall design were performed to determine the optimal design for widening of the roadway. Mr. Chamaa also supervised the construction materials testing and inspections for the improvements which included: evaluation and testing of backfill for MSE retaining walls; compaction; concrete; grout; fill stockpile evaluation; welding; review and evaluation of retaining wall plans and foundation plans.

**Sewer Lift Station Replacement Project, Algonquin Lift Station No. 10 – City of Huntington Beach**

*Engineering Manager:* Mr. Chamaa was the Engineering Manager for a geotechnical investigation for the demolition and replacement of an existing lift station and some of the associated piping with a new lift station located approximately 50 feet south of the existing station. The new lift station consisted of a concrete vault with a footprint area of approximately 10 feet by 10 feet and about 30 feet to 35 feet in depth. Liquefaction analysis was performed. Recommendations were provided for shoring during construction, dewatering, sewer line installation using trenching methods, bedding materials, mat foundation including bearing pressures, lateral earth pressures, and wall backfill. AESCO performed the testing and inspection during construction of the lift station and the associating piping, trench shoring, backfill, vibration monitoring review, concrete, and pipe encasement from Algonquin to Heil in Huntington Beach.

**Expansion of 12kV Power System – Disneyland Resort, Anaheim**

*Engineering Manager:* Mr. Chamaa was the Engineering Manager for the performed construction materials testing and inspection for construction of the electrical infrastructure to support expansion additions to the existing 12kV power system network in Disneyland and extending into the City of Anaheim. Three new switching stations were installed with electrical ducts running through the Disneyland Resort facilities including through the Simba parking lot, the Timon parking lot, the Back-Of-House, and through Disneyland Drive. The project included demolition, removal, or reinstallation of existing facilities, refinishing of all surfaces within the work areas, restoring the existing plumbing system and equipment to operational conditions, restoring the existing electrical system and equipment to operational condition.

**On-Call Geotechnical and Material Testing and Inspection Services-Los Angeles International Airport- Los Angeles**

*Engineering Manager:* Mr. Chamaa was the Engineering Manager for the on-call specialty and materials testing services during the installation of shoring and excavation for the piling platform during construction of the new RX-S Facility at LAX. The new facility will provide new electrical distribution feeders for the airport. AESCO reviewed the shoring plans, sheet pile driving procedures and the existing geotechnical report. Mr. Chamaa supervised the sheet pile installation including the depth, logging resistance and provided mitigations when refusal was encountered during the driving operations. Also inspected and performed testing of compaction of the backfill and performed classification testing of the backfill material for the new structure.

## Russell Scharlin, PE, GE Quality Control Director



Russell Scharlin is the Quality Control Director and Senior Geotechnical Engineer with over 40 years of experience in civil and geotechnical engineering. Primary responsibilities include performing all aspects of construction management, geotechnical engineering and environmental studies. Mr. Scharlin has provided design and construction management services related to pavements and foundations for numerous structures, bridges, pump stations, freeways, tanks, communication towers and other structures.

### Specific Project Experience

#### **Seismic Remediation-Elevated Roadway-John Wayne Airport, Santa Ana**

*Quality Control Director:* Mr. Scharlin was the Senior Quality Control Director for the seismic retrofit of the bridge structure located at the John Wayne Airport. The project was for the County of Orange and Caltrans. The project consisted of installation of 64 steel column casings at select concrete column locations, enlargement of selected foundation pile caps, installation of new expansion joints at terminal vehicle ramps and walkways, detensioning and retensioning of slab tendons and miscellaneous pavement and sidewalk improvements. Also prepared the Construction Quality Control Plan and the Welding Quality Control Plan. Mr. Scharlin ensured that the project was completed on schedule and under budget.

#### **Main Street, Talbert Street and Heil Street Pavement Rehabilitation-City of Huntington Beach**

*Quality Control Director:* Mr. Scharlin was the Senior Quality Control Director for rehabilitation of the pavement on Main Street (between Garfield Avenue and Delaware Street), Talbert Avenue (between Gothard Street and Newland Street) and Heil Avenue (between Edwards Street and Goldenwest Street), including reconstruction of curb and gutters, sidewalks and retaining wall improvements and asphalt paving removal and replacement. Testing and inspections included excavation bottoms, placement of all structural fill, concrete, rebar, crushed miscellaneous base, asphalt paving including base and surface layers. Mr. Scharlin worked closely with the contractor to ensure that the project was completed on schedule and under budget.

#### **Springdale Reservoir – City of Huntington Beach**

*Quality Control Director:* Mr. Scharlin was the Senior Quality Control Director and Senior Geotechnical during construction of the 150-million-gallon capacity reservoir which is partially below ground. The project also included a new electrical building and a combination pump station/control and security building at the existing reservoir facility. Mr. Scharlin worked closely with the City of Huntington Beach and the contractor to ensure that the project was completed on schedule and under budget.

#### **Algonquin Lift Station No. 10, Huntington Beach**

*Quality Control Director:* Mr. Scharlin was the Senior Quality Control Director for the geotechnical

*Education:  
M.S., Civil  
Engineering  
(Geotechnical),  
University of  
California at Davis*

*B.S., Civil  
Engineering,  
University of  
California at Davis*

*40-hour Health and  
Safety Training*

*Registrations:  
Geotechnical  
Engineer, State of  
California  
Civil Engineer, State of  
California*



investigation and construction materials testing and inspections for the demolition and replacement of an existing lift station and some of the associated piping with a new lift station located approximately 50 feet south of the existing station for the City of Huntington Beach. The new lift station consisted of a concrete vault with a footprint area of approximately 10 feet by 10 feet and about 30 feet to 35 feet in depth.

**Olinda Landfill-Gas to Energy Facilities – City of Yorba Linda**

*Quality Control Director:* Mr. Scharlin was the Senior Quality Control Director for construction materials testing and inspection services during construction of the gas to energy facilities at the Brea-Olinda landfill for the City of Yorba Linda and the County of Orange. The facilities included the installation of gas turbines mounted on concrete slabs, a combustion turbine generator, chilled water systems, polishing systems, compressed air systems, a step-up transformer, switch gears, axillary transformers, a main building and control room, trenching and piping, and miscellaneous structures. New access roads were also constructed.

**Warner Avenue Gravity Sewer Lift Station C – City of Huntington Beach**

*Quality Control Director:* Mr. Scharlin was the Senior Quality Control Director for the construction materials testing and inspection and for the geotechnical and environmental Phase II investigations for a new lift station facility. The project consisted of the replacement of the existing Lift Stations B and C and the Sunset Beach Sanitary Lift Station with a new Lift Station C. The submersible lift station incorporated a 14 foot by 26 foot by 22 foot deep wet well. The bottom of the well foundation was approximately 26 to 27 feet below existing grade. The new lift station also included an 8-foot deep valve vault which was 15 feet by 10 feet in plan dimension, a 60 kW outdoor generator, and electrical panels.

**State College Boulevard Grade Separation-Fullerton**

*Quality Control Director:* Mr. Scharlin was the Senior Quality Control Director for replacement of the at-grade railroad crossing by construction an underpass for State College Boulevard beneath the existing BNSF railroad. The City of Fullerton and the Orange County Transportation Authority (OCTA) constructed a vehicle undercrossing at the intersection of State College Boulevard and the Burlington Northern Santa Fe Railway. The roadway will be lowered between Santa Fe Avenue to the north to approximately 500 feet south of Valencia Drive to the south. Construction consisted of a temporary railroad shoo-fly, a railroad bridge, retaining walls, a pump station, pavement and utilities reconstruction. AESCO performed QA inspection and testing for earthwork, foundation installation, concrete, reinforcing steel and pavement reconstruction.

**Sand Canyon Grade Separation-Irvine**

*Quality Control Manager:* Mr. Scharlin was the Quality Control Manager for the materials testing and inspections for the Sand Canyon Grade Separation project at the 5 Freeway in Irvine. The project includes the construction of a rail underpass, retaining walls, railroad relocation, storm drains, utility relocations, Sand Canyon Avenue relocation, and a new pump station. Third parties involved in the project include the City of Irvine, the Southern California Regional Rail Authority, Caltrans, and the Irvine Ranch Water District.



## David J. Ryan, PE

### Quality Control Manager

Mr. Ryan is a registered civil engineer and Quality Control Manager with over 40 years of experience in civil engineering. Primary responsibilities include daily administration, record keeping, cost and schedule control, progress reporting, and working closely with the client to ensure that the project is completed on schedule and under budget.

*B.S., Civil  
Engineering,  
University of Illinois,  
Champaign-Urbana,  
1973*

*Registrations:  
California No. C49661  
(Civil)*

## Specific Project Experience

### Beach Boulevard Water Main Extension Project-City of Huntington Beach and Caltrans

*Quality Control Manager:* Mr. Ryan was the Quality Control Manager for a 1500-foot extension of a water main on Eastbound Beach Boulevard between South Warner Avenue and Robidoux Drive and West Beach Boulevard to East Beach Boulevard at Holt in the Caltrans right-of-way. The testing and inspections included the placement of all structural fill and backfill, concrete testing and inspection, subgrade and aggregate base placement and compaction, asphalt paving construction (base and surface layers), rubber asphaltic concrete, slurry backfill, and inspection of ductile iron and pvc water lines, valves, fittings and the existing lines connections.

### Village at Westfield/Topanga Retail Mall, Canoga Park

*Quality Control Manager:* Mr. Ryan was the Quality Control Manager for materials testing and inspection during expansion of the existing mall for Westfield Property LLC. The project included a parking garage, a new Costco Retail store and a tri-level mall retail area. Testing and inspection included concrete batch plant, concrete piles and logging, rebar, structural steel, masonry, fireproofing high strength bolting, aggregate, welding, mass grading, utility excavations, footing inspections, subgrade, base material evaluation, compaction, and asphaltic concrete.

### Long Beach Main Pumping Plant, Los Angeles County Sanitation District, Long Beach

*Quality Control Manager:* Mr. Ryan was the Quality Control Manager for the quality control inspection and materials testing and geotechnical engineering services for the contractor for the Los Angeles County Sanitation District for the New Main Pumping Plant. The project involved a 50-foot wet well next to the existing plant along the 710 Freeway, adjacent to the Port of Long Beach. Forty separate structural concrete pours were performed below grade which required mass concrete-thermal control.

### Gerald Desmond Bridge Replacement, Port of Long Beach

*Quality Control Manager:* Mr. Ryan was the Quality Control Manager for production testing of all reinforcing steel splices in accordance with Caltrans procedures for the replacement of the existing bridge. Sampling and testing were performed for rebar welded hoops, couplers, and reinforcing bars during construction of the foundations for the new bridge.

### Lakeview Avenue Grade Separation, Anaheim and Yorba Linda

*Quality Control Manager:* Mr. Ryan was the Quality Control Manager for preparation of the QC/QA manual and supervised materials testing and inspection during construction of a new railroad grade



separation at the BNSF track. The project included railroad bridges, retaining walls, depressed roadways, utility relocations, roadway bridges, channel walls and drainage ditches.

**Design/Build Modernization for Terminal 1, Redevelopment Program for Terminal 7 and Modernization of Terminal 6, Los Angeles World Airport for the City of Los Angeles**

*Quality Control Manager:* Mr. Ryan was the Quality Control Manager for the special inspection and testing for three design/build projects at terminals 1, 6 and 7 for Southwest and United Airlines and for Westfield Properties. The scope of work included testing of the subgrade, base and concrete pavement for aprons, and asphaltic concrete tests on the areas between taxiways and utility trenches on the operation areas of the airport. Inside the terminals, concrete, masonry, fireproofing, structural steel with high strength bolting and welding special inspections were provided on a 24/7 basis during construction to seismically upgrade the 45 year old structures. Supervised a work force of eight inspectors working 2 shifts per day which was required to complete the project while keeping the terminals open.

**Indian Springs Athletic Complex, San Bernardino County**

*Quality Control Manager:* Mr. Ryan was the Quality Control Manger and supervised and reviewed the geotechnical recommendations for foundation design for the proposed stadium, running track, field and aquatics center structures and masonry side walls for the San Bernardino Unified School District. Mr. Ryan also supervised the caisson and footing installations, offsite fabrication of the stadium and construction of the pools.





## Kay Alabed

### *Project Coordinator*

Kay is the founder and president of AESCO Inc. She established the company in 1994 in Baton Rouge, Louisiana as a drilling company, which grew to a full-scale construction management and engineering firm. Kay serves as Project Coordinator, payroll manager and is also the administration of all of AESCO's projects. Ms. Alabed is also office manager and is in charge of the company's daily operations, project scheduling, client relationships, and accounting. She has written numerous computer software programs for the organization and operation of the firm. Kay also has a medical degree in Dentistry and her medical knowledge and experience enables her to serve as the company's health and safety officer. Kay prepared AESCO's Health and Safety Manual, Quality Assurance Program, and oversees the operating procedures for AESCO's nuclear density gauges. She also schedules and budgets many of AESCO's projects. She has been responsible for coordinating and scheduling a variety of projects such as: freeway, grade separations, commercial, dam sites, gasoline service stations, and solid waste sanitary landfill sites.

#### **Education:**

*B.S., Dental  
Medicine, Damascus  
University, 1990.*

#### **Professional Certifications:**

*Hazardous Waste  
Operations OSHA's  
Standard Training  
Certificate  
Radiation Safety  
officer and Nuclear  
Gauge Certified*

## Specific Project Experience

### **Sand Canyon Grade Separation-Irvine**

*Project Coordinator:* Ms. Alabed was the Project Coordinator for the Sand Canyon Grade Separation project in Irvine for the Orange County Transportation Authority/Caltrans. The project included a railroad shoo-fly and new railroad bridge and CIDH foundations, retaining walls, shoring, pavement, utility installation, a pump station and building construction.

### **Perris Valley Line Commuter Rail Extension Project-Perris**

*Project Coordinator:* Ms. Alabed was the Project Coordinator for the Perris Valley Line Extension Rail Project for the Riverside County Transportation Commission. The project involved a 22-mile extension of the existing 512-mile Metrolink commuter rail system and stations.

### **Soundwalls for the 210 Freeway-Los Angeles County**

*Project Coordinator:* Ms. Alabed was the Project Coordinator for the new soundwalls on the 210 Freeway for Caltrans. The project included bridge and retaining structures and soundwalls.



## Debra Perez

### *Project Manager*

Debra Perez has been a Project manager for various geotechnical and environmental engineering projects for over 35 years. Ms. Perez has been project manager for a variety of projects including construction of new above ground oil storage tanks for ARCO, City of Lynwood Senior Center, new natural gas pipelines and steam generating facilities for Southern California Edison, several freeway and road projects including new embankment fills, new bridges, grade separations, pavement design and survey of existing road conditions, and new telecommunications facilities throughout California. Ms. Perez' experience includes hazardous waste investigations, supervision of the soils laboratory and preparing reports for compaction, preliminary soil investigation, distress investigation, and slope repair projects.

#### **Education:**

*Civil Engineering,  
Graduate Studies  
Program,  
California State  
University, Long  
Beach, California*

*B. S., Renewable  
Natural Resources,  
University of  
California, Davis, 1978*

## Specific Project Experience

### **Sewer Lift Station Replacement Project-Algonquin Lift Station No. 10, Huntington Beach**

*Project Manager:* Ms. Perez was the Project Manager for the geotechnical investigation and construction materials testing and inspections for the demolition and replacement of an existing lift station and some of the associated piping with a new lift station located approximately 50 feet south of the existing station. The new lift station consisted of a concrete vault with a footprint area of approximately 10 feet by 10 feet and about 30 feet to 35 feet in depth.

### **Ranger Sewer Lift Station No. 16-City of Huntington Beach**

*Project Manager:* Ms. Perez was the Project Manager for the geotechnical investigation and the materials testing and inspection for construction of Ranger Sewer Lift Station No. 16 for the City of Huntington Beach. The new lift station was 24 feet by 24 feet in plan dimension and was placed at a depth of 18 feet below the existing ground surface. Recommendations were made for a mat foundation, dewatering during construction, waterproofing, pipe bedding, lateral pressures, and shoring.

### **Auto Center Drive/BNSF Railroad Grade Separation, Corona**

*Project Manager:* Ms. Perez was the Project Manager for the geotechnical and materials testing and inspections for the Auto Center Drive grade separation project for the City of Corona and Riverside County Transportation Commission. The project consisted of constructing a four-lane overcrossing at Auto Center/BNSF railroad tracks. Construction required a bypass roadway, other roadway improvements, retaining walls, utilities and CIDH piling foundations.



**On-Ramp Widening, Eastbound SR-91 Freeway at Beach Boulevard, Buena Park**

*Project Manager:* Ms. Perez was the Project Manager for the geotechnical investigation and materials testing and inspection services for the widening of the Eastbound SR-91 Freeway On-Ramp at Beach Boulevard for the City of Buena Park, a Caltrans oversight project. An environmental investigation and Aerially Deposited Lead study was also performed.

**State College Boulevard Grade Separation, Fullerton**

*Project Manager:* Ms. Perez was the Project Manager for the replacement of the at-grade railroad crossing by construction an underpass at State College Boulevard beneath the existing BNSF railroad for the City of Fullerton. Construction consists of a temporary railroad shoo-fly, a railroad bridge, retaining walls, a pump station, pavement and utilities reconstruction.

**Lambert Park – City of Huntington Beach, Department of Public Works**

*Project Manager:* Ms. Perez was the Project Manager for a geotechnical investigation for a repair of a failing slope at the existing park. The slope is 40 feet high and inclined at 1.5:1 (H:V). The investigation included logging and sampling of several borings, laboratory testing, slope stability analyses, and a seismic and geologic review. AESCO provided recommendations for slope repair including reconstructing the base of the slope in 10-foot wide sections. A buttressing wedge was placed at the toe of the slope using compacted crushed aggregate base and keyed 3 feet into the underlying native soils. Above the wedge, horizontal geotextile strips were placed at the surface of the existing slope to reinforce the surficial soils. AESCO monitored the construction activities during the slope repair.

**Warner Avenue Gravity Sewer Lift Station C, Huntington Beach**

*Project Manager:* Ms. Perez was the Project Manager for the construction materials testing and inspection and the geotechnical and environmental Phase II investigations for a new lift station facility for the City of Huntington Beach. The project consisted of the replacement of the existing Lift Stations B and C and the Sunset Beach Sanitary Lift Station with a new Lift Station C. The submersible lift station incorporated a 14 foot by 26 foot by 22 foot deep wet well. The bottom of the well foundation was approximately 26 to 27 feet below existing grade. The new lift station also included an 8-foot deep valve vault which was 15 feet by 10 feet in plan dimension, a 60 kW outdoor generator, and electrical panels. The sewer installation was installed over a distance of 1 mile.

**Olinda Landfill-Gas to Energy Facilities – Yorba Linda**

*Project Manager:* Ms. Perez was the Project Manager for construction materials testing and inspection services during construction of the gas to energy facilities at the Brea-Olinda landfill for the City of Yorba Linda and the County of Orange. The facilities included the installation of gas turbines mounted on concrete slabs, a combustion turbine generator, chilled water systems, polishing systems, compressed air systems, a step-up transformer, switch gears, axillary transformers, a main building and control room, trenching and piping, and miscellaneous structures. New access roads were also constructed. Mr. Chamaa performed the special materials inspection and testing services during construction. Services include grading and fill inspection/testing (fill acceptance, compaction tests, classification tests, and excavation inspections), foundation inspections, rebar, high strength bolts, grout, asphalt, etc.



## Omar Chamaa, EIT

### *Inspection Manager*

Mr. Omar Chamaa has over 14 years of experience as inspection manager supervising inspection of construction materials such as concrete, steel, anchors, soils, and grading. Mr. Chamaa has multiple Caltrans certificates and has been the inspection manager for several City of Huntington Beach, Caltrans and OCTA projects which included CMU walls, bridges, roadways, utilities, foundations, pipeline installations, lift stations, and retaining wall construction. Mr. Chamaa was responsible for construction material approval, such as: select fill, foundation excavation, slope cut, steel installation, and concrete mix design for various projects. He attended construction meetings to discuss material approvals, deficiencies, modifications, as well as providing final observation reports to the client.

## Specific Project Experience

### **Widening of the I-405 Freeway, Euclid St. to I-605-Orange County**

*Inspection Manager:* Mr. Chamaa is the Inspection Manager for the Quality Verification materials testing and inspection during widening of the I-405 Freeway between Euclid Street and the I-605 Freeway, a total of 16 miles, for OCTA and Caltrans. The widening project includes construction of new lanes on the southbound and northbound sides, retaining walls, bridges, etc. Testing and inspection services include a review of concrete mix designs, concrete, concrete batch plant inspection, pile inspection and logging, rebar inspection, aggregate testing, welding inspection, subgrade, base material evaluation and testing, compaction, and asphaltic concrete. Mr. Chamaa has also coordinated the scheduling of inspections, supervised safety compliance, traffic control, lane closures, and the Stormwater Pollution prevention Plan (SWPPP).

### **Warner Avenue Gravity Sewer Lift Station C, Huntington Beach**

*Inspection Manager:* Mr. Chamaa was the Inspection Manager for the construction materials testing and inspection and the geotechnical and environmental Phase II investigations for a new lift station facility for the City of Huntington Beach. The project consisted of the replacement of the existing Lift Stations B and C and the Sunset Beach Sanitary Lift Station with a new Lift Station C. The submersible lift station incorporated a 14 foot by 26 foot by 22 foot deep wet well. The bottom of the well foundation was approximately 26 to 27 feet below existing grade. The new lift station also included an 8-foot deep valve vault which was 15 feet by 10 feet in plan dimension, a 60 kW outdoor generator, and electrical panels. The sewer installation was installed over a distance of 1 mile.

### **Sand Canyon Grade Separation, Irvine**

*Inspection Manager:* Mr. Chamaa is the Inspection Manager for the materials testing and inspections for the Sand Canyon Grade Separation project at the 5 Freeway in Irvine. The project

#### *Education:*

*California State University, Long Beach. B.S. Civil Engineering, 2009.*

#### *Professional Certifications:*

*EIT  
ICC Certified Concrete Inspector  
CalTrans Certificate of Proficiency, Flexural Strength of PCC, Grading, Compressive Strength, Concrete Curing, Making Beams, Rapid Set Concrete, etc.  
City of Newport Beach Registered Deputy Building Inspector  
City of Garden Grove Registered Deputy Building Inspector  
ACI Certified, Concrete Field Testing Technician  
ACI Certified, Concrete Laboratory Testing Technician  
City of Long Beach Registered Deputy building Inspector  
City of Riverside Registered Deputy Inspector  
Certified Radiation Safety and Nuclear Gage Operator*



includes the construction of a rail underpass, retaining walls, railroad relocation, storm drains, utility relocations, Sand Canyon Avenue relocation, and a new pump station. Third parties involved in the project include the City of Irvine, the Southern California Regional Rail Authority, Caltrans, and the Irvine Ranch Water District.

**First Street Bridge Replacement, City of Santa Ana**

*Inspection Manager:* Mr. Chamaa is the Inspection Manager for the construction materials testing and inspections during the replacement of the bridge. Geotechnical services consisted of pile driving parameters evaluation and selection of fill materials. Testing and inspections were conducted on piles, welding, structural steel, precast concrete, concrete, asphalt, mix designs, etc.

**State College Boulevard Grade Separation, Fullerton**

*Inspection Manager:* Mr. Chamaa is the Inspection Manager for the replacement of the at-grade railroad crossing by construction an underpass for State College Boulevard beneath the existing BNSF railroad. The City of Fullerton and the Orange County Transportation Authority (OCTA) are constructing a vehicle undercrossing at the intersection of State College Boulevard and the Burlington Northern Santa Fe Railway. The roadway will be lowered between Santa Fe Avenue to the north to approximately 500 feet south of Valencia Drive to the south. Construction consists of a temporary railroad shoo-fly, a railroad bridge, retaining walls, a pump station, pavement and utilities reconstruction. AESCO has performed QA inspection and testing for earthwork, foundation installation, concrete, reinforcing steel and pavement reconstruction.

**Sewer Lift Station Replacement Project, Algonquin Lift Station No. 10, Huntington Beach**

*Inspector:* Mr. Chamaa was the Inspector for the geotechnical investigation and construction materials testing and inspections for the demolition and replacement of an existing lift station and some of the associated piping with a new lift station located approximately 50 feet south of the existing station. The new lift station consisted of a concrete vault with a footprint area of approximately 10 feet by 10 feet and about 30 feet to 35 feet in depth.

**Broadcom Headquarters-Irvine**

*Inspection Manager:* Mr. Chamaa is the Inspection Manager for the two bridge structures during the first phase of construction. One bridge on the north side has two lanes, two sidewalks and planters and is for access to the new structures. This bridge is approximately 180 feet by 90 feet in plan dimension. The second bridge consists of a pedestrian plaza with a fire lane access and is approximately 450 feet by 150 feet in plan dimension. Marine Way will extend beneath the bridge allowing access to the Great Park in Irvine. Materials testing and inspections consisted of reinforcing steel and concrete for footings, columns, retaining walls, bridge deck, approach slabs, wing walls, Caltrans barrier rails, and Caltrans sidewalks. Pile caps, post-tensioning for the foundations and slabs were also inspected as well as the electrical layouts, falsework for the bridge deck and concrete forms.



## Steven Crumb

### Laboratory Manager

Mr. Steven Crumb has over 12 years of experience in laboratory testing and materials testing such as concrete, steel, bolts, CMU walls, soils and aggregate. He is experienced in performing materials and geotechnical testing. Mr. Crumb supervises the quality control for laboratory operations and audits, has implemented new laboratory testing including creation of fixtures, protocols and reporting, and trained staff on concrete, aggregate, soils, steel, rebar and cement products.

### Specific Project Experience

#### Los Angeles Regional Interoperative Communications Systems-Los Angeles County

*Laboratory Manager:* Mr. Crumb is the Laboratory Manager during construction of the new emergency communications system for Los Angeles County. The system is composed of over 100 monopoles, three-legged and four-legged self-supported towers, support slabs for equipment and generators, and rooftop antennae placed throughout the County. The system will cover 88 cities and the unincorporated areas of Los Angeles County and will cover 4,084 square miles. The towers range in height from 50 feet to over 180 feet. The purpose of the system is to provide improved radio and broadband communication for public safety providers. Mr. Crumb is supervising the materials testing which includes concrete, rebar, soil, masonry, epoxy, structural steel, asphalt, etc.

#### Metrolink Parking Structure – Orange

*Laboratory Manager:* Mr. Crumb was the Laboratory Manager for the new Metrolink parking structure at the Orange Transportation Center. The new structure is 5 stories high with 2 subterranean levels and provides parking for 611 vehicles. Mr. Crumb supervised the materials testing which included reinforced concrete, rebar, mortar, soils, epoxy dowels, prestressed concrete, grout.

#### On-Call Construction Inspection and Materials Testing-LAUSD-Los Angeles

*Laboratory Manager:* Mr. Crumb is the Laboratory Manager for the materials testing for various projects for Los Angeles Unified School District. The materials testing included asphaltic concrete, concrete, reinforcing steel, masonry, structural steel, high strength bolts, soils, etc.

#### Education:

*B.S. Civil Engineering (in progress)  
California State University,  
Long Beach*

*Civil Engineering  
Cerritos College*

#### Professional Certifications:

*ACI  
Concrete Laboratory Testing  
Concrete Field Testing  
Concrete Strength  
Caltrans  
Calculations  
Grading  
Agg. Sampling  
Sample Prep. Soil and Agg.  
Sieve Analysis  
Percent Crushed Particles  
Relative Compaction  
Sand Equivalent  
Moisture Content  
Cleanness  
Durability  
Compressive Strength  
Flexural Strength  
Flexural Strength-PCC  
Sampling Fresh Concrete  
AASHTO  
Sieve Analysis-Fine  
Sieve Analysis-Coarse and Fine  
Reducing Samples of HMA  
Reducing Samples of Agg.  
Sand Equivalent  
Evaporable Moisture Content  
Moisture Content-HMA  
Percent*



## Giovanni Mikhail

### *Inspector*

Mr. Mikhail has over 15 years of experience in the field and in construction materials testing and inspection services for concrete, masonry, steel, anchors, soils, and grading. He is experienced in performing compaction testing, foundation inspections and subgrade inspection and testing.

### Specific Project Experience

#### **Bristol Street Slope Stabilization – John Wayne Airport, City of Santa Ana**

*Inspector:* Mr. Mikhail is the Inspector for the materials testing and inspection during construction of upper and lower Mechanically Stabilized Earth (MSE) Retaining Walls and associated drainage facilities and appurtenances along the north side of North Bristol Street and at the south end of the John Wayne Airport. Mr. Mikhael performed concrete batch plant inspection; the grading and earthwork inspection and testing; retaining wall backfill; foundation inspection; concrete structure inspection and testing; and masonry inspection and testing. Inspection of the geosynthetic fabric was also performed.

#### **Widening of the 91 Freeway-Orange and Riverside Counties**

*Inspector:* Mr. Mikhail was the Inspector for the materials testing and inspection during the widening of the 91 Freeway. The widening project includes the construction of new lanes on the east and westbound sides, new retaining walls, bridges, etc. The testing and inspection services included a review of the concrete mix designs, concrete testing and inspection, concrete batch plant inspection, pile inspection and logging, rebar inspection, aggregate testing, welding inspection, subgrade testing and inspection, base material evaluation and testing, compaction testing and inspection, retaining wall footings, rapid set concrete, masonry, MSE backfill, and asphaltic concrete testing.

#### **Perris Valley Line Commuter Rail Extension Project-AMES Construction for Riverside County Transportation Commission**

*Inspector:* Mr. Mikhail was the Inspector for the quality control inspection and materials testing services for the Perris Valley Line Extension Rail Project in Riverside County, CA. The project involves a 22-mile extension of the existing 512-mile Metrolink commuter rail system. Testing and Inspection services including compaction, asphalt, structural backfill, concrete batch plant inspection are being provided for the track, grade crossings, structures, railroad stations (Riverside Hunter Park Station, Moreno Valley/March Field Station, Downtown Perris Station and South Perris Station) and the layover facility. Mr. Mikhael performed inspection and testing of compaction, asphalt, structural backfill, and concrete batch plant inspection.

### *Education:*

*B.A., Business, Devry University, in progress*

### *Professional Certifications:*

*County of Los Angeles Certified Deputy Inspector masonry*  
*County of Los Angeles Certified Deputy Inspector concrete*  
*ICC Structural Masonry Certified Inspector*  
*ICC Reinforced Concrete Certified Inspector*  
*ACI Certified, Concrete Field Testing Technician Certified Radiation Safety and Nuclear Gage Operator*  
*Caltrans Certificate of Proficiency for: Air Content, Freshly Mixed Concrete, Pressure, Density of Fresh Concrete, Flexural Strength of PCC (Fabrication only), Ball Penetration in Fresh Portland Cement Concrete, Sampling Freshly Mixed Concrete, PCC Cylinder Fabrication, Slump of Fresh Portland Cement Concrete, Temperature of Freshly Mixed Portland Cement Concrete*  
*TWIC Card*



## **Christopher J. Sobek**

### **Senior Inspector**

Mr. Christopher J. Sobek has over 17 years of experience in the field performing testing and inspection of construction materials such as concrete, steel, anchors, soils and grading. Mr. Sobek performed construction materials testing and inspections for multiple Caltrans projects which included bridges, roadways, utilities, foundations, pipeline installations, and retaining wall construction.

### **Specific Project Experience**

#### **Fireproofing of High Bay Hanger-Los Angeles International Airport**

*Inspector:* Mr. Sobek was the Inspector for the fireproofing of the High Bay Hanger for American Airlines.

#### **Terminal 2 and Terminal 4-Ontario International Airport**

*Inspector:* Mr. Sobek was the Inspector during construction of the two new terminals. Testing and inspections consisted of concrete, foundations, rebar, welding, compaction, etc.

#### **Gerald Desmond Bridge Replacement- Long Beach**

*Inspector:* Mr. Sobek was the Inspector for replacement of the existing bridge for the Port of Long Beach. Testing and inspections were performed for concrete, rebar, couplers, asphaltic concrete, welding, soil, compaction, base, foundation, paint and batch plant inspection.

#### **I-605/I1-10 Connector- El Monte**

*Inspector:* Mr. Sobek was the Inspector for flyover connector from southbound I-605 to the eastbound I-10 for Caltrans. The proposed fly-over direct connector (southbound I-605 to eastbound I-10) would replace the existing shared at-grade connector. Testing and inspections were performed for concrete, subgrade compaction, asphalt, rebar, etc.

#### **Alondra Park Pool/Skate Park- Los Angeles County**

*Inspector:* Mr. Sobek was the Inspector for the construction materials testing and inspections for the construction of the Pool and Skate Park at Alondra Park near Lawndale. The new pool is 25 meters by 25 meters in plan dimension and the skate park is 14,000 square feet. Testing and inspections were performed for compaction, concrete, rebar, epoxy, etc.

### **Education:**

*Coastline  
Community  
College, Orange  
Coast College,  
Orange County  
Inspection  
Certificate:  
Building  
Inspection,  
Concrete/Masonry  
Blueprint Reading,  
Wood/Steel  
Framing, Fire &  
Life Safety,  
Welding  
Technology,  
Electrical,  
Plumbing*

### **Professional Certifications:**

*ICBO/ICC-  
Reinforced  
Concrete, Prestress  
Concrete, Structural  
Steel/Welding,  
Structural Mas,  
Fireproofing,  
Building Inspection  
and Plumbing  
ACI Laboratory  
Testing-Grade I and  
Grade II,  
Transportation  
Radiation Safety  
and Use of Nuclear  
Gage  
Competent Person  
Training  
Post-Tensioning  
Institute in  
Unbonded Tendons  
Asphalt Institute in  
Mix Design  
Technology  
DSA Class I  
OSHPD Class A  
AWS-CWI  
NICET Level II  
Highway  
Construction  
Materials  
30-hour Hazardous  
Waste*





## Michael Kopenski

*Senior Inspector*

Mr. Michael Kopenski has over 20 years of experience for a variety of projects for Airport, Caltrans, Public Works and Public Schools throughout Southern California.

### Specific Project Experience

#### Gerald Desmond Bridge Replacement Project - CALTRANS

*Quality Control Inspector:* Mr. Kopenski was the Quality Validation Structure Inspector for the construction of Gerald Desmond Bridge. Mr. Kopenski performed shop and field inspection and nondestructive testing of structural steel weldments. Mr. Kopenski performed final inspections and testing of all material per the plans and specifications.

#### Widening of the I-405 Freeway-Orange County

*Inspector:* Mr. Faulstick is the Inspector for the Quality Verification materials testing and inspection during widening of the I-405 Freeway between Euclid Street and the I-605 Freeway, a total of 16 miles, for OCTA and Caltrans. The widening project includes construction of new lanes on the southbound and northbound sides, retaining walls, bridges, etc. The testing and inspection services include a review of concrete mix designs, concrete testing and inspection, concrete batch plant inspection, pile inspection and logging, rebar inspection, aggregate testing, welding inspection, subgrade testing and inspection, base material evaluation and testing, compaction testing and inspection, and asphaltic concrete testing.

#### Crenshaw / LAX Transit Corridor - Metrolink

*Quality Control Inspector:* Mr. Kopenski was the Quality Inspector for placement of reinforcing steel along the transit corridor daily for compliance. Kept daily testing logs of welding and nondestructive testing.

#### SR-91 Express Lanes Project – OCTA

*Quality Control Inspector:* Mr. Kopenski was the Quality Inspector for the quality assurance inspection and testing for the SR-91 Express Lanes Project Interchange improvements new ramps and loops, widening of highway and street improvements. Project took over 3 1/2 years to complete. 2014-2018

#### Tom Bradley International Terminal (TBIT)– LAX

*Quality Control Inspector:* Mr. Kopenski was the Quality Inspector for the new 110ft-tall (3-story) Great Hall at the upgraded terminal, part of the \$509.8 million project. The new Great Hall was approximately 150,000 square feet. Mr. Kopenski performed inspection of all structural weldments.

**Certifications:**  
*Certified Welding Inspector  
ICC Reinforced Concrete  
ICC Masonry  
ICC Spray Allied Fireproofing  
ICC Welding (S2)  
ICC Structural Welding & Bolting (S1)  
ACI Certification  
Non-destructive testing  
LADBS City of Los Angeles Registered Steel Inspector (Welding)  
PCI Level 1*



## Jarrold Martin

### Lead Inspector

Mr. Jarrold Martin is a highly experienced lead inspector with over 17 years of extensive experience doing grading, earthwork, structures, utilities and asphalt concrete placement for roads, highways, and bridges. His strengths include, but are not limited to, highway and roadway testing and inspection of soil, Portland cement concrete, asphalt concrete, and aggregate base for new construction and rehabilitation projects. Additional experience includes coordinating or directing other field inspectors and technicians as needed, review of daily test reports, and monitoring of testing frequencies in accordance with the project specification. He can recognize unstable subgrades and provide on-site mitigation alternatives including overexcavation and installation of many geo-fabrics. He is also extremely proficient at inspecting and reporting on all structures. He started working with structures as a carpenter and moved directly, swiftly, and successfully into the inspection industry performing as a lead inspector since 2012 .

#### Certifications:

ICC – Master of Special  
Inspection, Structural  
Steel and Bolting Special  
Inspector, Spray Applied  
Fire Proofing Special  
Inspector, Structural  
Welding Special  
Inspector, Reinforced  
Concrete Special  
Inspector, Structural  
Masonry Special  
Inspector, Structural  
Steel & Welding Special  
Inspector; ACI Concrete  
Field Testing Technician  
Grade-I; AWS CWI; City  
of Los Angeles Deputy  
Building Inspector

## Specific Project Experience

### Union Patsaouras Bus Depot-Los Angeles

*Lead Inspector:* Mr. Martin was the Lead Inspector for the contractor as well as Metro and CalTrans for the new bus platform. Performing inspections on a daily basis and coordinating various inspectors and technicians for the testing and inspections that were required. Performed inspections and testing of the overexcavation and backfill of subgrade, installation of CIDH piles, micropiles, footings, columns, caps for the overpass, a pedestrian stairway, and two elevators.

### Widening of the I-405 Freeway-Orange County

*Inspector:* Mr. Martin is the Inspector for the Quality Verification materials testing and inspection during widening of the I-405 Freeway between Euclid Street and the I-605 Freeway, a total of 16 miles, for OCTA and Caltrans. The widening project includes construction of new lanes on the southbound and northbound sides, retaining walls, bridges, etc. The testing and inspection services include a review of concrete mix designs, concrete testing and inspection, concrete batch plant inspection, pile inspection and logging, rebar inspection, aggregate testing, welding inspection, subgrade testing and inspection, base material evaluation and testing, compaction testing and inspection, and asphaltic concrete testing.

### 3<sup>rd</sup> Street and Broadway Cycle Track-Long Beach

*Inspector:* Mr. Martin was the Lead Inspector performed QC inspection and testing in City of Long Beach for roadway modifications to include a bike lane along 3rd Street and along Broadway. The project included relocating utilities, HMA grind and overlay, and installation of the new concrete bus pad. Mr. Martin inspected and tested the placement of base and HMA.



#### **Four Seasons Wetherly-Los Angeles**

*Lead inspector:* Mr. Martin was the Lead Inspector for a new 12-story tower which included 59 luxury condos, 3 pools, and a 3-story parking garage as its base. The \$250 million project consisted of soldier pile shoring, grading, export of soils, concrete, and post tension construction. Due to the expeditious and high-profile nature of this project the contractor made a valiant effort to place concrete every working day. Therefore, the contractor's questions needed expeditious answers and inspections needed to be completed as swiftly and accurately as possible to keep the project on time and under budget. Mr. Martin coordinated the inspections, sampling, and testing of the construction materials and craftsmanship of the work performed and installed by the contractor and subcontractors to ensure compliance with project plans and specifications.

#### **241 Toll Road-Orange County**

*Civil Inspector:* Mr. Martin was the Civil Inspector during excavation of the sloughing slope during the and toll road expansion. Mr. Martin was responsible for the inspection of the craftsmanship and documentation of compliance with the approved slope and shoring plans. Inspected the excavation for unstable and unsuitable material. Observed placement of the repaired slope and drainage culverts, placement of rock materials, concrete, and structures. Performed testing and inspection of compaction of all soils and aggregate used to reconstruct the slope. Verified the bottoms of the overexcavation and the keyways prior to the placement of fill. Also verified bench cutting into suitable material on a continuous basis to ensure the stability of the slope when complete. Construction included placement of fill for widening of the roadbed, MSE walls, backfill operations abutments, placement of all concrete/aggregate products, pipe, conduit, RCP, PVC, and corrugated pipe, soil nail walls and tie back walls. Paving materials included lean concrete base, jointed plain concrete pavement and asphalt concrete.

#### **State Route 125 Design-Build Project- Chula Vista**

*Inspector:* Mr. Martin was the Inspector during the \$775 million design-build project which consisted of a new 12-mile toll road from SR-905 to the SR-54 and the gap/connectors to SR-54, which included 23 bridge structures. Provided comprehensive quality control services including materials handling, testing, source inspection, structural inspection, and sampling. Performed materials laboratory testing in mobile laboratories on-site



## Darryl Faulstick

*Inspector*

Mr. Darryl Faulstick has more than 16 years of experience in construction quality management, QA/QC inspection and testing that spans a variety of project types including Caltrans, Metro, design builds, transportation, education, renewable energy, residential and commercial development. I have in-depth knowledge of codes, specifications and the standard tools and equipment utilized in construction, sampling and testing of construction materials. I have knowledge of mathematics and the methods used for computation of construction items. I have progressively increased my level of responsibilities throughout my career. The past 4 projects have extensive experience working as lead QA/QC inspector.

*Certifications:  
ICC Certified in  
Prestressed Concrete,  
Reinforced Concrete*

*ACI Concrete Field  
Testing Technician  
Grade I*

## Specific Project Experience

### **Widening of the I-405 Freeway-Orange County**

*Inspector:* Mr. Faulstick is the Inspector for the Quality Verification materials testing and inspection during widening of the I-405 Freeway between Euclid Street and the I-605 Freeway, a total of 16 miles, for OCTA and Caltrans. The widening project includes construction of new lanes on the southbound and northbound sides, retaining walls, bridges, etc. The testing and inspection services include a review of concrete mix designs, concrete testing and inspection, concrete batch plant inspection, pile inspection and logging, rebar inspection, aggregate testing, welding inspection, subgrade testing and inspection, base material evaluation and testing, compaction testing and inspection, and asphaltic concrete testing.

### **AES Huntington Beach Energy Project-Kiewit, Huntington Beach**

*Lead Special Inspector:* Mr. Faulstick was the Inspector during construction of the new power plant in Huntington Beach. Responsibilities included ensuring that the inspections and testing for the project were completed in accordance with CBC, ASTM and Kiewit project specifications, testing frequencies, overseeing day to day construction quality and daily reports. Professional working relationships with Kiewit, AES, NV5 and GPI. Specific inspection tasks included ACIP, pile caps, utilities, mass grading, concrete placement, grout placement, reinforcement and managing technicians.

### **SFI Gerald Desmond Bridge Replacement Project-Long Beach**

*Lead QA Inspector:* Mr. Faulstick was the Lead Inspector during replacement of the existing bridge. Responsibilities included ensuring that the inspection and testing for the project were completed in accordance with Caltrans and POLB specifications, testing frequencies, overseeing the day to day construction quality and providing testing documentation, daily reports. Professional working relationships with Caltrans, POLB, SFI staff. Specific inspection tasks included roadway, hollow/solid columns, CIDH, MSE walls, abutments, approach slabs, retaining walls, barrier slabs, barrier walls, pile caps, MBGR, mass grading, roadway grading, storm drains, utilities, concrete placement, reinforcement, asphalt paving, managing technicians.



**Devore I-15/I-215 Interchange Project-Devore**

*Lead QA Inspector:* Mr. Faulstick was the Lead Inspector during improvements to the interchange through adding one new lane and two miles of truck bypass lanes in each direction and building a new I-15 mainline northbound connector. Responsibilities included ensuring that the inspection and testing for the project were completed in accordance with Caltrans specifications, testing frequencies, overseeing the day to day construction quality and providing testing documentation, daily reports. Professional working relationships with Caltrans and Atkinson staff. Specific inspection tasks included roadway, solid columns, CIDH, MSE walls, bridge abutments, tieback/soil nail walls, approach slabs, retaining walls, barrier slabs, barrier walls, MBGR, mass grading, roadway grading, storm drains, utilities, street improvements, reinforcement, concrete placement, shotcrete placement, grout placement, asphalt paving, managing technicians.

**I-405 Sepulveda Pass Widening Project-Los Angeles**

*Lead QA Inspector:* Mr. Faulstick was the Lead Inspector during the widening of the I-405 Freeway. Responsibilities included ensuring that the inspection and testing for the project were completed in accordance with Caltrans and LA City specifications, testing frequencies, overseeing the day to day construction quality and providing testing documentation, daily reports. Professional working relationships with Caltrans, LA City, Kiewit staff. Specific inspection tasks included roadway, MSE walls, CIDH, solid columns, bridge abutments, approach slabs, barrier slabs, barrier walls, retaining walls, sound walls, mass grading, roadway grading, tieback/soil nail walls, MBGR, storm drains, utilities, reinforcement, concrete placement, shotcrete placement, grout placement, street improvements, asphalt paving, managing technicians.

**Pine Tree Wind Turbine Project-LADWP, Mojave**

*Lead QA Inspector:* Mr. Faulstick was the Lead Inspector during construction of the wind turbine project. Responsibilities included ensuring that the inspection and testing were completed in accordance with LADWP specifications, testing frequencies, overseeing the day to day construction quality and providing testing documentation, daily reports. Professional working relationships with LADWP, Kiewit staff. Specific inspection tasks included concrete foundations, rock anchors, CIDH, bridge deck, mass grading, roadway grading, storm drains, utilities, reinforcement, concrete placement, grout placement, concrete and grout sampling, soils testing.



## Ben P. Graubard

*Senior Inspector*

Mr. Ben Graubard has a total of 14 years of construction and infrastructure experience on various airport and roadway projects throughout California. His experience ranges from Quality Control, (various districts), to Quality Assurance Representing the California Department of Transportation in District 8. Ben's responsibilities have ranged from the testing and inspection of concrete. Inspection of grade, installation of reinforcement, and the placement of concrete.

### Specific Project Experience

#### **South Airfield Improvement Project-Los Angeles World Airports, Taxiway S, Cross Field Taxiway project and Runway 7R-25L.**

*Senior Inspector:* Mr. Graubard was the Inspector for the new 75-foot wide center taxiway, Runway 7R-25L. The project included the replacement of the runway pavement, navigational and visual aids, and other associated site work such as utilities, lighting, signage, grading, drainage and structural improvements over the Sepulveda Tunnel. Mr. Graubard performed Quality Control Inspection in all aspects of demolition, subgrade preparation, underground utility installation, lane preparation of PCP paving, lane reinforcement inspection, airfield stripping and batch plant inspection.

#### **John Wayne Airport Taxiway Resurfacing-County of Orange**

*Inspector:* Mr. Graubard was the Inspector for the resurfacing of the most heavily used portion of Runway 19R/1L. A 54-foot section in the middle of the runway was resurfaced. Mr. Graubard inspected and testing concrete placement, fabrication, testing, and stripping.

#### **Big Bear Airport-Big Bear City**

*Inspector:* Mr. Graubard was the Inspector for the resurfacing of a portion of Big Bear Airport. Mr. Graubard performed reinforcement inspection and concrete sampling of the Portland Cement Concrete.

#### **Santa Monica Airport-Santa Monica**

*Inspector:* Mr. Graubard was the Inspector for the resurfacing of a portion of Santa Monica Airport. Mr. Graubard performed reinforcement inspection and concrete sampling of the Portland Cement Concrete.

#### **Airfield Improvements-Naval Airstation, North Island Coronado**

*Senior Inspector:* Mr. Graubard was the Senior Inspector for the improvements to the Airfield at the Naval Base in Coronado. Mr. Graubard performed reinforcement inspection and concrete sampling of the Portland Cement Concrete.

#### **Education:**

*B.A., California State University Fullerton*

*10-hour OSHA Health and Safety Course*

#### **Certifications:**

*ICC Reinforced Special Inspector*

*ICC Prestressed Concrete Special Inspector*

*ACI Concrete Field Testing Technician Grade 1*

*Grade 1*

*ACI Aggregate Testing Technician –Level 1*

*ACI Concrete Laboratory Testing Technician – Level 1*

*ACI Concrete Testing Technician – Level 2*

*Level 2*

*Cal Trans Quality Control Manager*

*California Test Methods:*

*CT105, CT125, 201, ,217, 226,227,504,518,*

*521,523,524,533,539, 540,556 and 557*

*Register Special*

*Inspector, County of Orange*



**Widening of the I-405 Freeway-Orange County**

*Senior Inspector:* Mr. Graubard is a Senior Inspector for the Quality Verification materials testing and inspection during widening of the I-405 Freeway between Euclid Street and the I-605 Freeway, a total of 16 miles, for OCTA and Caltrans. The widening project includes construction of new lanes on the southbound and northbound sides, retaining walls, bridges, etc. The testing and inspection services include a review of concrete mix designs, concrete testing and inspection, concrete batch plant inspection, pile inspection and logging, rebar inspection, aggregate testing, welding inspection, subgrade testing and inspection, base material evaluation and testing, compaction testing and inspection, and asphaltic concrete testing.

**I-5 Castaic Rehabilitation Project-Castaic to Palomas Bridge Wash, Santa Clarita**

*Senior Inspector:* Mr. Graubard was a Senior Inspector for the removal and replacement of the existing pavement from the I-5/SR 14 Interchange north for 15.8 miles. This 15.8-mile Caltrans project consisted of constructing new north and south lanes. Testing and inspections included roadway/concrete excavation, aggregate base, lean concrete, base, asphalt, concrete paving, rapid set lean concrete base, precast concrete panels.

**Interstate 10 Carpool Lane-Puente Ave to Route 57-Los Angeles County**

*Senior Inspector:* Mr. Graubard was a Senior Inspector for the 9-mile extension (both directions), a total of 18 miles, of the existing I-10 High Occupancy Vehicle (HOV) lanes from SR 605 to SR 57 in Los Angeles County. Mr. Graubard coordinated the concrete testing and sampling for this project.

**LA Stadium Performance Venue-Inglewood**

*Senior Inspector:* Mr. Graubard was a Senior Inspector for the 70,000-seat open-air SoFi Stadium and measures 3.1 million square feet. Mr. Graubard performed inspection on reinforcement inspection on the stadium and on the surrounding perimeter walls. He also verified materials used and the sampled of concrete for testing.



## Greg Astran

*Inspector*

Mr. Greg Astran has over 20 years of experience in the construction industry, including 9 years of inspection experience. His experience includes both laboratory and field testing of concrete, rebar, soils and concrete asphalt. Mr. Astran is proficient with ASTM, Cal Trans, California Department of Water Resources, San Diego County Water Authority, OSHPD, and various other public agencies' testing and project specifications.

### Specific Project Experience

#### Widening of the I-405 Freeway-Orange County

*Inspector:* Mr. Astran is an inspector during widening of the I-405 Freeway between Euclid Street and the I-605 Freeway, a total of 16 miles, for OCTA and Caltrans. The widening project includes construction of new lanes on the southbound and northbound sides, retaining walls, bridges, etc. Mr. Astran performs inspection and testing of soils and grading, foundations, subgrade, and concrete.

#### Westchester High School-Los Angeles

*Inspector:* Mr. Astran was the Inspector for the ADA Upgrades at Westchester High School for LAUSD. Testing and inspections included welding inspections and shop welding.

#### Desalinization Plant and Pipelines-Carlsbad

*Lead Inspector:* Mr. Astran was the inspector during construction of the largest desalinization plant in the United States. The plant and associate piping were to enhance the water supply for San Diego County. Mr. Astran performed materials testing and inspection for soils, compaction, concrete and verified the line and grade of the pipeline during installation.

#### Kaiser Permanente Fontana Replacement Hospital-Fontana

*Lead Inspector:* Mr. Astran was the inspector during construction of the 490,000 square foot hospital which included the main hospital, tower building, central chiller plant, medical office building, SCE substation, and parking. Mr. Astran performed materials testing and inspection for soils, grading, fine grading, utilities, asphaltic concrete, permeable concrete parking, and retaining walls.

#### Education:

*B.A. Political Science  
California State  
University San  
Bernardino*

#### Certifications:

*Certified Nuclear  
Gauge Operator  
American Concrete  
Institute Field  
Technician Grade I  
Caltrans Certifications:  
CA 125AGG, CA  
125PCC, CA 216, CA  
231  
Operating Engineers  
Local 12 6000 Hour  
Apprenticeship Program  
- State of CA Certified  
Public Works Inspection  
Coursework 15 Units  
Rancho Santiago  
College*





## Daniel Jimenez, Jr.

### Lead Inspector

Mr. Jimenez is a special inspector with the ability to coordinate multiple tasks and inspections at the same time. He has many years of experience with on-site inspecting, having over 18 years of experience. He has worked as a Senior Inspector coordinating inspections on major projects and specializes in welding inspection and steel fabrication for structural elements, high pressure vessels and piping. Mr. Jimenez is also certified level II Ultrasound Testing and Magnetic Particle Level II for full penetration welding.

### Specific Project Experience

#### Widening of the I-405 Freeway-Orange County

*Lead Inspector:* Mr. Jimenez is the senior welding inspector during widening of the I-405 Freeway between Euclid Street and the I-605 Freeway, a total of 16 miles, for OCTA and Caltrans. The widening project includes construction of new lanes on the southbound and northbound sides, retaining walls, bridges, etc. Performing all the welding inspection for the underground water ties and rerouting and for the water lines in the cities of Huntington Beach, Westminster, Fountain Valley, and Costa Mesa.

#### University of California-Irvine

*Lead Inspector:* Mr. Jimenez was the senior welding inspector during underground pipe replacements on the Irvine Campus. The pipe installation included new chilled and hot water lines for numerous UCI buildings such as the Student Center, Cogent, Art, Stem Cell, etc. The pipe diameters ranged from 8 inches to 36 inches in diameter and were welded with Butt Welds 60-degree single vee open root. Nondestructive testing was also performed for all hot high-pressure pipes.

#### Lane Field-San Diego

*Lead Inspector:* Mr. Jimenez was the lead inspector during construction of a new 22-story hotel resort and retail center as part of the redevelopment of Lane Field. Performed inspection of welding, bolting, reinforced concrete, and fireproofing. Mr. Jimenez has also performed nondestructive testing for this project.

#### University Town Center Westfield Mall-La Jolla

*Lead Inspector:* Mr. Jimenez was the lead inspector during construction of a remodeled shopping mall, anew trolley line, and new office space and parking structure. Mr. Jimenez was responsible for coordinating and assigning tasks, elevating issues, and communicating with contractor. Performed inspection of welding, reinforced concrete, masonry, bolting, fireproofing and also performed nondestructive testing.

#### Certifications:

ACI – Field Technician;  
ICC Reinforced  
Concrete, Structural  
Welding, Master of  
Special Inspection,  
Structural Steel &  
Welding, Structural Steel  
and Bolting, Spray  
Applied Fire Proofing,  
Structural Masonry;  
AWS-CWI; NDT  
Ultrasound Testing Level  
II, Magnetic Particle  
Level II, Ultrasonic  
Phased Array Level II,  
San Diego City Cert  
Concrete/Masonry/Weldi  
ng/Fireproofing; CT  
504, 518, 539, 540, 543,  
556, 557  
OSHA 10hr  
Fall protection  
Scaffold Hazard  
Awareness  
Confined Spaces



## Dustin Sexton

### Special Inspector

Mr. Dustin Sexton has over 25 years of experience as a welding inspector for multiple projects throughout California. His experience includes school projects, lift stations and telecommunications facilities.

### Specific Project Experience

#### MacClay Wellness Center, Charles MacClay Middle School, Pacoima

*Inspector:* Mr. Sexton was the inspector for the new single-story steel frame building with concrete foundations. Mr. Sexton performed concrete inspection and testing and inspections at the batch plant.

#### BHS, Los Angeles Interoperative Regional Communications Systems-South LaBrea Avenue, Los Angeles County

*Inspector:* Mr. Sexton was the inspector during construction of a 120-foot high three-legged tower, and concrete support slabs for equipment cabinets, a generator and fuel tank which was part of the new emergency communications system for Los Angeles County. Mr. Sexton performed inspections and materials testing for grading, soils, foundations, concrete, and steel fabrication.

#### San Lorenzo Lift Station-Santa Ana

*Inspector:* Mr. Sexton was the inspector during construction of the new lift station for the City of Santa Ana. Mr. Sexton performed inspections and materials testing for grading, soils, aggregate sampling, and batch plant inspections.

#### UCLA Factor Building, Los Angeles Interoperative Regional Communications Systems-Tiverton Avenue, Los Angeles County

*Inspector:* Mr. Sexton was the inspector during placement of new telecommunications antennae mounted on the existing structure and a new equipment shelter on a concrete support slab which was part of the new emergency communications system for Los Angeles County. Mr. Sexton performed inspections and materials testing for welding, concrete, bolts, and anchors.

#### Second Street Elementary School Upgrades-Los Angeles

*Inspector:* Mr. Sexton was the inspector during upgrades of the existing school campus. Mr. Sexton performed inspections of the rebar during construction.

**Education:**  
*AWS/CWI Certification  
 Riverside Community College*

**Professional Certifications:**  
*AWS Welding Inspector  
 City of Long Beach Structural Steel and Welding  
 County of Los Angeles Structural Steel and Concrete  
 ICC Master of Structural Inspection  
 ICC Structural Steel and Concrete  
 ICC Structural Welding  
 ICC Structural Steel and Bolting  
 ICC Spray-Applied Fireproofing  
 CWI Welding  
 City of Los Angeles Welding*



## Tariq Abdullah

### *Senior Laboratory Technician*

Mr. Tariq Abdullah has over 20 years of experience in the field and in laboratory testing of construction materials such as concrete, steel, asphalt, and soils. Tariq is experienced in conduction testing in accordance with ASTM, AASHTO and Caltrans. Mr. Abdullah is proficient in conducting sieve analysis, testing of asphalt concrete using Marshall Max, specific gravity (Rice), ignition method for extraction/gradation, flow stability and moisture content from microwave oven methods. He is adept in the use of Hveem method for stability and paraffin max density for specific gravity at 25 degrees Celsius. Tariq has also tested and fabricated concrete cylinders, mortars, prisms, masonry cores and grout samples to determine concrete strength through use of the compressive strength machine; and is proficient in the laboratory testing of soil including moisture content, plasticity index, expansion, particle size analysis, R-Value, direct shear, consolidation, etc. Mr. Abdullah is also experienced in the testing and inspection of soil and asphalt during grading.

*Education:*  
*Karachi University,*  
*Pakistan. B.S.*  
*Geologic Science,*  
*1988.*

*Professional*  
*Certifications:*  
*ACI*  
*Caltrans*  
*NICET*

## Specific Project Experience

### **Roadway Construction at Pacific Coast Highway and Alameda-Long Beach**

*Laboratory Supervisor:* Mr. Abdullah performed laboratory testing including wet density tests in accordance with Caltrans 216 test for roadway construction at Pacific Coast Highway and Alameda in Long Beach (Alameda Grade Separation).

### **Widening of Taxiway D, Bob Hope Airport-Burbank**

*Laboratory Technician:* Mr. Abdullah performed laboratory testing for the widening of Taxiway D at Bob Hope Airport, Burbank. Testing included asphalt flow and stability (Marshall and Hveem), maximum specific gravity (Rice), bitumen extraction, bulk specific gravity, percent air voids, core density, asphalt extraction, R-value.

### **Street Rehabilitation-Anaheim**

*Laboratory Supervisor:* Mr. Abdullah performed laboratory testing of asphalt, base and Portland cement concrete for City of Anaheim street projects in accordance with Caltrans procedures.

### **Repavement of the 710 Freeway-Los Angeles County**

*Laboratory Supervisor:* Mr. Abdullah performed laboratory testing of asphalt for the I-710 repaving project in accordance with Caltrans procedures. Testing included asphalt flow and stability (Marshall and Hveem), maximum specific gravity (Rice), bitumen extraction, bulk specific gravity, percent air voids, core density, asphalt extraction, R-value.

### **I-5 Freeway Widening-Los Angeles County**

*Laboratory Supervisor:* Mr. Abdullah performed laboratory testing of asphalt, concrete, and backfill for the I-5 Freeway widening and relocation at Alondra for Caltrans.



## APPENDIX B

### Certifications

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Sacramento, CA 95833-2944  
916 283-2222

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LAND SURVEYORS, AND GEOLOGISTS**  
2535 CAPITOL OAKS DRIVE, SUITE 300  
SACRAMENTO, CA 95833-2944  
916 283-2222



**IMPORTANT**

**CIVIL ENGINEER**

CERTIFICATE NO. **C 53982**  
ADAM CHAKAA  
6661 ALAMITOS CIR  
HUNTINGTON BEACH CA 92648

EXPIRATION  
12/31/21

ADAM CHAKAA

| CERTIFICATE NO. | EXPIRATION DATE | RECEIPT NO. |
|-----------------|-----------------|-------------|
| C 53982         | 12/31/21        | 12230812    |

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PFRC 04/22/11

Signature \_\_\_\_\_ RECEIPT NO. 12230812

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Sacramento, CA 95833-2944  
916 283-2222

11/30/18  
11/30/18

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**BOARD FOR PROFESSIONAL ENGINEERS,  
LAND SURVEYORS, AND GEOLOGISTS**  
2535 CAPITOL OAKS DRIVE, SUITE 300  
SACRAMENTO, CA 95833-2944  
916 283-2222



**IMPORTANT**

**GEOTECHNICAL ENGINEER**

CERTIFICATE NO. **GE 2784**  
ADAM SALEH CHAKAA  
6661 ALAMITOS CIR  
HUNTINGTON BEACH CA 92648

EXPIRATION  
12/31/21

ADAM SALEH CHAKAA

| CERTIFICATE NO. | EXPIRATION DATE | RECEIPT NO. |
|-----------------|-----------------|-------------|
| GE 2784         | 12/31/21        | 12230810    |

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PFRC 04/22/11

Signature \_\_\_\_\_ RECEIPT NO. 12230810











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City of Huntington  
Beach

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**From** support@360training.com  
**To:** <daverlinryan@yahoo.com>  
**Date** Wed, Sep 2 2020 at 5:22 PM

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| <b>Email:</b>           | daverlinrya1@yahoo.com                    |

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**dca**  
DEPARTMENT OF CONSUMER AFFAIRS



**BOARD FOR PROFESSIONAL  
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This is To Certify That Pursuant  
To The Provisions of Chapter 7, Division 3 of The Business and Professions Code.

**Omar Salah Chamaa**  
IS DULY CERTIFIED AS AN

**ENGINEER-IN-TRAINING**

In The State of California, and is Entitled To All The Rights and  
Privileges Conferred in Said Code

WITNESS OUR HAND AND SEAL

Certificate No. EIT 135299

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VALID UNTIL PROFESSIONAL LICENSURE IS OBTAINED  
BOARD FOR PROFESSIONAL  
ENGINEERS AND LAND SURVEYORS



  
Executive Officer

  
President

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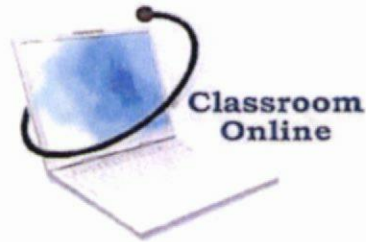
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Certificate of Course Completion

Omar Chamaa

Student's Name

40 Hr IIAZWOFCR

Course Title

10/06/2011 22:23 CST

Course Completion Date



Student's Signature

2107177

Certificate Number

40

# of hours approved

I hereby attest that I have completed the above named  
Safety course in accordance with the ethical guidelines  
Defined by Classroom Online.  
I acknowledge that I consumed all information and took  
All Pertinent Quizzes and/or final tests.

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February 10, 2015

OMAR S CHAMAA  
8515 RHODS CIR  
FOUNTAIN VALLEY, CA 92708

RE: REINFORCED CONCRETE SPECIAL INSPECTOR ASSOCIATE

Congratulations! You are now certified as an ICC Reinforced Concrete Special Inspector Associate. Your certificate is enclosed and ICC will have your wallet card mailed out separately. Your certification information will be posted on the Certification Website as an Active Certification.

**RENEWAL:** Prior to the expiration date shown on your wallet card, we will mail you a reminder notice with information on certification renewal to your address on record. If your address has changed, please see CHANGE OF ADDRESS below. Unless otherwise specified, we will mail the renewal reminder notice 6 months before your Certification expiration date. This is done so far in advance because we want to help ensure you have sufficient time to accrue the necessary Continuing Education Units (CEUs).

*Renewal of certifications is the responsibility of the certified individual. Please make sure you keep track of your renewal date(s).*

**CHANGE OF ADDRESS:** It is extremely important that you notify ICC Renewal Department of any change of address to avoid the possibility of your renewal information not being received. The change of address form is located on the ICC website at <http://www.icc.org/accr/accr/Pages/safety.aspx>.

Yours very truly,

Michele Porter  
Director  
Certification & Testing

Enclosures



SIAD TL 0111: CT CERTIFICATION

**CALIFORNIA DEPARTMENT  
OF TRANSPORTATION**

Presents this CERTIFICATE to

**Omar Chamaa**

who is certified to perform the following tests:

| Test Method  | Expiration Date | IA Responsible      | Associated Laboratory |
|--------------|-----------------|---------------------|-----------------------|
| CT 105       | 2021-05-18      | Eiplab Bhattacharya | Lab 1                 |
| GT 125 AD/MA | 2022-03-32      | Braedl Houchen      | Lab 1                 |
| CT 125 AGG   | 2021-05-18      | Eiplab Bhattacharya | Lab 1                 |
| CT 125 BIT   | 2022-03-32      | Braedl Houchen      | Lab 1                 |
| CT 125 GEN   | 2022-03-32      | Braedl Houchen      | Lab 1                 |
| CT 125 +MA   | 2021-05-18      | Eiplab Bhattacharya | Lab 1                 |
| CT 231       | 2022-03-32      | Braedl Houchen      | Lab 1                 |
| CT 504       | 2022-05-13      | Eiplab Bhattacharya | Lab 1                 |
| CT 518       | 2022-05-13      | Eiplab Bhattacharya | Lab 1                 |
| CT 523       | 2022-03-32      | Braedl Houchen      | Lab 1                 |
| CT 533       | 2022-03-32      | Braedl Houchen      | Lab 1                 |
| CT 539       | 2022-05-13      | Eiplab Bhattacharya | Lab 1                 |
| CT 540       | 2022-05-13      | Eiplab Bhattacharya | Lab 1                 |
| CT 541       | 2020-07-30      | Ashley Shaw         | Lab 1                 |
| CT 543       | 2022-05-13      | Eiplab Bhattacharya | (No lab)              |
| CT 558       | 2022-05-13      | Eiplab Bhattacharya | Lab 1                 |
| CT 557       | 2022-05-13      | Eiplab Bhattacharya | Lab 1                 |
| CT 843       | 2020-04-17      | Ashley Shaw         | Lab 1                 |

Lab 1: AESCO, Inc., 17782 Georgetown Ln., Huntington Beach

No Lab: Laboratory associated with the tester is not accredited to perform the test method identified. Testers must be associated with an accredited laboratory.

 Braedl Houchen 1A117

Certified Independent Assurance (IA)

Date Issued: 03/11/2020

Tester ID: C1375

Note: This certificate is valid as long as the Tester complies with applicable requirements in Caltrans.

Please verify tester certification by visiting SIAD website: <https://sic.dot.ca.gov/>  
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SIAD TL-0111: CT CERTIFICATION

TL-0111 LIVE Version

**CALIFORNIA DEPARTMENT OF TRANSPORTATION**  
 Presents this  
**CERTIFICATE**  
 to  
**Steven Crumb**



**who is certified to perform the following tests:**

| Test Method | Expiration Date | IA Responsible      | Associated Laboratory |
|-------------|-----------------|---------------------|-----------------------|
| CT 105      | 2021-04-27      | Biplab Bhattacharya | Lab 1                 |
| CT 125 AGG  | 2021-04-27      | Biplab Bhattacharya | Lab 1                 |
| CT 201      | 2021-04-27      | Biplab Bhattacharya | Lab 1                 |
| CT 202      | 2021-04-27      | Biplab Bhattacharya | Lab 1                 |
| CT 205      | 2021-04-27      | Biplab Bhattacharya | Lab 1                 |
| CT 216      | 2021-04-27      | Biplab Bhattacharya | Lab 1                 |
| CT 217      | 2021-04-27      | Biplab Bhattacharya | Lab 1                 |
| CT 226      | 2021-04-27      | Biplab Bhattacharya | Lab 1                 |
| CT 227      | 2021-04-27      | Biplab Bhattacharya | Lab 1                 |
| CT 229      | 2021-04-27      | Biplab Bhattacharya | (No lab)              |

Lab 1: AESCO Technologies Inc

*Biplab Bhushan Bhattacharya* IA#125

Certified Independent Assurance (IA)  
 Date of download: 05/01/2018

Note: This certificate is valid as long as the Tester complies with applicable requirements in Caltrans' Independent Assurance Program Manual.

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## Verify A Certification

### SEARCH RESULTS

Name: mikhail

Your search returned 2 records.

#### Mikhail, Bassem

ACI CONCRETE FIELD TESTING TECHNICIAN - GRADE I

Expires: December 16, 2022

VICTORVILLE, CA 92392 United States

#### Mikhail, Giovanni

ACI CONCRETE FIELD TESTING TECHNICIAN - GRADE I

Expires: February 27, 2021

Anaheim, CA 92802-4015 United States

Results Per Page 10

5/23/2019

Search for Certified Professionals - ICC



The ICC Certification Search contains information on individuals who may be currently certified with the International Code Council, but is not the official record. Certificates should be verified through viewing the original certificate issued by ICC to the individual or by using the search function below. To maintain the currency of ICC certificates, individuals must renew these every two to three years through retesting or professional development activities. Full details on certificate renewal requirements are found in the [Certification Renewal web pages](#).

This registry also contains certificates of state, regional, and affiliated associations which are sponsored by ICC.

ICC policy is to maintain the privacy requests of its members and constituents. If your listed information is incorrect, please notify ICC. If you prefer that detailed address and telephone information be included in your listing, please provide ICC with written notice which authorizes this action.

**Terms of Use:** This listing is provided as a service to the constituents of ICC for the purposes of locating a certified professional or contractor in your area, or confirming status for individuals. Any other use, sale, transfer, or reproduction in any form without the express written consent of ICC is strictly prohibited. ICC reserves the right to incorporate some false names to detect improper use of this service.

First Name:  Last Name:

City:  State:

Certification Type:

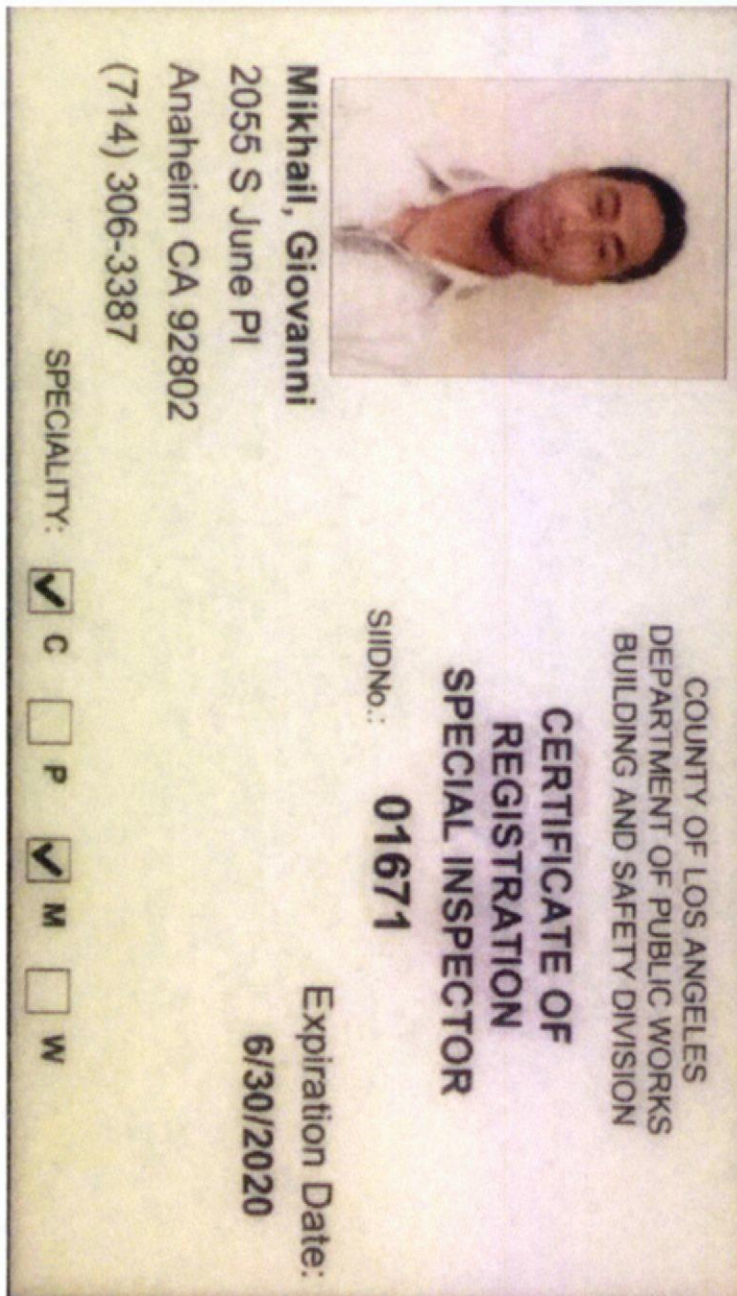
PLEASE NOTE: Search will return a maximum of 500 records, and is limited to that information on record as provided by candidates.

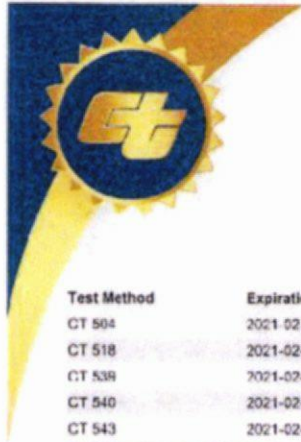
## Search Result:

1 records found.

| Certified under this name | City    | State | Certificates  |
|---------------------------|---------|-------|---|
| Giovanni Mikhail          | Anaheim | CA    | Structural Masonry Special Inspector (expires 04/19/2022)<br>Reinforced Concrete Special Inspector (expires 04/19/2022) |







SIAD TL-0111: CT CERTIFICATION

### CALIFORNIA DEPARTMENT OF TRANSPORTATION

Presents this CERTIFICATE to

## Giovanni Mikhail

who is certified to perform the following tests:

| Test Method | Expiration Date | IA Responsible      | Associated Laboratory |
|-------------|-----------------|---------------------|-----------------------|
| CT 504      | 2021-02-27      | Biplab Bhattacharya | Lab 1                 |
| CT 518      | 2021-02-27      | Biplab Bhattacharya | Lab 1                 |
| CT 539      | 2021-02-27      | Biplab Bhattacharya | Lab 1                 |
| CT 540      | 2021-02-27      | Biplab Bhattacharya | Lab 1                 |
| CT 543      | 2021-02-27      | Biplab Bhattacharya | (No lab)              |
| CT 556      | 2021-02-27      | Biplab Bhattacharya | Lab 1                 |
| CT 557      | 2021-02-27      | Biplab Bhattacharya | Lab 1                 |

Lab 1: AESCO, Inc., 17782 Georgetown Ln., Huntington Beach

No Lab: Laboratory associated with the tester is not accredited to perform the test method identified. Testers must be associated with an accredited laboratory.

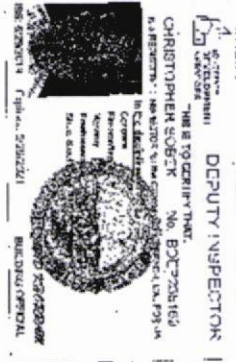
Certified Independent Assurance (CIA)

Date issued: 05/16/2019

Note: This certificate is valid as long as the Tester complies with applicable requirements in Caltrans' Independent Assurance Program Manual.

Please verify tester certification by visiting SIAD website: <https://sia.dot.ca.gov/>  
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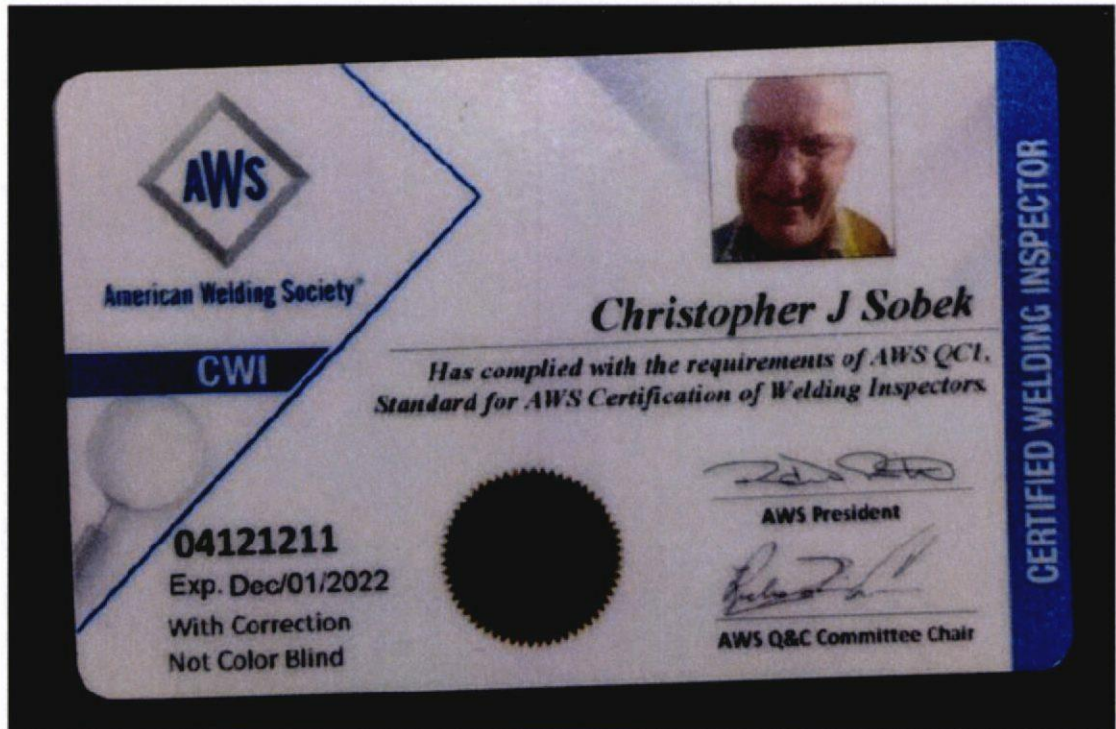
5/24/2019

Search for Certified Professionals - ICC

| Certified under this name | City             | State | Certificates   |
|---------------------------|------------------|-------|--|
| Christopher Sobek         | Huntington Beach | CA    | Prestressed Concrete Special Inspector Legacy (expires 02/17/2021)<br>Spray Applied Fire Proofing Special Inspector (expires 02/17/2021)<br>Structural Steel & Welding Spec Insp - Legacy (expires 02/17/2021)<br>Building Inspector (expires 02/17/2021)<br>Structural Masonry Special Inspector (expires 02/17/2021)<br>Reinforced Concrete Special Inspector Legacy (expires 02/17/2021)<br>Plumbing Inspector UPC (expires 02/17/2021) |

<https://www.iccsa.org/search-for-certified-professionals/>

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## Verify A Certification

### SEARCH RESULTS

Name: kopenski

Your search returned 1 record.

**Michael J Kopenski**

AcI Concrete Field Testing Technician – Grade I

Expires: December 12, 2020

Riverside, CA 92503 United States

Results Per Page 10



### AWS's Free Online Certification Verification Service



Please enter a Certification number below, along with the last name of the individual to be verified. The certification number can be found on a wallet card or wall certificate provided by the individual. The search will return the certification number, name and expiration date for each certification held by that individual.

#### Michael J Kopenski

| Cert. No. | Valid from | Expiration | Status | Cert. Description                 | Visual Acuity*                  | Eye Form Date |
|-----------|------------|------------|--------|-----------------------------------|---------------------------------|---------------|
| 12001701  | Jun 2012   | Jun 2021   | Active | Certified Welding Inspector (CWI) | Without Correction/Color Vision | May 2015      |



\*Certification number  
12001701

\*Last name  
kopenski

Go

AWS strongly suggests that the certification identity be verified with a government issued photo identification card, such as a driver's license.  
Note: Certificates and Wallet cards are the Property of AWS.

How to interpret the Certification number to determine the level of certification

9901022 8

|                  |                   |                             |                                   |
|------------------|-------------------|-----------------------------|-----------------------------------|
| ↑<br>Year Issued | ↑<br>Month Issued | ↑<br>Unique number assigned | ↑<br>Certification type (see key) |
|------------------|-------------------|-----------------------------|-----------------------------------|

Key:  
 1 = CWI  
 2 = CWI eligible for upgrade  
 3 = not by upgrade  
 4 = CWI  
 5 = CW through CWIP  
 7 = CW through Reentry  
 8 = SCWI  
 9 = CWI  
 G = CWI/IG  
 I = IG (Inspection)  
 A = CWI  
 O = CWI/O  
 R = CWI/R  
 S = CWI/S  
 T = CWI/T

Visual Acuity Codes



---

| Certified under this name | City      | State | Certificates   |
|---------------------------|-----------|-------|--|
| Michael Kopenski          | Riverside | CA    | Structural Welding Special Inspector (expires 03/02/2023)<br>Structural Steel and Bolting Special Inspector (expires 09/01/2020)<br>Spray Applied Fire Proofing Special Inspector (expires 04/08/2022)<br>Structural Masonry Special Inspector (expires 07/05/2022)<br>Reinforced Concrete Special Inspector (expires 07/16/2022)<br>Master of Special Inspection (expires 07/26/2022)<br>Structural Masonry Codes (expires 07/03/2022)<br>Reinforced Concrete Codes (expires 04/02/2022)<br>Reinforced Concrete Plans (expires 04/08/2022)<br>Structural Masonry Plans (expires 06/22/2022) |

---





8/26/2019

Search for Certified Professionals - ICC

| Certified under this name | City             | State | Certificates   |
|---------------------------|------------------|-------|--|
| Jarrod Martin             | Huntington Beach | CA    | Master of Special Inspection (expires 08/14/2022)<br>Structural Steel and Bolting Special Inspector (expires 08/14/2022)<br>Spray Applied Fire Proofing Special Inspector (expires 08/14/2022)<br>Structural Welding Special Inspector (expires 08/14/2022)<br>Soils Special Inspector (expires 08/14/2022)<br>Reinforced Concrete Special Inspector (expires 08/14/2022)<br>Structural Masonry Special Inspector (expires 08/14/2022)<br>Structural Steel & Welding Spec Insp - Legacy (expires 08/14/2022) |

<http://www.iccsafe.org/search-for-certified-professionals/>

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SIAD TL-0111: CT CERTIFICATION

# CALIFORNIA DEPARTMENT OF TRANSPORTATION

Presents this CERTIFICATE to

## Jarrood Martin

who is certified to perform the following tests:

| Test Method | Expiration Date | IA Responsible | Associated Laboratory |
|-------------|-----------------|----------------|-----------------------|
| CT 504      | 2024-01-19      | Sarbjit Grewal | Lab 1                 |
| CT 518      | 2024-01-19      | Sarbjit Grewal | Lab 1                 |
| CT 539      | 2024-01-19      | Sarbjit Grewal | Lab 1                 |
| CT 540      | 2024-01-19      | Sarbjit Grewal | Lab 1                 |
| CT 543      | 2024-01-19      | Sarbjit Grewal | (No lab)              |
| CT 556      | 2024-01-19      | Sarbjit Grewal | Lab 1                 |
| CT 557      | 2024-01-19      | Sarbjit Grewal | Lab 1                 |

Lab 1: AESCO, Inc., 17782 Georgetown Ln., Huntington Beach

No Lab: Laboratory associated with the tester is not accredited to perform the test method identified. Testers must be associated with an accredited laboratory.

*Sarbjit Grewal A.A. 131*

Certified Independent Assurance (IA)

Date issued: 08/17/2020

Tester ID: 04735

Note: This certificate is valid as long as the Tester complies with applicable requirements in Caltrans Independent Assurance Program Manual.

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Policies](#)

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## Verify A Certification

### SEARCH RESULTS

Name: faulstick

Your search returned 1 record.

**Faulstick, Darryl T**

ACI CONCRETE FIELD TESTING TECHNICIAN - GRADE I

Expires: April 18, 2020

Costa Mesa, CA 92626-2919 United States

Results Per Page: 10



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### NEWS

May 21, 2019  
[New ACI Certificate Program Packages](#)

May 17, 2019  
[Concrete Footballs Draw Crowd](#)

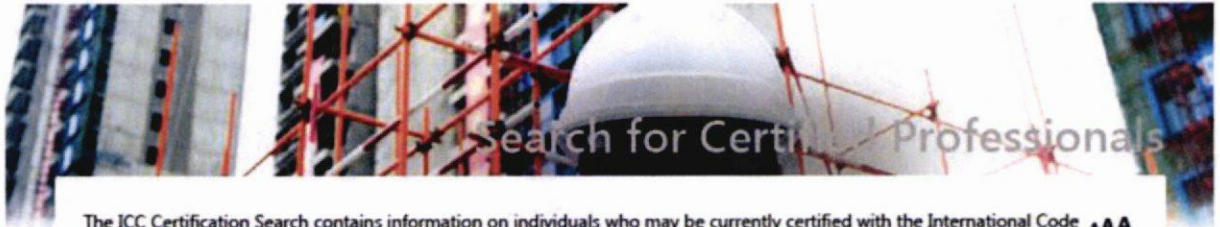
May 13, 2019  
[Yarmouk University Hosts First Concrete Competition in Jordan](#)

May 6, 2019  
[ACI Foundation Funds Research Projects](#)



5/23/2019

Search for Certified Professionals - ICC



The ICC Certification Search contains information on individuals who may be currently certified with the International Code Council, but is not the official record. Certificates should be verified through viewing the original certificate issued by ICC to the individual or by using the search function below. To maintain the currency of ICC certificates, individuals must renew these every two to three years through retesting or professional development activities. Full details on certificate renewal requirements are found in the [Certification Renewal web pages](#).

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|                     |  |  |  |
|---------------------|--|--|--|
| First Name:         | <input type="text" value="darryl"/>        | Last Name:   | <input type="text" value="faulstick"/>     |
| City:               | <input type="text"/>                       | State:   | <input type="text" value="Please select"/> |
| Certification Type: | <input type="text" value="Please select"/> | <input type="button" value="Search"/> <input type="button" value="Reset"/> |  |

PLEASE NOTE: Search will return a maximum of 500 records, and is limited to that information on record as provided by candidates.

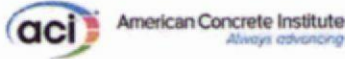
## Search Result:

1 records found.

| Certified under this name | City       | State | Certificates  |
|---------------------------|------------|-------|---|
| Darryl Faulstick          | Costa Mesa | CA    | Prestressed Concrete Special Inspector (expires 06/22/2020)<br>Reinforced Concrete Special Inspector (expires 06/22/2020) |

Menu

Q



Home > Certifications > Verify A Certification

## Verify A Certification

### SEARCH RESULTS

Name: Graubard

Your search returned 5 records.

**Graubard, Ben P**  
ACI CONCRETE FIELD TESTING TECHNICIAN - GRADE 1  
Expires: March 12, 2021  
PLACENTIA, CA 92870 United States

**Graubard, Ben P**  
ACI CONCRETE LABORATORY TESTING TECHNICIAN - LEVEL 1  
Expires: February 22, 2023  
PLACENTIA, CA 92870 United States

**Graubard, Ben P**  
ACI CONCRETE STRENGTH TESTING TECHNICIAN  
Expires: February 22, 2023  
PLACENTIA, CA 92870 United States

**Graubard, Ben P**  
ACI AGGREGATE TESTING TECHNICIAN - LEVEL 1  
Expires: December 05, 2022  
PLACENTIA, CA 92870 United States

**Graubard, Ben P**  
ACI CONCRETE LABORATORY TESTING TECHNICIAN - LEVEL 2  
Expires: December 02, 2019  
PLACENTIA, CA 92870 United States

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[DOWNLOAD GRAPHIC](#)

### CERTIFICATION VERIFY APP

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[DOWNLOAD APP](#)

### NEWS

July 2, 2019  
[ACI Unveils Professional Technical Ser. 2019 Executive Leaders & Board Electors](#)

July 2, 2019  
[Miss. High Tech Forecaster Concrete Industry Competition Winners](#)

July 2, 2019  
[ACI Foundation is Now Accepting Fellowships and Scholarships Applications](#)

July 1, 2019  
[A Short History of the ACI 318 Structural Concrete Building Code](#)

June 27, 2019  
[ACI Middle East Regional Director Seeks a Future](#)

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SMAD TL-3111: CT CERTIFICATION

# CALIFORNIA DEPARTMENT OF TRANSPORTATION

Presents this CERTIFICATE to

## Gregory Astran

who is certified to perform the following tests:

| Test Method | Expiration Date | IA Responsible       | Associated Laboratory |
|-------------|-----------------|----------------------|-----------------------|
| CT 504      | 2023-07-21      | Diploab Bhattacharya | Lab 1                 |
| U1 518      | 2023-07-21      | Diploab Bhattacharya | Lab 1                 |
| CT 529      | 2023-07-21      | Diploab Bhattacharya | Lab 1                 |
| CT 540      | 2023-07-21      | Diploab Bhattacharya | Lab 1                 |
| CT 543      | 2023-07-21      | Diploab Bhattacharya | (No Lab)              |
| CT 556      | 2023-07-21      | Diploab Bhattacharya | Lab 1                 |
| CT 567      | 2023-07-21      | Diploab Bhattacharya | Lab 1                 |

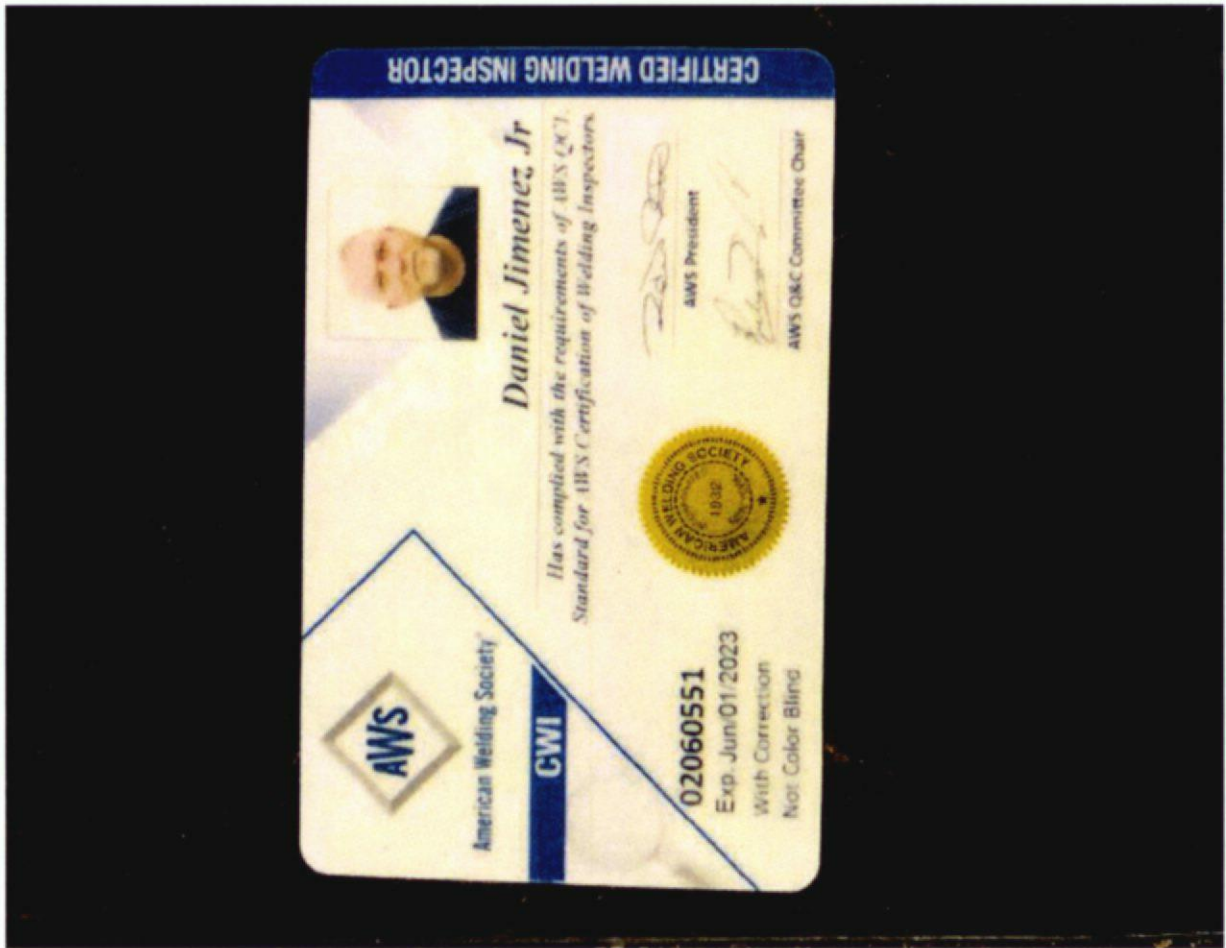
Lab 1: AESCO, Inc., 17762 Georgetown Ln., Huntington Beach

No Lab: Laboratory associated with the tester is not accredited to perform the test method identified. Testers must be associated with an accredited laboratory.

  
Certified Independent Assessor (IA)  
Date Issued: 25/16/2019

Note: This certificate is valid as long as the Tester complies with applicable requirements in California's Independent Assurance Program Manual.

Please verify tester certification by visiting SMAD website: <https://ia.dot.ca.gov>  
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CITY OF ANAHEIM  
PLANNING DEPARTMENT  
BUILDING DIVISION

S1R2008-00074

RECEIVED  
FEB 06 2020  
BUILDING DIVISION

SPECIAL INSPECTOR  
ANNUAL REGISTRATION FORM

ANNUAL FEE \$53.00

DATE: Expiration 2-5-2

**SPECIAL INSPECTOR INFORMATION**

Name: DANIEL JIMENEZ JR Present Employer: AESCO TECH INC  
 Address: 1314 BREEZE ST. Employer's Address: 17752 LA GAGE TOWN LN  
 City: OCEANSIDE City: HUNTINGTON BEACH  
 Phone Number: 213-200-8460 Phone Number: 714/375-3830  
 Email Address: jdj@aesco.com

All certifications listed below must be current and valid. Legible copy(s) must be attached to this registration, including a California driver's license.

| DISCIPLINE               | ICC | LA CITY | ORANGE COUNTY | OTHER |
|--------------------------|-----|---------|---------------|-------|
| Concrete Field Testing   | X   |         |               |       |
| Structural Masonry       | X   |         |               |       |
| Reinforced Concrete *    | X   |         |               |       |
| Pre-stressed Concrete    |     |         |               |       |
| Structural Steel/Welding | X   |         |               |       |
| Fireproofing             |     |         |               |       |
| HERS                     |     |         |               |       |
| Other                    |     |         |               |       |

\* Including Epoxy Anchors

I hereby certify that I am qualified by training and experience to perform the inspections for which I hold the above listed Special Inspector's certifications.

I will certify that the job conditions are in conformance with the approved plans and job specifications. If at any time, progress occurs on the jobsite under my responsibility, without my knowledge or approval, or if I terminate my services for the assigned scope of my responsibility, I will immediately notify both the project superintendent and the City of Anaheim Building Division in writing. A record of my test and/or inspections as certified to the above will be submitted to the Building Division in writing at regular intervals. I will also provide a final letter certifying satisfactory completion. I understand that I shall be employed only by the Owner, Architect or Engineer of Record.

I understand that it is my responsibility to provide the address and building permit number of all future projects to the Anaheim Building Division prior to special inspections.

- Phone: 714-765-5153 ext. 0
- Fax: 714-765-4607
- Email: bldgspecinsp@anaheim.net

[Signature]  
SPECIAL INSPECTOR SIGNATURE

2/05/20  
DATE

[Signature]  
BUILDING DIVISION SIGNATURE

2/5/20  
DATE

rv DC

8/25, 9:44 AM

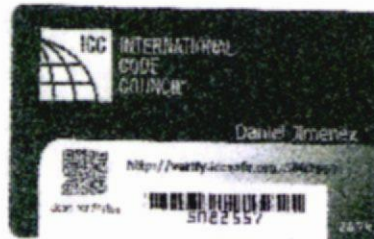


Member Name: David Jimenez  
 Member ID: 526257

**CERTIFICATES**

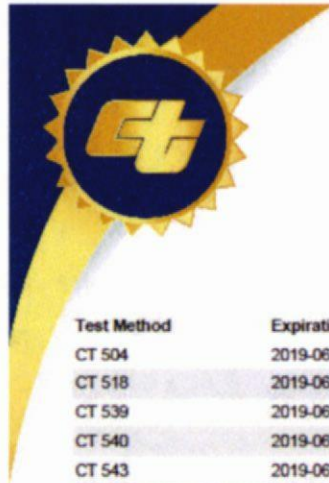
| ISSUE   | CERT # | VALID THRU |
|---|--------|------------|
| Member of Council Inspector                     | NI     | 12/31/2014 |
| Field and Classroom Fire & Inspector            | 49     | 1/31/2014  |
| Structural Welding General Inspector            | 32     | 1/31/2014  |
| Structural Steel and Lifting Special Inspector  | 70     | 1/31/2014  |
| Structural Masonry Special Inspector            | 24     | 1/31/2014  |
| Specialty Steel Plate Picking Special Inspector | 26     | 1/31/2014  |
| Structural Steel & Welding Joint Inspector      | 75     | 12/31/2013 |

Results are subject to audit per ICC  ALL ITEMS



<http://www.aesco.org>

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SIAD TL-0111: CT CERTIFICATION

**CALIFORNIA DEPARTMENT  
 OF TRANSPORTATION**

Presents this CERTIFICATE to

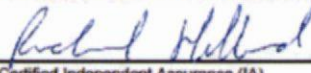
**Daniel Jimenez**

who is certified to perform the following tests:

| Test Method | Expiration Date | IA Responsible  | Associated Laboratory |
|-------------|-----------------|-----------------|-----------------------|
| CT 504      | 2019-06-14      | Richard Hibbard | Lab 1                 |
| CT 518      | 2019-06-14      | Richard Hibbard | Lab 1                 |
| CT 539      | 2019-06-14      | Richard Hibbard | Lab 1                 |
| CT 540      | 2019-06-14      | Richard Hibbard | Lab 1                 |
| CT 543      | 2019-06-14      | Richard Hibbard | (No lab)              |
| CT 556      | 2019-06-14      | Richard Hibbard | Lab 1                 |
| CT 557      | 2019-06-14      | Richard Hibbard | Lab 1                 |

Lab 1: AESCO Technologies Inc, 17782 Georgetown Ln., Huntington Beach

No Lab: Laboratory associated with the tester is not accredited to perform the test method identified. Testers must be associated with an accredited laboratory.

 I.A. 124  
 Certified Independent Assurance (IA)

Date issued: 11/20/2018

Note: This certificate is valid as long as the Tester complies with applicable requirements in Caltrans' Independent Assurance Program Manual.









## APPENDIX C

### Additional References



Client: City of Santa Ana  
Contact: Mr. Tyrone Chesanek, Senior Civil Engineer  
Address; Phone No.: 20 Civic Center Plaza, Santa Ana, CA 92702; (714) 647-5045  
Email: [TChesanek@santa-ana.org](mailto:TChesanek@santa-ana.org)  
Services: On-Call Contract for Materials Testing and Inspection; Adam Chamaa, P.E., G.E. Project Manager  
Dates: 2011-present

Client: Fountain Valley Unified School District  
Contact: Mr. Joe Hastie, Director of Maintenance and Operations  
Address; Phone No.: 10055 Slater Avenue, Fountain Valley, CA 92708; (714) 231-2229  
Email: [hastiej@fvsd.us](mailto:hastiej@fvsd.us)  
Services: Geotechnical Engineering; Materials Testing and Inspection; Adam Chamaa, P.E., G.E. Project Manager  
Dates: 2018-present

Client: Orange County Transportation Authority  
Contact: Ms. Rose Casey, Program Manager  
Address; Phone No.: 550 South Main Street, Orange, CA 92683; (714)560-5729  
Email: [rcasey@octa.net](mailto:rcasey@octa.net)  
Services: Materials Testing and Inspection; Environmental Engineering; Adam Chamaa, P.E., G.E., Project Manager  
Dates: 2017-2019

Client: Caltrans  
Contact: Mr. Kausi Amuth, Senior Transportation Engineer  
Address; Phone No.: 3100 West Lake Center Drive, First Floor, Santa Ana, CA 92704; (949) 279-8688  
Email: [kausiamuth@dot.ca.gov](mailto:kausiamuth@dot.ca.gov)  
Services: QV Inspection; Scheduling, Geotechnical and Environmental Engineering; Adam Chamaa, P.E., G.E., Project Manager  
Dates: 2018-2023 (projected)



## APPENDIX D RELATED PROJECT EXPERIENCE

A partial listing of related projects for the City of Huntington Beach is provided below.

Lambert Park Slope Failure  
Beach Gun Range  
Huntington Beach City School District Solar Panel Installations  
Roadway Improvements (Heil, Nichols, Talbert, Main, Warner, Slater, Yorktown, Garfield, Gothard, Magnolia, Graham, Newland, Slater, Atlanta, Brookhurst, Edinger)  
Newland Street Bridge  
Central Net Fire Training Facility Pavement Design  
Warner Avenue Eastbound Sinkhole Emergency Response  
Overmyer Reservoir  
Springdale Reservoir  
Utility Operations Yard  
Van's Skate Park and Retail Structure Geotechnical  
Lift Station 4  
Lift Station D  
Trinidad Lift Station  
Ranger Lift Station  
Atlanta and Beach Lift Station  
Oceanhill Sewer Replacement  
Sewer Siphon Remediation, Brookhurst Street  
Lift Station #26  
Beach Boulevard Water Main Extension  
Warner Avenue Gravity Sewer Lift Station C  
Algonquin Lift Station #10  
14-Inch Water Line Installation, Huntington Harbor  
Water Line Garfield Avenue  
Main Street Parking Garage  
Traffic Signal Modifications, Brookhurst and Yorktown, Newland and Atlanta, Magnolia and Atlanta  
Yorktown Transmission Rehab  
Downtown Water Main Replacement  
Bracing Sewer Pump Station # 1  
Drainage Improvements Beacon, Heil and Trudy  
Brookhurst Bridge Renovation  
Feeder WOCWB Water Line #2 Realignment  
Well #9 GAC Filtration System  
Magnolia Street Bridge Preventive Maintenance  
Brookhurst Street Bridge Preventive Maintenance



Edgewater Sewer Lift Station #6  
Bolsa Chica Signal Modifications  
Main Promenade Parking Structure Improvements  
Talbert Lake Modifications  
Water Damage Main Street Parking Garage  
Sewerline Beach and Slater  
Structural Wall Repair Main Street Parking Garage  
Heil Fire Station Tenant Improvements  
Main Street Library ADA Restroom Upgrades  
Electrical Upgrades Peck Reservoir  
South Beach Phase II  
Storm Drain Seapoint and Garfield  
Storm Drain 7<sup>th</sup> Street and Goldenwest  
Solar Panel Installation Central Park  
Solar Panel Installation Civic Center  
Brookhurst Street Renovation  
West Orange County Water Board Feeder Line #2  
Water Well 1A  
Van's Skate Park Testing and Inspection  
Saybrook Lift Station  
Cascade Sewer Line Repair  
Arterial Rehabilitation Graham, Newland and Atlanta  
Graham Alley  
Library Lift Station  
Arterial Rehabilitation Slater  
Westbound Warner Ave. Sinkhole Emergency Response  
Admiralty Bridge Asbestos Survey  
Humboldt Bridge Asbestos Survey  
Central Library Fountains Asbestos Abatement  
Sewer Lining Project 2021  
Humboldt Lift Station  
Banning Storm Water Lift Station  
Gothard Street Helipad



## APPENDIX E

### Letters of Recommendation



# Los Angeles Unified School District

## Facilities Services Division



OFFICE OF THE SUPERINTENDENT

FACILITIES SERVICES DIVISION

03-20-2014

To Whom It May Concern:

Los Angeles Unified School District has worked with AESCO since 2008, and have found principal Adam Chamaa and his associates to be highly professional and competent in providing a variety of construction related support services.

AESCO has been a valuable resource for the Los Angeles Unified School District in completing a large number of new construction and modernization projects. They have provided soils and geotechnical engineering reports and pavement design for almost every campus within the District.

In addition, they have provided material testing and inspection services both in-state and out-of state when necessary. Timely reporting and accurate documentation of their work is one of their strengths.

We feel comfortable in recommending Adam Chamaa and AESCO for infrastructure support services.

If you have any questions please feel free to contact me at (213) 241-4702

Thank you,

Saer Elfarra  
OAR

*Paul Gomes for  
Saer ELFARRA*

LAUSD

Project Execution Department

(213) 241-4702



ALHAMBRA UNIFIED SCHOOL DISTRICT

1515 West Mission Road,  
Alhambra, Ca. 91803  
(626)943-6500

February 22, 2019

To Whom It May Concern:

Alhambra Unified School District has had the pleasure of working directly with AESCO, Geotechnical/Environmental Engineering since 2008 on a multitude of project throughout the various school sites. Adam Chamaa, Principal, and his associates have provided highly professional and competent construction related support services.

AESCO has taken part in projects from playground installations to new construction and modernization. They have provided excellent soils and geotechnical engineering reports, timely and accurately documented.

I am confident in recommending Adam Chamaa and AESCO for Infrastructure and Geotechnical support services.



Eric Espinosa  
Facilities & Construction Manager  
espinosa\_eric@ausd.us









## EXPERIENCE/PERFORMANCE QUESTIONNAIRE

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Los Angeles County Metropolitan Transportation Authority

### SECTION 3: OVERALL PROJECT EXPERIENCE/PERFORMANCE

IN THIS SECTION, PLEASE INDICATE YOUR ORGANIZATION'S SATISFACTION WITH THE PAST OR CURRENT OVERALL PERFORMANCE OF THE CONSULTANT IDENTIFIED IN SECTION 1 ABOVE. THE CONSULTANT IN QUESTION IS TO BE ASSESSED ON THE BASIS OF YOUR ORGANIZATION'S FIRST-HAND/DIRECT EXPERIENCE WITH THE CONSULTANT ONLY.

PLEASE PLACE AN "X" IN THE APPROPRIATE BOX, INDICATING YOUR ORGANIZATION'S LEVEL OF SATISFACTION WITH THE CONSULTANT IN QUESTION. THE SCALE IS DEFINED AS FOLLOWS:

- **U – UNSATISFACTORY:** CONSULTANT IS OR WAS IN DANGER OF NOT BEING ABLE TO SATISFY CONTRACTUAL REQUIREMENTS AND RECOVERY WAS OR IS NOT LIKELY IN A TIMELY MANNER. AREA OF EVALUATION CONTAINS SERIOUS PROBLEMS FOR WHICH THE CORRECTIVE ACTIONS APPEAR INEFFECTIVE.
- **S – SATISFACTORY:** PERFORMANCE MEETS CONTRACTUAL REQUIREMENTS. AREA OF EVALUATION CONTAINS SOME PROBLEMS FOR WHICH CORRECTIVE ACTIONS HAVE YET TO TAKEN, OR HAS NOT BEEN FULLY IMPLEMENTED, BUT APPEAR ONLY SATISFACTORY.
- **G – GOOD:** PERFORMANCE CLEARLY MEETS CONTRACTUAL REQUIREMENTS. AREA OF EVALUATION CONTAINS SOME MINOR PROBLEMS FOR WHICH CORRECTIVE ACTIONS APPEAR EFFECTIVE.
- **E – EXCEPTIONAL:** PERFORMANCE CLEARLY EXCEEDS CONTRACTUAL REQUIREMENTS. AREA OF EVALUATION CONTAINS FEW MINOR PROBLEMS FOR WHICH CORRECTIVE ACTION APPEAR HIGHLY EFFECTIVE.

|  | Fail                     |                          | Pass                                |                                     |                          | N/A |
|--|--------------------------|--------------------------|-------------------------------------|-------------------------------------|--------------------------|-----|
|  | U                        | S                        | G                                   | E                                   |                          |     |
| 1. Consultant accomplished/performed work being evaluated.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |     |
| 2. Consultant provided experienced design and/or project managers with abilities needed to meet contract requirements.           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |     |
| 3. Consultant demonstrated ability to hire, maintain, and replace (if necessary) qualified personnel during the contract period. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |     |
| 4. Consultant provided a timely response to nonconformance issues.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |     |
| 5. Consultant exercised initiative to solve problems.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |     |
| 6. Consultant provided timely resolution of design defects.  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |     |
| 7. Consultant developed and met established project schedules.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |     |
| 8. Contractor provided timely cost proposals for changed work.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |     |
| 9. Consultant paid subcontractors/suppliers in a timely manner.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |     |
| 10. Consultant provided effective Occupational Safety & Health Policies, Procedures & Programs to meet contract requirements     | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |     |
| 11. Consultant provided and effectively implemented Project Quality Program Manual requirements.                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |     |
| 12. Consultant provided Quality Control Inspection Instructions and effectively conducted inspections.                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |     |
| 13. Consultant effectively implemented requirements for Engineering Design Procedures(s)   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |     |
| 14. Consultant obtained permits, inspections and necessary approvals from third-party's in a timely manner.                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |     |
| 15. Consultant effectively coordinated with the Buyer/Owner  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |     |
| 16. Consultant mitigated claims and changes.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |     |
| 17. Any other comments you would like to make such as would you contract again with this Consultant?                             | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |     |



**EXPERIENCE/PERFORMANCE  
QUESTIONNAIRE**

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Los Angeles County Metropolitan Transportation Authority

Any other comments you would like to make such as would you contract again with this Consultant? (Note: if no additional comments so indicate below.)

\_ I have known AESCO for over ten years. They always perform professionally. \_\_\_

\_\_ Very knowledgeable with all material and testing requirements for heavy civil and \_

\_ highway industry. Works very well with owners and contractors, solves problems. \_\_\_

\_\_ Experienced in public works and document requirements. \_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

To Pass Consultant/Subconsultant/Other Entity must receive passing marks or a N/A in twelve (12) out of the sixteen (16) questions, at a minimum, for this reference only.

(Note: The Technical Evaluation Team may determine any unsatisfactory identified as critical to the procurement)

**For Metro Use Only:**

|                                |             |
|--------------------------------|-------------|
|                                | Score       |
| Proposer's status after review | _____       |
| Validated by: _____            | Date: _____ |



Orange County  
 17782 Georgetown Lane  
 Huntington Beach, California 92647  
 Tele: (714) 375-3830  
 Fax: (714) 375-3831

San Bernardino County  
 11163 Arrow Boulevard  
 Fontana, California 92335  
 Tele: (909) 284-9200  
 Fax: (909) 284-9201

Client Name: TED P. HANNA

Company: COUNTY OF ORANGE

Date: 5/5/16

|  | Strongly Agree | Somewhat Agree | Undecided | Somewhat Disagree | Strongly Disagree |
|--|----------------|----------------|-----------|-------------------|-------------------|
| Does AESCO appear knowledgeable/qualified to perform the testing?        | X              |                |           |                   |                   |
| Overall, AESCO handles all complaints in a timely manner.                | NO EXPERIENCE  |                |           |                   |                   |
| Would you use AESCO again?   | X              |                |           |                   |                   |
| Would you recommend AESCO's services to other companies?                 | X              |                |           |                   |                   |
| Overall, you are pleased with the way AESCO handles obstacles at the job | X              |                |           |                   |                   |
| AESCO submits reports in a timely manner                                 | X              |                |           |                   |                   |
| AESCO's staff is readily available to provide support when needed        | X              |                |           |                   |                   |

Additional Comments:

WHEN I WAS IN A bind, AESCO step up to the plate and really help me out!

How can AESCO improve?

I do not know!

Signature: [Signature]

# MLARCHITECTURE

February 21, 2019

To Whom It May Concern:

I have utilized AESCO for geotechnical engineering and construction materials testing and inspections. AESCO has been very responsive and they have provided excellent services for various types of projects including structures, utilities, and pavement for the Alhambra school district for the past 15 years.

We highly recommend AESCO Inc. for both geotechnical services as well as construction materials testing and inspection.

If I can provide any further assistance, please do not hesitate to contact me at (626) 283-5996 or email me at [mleu@mlarchitecture.com](mailto:mleu@mlarchitecture.com).

Sincerely,



Mun C. Leu,  
President



Orange County  
 17782 Georgetown Lane  
 Huntington Beach, California 92647  
 Tele: (714) 375-3830  
 Fax: (714) 375-3831

San Bernardino County  
 14163 Arrow Boulevard  
 Fontana, California 92335  
 Tele: (909) 284-9200  
 Fax: (909) 284-9201

Client Name: Victor So

Company: City of Santa Ana

Date: 5-4-2016

|  | Strongly Agree | Somewhat Agree | Undecided | Somewhat Disagree | Strongly Disagree |
|--|----------------|----------------|-----------|-------------------|-------------------|
| Does AESCO appear knowledgeable/qualified to perform the testing?        | X              |                |           |                   |                   |
| Overall, AESCO handles all complaints in a timely manner.                | X              |                |           |                   |                   |
| Would you use AESCO again?   | X              |                |           |                   |                   |
| Would you recommend AESCO's services to other companies?                 | X              |                |           |                   |                   |
| Overall, you are pleased with the way AESCO handles obstacles at the job | X              |                |           |                   |                   |
| AESCO submits reports in a timely manner                                 |                | X              |           |                   |                   |
| AESCO's staff is readily available to provide support when needed        | X              |                |           |                   |                   |

Additional Comments:

\_\_\_\_\_

How can AESCO improve?

\_\_\_\_\_

Signature: 



# EXPERIENCE/PERFORMANCE QUESTIONNAIRE

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Los Angeles County Metropolitan Transportation Authority

## Questionnaire Purpose / Introduction

THIS PERFORMANCE QUESTIONNAIRE IS TO ASSIST THE MTA IN ITS ASSESSMENT OF THE GENERAL PAST EXPERIENCE/PERFORMANCE OF A PROPOSER, SUBCONSULTANT OR OTHER ENTITY THAT WILL BE RESPONSIBLE FOR PERFORMING WORK. PROPOSER (IDENTIFIED CONSULTANT IN SECTION 1 BELOW) HAS IDENTIFIED YOUR ORGANIZATION AS A REFERENCE FOR PAST EXPERIENCE/PERFORMANCE.

## SECTION 1: PROPOSER/CONSULTANT IDENTIFICATION (COMPLETED BY EVALUATOR)

AESCO

Name of Proposer/Subconsultant/Other Entity

## SECTION 2: IDENTIFICATION OF RESPONDING FIRM (COMPLETED BY EVALUATOR)

1. Alex Perez Quality Control/Quality Assurance Coordinator  
Name & Title of Responding Firm(s) Representative
2. Caltrans  
Exact Name of Responding Firm
3. 11229 Woodruff Avenue  
Physical / Mailing Address  
Downey CA USA 90241  
City State Country Zip Code
4. 805-857-7056  
Primary / Main Telephone No. 562-940-4282  
Primary / Main Fax No.
5. Brief Description of Work Performed for Responding firm  
Performed the testing and inspection for the lean concrete base (LCB) and jointed plane concrete for rapid set and regular concrete. AESCO also prepared the Quality Control Plan for the concrete.



## EXPERIENCE/PERFORMANCE QUESTIONNAIRE

FORM V1.0  
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Los Angeles County Metropolitan Transportation Authority

### SECTION 3: **OVERALL PROJECT EXPERIENCE/PERFORMANCE**

IN THIS SECTION, PLEASE INDICATE YOUR ORGANIZATION'S SATISFACTION WITH THE PAST OR CURRENT OVERALL PERFORMANCE OF THE CONSULTANT IDENTIFIED IN SECTION 1 ABOVE. THE CONSULTANT IN QUESTION IS TO BE ASSESSED ON THE BASIS OF YOUR ORGANIZATION'S FIRST-HAND/DIRECT EXPERIENCE WITH THE CONSULTANT ONLY.

PLEASE PLACE AN "X" IN THE APPROPRIATE BOX, INDICATING YOUR ORGANIZATION'S LEVEL OF SATISFACTION WITH THE CONSULTANT IN QUESTION. THE SCALE IS DEFINED AS FOLLOWS:

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- **S – SATISFACTORY:** PERFORMANCE MEETS CONTRACTUAL REQUIREMENTS. AREA OF EVALUATION CONTAINS SOME PROBLEMS FOR WHICH CORRECTIVE ACTIONS HAVE YET TO TAKEN, OR HAS NOT BEEN FULLY IMPLEMENTED, BUT APPEAR ONLY SATISFACTORY.
- **G – GOOD:** PERFORMANCE CLEARLY MEETS CONTRACTUAL REQUIREMENTS. AREA OF EVALUATION CONTAINS SOME MINOR PROBLEMS FOR WHICH CORRECTIVE ACTIONS APPEAR EFFECTIVE.
- **E – EXCEPTIONAL:** PERFORMANCE CLEARLY EXCEEDS CONTRACTUAL REQUIREMENTS. AREA OF EVALUATION CONTAINS FEW MINOR PROBLEMS FOR WHICH CORRECTIVE ACTION APPEAR HIGHLY EFFECTIVE.

|  | Fail                     |                          | Pass                                |                                     | N/A                                 |
|--|--------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
|  | U                        | S                        | G                                   | E                                   |                                     |
| 1. Consultant accomplished/performed work being evaluated.   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 2. Consultant provided experienced design and/or project managers with abilities needed to meet contract requirements.           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 3. Consultant demonstrated ability to hire, maintain, and replace (if necessary) qualified personnel during the contract period. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 4. Consultant provided a timely response to nonconformance issues.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 5. Consultant exercised initiative to solve problems.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 6. Consultant provided timely resolution of design defects.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 7. Consultant developed and met established project schedules.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 8. Contractor provided timely cost proposals for changed work.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 9. Consultant paid subcontractors/suppliers in a timely manner.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 10. Consultant provided effective Occupational Safety & Health Policies, Procedures & Programs to meet contract requirements     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 11. Consultant provided and effectively implemented Project Quality Program Manual requirements.                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 12. Consultant provided Quality Control Inspection Instructions and effectively conducted inspections.                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 13. Consultant effectively implemented requirements for Engineering Design Procedures(s)   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 14. Consultant obtained permits, inspections and necessary approvals from third-party's in a timely manner.                      | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 15. Consultant effectively coordinated with the Buyer/Owner  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 16. Consultant mitigated claims and changes.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 17. Any other comments you would like to make such as would you contract again with this Consultant?                             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |





**EXPERIENCE/PERFORMANCE  
QUESTIONNAIRE**

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Los Angeles County Metropolitan Transportation Authority

Any other comments you would like to make such as would you contract again with this Consultant? (Note: if no additional comments so indicate below.)

AESCO is very knowledgeable in materials testing and inspections and is very responsive to ~~requests for information or scheduling. They are quick to solve issues as they arise~~ in the field. AESCO is very experienced with highway projects.

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To Pass Consultant/Subconsultant/Other Entity must receive passing marks or a N/A in twelve (12) out of the sixteen (16) questions, at a minimum, for this reference only.

(Note: The Technical Evaluation Team may determine any unsatisfactory identified as critical to the procurement)

|                                |             |
|--------------------------------|-------------|
| <b>For Metro Use Only:</b>     |             |
|                                | Score       |
| Proposer's status after review | _____       |
| Validated by: _____            | Date: _____ |

## 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



**Orange County**  
17782 Georgetown Lane  
Huntington Beach, California 92647  
Tele: (714) 375-3830  
Fax: (714) 375-3831

**San Bernardino County**  
14163 Arrow Boulevard  
Fontana, California 92335  
Tele: (909) 284-9200  
Fax: (909) 284-9201

---

August 17, 2021

City of Huntington Beach  
Department of Public Works  
2000 Main Street  
Huntington Beach, CA 92648

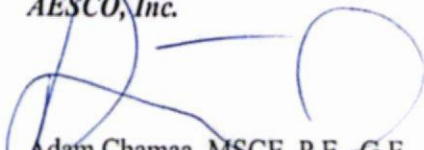
**Subject: Fee Schedule  
Statement of Qualifications  
On-Call Materials Testing and Inspection Services  
City of Huntington Beach  
AESCO Proposal No. P6996**

Dear Sirs/Madams:


AESCO is pleased to provide our Fee Schedule for the above-referenced project.

If you need further assistance regarding this matter, please give feel free to call either myself or Ms. Debra Perez. We look forward to hearing from you.

Very truly yours,  
*AESCO, Inc.*



Adam Chamaa, MSCE, P.E., G.E.  
Engineering Manager



Debra Perez  
Project Manager



AESCO P6996

Huntington Beach On-Call Materials Testing and Inspection Due 8-17-21

**Professional Staffing**

| Code | Item   | \$/Unit   | Unit |
|------|--|-----------|------|
| P100 | Principal Professional Engineer                    | \$ 220.00 | Hour |
| P101 | Senior Geotechnical Engineer                       | \$ 205.00 | Hour |
| P102 | Project Engineer / Manager                         | \$ 175.00 | Hour |
| P103 | Geologist  | \$ 185.00 | Hour |
| P104 | Quality Control Manager                            | \$ 175.00 | Hour |
| P105 | Senior Staff Engineer                              | \$ 170.00 | Hour |
| P116 | Health and Safety Officer                          | \$ 205.00 | Hour |
| P115 | LA City Deputy Methane Specialist                  | \$ 149.00 | Hour |
| P107 | Laboratory Manager                                 | \$ 132.00 | Hour |
| P108 | Laboratory Technician                              | \$ 115.50 | Hour |
| P109 | CADD Operator/Draftsperson                         | \$ 95.00  | Hour |
| P110 | Data Processing, Technical Editing or Reproduction | \$ 95.00  | Hour |
| P111 | Expert Witness Testimony                           | \$ 465.00 | Hour |
| P112 | Certified Payroll, per hr.                         | \$ 170.00 | Hour |
| P113 | Senior Staff Environmental Engineer                | \$ 170.00 | Hour |
| P114 | Senior Environmental Engineer                      | \$ 205.00 | Hour |

**Field Technician**

| Code | Item   | \$/Unit   | Unit |
|------|--|-----------|------|
| T150 | Special Inspector (Reinforced Concrete, and Masonry)     | \$ 121.00 | Hour |
| T151 | Special Inspector (Structural Steel, Drilled-In-Anchors) | \$ 121.00 | Hour |
| T152 | Special Inspector for Welding                            | \$ 121.00 | Hour |
| T153 | DSA Class I Inspector                                    | \$ 142.00 | Hour |
| T154 | DSA Class II Inspector                                   | \$ 131.00 | Hour |
| T155 | Special Inspector for Fireproofing                       | \$ 121.00 | Hour |
| T156 | Special Inspector Load Tests or Torque/Bolt)             | \$ 121.00 | Hour |
| T157 | Special Inspector Rebar Sample                           | \$ 121.00 | Hour |
| T158 | Special Inspector Pachometer                             | \$ 121.00 | Hour |
| T159 | Senior Asphalt Placement Technician                      | \$ 121.00 | Hour |
| T160 | Asphalt Placement Technician                             | \$ 121.00 | Hour |
| T161 | Asphalt/Concrete Plant Technician                        | \$ 121.00 | Hour |
| T162 | ACI/Caltrans Technician                                  | \$ 121.00 | Hour |
| T163 | Senior Soils Technician                                  | \$ 121.00 | Hour |
| T164 | Senior Grading Inspector                                 | \$ 126.00 | Hour |
| T165 | Staff Grading Inspector                                  | \$ 121.00 | Hour |
| T166 | Soils Technician   | \$ 121.00 | Hour |
| T167 | Pile Driving Inspector                                   | \$ 131.00 | Hour |
| T168 | AWS Certified Welding Inspector                          | \$ 121.00 | Hour |
| T169 | NACE Coating Inspector                                   | \$ 142.00 | Hour |
| T170 | Field Coring Technician                                  | \$ 121.00 | Hour |
| T171 | Nondestructive Examination Technician, UT, MT, LP        | \$ 126.00 | Hour |
| T172 | Structural Steel Fabrication Inspector (AWS)             | \$ 126.00 | Hour |
| T177 | Senior Environmental Technician                          | \$ 131.00 | Hour |
| T178 | Environmental Technician                                 | \$ 126.00 | Hour |
| T179 | Building Inspector                                       | \$ 137.00 | Hour |

**Fabrication Shop Inspections**

| Code | Item   | \$/Unit | Unit |
|------|--|---------|------|
| T173 | Structural Steel Inspector (ICC/CBO)             | 121     | Hour |
| T174 | Structural Steel Inspector (AWS)                 | 121     | Hour |
| T175 | Batch Plant Quality Control Technician/Inspector | 121     | Hour |



**AESCO P6996**

**Huntington Beach On-Call Materials Testing and Inspection Due 8-17-21**

T176 Reinforced Concrete, Prestressed Inspector 121 Hour

**Field Inspector/Technician Hours**

No Work Performed (Work Cancelled)  
All field services charge

**Regular Work Hours**

First 8 hours, Monday through Friday, between 5:00 a.m. to 5:00 p.m.  
Direct Project expenses outside services will be charged at Cost + 15%.

**Time and One-Half**

Any increment past first 8 hours through 12 hours, Monday through Friday  
First 12 hours on Saturday  
Shift between 3:00 a.m. and 5:00 a.m.

**Double Time**

Any hours past 12 hours Monday through Saturday, all day Sunday and Federal Holidays

**Field Analysis**

| Code | Item   | \$/Unit     | Unit         |
|------|--|-------------|--------------|
| G200 | Soil Boring with Hollow Stem Auger Drilling Portal to Portal       | \$ 415.00   | Hour         |
| G201 | Backfill Boreholes with Bentonite                                  | \$ 26.00    | Foot         |
| G202 | Backfill Boreholes with Grout                                      | \$ 37.00    | Foot         |
| G203 | Drumming and Disposal of Clean Cuttings                            | \$ 410.00   | Drum         |
| G204 | Fire Water Buffalo   | \$ 578.00   | Day          |
| G205 | Support Truck  | \$ 158.00   | Day          |
| G206 | Water Truck  | \$ 473.00   | Day          |
| G207 | Mobilization and Demobilization for Rock coring                    | \$ 1,208.00 | Each         |
| G208 | Rock Coring  | \$ 478.00   | Hour         |
| G209 | Decontamination of Vehicle and Equipment (Up to 100 miles)         | \$ 315.00   | Each         |
| G210 | Field Resistivity, up to 3 arrays, maximum distance of 40 ft.      | \$ 1,890.00 | Each         |
| G211 | Environmental Soil Boring with Hollow Stem Auger Portal to Portal  | \$ 446.00   | Hour         |
| G212 | Environmental Soil Boring with Direct Push Portal to Portal        | \$ 399.00   | Hour         |
| G213 | Environmental Groundwater Sampling with Grundfos, Portal to Portal | \$ 289.00   | Hour         |
| G214 | Environmental Analysis of soil for waste classification            |             | Quote/Sample |
| G215 | Environmental Analysis of liquid for waste classification          |             | Quote/Sample |
| G216 | Ground Resistance Tester (Four Point Method), plus travel          | \$ 1,700.00 | Each         |
| G217 | Potholing, two-man crew  | \$ 600.00   | Hour         |

**Mix Design Review**

| Code | Item                          | \$/Unit   | Unit |
|------|-------------------------------|-----------|------|
| D250 | Review of Concrete Mix Design | \$ 168.00 | Each |
| D251 | Review of Grout Mix Design    | \$ 168.00 | Each |
| D252 | Review of Mortar Mix Design   | \$ 168.00 | Each |
| D253 | Review of Asphalt Mix Design  | \$ 210.00 | Each |

**Sample Pick-Up/Hold**

| Code  | Item   | \$/Unit   | Unit |
|---|--|-----------|------|
| All hold samples are charged at the same rate as the testing rate |  |           |      |
| U303  | Technician for Specimen pick up, minimum 2 hours | \$ 110.00 | Hour |
| U304  | Vehicle (Up to 100 miles)                        | \$ 75.00  | Trip |

**Field Equipment Charges**



**AESCO P6996**

**Huntington Beach On-Call Materials Testing and Inspection Due 8-17-21**

| <b>Code</b> | <b>Item</b>  | <b>\$/Unit</b> | <b>Unit</b> |
|-------------|--|----------------|-------------|
| E350        | Brass Mold   | \$ 21.00       | Each        |
| E351        | Concrete Air Meter   | \$ 53.00       | Day         |
| E352        | Concrete Unit Weight (Scale, Bucket, Rod and Mallet)                 | \$ 32.00       | Day         |
| E353        | Field Vehicle Usage (Up to 100 miles)                                | \$ 74.00       | Trip        |
| E354        | Concrete/Asphalt Coring Equipment rental (min 4 hrs and 8 hrs after) | \$ 200.00      | Hour        |
| E355        | Fireproofing Adhesion/Cohesion                                       | \$ 21.00       | Test        |
| E356        | Hand Auger Equipment   | \$ 131.00      | Day         |
| E357        | Level D Personal Protective Equipment (PPE), per person              | \$ 42.00       | Day         |
| E358        | Liquid Penetrating Consumables                                       | \$ 32.00       | Day         |
| E359        | Magnetic Particle Equipment and Consumables                          | \$ 42.00       | Day         |
| E360        | Ultrasonic Equipment and Consumables                                 | \$ 68.00       | Day         |
| E361        | Nuclear Density Gauge Usage  | \$ 19.00       | Hour        |
| E362        | Compaction Test, per location  | \$ 21.00       | Test        |
| E363        | Portable Concrete Laboratory-not including Technicians               | \$ -           | Quote/Day   |
| E364        | Pachometer (Rebar Locator)   | \$ 58.00       | Day         |
| E365        | Environmental PID Usage  | \$ 200.00      | Day         |
| E366        | Pull Test Equipment  | \$ 74.00       | Day         |
| E367        | Sand Cone Test Kit (Scale, Burner, Sand Cone Apparatus)              | \$ 179.00      | Day         |
| E368        | Schmidt Hammer   | \$ 53.00       | Day         |
| E369        | Torque Wrench, Small   | \$ 21.00       | Day         |
| E370        | Torque Wrench, Large   | \$ 37.00       | Day         |
| E371        | Torque Multiplier (Skidmore)   | \$ 95.00       | Day         |
| E372        | Miscellaneous Equipment Charge                                       | \$ -           | Quote Each  |
| E373        | Vapor Emission Kit   | \$ 58.00       | Each        |
| E374        | Field Resistivity Meter  | \$ 236.00      | Day         |
| E375        | Water Level Meter  | \$ 79.00       | Day         |
| E376        | Environmental pH/Turbidity/Conductivity/Temp Meter                   | \$ 110.00      | Day         |
| E377        | Environmental FID Usage  | \$ 110.00      | Day         |
| E378        | Environmental groundwater sampling pump                              | \$ 215.00      | Day         |
| E379        | XRF Lead Analyzer  | \$ 131.00      | Day         |
| E380        | Relative Humidity  | \$ 74.00       | Day         |

**Schedule of Fees for Laboratory Services**

**Concrete Tests**

| <b>Code</b> | <b>Item</b>  | <b>\$/Unit</b> | <b>Unit</b>         |
|-------------|--|----------------|---------------------|
| C400        | 6" x 12" Cylinder: Compression Strength (ASTM C39)   | \$ 37.00       | Test                |
| C401        | 6" x 6" x 18" Flexural Beams Not Exceeding Referenced Size (ASTM C78, C293, or CTM 523)                    | \$ 84.00       | Test                |
| C402        | Cylinders: Splitting Tensile Strength (ASTM C496)  | \$ 84.00       | Test                |
| C403        | Core Compression including Trimming (ASTM C39)   | \$ 53.00       | Test                |
| C404        | Coring of Test Panels in Lab   | \$ 26.00       | Each                |
| C405        | Diamond Sawing of Cores or Cylinders (ASTM C642)   | \$ 26.00       | Test                |
| C406        | Density, Absorption, and Voids in Hardened Concrete (ASTM C642)  | \$ 315.00      | Test                |
| C407        | Modulus of Elasticity Static Test (ASTM C469)  | \$ 131.00      | Test                |
| C408        | Unit Weight Including Lightweight Concrete   | \$ 68.00       | Test                |
| C409        | Drying Shrinkage Up to 28 Days: Three 3" x 3" or 4" x 4" Bars, Five Readings up to 28 Dry Days (ASTM C157) | \$ 394.00      | Test                |
| C410        | Additional Reading   | \$ 47.00       | Set of 3 Bars       |
| C411        | Storage Over Ninety (90) Days  | \$ 37.00       | Set of 3 Bars/Month |
| C435        | Coefficient of Thermal Expansion of Concrete (CRD 39, AASHTO T336)   | \$ 840.00      | Test                |
| C436        | Compression Test (ASTM C495 and C472)  | \$ 47.00       | Test                |
| C437        | Air Dry Density (ASTM C472)  | \$ 37.00       | Test                |
| C438        | Oven Dry Density (ASTM C495)   | \$ 63.00       | Test                |
| C439        | Sample Trimming in the lab, up 6" diameter   | \$ 21.00       | Test                |

**AESCO P6996****Huntington Beach On-Call Materials Testing and Inspection Due 8-17-21****Concrete Block, ASTM C140**

| Code | Item   | \$/Unit   | Unit |
|------|--|-----------|------|
| C412 | Compression (3 Required Per ASTM)                                  | \$ 63.00  | Each |
| C413 | Absorption/Moisture Content/Oven Dry Density (3 Required per ASTM) | \$ 95.00  | Each |
| C414 | Linear/Volumetric Shrinkage (ASTM C426)                            | \$ 105.00 | Test |
| C415 | Web and Face Shell Measurements                                    | \$ 47.00  | Test |
| C416 | Tension Test   | \$ 179.00 | Test |
| C417 | Core Compression   | \$ 58.00  | Test |
| C418 | Shear Test of Masonry Cores: 2 Faces                               | \$ 95.00  | Test |
| C419 | Efflorescence Test (3 Required), each                              | \$ 58.00  | Test |

**Laboratory Trial Batch: Cement, Concrete, Grout and Mortar**

| Code | Item   | \$/Unit | Unit       |
|------|--|---------|------------|
| L450 | All trial batch for cement, concrete, grout, mortar, etc |         | Quote Each |

**Brick Masonry Tests**

| Code | Item   | \$/Unit  | Unit |
|------|--|----------|------|
| M500 | Modulus of Rupture: Flexural (5 Required Per ASTM), each | \$ 58.00 | Test |
| M501 | Compression Strength (3 Required Per ASTM), each         | \$ 53.00 | Test |
| M502 | Absorption: 5 Hour or 24 Hour (5 Required), each         | \$ 53.00 | Test |
| M503 | Absorption (Boil): 1, 2, or 5 Hours (5 Required), each   | \$ 84.00 | Test |
| M504 | Initial Rate of Absorption (5 Required), each            | \$ 42.00 | Test |
| M505 | Efflorescence (5 Required), each                         | \$ 89.00 | Test |
| M506 | Core: Compression, each                                  | \$ 74.00 | Test |
| M507 | Shear Test on Brick Core: 2 Faces, each                  | \$ 95.00 | Test |

**Masonry Prisms**

| Code | Item  | \$/Unit | Unit |
|------|---|---------|------|
| M508 | Compression Test: Composite Masonry Prisms Up To 8" x 16"       | 210     | Test |
| M509 | Compression Test: Composite Masonry Prisms Larger Than 8" x 16" | 305     | Test |
| M510 | Masonry: Cutting of Cubes or Prisms                             | 74      | Test |

**Mortar and Grout**

| Code | Item  | \$/Unit | Unit |
|------|---|---------|------|
| M511 | Compression: 2" x 4" Mortar Cylinders                     | 47      | Test |
| M512 | Compression: 3" x 3" x 6" Grout Prisms, Includes Trimming | 63      | Test |
| M513 | Compression: 2" Cubes (ASTM C109)                         | 63      | Test |
| M514 | Compression: Cores (ASTM C42)                             | 63      | Test |
| M515 | Mortar Expansion (ASTM C806)                              | 315     | Test |

**Fireproofing Tests**

| Code | Item   | \$/Unit | Unit |
|------|--|---------|------|
| F550 | Oven Dry Density                                     | 79      | Test |
| F551 | Adhesion/Cohesions Testing, per hour, 4 hour minimum | 126     | Test |

**Gunite and Shotcrete Tests**

| Code | Item   | \$/Unit | Unit |
|------|--|---------|------|
| C420 | Core Compression Including Trimming (ASTM C42) | 63      | Test |
| C421 | Compression 6" x 12" Cylinders                 | 37      | Test |
| C422 | Compression: Cubes                             | 42      | Test |

**Soils and Aggregate Tests**

| Code | Item | \$/Unit | Unit |
|------|------|---------|------|
|------|------|---------|------|





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**Huntington Beach On-Call Materials Testing and Inspection Due 8-17-21**

|      |  |           |      |
|------|--|-----------|------|
| S600 | Atterberg Limits/Plasticity Index (ASTM D4318)               | \$ 147.00 | Test |
| S601 | Chloride and Sulfate Content (CTM 417, CTM 422)              | \$ 152.00 | Test |
| S602 | Consolidation, Full Cycle (ASTM 2435, CTM 219)               | \$ 289.00 | Test |
| S603 | Cleanness Value: 1" x #4 (CTM 227)                           | \$ 194.00 | Test |
| S604 | Cleanness Value: 2.5" x 1.5" or 1.5" x .75" (CTM 227)        | \$ 310.00 | Test |
| S605 | Corrosivity Series: Sulfate, Cl, pH (CTM 643 and 417)        | \$ 210.00 | Test |
| S606 | Lab Resistivity  | \$ 131.00 | Test |
| S607 | Direct Shear Test (ASTM D3080)                               | \$ 268.00 | Test |
| S608 | Direct Shear Test, per point                                 | \$ 116.00 | Test |
| S609 | Direct Shear Test Sample Remolding (ASTM D3080)              | \$ 47.00  | Test |
| S610 | Durability Index Fine Aggregate                              | \$ 168.00 | Test |
| S611 | Expansion Index (ASTM D4829, UBC 18-2)                       | \$ 163.00 | Test |
| S612 | Durability Index: Coarse Aggregate                           | \$ 168.00 | Test |
| S613 | Maximum Density: Methods A/B/C (ASTM D1557 or D698, CTM 216) | \$ 194.00 | Test |
| S614 | Maximum Density: Check Point abrasion (ASTM D1557)           | \$ 79.00  | Test |
| S615 | Maximum Density: AASHTO C (Modified) (AASHTO T-180)          | \$ 210.00 | Test |
| S616 | Moisture Density Rock Correction                             | \$ 168.00 | Test |
| S617 | Moisture Content (ASTM D2216, CTM 226)                       | \$ 26.00  | Test |
| S618 | Density: Ring Sample (ASTM D2937)                            | \$ 32.00  | Test |
| S619 | Density: Shelby Tube Sample (ASTM D2937)                     | \$ 58.00  | Test |
| S620 | Organic Impurities (ASTM C40)                                | \$ 100.00 | Test |
| S621 | Falling Head Permeability (ASTM D2434)                       | \$ 263.00 | Test |
| S622 | R-Value: Soil (ASTM 2844)                                    | \$ 373.00 | Test |
| S623 | R-Value: Aggregate Base (ASTM D2844)                         | \$ 373.00 | Test |
| S624 | Sand Equivalent (ASTM D2419, CTM 217)                        | \$ 137.00 | Test |
| S625 | Soil Classification (ASTM D2487)                             | \$ 37.00  | Test |
| S626 | Sieve #200 Wash Only (ASTM D1140)                            | \$ 100.00 | Test |
| S627 | Sieve with Hydrometer: Sand to Clay (ASTM D422)              | \$ 305.00 | Test |
| S628 | Sieve Analysis including Wash (ASTM C136)                    | \$ 179.00 | Test |
| S629 | Sieve Analysis Without Wash                                  | \$ 126.00 | Test |
| S630 | Specific Gravity and Absorption: Coarse (ASTM C127, CTM 202) | \$ 100.00 | Test |
| S631 | Specific Gravity and Absorption: Fine (ASTM C128, CTM 207)   | \$ 168.00 | Test |
| S632 | Swell/Settlement Potential: One Dimensional (ASTM D4546)     | \$ 173.00 | Test |
| S633 | Unit Weight Coarse Aggregate                                 | \$ 84.00  | Test |
| S634 | Unit Weight Fine Aggregate                                   | \$ 84.00  | Test |
| S635 | Voids in Aggregate (ASTM C29)                                | \$ 95.00  | Test |
| S636 | Unconfined Compression (ASTM D2166, CTM 221)                 | \$ 105.00 | Test |
| S637 | LA Rattler   | \$ 205.00 | Test |
| S638 | pH of soil   | \$ 26.00  | Test |
| S639 | Pocket Penetration Test                                      | \$ 11.00  | Test |

**Asphalt Concrete Tests**

| Code | Item   | \$/Unit   | Unit |
|------|--|-----------|------|
| A650 | Asphalt Core Density   | \$ 63.00  | Test |
| A651 | Extraction % AC by Ignition Oven (CTM 382)                               | \$ 184.00 | Test |
| A652 | Gradation on Extracted Asph (ASTM D6507 and D5444, CTM 202, and CTM 382) | \$ 105.00 | Test |
| A653 | Moisture Content (CTM 370)   | \$ 79.00  | Test |
| A654 | Maximum Theoretical Specific Gravity (RICE) (ASTM D2041, CTM 309)        | \$ 168.00 | Test |
| A655 | Specific Gravity and Absorption: Coarse (ASTM C127, CTM 206)             | \$ 95.00  | Test |
| A656 | Specific Gravity and Absorption: Fine (ASTM C128, CTM 207)               | \$ 168.00 | Test |
| A657 | Sieve Analysis (ASTM D5444 and C136)                                     | \$ 100.00 | Test |
| A658 | Sieve Analysis with Wash (ASTM D5444)                                    | \$ 147.00 | Test |
| A659 | Sand Equivalent (ASTM D2419)   | \$ 142.00 | Test |
| A660 | 5 pt LTMD Bulk Specific Gravity (CTM 308, CTM 375)                       | \$ 299.00 | Test |
| A661 | Flat and Elongated Particles (ASTM D4791)                                | \$ 221.00 | Test |
| A662 | Fine Aggregate Angularity (AASHTO T304 A)                                | \$ 205.00 | Test |



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|      |   |           |      |
|------|---|-----------|------|
| A663 | Maximum Density HVEEM (ASTM D1560)              | \$ 221.00 | Test |
| A664 | Maximum Density Marshall (ASTM D1559 and D561)  | \$ 221.00 | Test |
| A665 | Mix Stability (CTM 304)                         | \$ 221.00 | Test |
| A668 | Wet track Abrasion Loss (ASTM D3910), each      | \$ 184.00 | Test |
| A669 | Extraction % of Emulsion (ASTM D6307)           | \$ 163.00 | Test |
| A670 | Slurry seal field consistency test (ASTM D3910) | \$ 89.00  | Test |

**Reinforcing Steel**

| Code | Item  | \$/Unit   | Unit |
|------|---|-----------|------|
| R700 | Bend Test: #11 or Smaller   | \$ 68.00  | Test |
| R701 | Bend Test: Larger Than # 11                                       | \$ 100.00 | Test |
| R702 | Tensile Test: # 11 or Smaller                                     | \$ 89.00  | Test |
| R703 | Tensile Test: # 14  | \$ 121.00 | Test |
| R704 | Tensile Test: # 18  | \$ 189.00 | Test |
| R705 | Slippage Test In Addition to Tensile Test (Per Caltrans 52-1.08C) | \$ 200.00 | Test |
| R706 | Tensile Test: Mechanical Splice # 11 and Smaller                  | \$ 126.00 | Test |
| R707 | Tensile Test: Mechanical Splice # 14                              | \$ 179.00 | Test |
| R708 | Tensile Test: Mechanical Splice # 18                              | \$ 215.00 | Test |
| R709 | Tensile Test: Welded # 11 and Smaller                             | \$ 89.00  | Test |
| R710 | Tensile Test: Welded # 14   | \$ 121.00 | Test |
| R711 | Tensile Test: Welded # 18   | \$ 189.00 | Test |
| R712 | Sample Straightening for Bend or Tensile Test (if required)       | \$ 63.00  | Test |
| R713 | Testing Multi-Wire Steel Prestressing Strand                      | \$ 294.00 | Test |
| R714 | Tensile Test: T-Head #11 and Smaller                              | \$ 158.00 | Test |
| R715 | Tensile Test: T-Head #14  | \$ 210.00 | Test |
| R716 | Tensile Test: T-Head #18  | \$ 268.00 | Test |
| R717 | Tensile Test: Welded Hoops # 11 and Smaller                       | \$ 126.00 | Test |
| R718 | Tensile Test: Welded Hoops # 14                                   | \$ 179.00 | Test |

**Metal Testing**

| Code | Item  | \$/Unit   | Unit |
|------|---|-----------|------|
| R714 | Hardness Test (Rockwell) and Brinell (ASTM E18) | \$ 79.00  | Test |
| R715 | Hardness Test of Nuts                           | \$ 89.00  | Test |
| R716 | Hardness Test of Bolts                          | \$ 105.00 | Test |
| R717 | Hardness Test of Washers                        | \$ 89.00  | Test |

**Concrete Coring Services**

| Code | Item  | \$/Unit   | Unit |
|------|---|-----------|------|
| C423 | Equipment Concrete (4 and 8 hour minimum)   | \$ 210.00 | Hour |
|      | Individual Core Prices (all prices are for a four core minimum job):  | \$ -      |      |
| C424 | Slab on Grade Coring for 2",3" and 4" Diameter (first 6" depth) each  | \$ 74.00  | Test |
| C425 | Slab on Grade Coring for 6" and 8" Diameter (first 6" depth) each   | \$ 79.00  | Test |
| C426 | Slab on Grade Concrete Core (price per inch after 6" depth)   | \$ 11.00  | Test |
| C427 | Wall Cores 2",3" and 4" (first 6" in depth) each  | \$ 89.00  | Test |
| C428 | Wall Concrete Core (price per inch after 6" in depth), per inch<br>(Wall core pries based on Contractor supplying access to area to be cored) | \$ 11.00  | Inch |
|      | Miscellaneous Concrete Coring Prices:   | \$ -      |      |
| C429 | Patching Slab on Grade Cored Holes with 2500 psi Concrete Patch, each   | \$ 21.00  | Test |
| C430 | Thickness Determination per ASTM C42, each  | \$ 21.00  | Test |
| C431 | Compression Strength Determination  | \$ 68.00  | Test |

**Asphalt Concrete Coring Services**

| Code | Item | \$/Unit | Unit |
|------|------|---------|------|
|------|------|---------|------|

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Alternate Individual Core Prices (all prices are for a four core minimum job):

|  |  |          |      |
|--|--|----------|------|
| A661                                   | Asphaltic Concrete Cores 2",3" and 4" Diameter (First 6" in depth), each       | \$ 74.00 | Test |
| A662                                   | Asphaltic Concrete Cores 6" and 8" Diameter (First 6" in depth), each          | \$ 74.00 | Test |
| A663                                   | Asphaltic Concrete Cores price per inch after 6" in depth, each                | \$ 11.00 | Test |
| Miscellaneous Asphaltic Coring Prices: |  |          |      |
| A664                                   | Patching of Core Drilled Holes Using Cold Patch Material, each                 | \$ 32.00 | Test |
| A665                                   | Thickness Determination per ASTM C42, each                                     | \$ 37.00 | Test |
| A666                                   | Specific Gravity for Determination of Percent Compaction per ASTM D 2726, each | \$ 47.00 | Test |
| A667                                   | Specific Gravity for Determination of Percent Compaction by Paraffin, each     | \$ 68.00 | Test |

**Environmental Tests**

| <b>Code</b> | <b>Item</b>  | <b>\$/Unit</b> | <b>Unit</b> |
|-------------|--|----------------|-------------|
| N800        | Asbestos Polarized Light Microscopy (PLM) 3-Day Turnaround, each   | \$ 21.00       | Test        |
| N801        | Asbestos Polarized Light Microscopy (PLM) 24-Hour Turnaround, each | \$ 42.00       | Test        |
| N802        | Asbestos Polarized Light Microscopy (PLM) 8-Hour Turnaround, each  | \$ 74.00       | Test        |

## **2021 PREVAILING WAGES FEE SCHEDULE**

*(The following fees are effective through December 31, 2021)*

|                                  |                |
|----------------------------------|----------------|
| Principal Land Surveyor          | \$ 200.00/hour |
| CAD Draftsman/ Technical support | \$120.00/hour  |
| 2-man survey crew                | \$300.00/hour  |
| 1-man survey crew                | \$230.00/hour  |
| Prints 24" × 36"                 | \$3.00 each    |
| Prints 30" × 42"                 | \$5.00 each    |
| Reimbursables                    | Cost + 10%     |

Field trips are subject to 4-hour onsite minimum charge, plus travel time to and from the site.

Rate for survey crew includes Leica Robotics instrument and survey truck.

Overtime is 1.50 times the hourly rate.

Rates are subject to review on 12/31/2021.

Current rates will be honored for the duration of contract.



Nader J. Qoborsi P.E, P.L.S.

AEV



# CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)  
6/30/2021

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 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><br><b>Laurie Brennan Hauck</b><br>112 A Argus Lane #465<br>Mooresville, NC 28117<br>0C98533       | <b>CONTACT NAME:</b><br>PHONE (714) 965-4701 FAX 7026296701<br>E-MAIL: brenc@aoi.com<br>ADDRESS:   |
|   | <b>INSURER(S) AFFORDING COVERAGE</b><br>INSURER A: Trumbull Insurance<br>INSURER B: Burlington Insurance Company<br>INSURER C: Houston Casualty Company<br>INSURER D: Sentinel Ins. Co<br>INSURER E:<br>INSURER F: |
| <b>INSURED</b><br><b>Aesco, Inc.</b><br>17782 Georgetown Lane<br><br>Huntington Beach, Ca 92647<br>(714) 375-3830 | <b>NAIC#</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  | ADOL INSD | ECUR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS  |
|----------|--|-----------|----------|---------------|-------------------------|-------------------------|---|
| B        | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY<br><input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR<br><br>GEN'L AGGREGATE LIMIT APPLIES PER:<br><input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC<br>OTHER: | X         |          | 154BG03392-01 | 6/24/2021               | 6/24/2022               | EACH OCCURRENCE \$2,000,000.<br>DAMAGE TO RENTED PREMISES (Per occurrence) \$ 100,000.<br>MED EXP (Any one person) \$ 5000<br>PERSONAL & ADV INJURY \$2,000,000.<br>GENERAL AGGREGATE \$2,000,000.<br>PRODUCTS - COMP/OP AGG \$2,000,000.<br>\$ |
| A        | AUTOMOBILE LIABILITY<br><input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS<br><input checked="" type="checkbox"/> HIRED AUTOS<br><input checked="" type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS   | X         |          | 72UECTQ7770   | 7/7/2021                | 7/7/2022                | COMBINED SINGLE LIMIT (Per accident) \$1,000,000.<br>BODILY INJURY (Per person) \$<br>BODILY INJURY (Per accident) \$<br>PROPERTY DAMAGE (Per accident) \$<br>\$  |
|          | UMBRELLA LIAB OCCUR<br>EXCESS LIAB CLAIMS-MADE<br>DED RETENTION \$   |           |          |               |                         |                         | EACH OCCURRENCE \$<br>AGGREGATE \$<br>\$  |
| D        | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY<br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)<br>If yes, describe under DESCRIPTION OF OPERATIONS below   | Y/N       | N/A      | 72WECKU6780   | 4/11/2021               | 4/11/2022               | PER STATUTE OTH-ER<br>E L EACH ACCIDENT \$ 1,000,000<br>E L DISEASE - EA EMPLOYEE \$ 1,000,000<br>E L DISEASE - POLICY LIMIT \$ 1,000,000   |
| C        | Professional Liab.   |           |          | HCC 2124429   | 07/09/2021              | 07/09/2022              | \$2,000,000. Claim/Aggre  |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
Certificate holder is named as an additional insured.

APPROVED AS TO FORM  
By:   
MICHAEL E. GATES  
CITY ATTORNEY  
CITY OF HUNTINGTON BEACH

|   |  |
|---|--|
| <b>CERTIFICATE HOLDER</b><br>City of Huntington Beach<br>Department of Public Works<br>2000 Main Street<br>Huntington Beach, Ca 92648 | <b>CANCELLATION</b><br>SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.<br><br>AUTHORIZED REPRESENTATIVE<br> |
|---|--|



# City of Huntington Beach

2000 Main Street ♦ Huntington Beach, CA 92648

(714) 536-5227 ♦ [www.huntingtonbeachca.gov](http://www.huntingtonbeachca.gov)

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**Office of the City Clerk**  
Robin Estanislau, City Clerk

January 10, 2022

AESCO, Inc.  
Attn: Kay Alabed  
17782 Georgetown Lane  
Huntington Beach, CA 92647

Dear Ms. Alabed

Enclosed is a fully executed copy of the "Professional Services Contract between the City of Huntington Beach and AESCO, Inc. for On Call Material Testing and Engineering Services" approved by the Huntington Beach City Council on December 21, 2021.

Sincerely,

Robin Estanislau, CMC  
City Clerk

RE:ds

Enclosure

## PROFESSIONAL SERVICE AWARD ANALYSIS

**SERVICE:** On-Call Construction Management Services

**SERVICE DESCRIPTION:** Construction and inspection support for City's annual Capital Improvement Program projects.

**VENDOR:** AESCO, Inc.

**OVERALL RANKING:** 1 out of 25

**SUBJECT MATTER EXPERTS/RATERS:**

1. Senior Civil Engineer 2. Senior Civil Engineer 3. Civil Engineering Assistant

I. **MINIMUM QUALIFICATIONS REVIEW**

- Written Proposal Score: Avg. of 67 out of 70 over 3 Raters listed above

| <b>Vendor #1 – Minimum Qualifications Review</b> |                                    |                             |
|--|------------------------------------|-----------------------------|
| <b><u>Criteria</u></b>                           | <b><u>Total Weighted Score</u></b> | <b><u>Maximum Score</u></b> |
| <i>Proposal Criteria</i>                         | 67                                 | 70                          |
| <i>Reference Check</i>                           | 10                                 | 10                          |
| <i>Interview</i>                                 | 15                                 | 15                          |
| <i>Local Preference Check</i>                    | 5                                  | 5                           |
| <b>Total</b>                                     | <b>97</b>                          | <b>100</b>                  |

II. **DUE DILIGENCE REVIEW**

- The city is familiar with AESCO because of their past work history with the city projects.

**AESCO – Summary of Review**

- AESCO has worked with the City of Huntington Beach on past projects and has performed satisfactory work.

## PROFESSIONAL SERVICE AWARD ANALYSIS

**SERVICE:** On-Call Construction Management Services

**SERVICE DESCRIPTION:** Construction and inspection support for City's annual Capital Improvement Program projects.

**VENDOR:** Leighton Consulting, Inc.

**OVERALL RANKING:** 2 (Tied) out of 25

**SUBJECT MATTER EXPERTS/RATERS:**

1. Senior Civil Engineer 2. Senior Civil Engineer 3. Civil Engineering Assistant

**I. MINIMUM QUALIFICATIONS REVIEW**

- Written Proposal Score: Avg. of 57 out of 70 over 3 Raters listed above

| <b>Vendor #2 – Minimum Qualifications Review</b> |                             |                      |
|--|-----------------------------|----------------------|
| <u>Criteria</u>                                  | <u>Total Weighted Score</u> | <u>Maximum Score</u> |
| <i>Proposal Criteria</i>                         | 57                          | 70                   |
| <i>Reference Check</i>                           | 10                          | 10                   |
| <i>Interview</i>                                 | 15                          | 15                   |
| <i>Local Preference Check</i>                    | 0                           | 5                    |
| <b>Total</b>                                     | <b>82</b>                   | <b>100</b>           |

**II. DUE DILIGENCE REVIEW**

- The city is familiar with Leighton Consulting because of their past work history with the city projects.

**Leighton Consulting – Summary of Review**

- Leighton Consulting has worked with the City of Huntington Beach on past projects and has performed satisfactory work.



## PROFESSIONAL SERVICE AWARD ANALYSIS

**SERVICE:** On-Call Construction Management Services

**SERVICE DESCRIPTION:** Construction and inspection support for City's annual Capital Improvement Program projects.

**VENDOR:** Ninyo & Moore, Inc.

**OVERALL RANKING:** 2 (Tied) out of 25

**SUBJECT MATTER EXPERTS/RATERS:**

1. Senior Civil Engineer 2. Senior Civil Engineer 3. Civil Engineering Assistant

**I. MINIMUM QUALIFICATIONS REVIEW**

- Written Proposal Score: Avg. of 57 out of 70 over 3 Raters listed above

| <b>Vendor #3 – Minimum Qualifications Review</b> |                             |                      |
|--|-----------------------------|----------------------|
| <u>Criteria</u>                                  | <u>Total Weighted Score</u> | <u>Maximum Score</u> |
| <i>Proposal Criteria</i>                         | 57                          | 70                   |
| <i>Reference Check</i>                           | 10                          | 10                   |
| <i>Interview</i>                                 | 15                          | 15                   |
| <i>Local Preference Check</i>                    | 0                           | 5                    |
| <b>Total</b>                                     | <b>82</b>                   | <b>100</b>           |

**II. DUE DILIGENCE REVIEW**

- Ninyo & Moore was picked because of the success in interview and past work history with similar scope projects. Very well supported firm with a variety of abilities in materials and inspection support.

**Ninyo & Moore – Summary of Review**

- Ninyo & Moore has worked successfully with similar scope of projects similar to the City of Huntington Beach.

## PROFESSIONAL SERVICE AWARD ANALYSIS

**SERVICE:** On-Call Construction Management Services

**SERVICE DESCRIPTION:** Construction and inspection support for City's annual Capital Improvement Program projects.

**VENDOR:** Twining, Inc.

**OVERALL RANKING:** 2 (Tied) out of 25

**SUBJECT MATTER EXPERTS/RATERS:**

1. Senior Civil Engineer 2. Senior Civil Engineer 3. Civil Engineering Assistant

I. **MINIMUM QUALIFICATIONS REVIEW**

- Written Proposal Score: Avg. of 57 out of 70 over 3 Raters listed above

| <b>Vendor #4 – <u>Minimum Qualifications Review</u></b> |                             |                      |
|---|-----------------------------|----------------------|
| <u>Criteria</u>   | <u>Total Weighted Score</u> | <u>Maximum Score</u> |
| <i>Proposal Criteria</i>                                | 57                          | 70                   |
| <i>Reference Check</i>                                  | 10                          | 10                   |
| <i>Interview</i>  | 15                          | 15                   |
| <i>Local Preference Check</i>                           | 0                           | 5                    |
| <b>Total</b>  | <b>82</b>                   | <b>100</b>           |

II. **DUE DILIGENCE REVIEW**

- The city is familiar with Twining because of their past work history with the city projects.

**Twining – Summary of Review**

- Twining has worked with the City of Huntington Beach on past projects and has performed satisfactory work.

## PROFESSIONAL SERVICE AWARD ANALYSIS

**SERVICE:** On-Call Construction Management Services

**SERVICE DESCRIPTION:** Construction and inspection support for City's annual Capital Improvement Program projects.

**VENDOR:** GMU Geotechnical, Inc., Inc.

**OVERALL RANKING:** 5 out of 25

### **SUBJECT MATTER EXPERTS/RATERS:**

1. Senior Civil Engineer 2. Senior Civil Engineer 3. Civil Engineering Assistant

#### **I. MINIMUM QUALIFICATIONS REVIEW**

- Written Proposal Score: Avg. of 57 out of 70 over 3 Raters listed above

| <b><u>Vendor #5 – Minimum Qualifications Review</u></b> |                                    |                             |
|---|------------------------------------|-----------------------------|
| <b><u>Criteria</u></b>                                  | <b><u>Total Weighted Score</u></b> | <b><u>Maximum Score</u></b> |
| <i>Proposal Criteria</i>                                | 57                                 | 70                          |
| <i>Reference Check</i>                                  | 10                                 | 10                          |
| <i>Interview</i>  | 12                                 | 15                          |
| <i>Local Preference Check</i>                           | 0                                  | 5                           |
| <b>Total</b>  | <b>79</b>                          | <b>100</b>                  |

#### **II. DUE DILIGENCE REVIEW**

- GMU Geotechnical, Inc. was picked because of the success in interview and past work history with similar scope projects, especially in street related work.

#### **GMU Geotechnical, Inc. – Summary of Review**

- GMU Geotechnical, Inc. has worked successfully with similar scope of projects similar to the City of Huntington Beach.