

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

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, ARDURRA GROUP, INC., a hereinafter referred to as "CONSULTANT."

WHEREAS, CITY desires to engage the services of a consultant to perform on-call construction management and materials inspection; 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 Omar Alameddine who shall represent it and be its sole contact and agent in all consultations with CITY during the performance of this Agreement.

2. CITY STAFF ASSISTANCE

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

3. TERM; TIME OF PERFORMANCE

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

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

4. COMPENSATION

In consideration of the performance of the services described herein, CITY agrees to pay CONSULTANT on a time and materials basis at the rates specified in **Exhibit "B,"** which is attached hereto and incorporated by reference into this Agreement, a fee, including all costs and expenses, not to exceed One Million Dollars (1,000,000.00).

5. EXTRA WORK

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

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

6. METHOD OF PAYMENT

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

7. DISPOSITION OF PLANS, ESTIMATES AND OTHER DOCUMENTS

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

8. HOLD HARMLESS

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

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

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

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

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

9. PROFESSIONAL LIABILITY INSURANCE

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

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

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

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

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

10. CERTIFICATE OF INSURANCE

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

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

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

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

11. INDEPENDENT CONTRACTOR

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

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

12. TERMINATION OF AGREEMENT

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

13. ASSIGNMENT AND DELEGATION

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

14. COPYRIGHTS/PATENTS

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

15. CITY EMPLOYEES AND OFFICIALS

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

16. NOTICES

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

TO CITY:

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

TO CONSULTANT:

Ardurra Group, Inc.
ATTN: Omar Alameddine
1960 E. Grand Avenue, Suite 300
El Segundo, CA 90245

17. CONSENT

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

18. MODIFICATION

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

19. SECTION HEADINGS

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

20. INTERPRETATION OF THIS AGREEMENT

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

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

21. DUPLICATE ORIGINAL

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

22. IMMIGRATION

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

23. LEGAL SERVICES SUBCONTRACTING PROHIBITED

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

24. ATTORNEY'S FEES

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

25. SURVIVAL

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

26. GOVERNING LAW

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

27. SIGNATORIES

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

28. ENTIRETY

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

29. EFFECTIVE DATE

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

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

CONSULTANT,
ARDURRA GROUP, INC.

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

By: _____

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

AND

By: _____

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

City Manager

INITIATED AND APPROVED:

Director of Public Works

APPROVED AS TO FORM:



City Attorney

Date 10/21/2025

RECEIVE AND FILE:

City Clerk

Date _____

29. EFFECTIVE DATE

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

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

CONSULTANT,
ARDURRA GROUP, INC.

By: Carmen Kasner VP

Carmen Kasner VP
print name

ITS: (circle one) Chairman/President Vice President

AND

By: Randal Dumas

Randal Dumas
print name

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

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

City Manager

INITIATED AND APPROVED:

Director of Public Works

APPROVED AS TO FORM:

City Attorney

Date _____

RECEIVE AND FILE:

City Clerk

Date _____

EXHIBIT "A"

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

Provide On-Call Construction Management and Materials Inspections.

- B. CONSULTANT'S DUTIES AND RESPONSIBILITIES:

SEE ATTACHED EXHIBIT A

- C. CITY'S DUTIES AND RESPONSIBILITIES:

- D. WORK PROGRAM/PROJECT SCHEDULE:

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Our goal
is to be
a true
partner
with the
City



June 13, 2025

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

**SUBJECT: ON-CALL CONSTRUCTION MANAGEMENT, MATERIALS TESTING,
AND INSPECTION SERVICES**

Dear Selection Committee Members:

In support of the City of Huntington Beach's Public Works Department, Ardurra Group, Inc. (Ardurra) is poised and prepared to provide construction management (CM), materials testing, and inspection services for the City's on-call services contract. As we demonstrate in this proposal, selecting the Ardurra team offers the City the following:

- **Multi-Discipline Team to Meet Task Order Needs.** The core of Ardurra's overriding approach to managing tasks included as part of this contract will be our lead management staff who have long histories of providing similar services throughout Orange County and Los Angeles County. Our team will be led by our Project/Construction Management Group Leader, **Omar Alameddine** and alternate project managers **Gafur Oyewo** and **Tae Kim, PE**. Omar, Gafur, and Tae have at least 15 years of experience, including with design-build projects. They will be supported by Principal-in-Charge **Dino D'Emilia, PE, F.ASCE, QSD**, who also has an extensive background with design-build projects. **Mark Lewis, PE, TE** and **Debbie De Bow, PE** will assist in an agency advisory role, as they bring substantial Huntington Beach experience to the team.

We offer a deep bench of 30+ local construction managers and inspectors, backed by our project/documents control group and labor compliance experts. Our personnel includes several Certified Construction Managers (CCM), Project Management Professionals (PMP), and registered Professional Engineers (PE), who also offer progressive design-build and design-build expertise.

- **A Collaborative Partner to Meticulously Manage Costs, Scheduling, and Quality Control.** Ardurra's approach to construction management is to implement a concise CM and inspection program that protects the client's interests and provides a quality product. We accomplish this by implementing a firm but fair policy in dealing with the contractor and enforcing general conditions, facilitating clear communications and complete documentation among all parties, and making sure that the contractor's desire for production doesn't supersede the need for safety or undue public impacts.



ARDURRA

FIRM INFORMATION

COMPANY NAME

Ardurra Group, Inc.

LOCAL OFFICES

3737 Birch Street, Suite 250
Newport Beach, CA 92660
949.428.1500

1960 E. Grand Avenue, Suite 300
El Segundo, CA 90245
310.359.1203

AUTHORIZED REPRESENTATIVE

Dino D'Emilia, PE, F.ASCE, QSD
Southwest Program & Construction
Management Practice Director
1960 E. Grand Avenue, Suite 300
El Segundo, CA 90245
Office: 949.348.1017
Mobile: 714.458.0703
Email: ddemilia@ardurra.com

PRIMARY CONTACT

Omar Alameddine
Project/Construction Management
Group Leader
1960 E. Grand Avenue, Suite 300
El Segundo, CA 90245
Office: 310.359.1203
Mobile: 949.533.3012
Email: oalameddine@ardurra.com

ALTERNATE

Gafur Oyewo
Inspection Group Leader/
Sr. Construction Manager
1960 E. Grand Avenue, Suite 300
El Segundo, CA 90245
Office: 310.359.1203
Mobile: 612.232.4318
Email: goyewo@ardurra.com



Ardurra is committed to implementing a well-managed project closeout process, compiling complete documentation, timely resolution of punch list items, and quick resolution to final change orders and payments.

- **Successful Performance History with As-Needed Contracts.** Ardurra's proposed professionals have built their careers providing these services, and we have managed all types of municipal infrastructure projects, including pump stations, lift stations, curb and gutter, sidewalks, pipelines, traffic signals, structures, road and bridge rehabilitation, and city facilities such as fire and police stations, community centers, beach and park restrooms, libraries, and city halls.
 - Ardurra has established and maintained effective working relationships with numerous cities in Orange County, including Huntington Beach. Some of our recent projects for the City have included the Alabama Street Alley Water Main Replacement (project management and labor compliance services), as well as building construction observation services for the Police Department Communications Center Renovation, Well 9 Roof Replacement, and Central Library Lower-Level ADA Restroom Improvements. Our team members have also assisted with project development and management services for projects such as Well 4 equipping; Well 9 H2S media replacement; sewer lining; Huntington Harbour storm drain check valves; Goldenwest landscape medians; and half-round drainage structures.
 - Understanding that schedules for municipal projects are not just goals, but imperatives to public service, Ardurra has routinely integrated strategies to accelerate a typical Design-Bid-Build (DBB) approach; and we also bring an arsenal of experience developing and delivering fast-track, expedited projects using methodologies such as Design-Build (DB), Progressive Design-Build (PDB), Construction Manager-at-Risk (CMAR), and Competitive Sealed Proposals (CSP).
 - Our team has worked on numerous federally funded projects over the years, and we have an excellent track record for delivering exception free federally funded project oversight reviews and federal audits.
- **One-Stop Shop for Project Success.** To augment the team, we are partnering with these specialty firms: **Geo-Advantec, Inc.** for materials testing and special inspection; **Twining, Inc.** for deputy inspection; and **Enterri Associates** for project scheduling and added depth to our construction manager and inspector pool.

Ardurra acknowledges receipt of the Q&A Set 1 responses issued June 6, 2025. Ardurra is willing to execute the Agreement as drafted.

We appreciate this opportunity to present our qualifications and look forward to serving the City on this on-call contract. As Ardurra's authorized representative, please contact me or our Project Manager Omar Alameddine should you have any questions or need further information.

Respectfully submitted,
Ardurra Group, Inc.

Dino D'Emilia, PE, F.ASCE, QSD
Southwest Program & Construction Management,
Public Works & Transportation Practice Director

Mark Lewis, PE, TE
Project Director, Municipal Services

REQUEST FOR PROPOSAL

VENDOR APPLICATION FORM

TYPE OF APPLICANT: ☐ NEW ☒ CURRENT VENDOR

Legal Contractual Name of Corporation: Ardurra Group, Inc

Contact Person for Agreement: Dino D'Emilia, PE, F.ASCE, QSD

Corporate Mailing Address: 1960 E. Grand Avenue, Suite 300

City, State and Zip Code: El Segundo, CA 90245

E-Mail Address: ddemilia@ardurra.com

Phone: (949) 348-1017

Fax: (949) 258-5053

Contact Person for Proposals: Omar Alameddine

Title: Project/Construction Management
Group Leader

E-Mail Address: oalameddine@ardurra.com

Business Telephone: (310) 359-1203

Business Fax: (949) 258-5053

Is your business: (check one)

☐ NON PROFIT CORPORATION

☒ FOR PROFIT CORPORATION

Is your business: (check one)

☒ CORPORATION

☐ INDIVIDUAL

☐ PARTNERSHIP

☐ LIMITED LIABILITY PARTNERSHIP

☐ SOLE PROPRIETORSHIP

☐ UNINCORPORATED ASSOCIATION

Names & Titles of Corporate Board Members

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

Names	Title	Phone
<u>Ernesto Aguilar</u>	<u>President/CEO & Director</u>	<u>(786) 228-5666</u>
<u>Lisa M. Penna</u>	<u>Regional Director</u>	<u>(949) 922-2800</u>
<u>Carmen Kasner</u>	<u>Southwest Operations Director</u>	<u>(760) 525-9995</u>
<u>Dino D'Emilia</u>	<u>Southwest Program/Construction Management Practice Director</u>	<u>(949) 348-1017</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Federal Tax Identification Number: 591782900

City of Huntington Beach Business License Number: A308891
(If none, you must obtain a Huntington Beach Business License upon award of contract.)

City of Huntington Beach Business License Expiration Date: September 30, 2025

PRE-QUALIFICATION FORM

ON-CALL CONSTRUCTION MANAGEMENT and MATERIALS INSPECTION CONSULTING
SERVICES

SERVICE CATEGORY	PROPOSING? Y/N (circle)
A. Construction Management	☒ 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: Ardurra Group, Inc.

Firm Address: 1960 E. Grand Avenue, Suite 300, El Segundo, CA 90245

Signature:  Date: June 13, 2025

Dino D'Emilia, PE, F.ASCE, QSD
*Southwest Program & Construction Management,
Public Works & Transportation Practice Director*

D. SERVICE CATEGORY (CM, MATERIALS TESTING, INSPECTION)

1. FIRM QUALIFICATIONS

Ardurra Group, Inc. (Ardurra) is a relationship-based, professional services organization primarily serving municipalities for the past 48 years. With over 1,850 employees in 85 offices nationwide, Ardurra is a Top 500 ENR-ranked, rapidly growing company of experts, engineers, and construction management professionals committed to delivering quality services and practical solutions.

Our core service areas include public works and water/wastewater planning, design, construction management, and inspection; traffic and transportation engineering; project management; labor compliance; grant administration; environmental; land development; emergency management; structural engineering; survey; as well as public outreach, plan review and plan check, and code compliance enforcement.

Responsiveness – We Are There When You Need Us!

Ardurra is proud of the reputation we have established and the style in which we deliver our services based on the investment and ownership responsibility we place on every single project.

We are motivated to exceed the City of Huntington Beach's expectations. Our staff is our greatest resource, and we continue to grow to meet the needs of our clients. With offices throughout California, the Ardurra team provides local subject matter experts with the availability and resources to be responsive to the City's needs. We strive to develop close working relationships with our clients so we can move quickly in response to client needs. We can provide on-the-spot assistance with an emergency situation or a fast-track project while maintaining sufficient staff and resources to manage large multi-discipline projects.

1.a. DEMONSTRATED CAPABILITIES

With an emphasis on practical, experienced, and cost-effective solutions, Ardurra specializes in delivering construction management and administration, inspection, and labor compliance services for the successful and efficient completion of public agency projects. Having maintained an office in Orange County since 2005, municipalities throughout Southern California have entrusted us with their construction management and inspection needs. Our capabilities range from local agency public works improvements to major transportation projects and public building facilities projects, as well as managing multi-project capital improvement programs for public agencies.



CALIFORNIA OPERATIONS

200
STAFF IN
9
OFFICES

PROVIDED
SERVICES TO
300
AGENCIES
THROUGHOUT
CALIFORNIA

ARDURRA'S OFFICE PROXIMITY TO CITY'S OFFICE

EL SEGUNDO
33
MILES

NEWPORT BEACH
10
MILES



1,850
STAFF IN
85+
OFFICES

NATIONWIDE OPERATIONS



CONSTRUCTION MANAGEMENT & ADMINISTRATION:

Our team has experience with a wide range of projects, including roadway and bridge reconstruction, streetscape revitalization, pavement rehabilitation, sidewalk and ADA pedestrian ramp installation, drainage improvements, parks, playgrounds, shade structures, sports fields, decorative concrete sidewalks, landscaping, irrigation, traffic signals, street lighting, water feature construction, water and sewer treatment and pumping facilities, storage, and pipeline installation/rehabilitation, as well as managing multi-project capital improvement programs and alternative delivery methods. In addition to the types of projects mentioned above, we also provide vertical CM and inspection on projects such as fire stations, police departments, recreation centers, and libraries.

**WE DEPLOY TIME-TESTED PROCEDURES AND
BEST MANAGEMENT PRACTICES FOR THE
MOST VITAL PROJECT ELEMENTS**

- | | |
|-------------------------|--|
| ✓ Safety | ✓ Utility coordination |
| ✓ Public outreach | ✓ Documentation protocol & communication |
| ✓ Schedule review | ✓ Quality assurance |
| ✓ Change management | ✓ Labor compliance |
| ✓ Claims avoidance | ✓ Project commissioning, acceptance & closeout |
| ✓ Measurement & payment | |
| ✓ Budget and cash flow | |

As we demonstrate in 1.c. References and 1.e. DB/PDB Experience, our team is experienced with Design-Build (DB) and Progressive Design-Build (PDB) delivery methods, supporting collaborative efforts and coordinating with designers and contractors, and we can assist through every phase of a project.

Not only is Ardurra successful at delivering CM services, but our professionals are considered leaders in the industry. They are frequently engaged to train public agency staffs and develop or improve standardized public agency department systems, procedures, and processes that incorporate industry best practices across capital project and development permit delivery. We have expert in-house resources including former Public Works Directors and City Engineers who offer valuable insight from a municipality's perspective and are continuing to improve the efficiency and effectiveness of the municipal engineering process.

Our staff members maintain current registrations/certifications in their respective specialties, including registered Certified Construction Managers (CCM), Project Management Professionals (PMP), Professional Engineers (PE) and Qualified SWPPP Practitioners (QSP) and/or Qualified SWPPP Developers (QSD). Our team is well-versed in CPM scheduling, construction means and methods, web-based documentation, WATCH requirements, Caltrans Local Assistance Procedures Manual, Greenbook General Specifications, and water pollution control regulations.

Our team has worked on numerous federally funded projects over the years and has well-established and proven templates that have been used as examples by Caltrans. We have an excellent track record for delivering exception free federally funded project oversight reviews and federal audits.

INSPECTION: Ardurra maintains a seasoned group of public works inspectors, with the majority of our personnel bringing 25 years or more of related experience. Having spent most of their careers in Southern California, our team understands local agency requirements and construction standards. Our inspectors are effective in ensuring contractor compliance with plans and specifications, performing administrative duties, and managing the required documentation.

D. SERVICE CATEGORY (CM, MATERIALS TESTING, INSPECTION)

Our inspection team has the experience and know-how of construction equipment, materials, methods, and workmanship for the specific work to be performed on the City's projects. Our inspectors are competent, knowledgeable and conform to California Building Standards Code/Title 24, City/County codes and ordinances, federal grant requirements, Caltrans Local Assistance Procedures Manual, Greenbook, APWA standards, and, where appropriate, LEED, DSA, and OSHPD standards. Clients rely on our inspectors for their ability to interact professionally with contractors, engineers, property owners, business owners, and the public at large; coordinate with other city personnel; promote quality customer service; and respond promptly and courteously to requests.

LABOR COMPLIANCE: Ardurra's labor compliance specialists work proactively and cooperatively with contractors to monitor and enforce the municipality's and funding agency's requirements. Our experts have a working knowledge of labor compliance requirements on State DIR-controlled projects, as well as Federal Davis-Bacon controlled projects necessary to assist the City with ensuring compliance with project funding requirements. Items regularly reviewed and documented as part of these services include project signage and posting of proper notifications, apprentice request submissions, initial labor compliance documentation, DIR registration, weekly certified payroll submission, and labor compliance field interviews.

MATERIALS TESTING: Ardurra has teamed with **Geo-Advantec, Inc. (GAI)** to provide materials testing and special inspection services. GAI holds current on-call geotechnical and/or material testing contracts with multiple cities and municipalities and has performed work of a similar nature to the City's RFP. GAI inspectors and technicians carry multiple certifications and are certified by ICC, Caltrans, and City of Los Angeles, and are highly qualified to work on public works projects. GAI owns a full-service soils/materials/asphalt in-house laboratory accredited by Caltrans, AASHTO, City of Los Angeles, Army Corps of Engineers, and Division of the State Architect. The key elements to GAI's success in performing and delivering geotechnical construction observation and materials testing services during construction include assigning a full-time project manager, who will be the only point of contact; effective communication between the project manager and the City-assigned representative for the project; project management skills; technical approach for monitoring, testing, and inspection services; scheduling and time control; budget control; and quality control.

1.b. KEY PERSONNEL & SUBCONSULTANTS

By selecting the Ardurra team, the City will be partnered with a qualified, complete, and responsive team. The table below highlights the qualifications of our key staff, and is followed by a brief overview of our specialty subconsultant partners. A comprehensive organization chart is illustrated in Section 2. Preferred Staffing, and abbreviated resumes and certifications for our key staff are provided in the appendix.

TABLE 1. KEY PERSONNEL QUALIFICATIONS

TEAM MEMBER/FIRM	ROLE	EXPERIENCE	SAMPLE PROJECTS
Dino D'Emilia, PE, F.ASCE, QSD Ardurra	Principal-in-Charge	34 years	Roundhouse Marine Studies Lab and Aquarium (DB), Manhattan Beach
Mark Lewis, PE, TE Ardurra	Quality Control, Agency Advisor	40 years	Huntington Beach Sewer Lining; Half Rounds; Goldenwest Landscape Medians; Well 4 Equipping
Deborah De Bow, PE Ardurra	Quality Control, Agency Advisor	42 years	Former Huntington Beach Acting City Engineer Irvine Public Safety Training Center

D. SERVICE CATEGORY (CM, MATERIALS TESTING, INSPECTION)

Table 1. Key Personnel Qualifications (cont'd)

TEAM MEMBER/FIRM	ROLE	EXPERIENCE	SAMPLE PROJECTS
Omar Alameddine Ardurra	Project Manager, Construction Manager	19 years	Alabama Street Alley Water Main, Huntington Beach Orangewood Avenue Improvements, Anaheim
Gafur Oyewo Ardurra	Alternate Representative, Construction Manager	15 years	Huntington Beach Facilities Inspection Knott Ave. Water Main – Phase 1 DB, Anaheim
Tae Kim, PE Ardurra	Alternate Representative, Construction Manager	25 years	Metro Green Line Extension from Redondo Beach to Torrance (Design-Build)
John Wolitarsky, CCM Ardurra	Construction Manager	39 years	South Bay Intermodal Transit Center, Redondo Beach Cypress Police Department Modernization
Martha Napier, CCM, PMP, LEED AP Ardurra	Construction Manager	30 years	Jeffrey Road Widening Phase 1, City of Irvine Quiet Zone, Placentia
Alan Hargis, CCM Ardurra	Construction Manager	16 years	District Office Renovations, Elsinore Valley MWD Palomar Wells, Elsinore Valley MWD
Will Hernandez, PMP Ardurra	Construction Manager	28 years	PDB of the Rincon del Diablo MWD Administration and Operations Building – Phase 1
Rakan Khraisat, PMP, CMIT Ardurra	Construction Manager, Inspector	12 years	Orangewood Avenue Improvements, Anaheim Imperial Hwy/Big Sky Ln Water Main DB, Anaheim
Joe Stoakley, PE, QSD Ardurra	Construction Manager	21 years	Boys & Girls Clubs ADA Improvements, Fountain Valley
Anh Case, PE, CCM Enterris Associates	Construction Manager	27 years	OCTA SR-22 Design-Build OCTA I-405 Design-Build Improvement Project
Eric Egurrola Ardurra	Inspector	27 years	Palos Verdes Recycled Water Pipeline & Pump Station Projects, West Basin MWD ADA Facility Improvements, Irvine
Nathan Wolitarsky Ardurra	Inspector	12 years	Ford Park Regional Aquatic Center, Bell Gardens Cypress Senior Center Interior Improvement
Chip Vanderbeek, QSP Ardurra	Inspector	47 years	Giordano Regional Transit Center, Torrance Manhattan Village Senior Villas ADA Pathway Manhattan Beach
Lance Castro, CMIT Ardurra	Inspector	12 years	PDB of the Rincon del Diablo MWD Administration and Operations Building – Phase 1
Jay Jordan Ardurra	Inspector	20 years	PDB of the Rincon del Diablo MWD Administration and Operations Building – Phase 1
Danny Robinson Ardurra	Inspector	29 years	PDB of the Rincon del Diablo MWD Administration and Operations Building – Phase 1
Ronald Hanson, CEG, PG Geo-Advantec	Materials Testing & Special Inspection	39 years	South Bay Intermodal Transit Center, Redondo Beach Torrance Transit Park and Ride Regional Terminal, Phase I – Rough Grading
John Cromer Geo-Advantec	Materials Testing & Special Inspection	12 years	Cordova Complete Street Project, Pasadena South Bay Intermodal Transit Center, Redondo Beach
Michael Edwards Enterris Associates	Project Scheduler	35 years	Port of Los Angeles Pier 400 (APM Terminal) City of Bakersfield Centennial Corridor Mainline

ARDURRA MANAGEMENT TEAM

Serving as Principal-in-Charge is **Dino D'Emilia, PE, F.ASCE, QSD**. He has delivered public works infrastructure projects valued at more than \$1 billion for public agency clients. His abilities as a project and construction manager are highlighted with the City of Long Beach's \$103.1M Belmont Pool Rebuild and Revitalization, and the City of Torrance's \$21M Transit Center Project and \$15M Del Amo Boulevard Extension. He has played critical roles on infrastructure projects to build, renew and upgrade freeways, city streets, transit centers, pedestrian paths, light rail, water mains, sewers, storm drains, greenbelts, soccer fields, and recreation centers. Working in tandem with the contract manager, Dino will provide technical oversight and make sure the City's expectations are met or exceeded.

We are proposing **Mark Lewis, PE, TE** in the role of quality control and agency advisor. He brings extensive knowledge of Huntington Beach having assisted the City during the transition in the Utilities Division as well as providing project development and management services for projects such as stormwater pump station upgrades, sewer lateral program, waterline construction, and on-site chlorine generation conversion. **Debbie De Bow** will also assist in the capacity of agency advisor. Having worked at the City of Huntington Beach for more than 20 years, including as Acting City Engineer, Debbie offers the team valuable insight.

Omar Alameddine will serve as Project Manager and Primary Contact, and **Gafur Oyewo** and **Tae Kim, PE** will act as Ardurra's alternate representatives in the event that Omar is unavailable. As administrator of this contract and the main point of contact, Omar is prepared to respond to a variety of requests from the City to execute each task order to meet your needs. Once a task order is received, Omar will review the scope and provide the City with resumes of available staff with the best mix of experience and expertise for the task assigned. He is familiar with the City, as he is assisting with the City's Alabama Street Alley Water Main Replacement project. Gafur is our Inspection Group Leader and will assist Omar with inspector assignments. Gafur was the contract administrator for the team performing building construction observation services for Huntington Beach's Police Department Communications Center Renovation, Well 9 Roof Replacement, and Central Library Lower-Level ADA Restroom Improvements projects. Tae is highly skilled at managing design teams and subcontractors for alternative delivery contracts, such as design-build and public-private partnerships (P3s), and at navigating project budget and contract negotiations for preliminary design, procurement, construction phases. Tae is also experienced at performing value engineering/risk engineering analyses to reduce construction costs and schedule risk for design-bid-build and design-build projects.

SUBCONSULTANTS

Our service is greatly facilitated by the working relationships we have in place with our local specialty subconsultant partners. Ardurra has worked extensively with these exceptional firms. This long-standing alliance enables a streamlined approach and smooth coordination. Below is a list of our subconsultant partners, including their role on this contract and a brief overview of their qualifications.

Geo-Advantec, Inc. | Materials Testing & Special Inspection

Founded in 2012, GAI provides a full range of responsive and quality geotechnical engineering consulting services for all phases of projects from conceptual design through construction. GAI offers the experience and strengths of a larger firm with the hands-on managers/principals and responsiveness of a smaller firm. GAI is an S Corporation firm incorporated in California, with full-service office headquarters located in San Dimas, California, where all the required services will be managed. GAI owns a full-service soils/materials/asphalt in-house laboratory accredited by Caltrans; AASHTO, in conformity with the requirements of the AASHTO Accreditation Program (AAP), AASHTO R-18, ASTM D3740, and ASTM E329;

D. SERVICE CATEGORY (CM, MATERIALS TESTING, INSPECTION)

City of Los Angeles; Army Corps of Engineers; and Division of the State Architect. GAI is registered with the Department of Industrial Relations (DIR) #1000017767. GAI is a certified SBE with the Department of General Services (SB Micro), LA Metro, the City of Los Angeles, and the San Diego County Water Authority, among multiple other entities. Services and capabilities include geotechnical and geological engineering; geotechnical earthquake engineering; pavement engineering; field grading monitoring and soil testing; soil, asphalt/paving field inspection; soil, asphalt, and materials laboratory testing; and special inspections for concrete, steel, welding, masonry, rebar, bolts, etc.

Twining, Inc. | Deputy Inspection

Twining's legacy spans more than 127 years. Founded as a family business in 1898, it has grown into one of California's leading providers of geotechnical engineering design, materials testing, and construction inspection services. Recognized by state and local agencies, developers, contractors, and industry professionals, Twining is known for delivering high-quality, reliable, and timely services that meet regulatory compliance. Our expertise in geotechnical and civil engineering, including the testing of asphalt, soils, steel, and other construction materials, strengthens our contributions to the asphalt construction industry and beyond.

- | | | | |
|--------------------------------------|--|---|---|
| ■ Geotechnical engineering | ■ Forensic evaluation of existing structures | ■ Concrete for pavements & infrastructure | ■ Roofing & waterproofing inspection |
| ■ Nondestructive examination | ■ Applied research & materials engineering | ■ Asphalt pavement engineering design | ■ Plan review & inspection |
| ■ Materials testing laboratory | ■ Concrete technology & concrete insight | ■ Construction quality assurance programs | ■ Building material evaluations & specialized testing |
| ■ Vibration monitoring | | | ■ Petrographic laboratory |
| ■ Stormwater site monitoring & SWPPP | | | |
| ■ Mobile laboratories | | | |

Enterris Associates | Project Scheduler, CM and Inspection Support, Electrical Inspection

Enterris Associates is a full-service consulting firm, focusing on program and project management, construction management, contract administration, engineering, inspection, project controls, risk analysis and mitigation, claims, compliance, and dispute resolution for the public sector, private sector and utility clients. Enterris is a certified minority-owned business (MBE 21000934) by the California Public Utilities Commission, LACMTA certified SBE, and California Unified Certification Program certified DBE (50810).

Enterris staff has experience on projects such as the OCTA I-405 Design-Build Improvement Project, OCTA I-605/Katella Improvement Project, SBCTA I-10 Contract 1 Design-Build, the City of Bakersfield EB58/NB99 7th Movement Loop Connector Project, the City of Seal Beach Annual Pavement Program, the City of Carson Sepulveda Bridge Widening Project, the City of Camarillo US101/Springville Interchange Project and the City of San Marcos Borden Bridge Project.

Headquartered in Orange County, California, Enterris was formally incorporated in July 2021. Despite being relatively newly established, in July 2024, Enterris formally acquired and integrated PQM Inc., a long-established quality management and advisory services firm and their personnel are now part of the Enterris family. Therefore, though Enterris remains a young emerging business, current staff of Enterris and formerly PQM employees bring a wealth of experience in a variety of services to the many clients/owners.

D. SERVICE CATEGORY (CM, MATERIALS TESTING, INSPECTION)

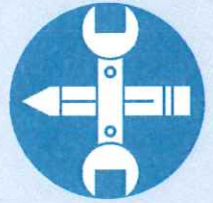
Enterris's suite of services includes:

- | | | | |
|-------------------------------|---------------------------|---------------------------|-------------------------|
| ■ Project/Program Delivery | ■ Procurement Process | ■ Scheduling | ■ Claims Mitigation and |
| ■ Planning and Program | Management | ■ Inspection | Management |
| Development | ■ Risk Management | ■ Contract Administration | ■ Emergency Response |
| ■ Program Management | ■ Risk Analysis | ■ Project Administration | Management |
| and Controls | ■ Design Management | ■ Budget & Cost Analysis | |
| ■ Executive Advisory Services | ■ Construction Management | | |

1.c. REFERENCES

Our reputation for providing quality services has been confirmed by our ongoing relationships and extended on-call contracts with numerous agencies throughout the region. Our team's experience, together with our constant team communication and our quality control approach, has provided us with a solid track record of meeting schedules, effectively adapting to unforeseen challenges, and maintaining costs.

Below are some of our representative projects, along with client references who will attest to our quality of service. Our team has experience with design-build and progressive design-build project delivery methods. Some of these DB and PDB projects are described below and marked with this icon  for quick reference. This team has additional design-build experience, and we would be happy to provide more project descriptions and/or resumes with more detail upon request.



DB or PDB
project delivery

DISTRICT ADMINISTRATION & OPERATIONS BUILDING PDB – PHASE 1 | Rincon Del Diablo MWD

DATES OF CONTRACT

9/2024–present



PERSONNEL

Scott Adamson (PIC); Will Hernandez (Sr. CM);
Bradley Waldrop (Structural); Lance Castro and
Jay Jordan (Inspectors); Danny Robinson
(Inspector/RE)

CLIENT CONTACT

Shawnele Morelos, Engineering Manager
Email: smorelos@rinconwater.org
Phone: 760.745.5522 x506

This project involves the design and construction of new Administration and Operations buildings, totaling approximately 14,000 square feet using a Progressive Design-Build (PDB) delivery method.

Ardurra assisted the District with a comprehensive range of professional services to support the successful delivery of the project. These services included project management, document control, risk management, design and technical review, environmental compliance, and construction oversight.

A key aspect of Ardurra's role was providing in-depth support during the Guaranteed Maximum Price (GMP) Proposal Phase, where the team independently validated cost estimates, monitored open-book pricing, and guided the District through GMP negotiations. Ardurra reviewed PDB-submitted GMP documentation, assessed construction schedules and schedule of values, and offered strategic recommendations to ensure a fair, transparent, and cost-effective GMP agreement aligned with the District's objectives.

ON-CALL CM/ENGINEERING SUPPORT/TESTING & INSPECTION SERVICES | City of Huntington Beach

DATES OF CONTRACT

10/2020–present

PERSONNEL

Omar Alameddine (PM/CM); Mark Lewis (PM);
Gafur Oyewo (Inspection Services Manager)

CLIENT CONTACT

Lili Hernandez, Principal Civil Engineer
Email: LHernandez@surfcity-hb.org
Phone: 714.501.5646

David Fait, Construction Manager
Email: David.Fait@surfcity-hb.org
Phone: 714.375.5062

Under an on-call contract since 2020, Ardurra has supported the City of Huntington Beach on the following projects.

- **Alabama Street Alley Water Main Replacement Project** – Ardurra is providing project management and labor compliance services for this water main replacement and pavement reconstruction project. The project involves replacing approximately 600 linear feet of water main with new 6-inch C-900 water main along with associated appurtenances and reconstructing all alley pavement, including approaches and cross gutters, with new concrete pavement. The affected areas include alleys from Memphis Avenue to Lincoln Avenue, and the north-south alley from Lincoln Avenue to Knoxville Avenue.
- **Edinger Avenue Sewer Improvement** – Ardurra provided construction management for this project that included sewer upgrade, dewatering operations, sidewalk and median restoration, pavement grind and overlay, landscaping and signing/stripping. *APWA BEST Project of the Year Award*
- **Sewer Lining FY 2022/2023** – Ardurra managed this project that included the cleaning, CCTV, and lining of 25,000 linear feet of existing sewer line, rehabilitation and lining of 84 manholes, and re-establishment of all private sewer laterals into the main line. Ardurra was charged with providing project management and project controls for the project through completion. Ardurra was brought in halfway through the project as it had stalled and the City needed assistance to get the contractor refocused and back on track. Once we took the reins, the project proceeded on track and was completed in a timely manner without further interruptions or issues. There was one change order on the project that was contentious between the City and contractor. Ardurra's Project Manager, Mark Lewis, worked with both parties to settle the matter amicably.
- **Police Department Communications Center Renovation Project** – Provided building construction observation services for the following phases: rough framing, rough MEP, drywall, and final.
- **Well 9 Roof Replacement** – Provided building construction observation services for the roof steel framing installation; metal roof deck installation; roof deck concrete fill placement; concrete sampling and compression testing; CMU drill and adhesive anchor installations; electrical removals and installations; mechanical removals and installations; and final inspection & walkthrough.
- **Central Library Lower Level ADA Restroom Improvements Project** – Provided building construction observation services for the following phases: rough (wall) framing; joist & metal stud connections; drywall installations; mechanical removals & installations; electrical removals & installations; plumbing removals & installations; ADA compliance inspections; and final inspection & walkthrough.

ON-CALL CONSTRUCTION MANAGEMENT SERVICES | City of Anaheim

DATES OF CONTRACT

7/2017–present

PERSONNEL

Dino D'Emilia (PIC); Omar Alameddine (CM/Contract Administrator); Gafur Oyewo (CM/Contract Administrator); Scott Adamson (RE); Don Wren, Jr. (Inspector); Dustin Blackwell, Mahina Siu, Rakan Khraisat, Adam Banihamed (Documents Control/Labor Compliance)

CLIENT CONTACTS

Jake Hester, Water Engineering/Design Manager
Email: jhester@anaheim.net
Phone: 714.765.4421

Raul Garcia, Construction Services Manager
Email: rgarcia1@anaheim.net
Phone: 714.765.5255

Since 2017, Ardurra has been providing PM/CM services to oversee completion of more than \$90 million in capital improvement projects involving utility undergrounding, water/wastewater, street improvements, telecommunications, and structural. Our proactive approach, constant communication including several meetings prior to construction help facilitate and expedite permit reviews and approvals, as well as schedule of work coordination. As a result of Ardurra's successful record of performance, the City extended our agreement based on the successful completion of various projects. Representative projects include:

- **Orangewood Avenue Improvements** (*APWA BEST Award; ACEC CA Merit Award; CMAA SoCal Award; ASCE OC Award*) – Multi-faceted road widening project, including electrical undergrounding and new water mains.

- **DB Underground Conversion Plan Projects; Underground District Nos. 57 (Phase 2), 62 (Phase 2), 63, 65 (Phases 1 & 2), 68, & Wanda 12kV** – Relocation of overhead power and communications systems underground. Tasks involve undergrounding 69kV transmission and 12kV distribution systems, installing streetlights and service connections, and demolishing overhead power, telephone and cable television lines.
- **Telecommunications Poles Coordination and Inspection** – Inspections for installation of streetlight pole foundations.
- **Lincoln Ave. 16-inch Water Main from Beach Blvd. to Dave Ave.** – Water main replacement and asphalt concrete paving. The project replaced about 3,900 linear feet of 10-inch cast iron pipe with 16-inch ductile-iron pipe.
- **Indiana Street Design-Build Water Main Replacement** – City's first design-build project consisted of the construction of approximately 2,400 LF of 6-inch ductile iron CL 52 zinc-coated water main, and 200 LF of 8-inch ductile iron CL 52 zinc-coated water main located along Indiana Street between Broadway and South Street. The project also included the replacement of fire hydrants, valves, water services, and appurtenant structures.
- **Imperial Highway & Big Sky Lane Water Main Replacement** – Design-build project consisted of the construction of approximately 3,580 LF of 12-inch C909 water main, 1,542 LF of 8-inch C909 water main, and 250 LF of 4-inch C909 water main located along the intersection of Imperial Highway and Big Sky Lane.
- **Holbrook Street Phase 1 Water Main Replacement Design-Build** – Abandonment of 4"/6"/8" CIP, installment of 4"/6" C900 pipe, replacement of domestic services and meters, fire hydrants, valves and other appurtenant work. This project also included traffic control, removal and restoration of existing improvements, excavation, backfill, shutdowns, dewatering, temporary high-lining of water service, hydrant installation, coordination with water service customers, chlorination, dechlorination, pressure testing.
- **Fire Station No. 5** (*APWA BEST Award*) – Design-build 9,400-SF fire station housing up to 8 firefighters; parking, driveways, sidewalks, fences, landscaping, water, sewer, gas, telephone, cable, electric utilities, transmission lines and facilities.

D. SERVICE CATEGORY (CM, MATERIALS TESTING, INSPECTION)

- **La Palma Water Complex – Reservoir Rehab & Pump Station Replacement** – Demolition of 3-MG reservoir & pump station; rehab of 4-MG reservoir, construction of new pump station and abandonment of inactive well.
- **Rehabilitation of Pressure Regulating Stations (PRS)** – Rehab of PRS 30 & 31, relocation of PRS-32 & -43, construction of new PRS-73; overseeing the closeout of the PR-58, M-2 and M-8.
- **Gene Autry Way Widening** – The project widens a portion of Gene Autry Way from four lanes to six lanes, divided by a new median. Safety is now improved with new traffic signals, striping and sidewalks. The road's appearance is enhanced with new median landscaping. New storm drains and catch basins efficiently drain heavy rainfall events in a more environmentally sound manner.
- **Citywide Sanitary Sewer Improvement Program/Projects, Group 6** – \$2M project to build more than 4,200 LF of 24-inch, 18-inch, 15-inch and 10-inch VCP sewer mainline; included 19 manholes, removing the existing mainline and manholes, rebuilding the street and installing new traffic loops, striping and pavement markers.

ON-CALL PROJECT & CONSTRUCTION MANAGEMENT SERVICES | City of Lakewood

DATES OF CONTRACT
6/2024 – 10/2024

PERSONNEL

Gafur Oyewo (CM); Mark Lewis (PM); Dino D'Emilia (PIC); Kelly Leyva (Assistant CM/Project Controls)

CLIENT CONTACTS

Samantha Chambers, Project Manager
Email: SChambers@lakewoodca.gov
Phone: 562.712.9955

Kelli Pickler, Director of Public Works
Email: kpickler@lakewoodcity.org
Phone: 562.209.0037

Ardurra is providing CM services for the City of Lakewood. Example projects under this on-call contract are highlighted below.

- **Tot Lot Playground Improvements to Biscailuz Park & Playground Improvements to Boyar Park** – This project includes infrastructure improvements at two parks. The scope includes removal of existing sand, play equipment and concrete foundations, grading, removal and replacement of chain link fabric, installation of new owner furnished contractor installed play equipment, new resilient rubberized surfacing, and miscellaneous related improvements at Biscailuz and Boyar Parks. Ardurra provided CM and inspection services in the field and ensured contractor compliance with plans and specifications.
- **Corner Lot Park Development Project** – Ardurra is providing project management to develop this space into a community focal point for passive use, community gatherings and events, farmer's markets, etc. The project is currently in the design phase, and Ardurra will manage the project through construction.

ON-CALL PUBLIC WORKS CONSTRUCTION MANAGEMENT & INSPECTION | City of Long Beach

Ardurra is providing the City of Long Beach with on-call CM and inspection services geared toward a wide range of public works projects, from street rehabilitation to storm drains. Representative projects include:

- **Belmont Myrtha Pool Repairs, Phases 1 & 2** – Spalled & cracked deck concrete and stair treads; exposed deck reinforcing steel; corroded stair steel pans & structural support; upgraded drainage system; bleachers; replace corroded fencing
- **Belmont Plaza Pool Rebuild/Revitalization Project** – Procuring contractors through the City's JOC Program; managing demolition; oversight of an office, temporary aquatics lobby and temporary restroom & shower facilities

D. SERVICE CATEGORY (CM, MATERIALS TESTING, INSPECTION)

- **Alamitos Beach Concession Building** (ACEC CA & CMAA Awards) – 2-story beach restaurant, secure beach restroom, beach rental facility, playground, fitness stations, pickup/drop-off plaza, bike share station, EV parking stalls, LID improvements
- **3rd and Broadway Cycle Track** (ACEC CA Award) – Improvements to 2 mile-long protected bike lanes
- **Daisy-Myrtle Bicycle Boulevard** (ACEC CA Award) – Construction of 9.5-mile Class 1 bikeway
- **6th Street Bicycle Boulevard** – Construction of 2.5-mile Class 1 bikeway, traffic circles, roundabout, curb extensions, bioswales, bike loop detection to existing traffic signal, signage, fresh pavement markings
- **Seaside Way Pedestrian Bridge** (ACEC CA & APWA Awards) – 605-foot-long pedestrian bridge with deck, canopy of LED lights, seating and landscaping
- **Drake Soccer Field Project** – 2 soccer fields, a basketball court, parkway with trail, parking lot, new lighting and landscaping
- **Rainbow Harbor Commercial Sewage EVAC System Replacement** – Replacement of sewage EVAC pump-out, abandonment of previous pump-out system, valve installation and hose replacement
- **Beach Maintenance Clarifier Project** – Installation of water recovery system to collect & treat wastewater overflow
- **Heartwell Park Central Irrigation Renovation** – Pre-construction services, reviewing plans & specs for construction

DATES OF CONTRACT

2016 – present

PERSONNEL

Dino D'Emilia (PIC/PM/CM); Joe Stoakley (CM/Inspector); John Wolitarsky (CM); Omar Alameddine (CM/Inspector); Dustin Blackwell (Assistant CM/Project Controls/Labor Compliance)

CLIENT CONTACTS

Eric O. Lopez, Public Works Director
Email: Eric.Lopez@longbeach.gov
Phone: 562.570.5690

Josh Hickman, Public Works Deputy Director
Email: Joshua.Hickman@longbeach.gov
Phone: 562.570.5714

ON-CALL MUNICIPAL, STAFF AUGMENTATION & INSPECTION SERVICES | City of Lake Forest

DATES OF CONTRACT

2011 – present

PERSONNEL

Mark Lewis (PM); Omar Alameddine (Inspection Services Manager); John Dela Cruz, Chip Vanderbeek (Inspectors); Brian Dong (Landscape Architectural Construction Inspector)

CLIENT CONTACT

Douglas Erdman, Assistant City Engineer
Email: derdman@lakeforestca.gov
Phone: 949.282.5233

Ardurra has provided municipal and staff augmentation services, as well as inspection and landscape inspection services as needed since 2011. Construction inspection has involved ADA ramps, street lighting installations, all encroachment permit projects, grading, storm drain, wet and dry utilities, curb and gutter, sidewalks, and all restoration projects within an encroachment permit. Representative projects include:

- **13 CIP Projects** – Ardurra is providing project management of 13 CIP projects with four separate design consultants, coordinating with multiple agencies and funding sources. Providing design solutions and constructability approach recommendations that are being implemented to meet funding and delivery deadlines.

Providing review and update of developer funding matrix and suggestions for how to manage multiple funding sources best. Also providing additional municipal engineering assistance with traffic operations, traffic engineering, and transportation management for capital improvement projects, including developing traffic engineering policies, traffic commission agenda reports, reviewing development projects as they relate to traffic impacts, school traffic programs, and daily traffic engineering questions/concerns.

- **Baker Water Treatment Project** – Working in conjunction with Irvine Ranch Water District and installation of 36-inch CMCL pipe
- **Opportunity Studies Area** – Inspection of the catch basin insert project

D. SERVICE CATEGORY (CM, MATERIALS TESTING, INSPECTION)

- **Portola Center** – 98-acre, gated community with a park included rough and precise grading of about 4.5 million cubic yards of cut-and-fill material, construction of single-family homes, parking, restrooms retail, private community parks and a trail system. Included more than three miles of drainage installations including headwalls, dissipaters, riprap, 70 catch basins, and several miles of concrete terrace drains and hydropod basins. Also included mechanically stabilized earth walls, a combination of block and geogrid with selected backfill and soil nail walls. A new intersection is being constructed that includes traffic signals as well as median construction with irrigation and landscaping.
- **City Landscape Inspection** – Inspection of landscape materials in public right-of-way, stormwater detention, constructed wetlands, housing tracts, parks, play areas, and commercial projects.

PROJECT MANAGEMENT/OVERSIGHT ASSISTANCE FOR NEW HQ BUILDING | East Orange County WD

DATES OF CONTRACT
8/2021 – 2/2023

PERSONNEL
Dino D'Emilia (PIC)
Mark Lewis (PM)

CLIENT CONTACT
Dave Youngblood, General Manager
Email: dyoungblood@eocwd.org
Phone: 714.538.5815

The Ardurra team collaborated with District management to determine a project delivery method that best fits the District's goals, and assisted the District with a best value design-build selection of the contractor for the construction of a new 6,000-SF EOCWD headquarters building and site. Assistance provided included design considerations, delivery method options, entitlement considerations, budgetary considerations, alternative energy solutions, and architectural compatibility with District history, City planning, and neighborhood aesthetics for style, mass, and scale.

ON-CALL PROJECT & CONSTRUCTION MANAGEMENT SERVICES | City of Irvine

DATES OF CONTRACT
10/2023 – present

PERSONNEL
Debbie De Bow (PM)

CLIENT CONTACT
Sean Crumby, Interim City Manager
Email: SeanCrumby@cityofirvine.org
Phone: 949.724.6070

Ardurra is currently providing project management services for the following projects:

- **Public Safety Improvements** – Ardurra is providing project management support and engineering coordination for public safety projects, including schematic, conceptual, design development, and construction phases. Projects include tenant improvements for the Locker Room Expansion Project, and the Dispatch Area and radio room, as well as staff support services for conceptual design and programming for a new Public Safety Training Center.
- **Irvine Great Park Bridges** – Ardurra is serving as project manager for eight multimodal bridges in the Irvine Great Park for pedestrian, bicycle, and vehicular use. Responsibilities include coordinating and interfacing with extensive City staff and a team of over a dozen consultants (e.g., architect, structural, geotechnical, electrical, site civil and electrical engineers) to deliver design, bid services, and ultimately construction of the of the bridges for pedestrian, bicycle, and vehicular use.
- **Civic Center Expansion Project** – Ardurra is providing project management and engineering support for a proposed major Civic Center expansion project. Responsibilities include coordination with the City's team, architect, and structural, mechanical, and electrical engineering consultants, as well as with end users.

1.d. BENEFITS TO THE CITY

The City of Huntington Beach has an ambitious capital improvement program underway for roads, water and sewer facilities, structures and more to help meet the community's needs. Knowing that selecting the right team can make all the difference in reaching this objective, the Ardurra team has the experience and the depth of resources to assist the City with its construction management, materials testing, inspection, and labor compliance needs.

Our team has provided numerous services under as-needed contracts, so we know how to develop a comprehensive team for all your construction management needs. All of this experience has taught our team effective resource management, scheduling, trusted subconsultant partnerships, and a process that works.

Ardurra offers an experienced team that is responsive, flexible, helpful, financially responsible, and quality conscious. Ardurra has a record of quality performance within schedule and budget. Our high rate of response to agency on-call task orders, our low to no number of construction phase change orders, and the positive responses and repeat business we get from our clients is the benchmark we strive to maintain and hold as evidence of our successful performance.

Our team utilizes highly effective administrative and clerical support as well as web-based construction management and document controls tools and procedures developed by construction managers and staff. These tools are scalable and can easily be tailored to fit the City's project delivery approach. We also have team members knowledgeable of the Virtual Project Manager (VPM) platform for document control management.

With 150 professionals in Southern California, including the majority of our team located in Newport Beach and El Segundo, we have the depth of resources to respond quickly to your needs.

With numerous on-call construction management contracts under our belt, we understand the City's need for adaptability, timeliness, and responsiveness. We have experience with all types of infrastructure projects in Orange and Los Angeles Counties funded through local, state and federal funds, and we are ready for whatever projects arise from this on-call contract.

EXCEEDING YOUR REQUIREMENTS

- ✓ A team you can trust that responds quickly to your needs
- ✓ A comprehensive local resource deeply invested in the City's success
- ✓ A deep bench of highly competent and experienced certified professionals who deliver successful projects on time and budget
- ✓ Experienced with design-build and progressive design-build project delivery
- ✓ Preferred staffing requirements met – our team includes certified construction managers, project management professionals, registered professional engineers, certified inspectors, and schedulers proficient in Primavera and Microsoft Project
- ✓ Experience with Virtual Project Manager
- ✓ Ardurra only provides services to public agencies, therefore eliminating any potential developer conflict of interest
- ✓ Services focused on assuring the highest quality infrastructure construction in the most cost-effective and responsive manner

1.e. DB/PDB EXPERIENCE

Ardurra and the proposed key team members bring an arsenal of experience developing and delivering alternative delivery projects including Design-Build (DB), Progressive Design-Build (PDB), Construction Manager-at-Risk (CMAR), Construction Manager General Contractor (CMGC), Public-Private Partnerships (P3), Multi-Prime, Job Order Contracting (JOC), as well as other alternative project delivery methods. The proposed team has a keen understanding that determining the appropriate delivery method for each project depends on several key parameters, including the owner's risk tolerance, timeline requirements, need for control of the project design, construction value, and project complexity.

While alternative delivery has been in common use by many owners in California for some time, many public agencies have been unable to capitalize on its benefits until relatively recently. In particular, very few public agencies have utilized Progressive Design-Build until recent legislation has cleared the path to do so. What has become evident is that neither traditional or alternative project delivery methods result in a panacea to guarantee project success. Each method has pros, cons, benefits and risks. What makes project delivery successful is engaging professionals that have keen insight to the variables and nuances of available delivery methods and implementing time-tested strategies, methodologies, procedures, documents and systems to best fit the project and delivery method chosen for implementation.

Section 1.c. above lists several examples of Ardurra's Southern California alternative project delivery experience, Ardurra's role on each project, and relevant project details. In addition to our Southern California experience, Ardurra has extensive alternative project delivery experience, including substantial design and progressive design experience in other geographies, across all major infrastructure sectors, and in all professional services roles (design, program and construction management, quality assurance, and other support services). Our local team has a seamless reach to Ardurra professionals across the country to integrate Ardurra's vast alternative delivery knowledge and experience to provide maximum benefit for similar projects for the City of Huntington Beach.

Ardurra believes that this national collection of very relevant alternative design experience is a key discriminator that sets Ardurra apart from firms that do not provide services outside of California, especially in combination with the extensive and successful California alternative delivery project experience that Ardurra has demonstrated in this proposal.

Ardurra's team can not only provide keen insight to the variables and nuances of available delivery methods, implementation of time-tested strategies, methodologies, procedures, documents, and systems to best fit each City of Huntington Beach project, but can also bring countless lessons learned on similar projects to help the City avoid common pitfalls encountered on our past projects.

1.f. RESUMES

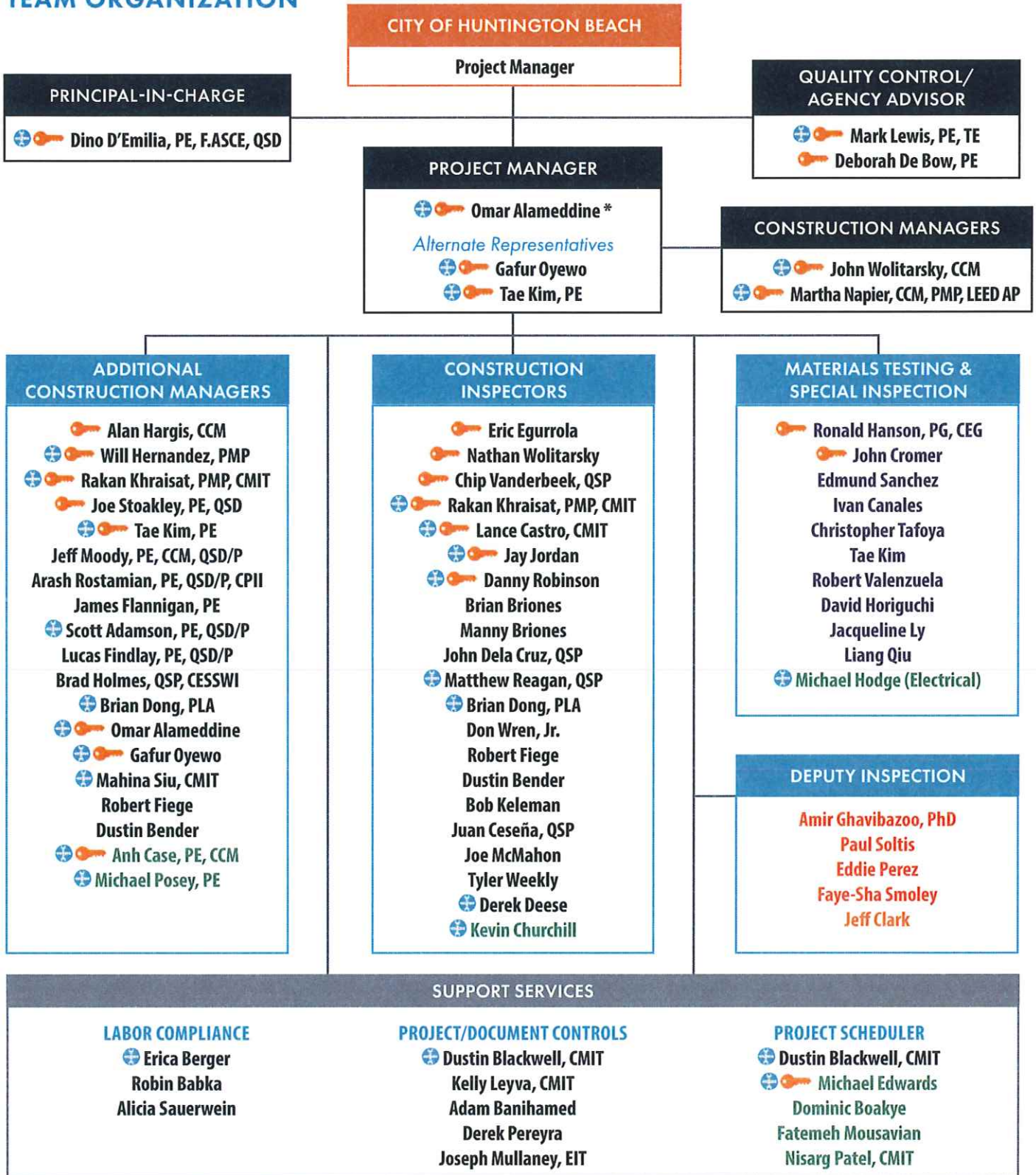
Brief resumes for our key personnel, along with copies of pertinent certifications, are located in the appendix of this proposal. We can provide more detailed resumes or resumes for additional staff upon request.

2. PREFERRED STAFFING

The most critical component to the success of the on-call contract will be the project team. We understand the key issue for providing effective services is to be highly responsive and have the depth of resources locally available to fulfill your project needs. Ardurra's wide range of in-house capabilities and deep bench of resources enable us to provide the right staff at the right time.

Our team organization chart on the following page identifies key personnel and the pool of resources to support each discipline area. Abbreviated resumes and certifications for key personnel are provided in the appendix.

TEAM ORGANIZATION



Geo-Advantec, Inc.
Twining, Inc.
Enterris Associates

Key Personnel (resume included in Appendix A)
Experience with Design-Build Projects
* Primary Contact

3. UNDERSTANDING & METHODOLOGY

The City of Huntington Beach is requesting proposals from professional consulting firms to provide construction management, construction materials testing, inspection, and labor compliance services on an as-needed basis for a minimum three-year period, for City-funded projects and federal and/or state grant-funded projects.

The City anticipates a steady amount of construction activity in the next three years for various public works infrastructure projects, that could include pump stations, lift stations, curb and gutter, sidewalks, pipelines, traffic signals, structures, road rehabilitation, and bridge retrofits. In addition, the City anticipates consistent construction activity on City facilities, including fire stations, police department facilities and substations, community centers, beach and park restrooms, libraries, and city hall facilities. This vertical construction work will involve various tenant improvements, general office and building remodel and renovations, superstructure and subgrade structural retrofits, new building construction, security and fire system modifications, and building mechanical, electrical, and plumbing improvements. The City is planning to use Design-Build (DB) and Progressive Design-Build (PDB) deliver methods for applicable infrastructure and facility projects.

Ardurra has tailored our proposed CM team to provide the City with the most experienced staff possible to assist the City in determining the best delivery method for, and successfully deliver the entire range of projects listed in the CIP, and we have the depth of staff to cover multiple projects at one time.

Ardurra will serve as an independent, as-needed consultant and work as an extension of City staff to facilitate the City's goals of completing projects safely, on time, within budget, and with minimal public disruption.

APPROACH TO THE SCOPE OF WORK

The following information is Ardurra's approach to what is believed to be the most important elements of the scope of work for the successful completion of capital improvement projects.

Innovative or Advanced Procedures

Best Fit Project Delivery Methods: Adapt keen insight to the variables and nuances of available delivery methods, implement time-tested strategies, methodologies, procedures, documents and systems to best fit each City of Huntington Beach project and overlay lessons learned on similar projects to help the City avoid common pitfalls encountered on our past projects.

Qualifications Based Procurement Processes: For each project delivery method, Ardurra assists the City to implement the most appropriate procurement strategies to engage the appropriately qualified firms and project team members. Alternative delivery methods afford the ability to balance qualifications and cost in best value and/or collaborative pricing methodologies. For traditional design delivery projects, implementation of ad hoc and/or a multi-project prequalification process can vastly improve the pool of prospective firms that are deemed eligible to propose or bid on projects.

Proactive Solutions Focused Culture: The Ardurra proactive approach serves to anticipate and expeditiously resolve project pitfalls. Our team is well-trained in problem solving. Ardurra staff coordinates and expedites between the contractor, design team, and City staff to clarify any questions for interpretation of the construction documents. Ardurra project and construction managers are typically the idea initiators and present realistic and efficient solutions to the project team that ultimately become the implemented solution to anticipated and/or encountered project issues. Timely, firm, and fair determinations are processed to minimize cost and time impacts to the project. Project issues are processed with a sense of urgency and presented to the City with suggested alternatives, cost and schedule impacts, and recommended solutions. The Ardurra team quickly implements the alternatives that are collaboratively determined to serve the best interests of the project and the City.

Collaborative, Efficient, and Comprehensive Project Management and Control Systems and Procedures – Cloud/Electronic Project Administration Platforms: Ardurra is flexible and adaptable to meet the requirements of each client, and we have expertise in many of the project/construction management systems utilized in the public infrastructure space, such as Procore, VPO, CPO, and even the City's new platform – Virtual Project Manager (VPM) – to perform project management duties and maintain project updates. Our team is currently using VPM for a park renovation project for the City of Palmdale.

Mitigation of Material Price Escalation Issues for Construction: As many public agencies have experienced, many of the common capital project construction materials and systems have had unprecedented cost escalation due to a multitude of national, international, and local region challenges. Ardurra works with the City to utilize best fit delivery methods and other escalation mitigation strategies to minimize unnecessary pricing risk factors from the project delivery participants. Example mitigations include appropriate design adjustments for value engineering, constructability and bidability, collaborative pricing methodologies afforded within alternative delivery methods, pre-set bid allowances for key risk areas, determination of fair and reasonable contract times, long lead procurement allowances, advanced/owner purchase of critical, proprietary and/or long lead materials or systems, and optimized payment provisions to accommodate market volatility and carrying costs, amongst others.

Optimized Protocol and Communication: Timely and concise communications are essential to the successful completion of any construction or inspection project. Ardurra cooperatively develops, with project stakeholders, the format and information required for reports that may be required during the construction phase. Specific protocol is determined and maintained as appropriate for the duration of each project. Communications and correspondence are handled in a professional and respectful manner. The Ardurra construction management team is very experienced in serving as the primary project contact, acting as the hub of communication with timely distribution of requisite correspondence and documentation to all stakeholders.

Time Tested Procedures and Processes

Design Review Collaboration, Constructability and Value Engineering: Implement a continuous, collaborative approach with each project's design team and/or construction team (depending on delivery method) and the City's Public Works and operations staff to maximize the potential for the highest possible quality in the constructed product, efficient, constructable and optimized life cycle balanced construction documents. Reviews focus on the bidability and constructability, identify potential value engineering solutions, and address apparent ambiguities, conflicts, or omissions. Contract documents and technical specifications are also reviewed for potential duplication and overlap of clauses, conflicts, proper placement of critical requirements within the order and precedence of documents. Ardurra also recommends key contract provisions to provide the necessary controls and remedies for the City to maintain a proactive approach on the project.

Daily Construction Observation Reports (DCORs) and Monthly Quantity Measurement Reports (QMRs): Ardurra inspectors compile detailed daily observation reports in the City's preferred format, documenting the contractor's workforce, material and equipment used, a summary of construction activities, field problems, disputes or claims, resolutions of issues, and directions given to the contractor. Each daily report is completed, reviewed, and signed by the construction manager within 24 hours and transmitted to the City on a schedule of the City's discretion. Ardurra considers the inspector's daily reports as the primary tool for contemporaneous, objective and detailed documentation of a project's progress, as well as a key tool to document to confirm value placed, quality in the constructed product, and force account work. As such, Ardurra has developed a fillable, scalable, and customizable master daily report that has proven indispensable on many public projects. Ardurra's daily reports have provided the hub for simple and effective audit compliance on many federally funded projects. In particular, Ardurra has developed a daily report over the course of several federally funded projects in collaboration with grant oversight representatives, that is simple to use, scalable for varied daily levels of activity, and comprehensive enough to easily capture the required mission critical information

D. SERVICE CATEGORY (CM, MATERIALS TESTING, INSPECTION)

contemporaneously by the inspector. Additionally, to facilitate efficient reviews and audits, Ardurra also developed a monthly quantity measurement summary tracking current and cumulative quantities for all bid items, with a detailed measurement page for each bid item that rolls up and cross-references daily quantities documented on inspector daily reports.

Integration and Implementation of Project Permit Requirements: The Ardurra team has a keen understanding of how timely and clear incorporation of permit requirements can set up the project for success. Integration of critical mitigation and permit conditions into the plans and specifications throughout the design development and construction documents process is essential to ensure marked bid pricing on permit conditions, minimizes the potential for budget and schedule impacts due to permit requirements, and optimizes relations project delivery firms and agencies having jurisdiction throughout the project implementation.

Safe Conditions: Ardurra monitors project work and adjacent areas for unsafe conditions, promptly requires corrective measures to be addressed by the contractor in compliance with the contract documents, and reports such issues and corrective measures taken to the City. One of the most pervasive job hazards across all public works projects is construction adjacent to live traffic lanes. Ardurra inspectors are intimately familiar with monitoring, addressing deficiencies and documenting proper OSHA requirements and job hazard mitigations, traffic control per the WATCH Handbook/MUTCD, and/or project-specific traffic control/traffic handling/detour plans. Specific focus is also directed at required environmental and/or other construction nuisance mitigation measures to minimize the impact to the traveling or adjacent public.

Quality Assurance: Ardurra monitors, addresses deficiencies, and documents proper implementation of each project's specific quality assurance plan, in conformance with the City's quality assurance manual, or as developed by Ardurra and the City for the specific needs of each project(s). The Ardurra team proactively performs and/or coordinates QA/QC activities daily and reviews activities and results contemporaneously to confirm and document that the specified quality in the constructed products are achieved.

Stakeholder Collaboration, Design Coordination, Pre-Construction and Periodic Construction Progress Meetings & Huddles:

Ardurra coordinates and facilitates effective progress and coordination meetings throughout the project. Time-tested meeting agenda formats, specific to the phase of the project, audience/participants, meeting location, and/or virtual platform, are implemented for the efficient and collaborative input of meeting participants. Detailed meeting minutes and action items are distributed timely after each meeting.

Utility Coordination: Ardurra assists the project team in coordinating with local utilities to address and expedite "will serve" determinations, utility plan check and/or design processing, fees and account administration, temporary and permanent utility installations, utility relocations, utility access structure adjustments, protections, monitoring and other related tasks.

Procurement Best Practices: Proactive and diligent procurement activity management (submittal processing and review, schedule integration, appropriate responsibility assignment, etc.) is essential to ensure quality in the constructed product and to minimize potential scope creep and delays to the project schedule. Examples of strategies that can optimize the procurement process are identification and integration of critical procurement activities for all project procurement participants into the project schedule, special focus and expediting on deferred submittal elements requiring plan check approval prior to procurement, optimized and collaborative review process and protocols, to name a few.

Materials Control: A proactive materials receiving and handling process at the project site is essential to the quality assurance process and is imperative to minimize the potential for documentation that only approved and satisfactory materials are incorporated into the work. The construction management team will establish a materials receiving process on site such that all materials deliveries are accompanied by proper delivery documentation satisfactory to confirm all products comply with the plans and specifications, approved submittals, and bear the requisite certificate of compliance for source, product type and Build America/Buy America, as applicable. Materials delivered to the site lacking

proper documentation are flagged as unacceptable and not allowed to be incorporated into the work until proper documentation is provided and verified or proper replacement products are delivered and documented.

RFIs: Fair, firm, clear, and timely management of the Request for Information (RFI) process is essential to mitigate potential budget and schedule impacts, as well as to optimize quality in the constructed product. Upon receipt, the construction management team will log, distribute, and respond to each RFI as required. It is anticipated that most will be handled upon receipt. If other project team members are required to answer questions, the project manager will coordinate a timely resolution. Ardurra identifies potential impacts to cost or time that may result due to issues identified in RFIs, with recommended alternatives or solutions to mitigate the potential impacts.

Schedule Review and Control: Ardurra is intimately familiar with mainstream scheduling software utilized by the public works contracting industry, including Primavera P6® and Microsoft Project®. The Ardurra construction manager reviews the baseline design and/or construction schedule, including activity sequences and duration, schedule of design deliverables, plan check process, owner responsibilities, submittals and schedule of delivery for project critical products, especially those with long lead times. The schedule will not be recommended for approval as the baseline until all discrepancies are resolved. During the progress of the project, the Ardurra CM team compares the contractor's monthly schedule updates to the baseline schedule and any previously approved time extensions, notes any shortcomings, and monitors and tracks corrections by the contractor to keep the project schedule on target. A four-week look-ahead is required from the contractor, updated weekly, and presented at the weekly project progress meetings. This tool keeps the entire team looking one month ahead of the project and facilitates proactive handling of project activities and issues. If necessary, Ardurra can negotiate time extensions due to change orders or other delays.

Dewatering/Storm Water Pollution Prevention (SWPP)/National Pollution Discharge Elimination System (NPDES) and Similar Permit Compliance: Ardurra CM and inspection staff coordinate and confirm that the project satisfactorily incorporates the City's, County's, and/or State Water Board's requirements for Low Impact Development and construction pollution prevention. During construction, Ardurra's inspectors work collaboratively but firmly with the contractor's Qualified Stormwater Practitioner to observe, address deficiencies, and document compliance with the provisions of the SWPP Plan (SWPPP) and/or other requirements set forth in the specifications and related project permits. Ardurra CM staff members are well-versed in monitoring and documenting the proper implementation of permanent and temporary best management practices related to stormwater runoff and/or dewatering systems through the provision of dedicated services for oversight of developers and contractors on behalf of several public agencies. At a minimum, permit and other specified requirements are monitored and documented, specific checklists developed and utilized for each critical compliance area. Deficiencies noted are addressed with the contractor for timely remedy.

Change Management, Claims Avoidance and/or Resolution: Ardurra establishes, implements, and coordinates systems for consideration, negotiation, processing, and implementation of change orders and potential claims. Each issue, which is identified as a potential change to the design, scope, cost, or contract time generates a uniquely numbered potential change order. The construction manager determines whether or not a change notice should be considered. The contract documents are reviewed against the change notice. If the issue does not appear to be included in the contract documents, the construction manager, in coordination with the City's representative, negotiates the scope and cost for the least time impacting and most efficient cost and quality appropriate solution with the contractor. Apparent credits for work deleted as a result of the change will be addressed as well. Contractor change order/potential claim proposals are evaluated for reasonableness and completeness. The construction manager maintains a trend log, listing potential changes as they are identified. This log is maintained contemporaneously such that potential change items are not overlooked or unnecessarily deferred. Ardurra prepares independent cost estimates and analyzes time impact analyses as required for contract change orders. Upon approval by the City, the construction manager prepares, logs, and processes change orders for full execution and administers their implementation. Once fully executed, the CM team expedites and reviews the timely completion

D. SERVICE CATEGORY (CM, MATERIALS TESTING, INSPECTION)

of the work and coordinates inclusion of the change order in the appropriate payment application. Recognizing that event, the most fair, firm, and proactive change management approach may not completely resolve potential claims, Ardurra has extensive experience addressing and assisting public agencies to resolve submitted claims, contractor defaults and surety takeovers, third party disputes and other such challenges, in coordination with the client's legal counsel and management team.

Progress Payment Processing: It is in the best interests of all parties involved in the delivery of the City's projects that payment application review be performed efficiently, accurately, and prudently to maintain the project delivery partners' incentives to successfully and diligently prosecute the work required for the projects. A cost control system, based on the contractor's schedule of values, approved change orders, and the contract amount are developed and implemented to monitor progress costs. Monthly cost reports are submitted to the City. Design progress reports and master plan check logs, DCORs and QMRs are utilized to accurately track deliverables and/or construction value earned of each verified contract pay item. Verification of project deliverables may include confirmation of construction documents deliverable completion with back checks, documentation of specific location of contract items placed, field measurement, and quantity calculation in accordance with the specified measurement and payment provision for each contract pay item, as well as required backup documentation such as certificates of compliance, and materials delivery tickets. The Ardurra construction management and inspection team reviews the payment applications submitted by the contractor and determines whether the amount requested reflects the progress of the contractor's work, requires appropriate corrections, and when acceptable, Ardurra prepares and forwards to the City a progress payment report.

Labor Compliance: The Ardurra team works proactively and cooperatively with the contractor to monitor and enforce the City's and funding agencies' requirements for labor compliance, as follows:

- Ardurra's inspector tracks daily manpower utilized by employer and labor classification and conducts employee interviews in conformance with the Davis-Bacon Act and/or other funding agency requirements.
- Ardurra's labor compliance specialist reviews the proposed labor categories to be utilized by prime contractors and subcontractors and address any appropriate adjustments for compliance with the state and/or federal prevailing wage determination for direct wages and fringe benefits.
- Certified payrolls and fringe benefit statements are received and logged for each contractor and subcontractor on the project, reviewed to confirm proper wages and benefits are paid to each employee and classification, compared to inspector daily reports to confirm each employee, number of hours and appropriate classification observed on site was paid the proper amount, and compared against employee interviews.
- Any discrepancies identified are documented and coordinated with the appropriate contractor or subcontractor through the appropriate resolution via the appropriate restitution paid to the employee, supplemental or corrected certified payroll submittal or supplemental daily report entries to correct mis-recorded entries.

FAMILIARITY WITH STATE/FEDERAL PROCEDURES

Our team has extensive experience delivering numerous federally funded projects and has well-established and proven processes, procedures, checklists, and project documents that have been used as examples by funding oversight agencies such as Caltrans. We have an excellent track record for delivering project documentation that has minimal oversight review and/or audit exceptions. The Ardurra team has a keen understanding of most funding agency requirements and in particular with the Local Assistance Procedures Manual and Caltrans Oversight three review process. As a result, projects are delivered with well-organized and complete documentation that includes all of the requirements to ensure compliance with federal requirements such that reimbursements are processed in a timely manner. Since Ardurra works essentially exclusively for public agencies, we have extensive familiarity with federal, state, and regional procedures, to assist with obtaining grant awards, administering funding and compliance with its requirements and in compiling and maintaining the pertinent documentation to optimize timely reimbursement payments.



ARDURRA

APPENDIX A

RESUMES





DINO D'EMILIA, PE, F.ASCE, QSD

Principal-in-Charge

QUALIFICATIONS

Ardurra's Southwest Program & Construction Management Practice Director, Dino D'Emilia has delivered public works infrastructure projects valued at more than \$1 billion for public agency clients throughout Southern California. Dino began his career as a civil engineer with the Los Angeles Department of Water and Power, later transitioning into consulting for the public sector. He has played critical roles on infrastructure projects to build, renew and upgrade freeways, city streets, transit centers, pedestrian paths, light rail, water mains, sewers, storm drains, greenbelts, soccer fields and recreation centers. A catalyst in the growth of the firm, Dino helps public agency clients minimize risk and maximize return on investment through direct project involvement and deep expertise in project and construction management. He is also recognized by peers and clients for his expertise in compliance with federal contract requirements and the Caltrans "Local Assistance Procedures Manual" (LAPM).

In keeping with his passion for building infrastructure, Dino actively participates in local chapters of the American Public Works Association, the American Society of Civil Engineers, and Construction Management Association of America. He supports the growth and development of emerging engineers as a mentor to colleagues, provides construction management best practices training to agency public works staff, and serves as a guest lecturer on construction management at the University of Southern California, Loyola Marymount University and California State University, Long Beach.

RELEVANT EXPERIENCE

Roundhouse Marine Studies Lab and Aquarium, City of Manhattan Beach – Principal-in-Charge and Project Manager. Project included the expansion and renewal of the City's registered historic landmark, the Roundhouse Aquarium on the Manhattan Beach Pier. Ardurra implemented a multi-prime delivery project, procured, coordinated and administered 19 construction and specialty contracts for the successful completion of the project; managed the project throughout the bidding and award, construction and commissioning phases; procured the design, environmental, construction management and quality assurance consulting team; facilitated a consensus-driven design process; administered professional services agreements; coordinated and expedited the process of obtaining entitlements and permits; assisted the City in coordinating the concurrent \$3-million replacement of all major utilities along both sides of the pier as well as under the structure; achieved expedited approval for numerous government permits. The project was delivered with a Public-Private Partnership (P3) and multi-prime delivery method. Duties included drafting and presenting City Council reports and resolutions for approval by City Council. The Roundhouse project received a 2019 Merit Award from the American Council of Engineering Companies.

Belmont Plaza Pool Rebuild/Revitalization Project, City of Long Beach – Project Manager. Project includes representing the City and its interests in all negotiations, meetings, community outreach, entitlements, permitting, design management, and related activities throughout the project. The project required extensive public outreach and implementation of a stakeholder advisory committee during the programmatic and conceptual design phases. An extensive EIR with an extended comment period and four public study sessions were required to achieve CEQA clearance. The project also required extensive additional analyses and coordination with the California Coastal Commission to address numerous appeals and concerns regarding citywide access to the pools, sea level rise/wave uprush and beach erosion as well as justification of alternate project sites; conducted bidability and constructability reviews assessing temporary facilities, demolition, and the new facilities' project documents; implemented the demolition of the condemned facility and construction of necessary temporary facilities to continue operation of the aquatics department and required restroom and shower facilities while the permanent facility was planned, designed, and entitled. Duties included drafting and presenting multiple City Council reports and resolutions needed for the implementation of the project.



EDUCATION

BS, Civil Engineering, Northeastern University (Boston, MA), 1991

REGISTRATIONS

Registered Professional Engineer
California No. C55453

CERTIFICATIONS

Fellow, American Society of Civil Engineers (F.ASCE)
Qualified SWPPP Developer (QSD)
OSHA 10-Hour Certification

AFFILIATIONS

American Public Works Association (APWA), Southern California Chapter 2011 President and 2012 Congress Finance Chair
City Engineers Association
County Engineers Association
Construction Management Association of America
American Society of Civil Engineers
Chi Epsilon
Guest Lecturer in CM:

- CSU Long Beach College of Engineering, 2016
- CSU Northridge College of Engineering, 2023
- APWA Public Works Officer's Institute, Complete Streets Conference, several years running

YEARS OF EXPERIENCE

34 total / 15 with Ardurra





OMAR ALAMEDDINE

On-Call Services Manager, Project/Construction Manager

QUALIFICATIONS

Omar brings an extensive background in construction management and inspection on public works and Caltrans projects. Omar has managed numerous on-call contracts and delivered projects to renew city streets and freeways, applying his firm grasp of Caltrans and Greenbook standards. He has also managed and inspected construction of recreational facilities such as soccer fields, public parks and a dog park, public facilities, domestic water, sewer, and drainage improvements. Clients appreciate Omar's penchant for precision and thorough documentation.

RELEVANT EXPERIENCE

Alabama Street Alley Water Main Replacement, City of Huntington Beach – Project Manager. Ardurra is providing project management and labor compliance services for this \$1.4M water main replacement and pavement reconstruction project that involves replacing approximately 600 LF of water main with new 6-inch C-900 water main along with associated appurtenances and reconstructing all alley pavement, including approaches and cross gutters, with new concrete pavement. The affected areas include alleys from Memphis Avenue to Lincoln Avenue, and the north-south alley from Lincoln Avenue to Knoxville Avenue.

Orangewood Avenue Improvements, City of Anaheim – Contract Administrator/Construction Manager on this \$17.17M comprehensive infrastructure improvement initiative along Orangewood Avenue, spanning from State College Boulevard to the Santa Ana River Trail, and is situated in a predominantly commercial zone serving as a main arterial to major freeways and highways and access to restaurants, businesses, Santa Ana River Trail as well as the southern entrance to Angel Stadium. This multifaceted project involved high voltage electrical undergrounding for Anaheim Public Utilities along with the relocation of multiple telecommunication service lines; installation of a new 16" water mainline for Anaheim Public Utilities and a new 16" water mainline for the City of Orange Water Department including a 25-foot-deep jack and bore operation under an existing Orange County Flood Control channel; significant traffic signal enhancements and the integration of a new changeable message sign as well as new CCTV system; construction of various retaining block walls; installation of biofiltration systems; and implementation of resort-style hardscape and landscaping, complete with irrigation improvements. This project received the 2024 APWA BEST Project of the Year Award; 2025 ACEC California Engineering Excellence Merit Award; 2025 CMAA Southern California Project Achievement Award; and 2025 ASCE OC Outstanding Roadways and Highways Project Award.

Antonio Parkway/Santa Margarita Parkway Rehabilitation, City of Rancho Santa Margarita – Construction Manager for this federally funded rehabilitation of two busy arterials. The project resurfaced a portion of Antonio Parkway and made improvements to Santa Margarita Parkway's eastbound lanes. Ensured compliance with federal, DBE, and labor compliance requirements.

Indiana Street Design-Build Water Main Replacement, City of Anaheim – Contract Administrator/Construction Manager for one of the City's first design-build projects. This design-build project consists of the construction of approximately 2,400 LF of 6-inch ductile iron CL 52 zinc-coated water main, and 200 LF of 8-inch ductile iron CL 52 zinc-coated water main located along Indiana Street between Broadway and South Street. The project also included the replacement of fire hydrants, valves, water services, and appurtenant structures.

Grove Ave/Holt Blvd Intersection Widening Project, City of Ontario – Construction Manager. Improvements include traffic control, clearing and grubbing, grading, protection and demolition of existing improvements within the public ROW and on private property, modifications to existing irrigation systems, construction of PCC curb and gutter, sidewalk, drive approaches, driveway, ADA ramps, asphalt concrete AC paving, signing and striping, traffic signal modification, street lighting improvements, and tree planting. This project also requires extensive coordination of work with the SBCTA West Valley Connector Project.



EDUCATION

B.S. Civil Engineering, California State Polytechnic University, Pomona, 2009

REGISTRATIONS

Certified Engineer-in-Training
California No. 151070

AFFILIATIONS

Construction Management
Association of America (CMAA)

YEARS OF EXPERIENCE

19 total / 9 with Ardurra





EDUCATION

MS, Asset Integrity Management,
Robert Gordon University,
Aberdeen, Scotland, 2020
BEng, Naval Architecture, State
University of New York Maritime
College, 1986

CERTIFICATIONS

OSHA 10-Hour Construction & Safety
OSHA 30-Hour Construction & Safety

AFFILIATIONS

Royal Institution of Naval Architects
Society of Naval Architects and Marine
Engineers

YEARS OF EXPERIENCE

15 total / 4 with Ardurra

GAFUR OYEWO

Alternate Rep, Inspection Group Leader, Construction Manager

QUALIFICATIONS

Gafur brings 15 years of project and construction management experience, with proficiency in large-scale public works project administrative/management processes such as critical path management (CPM), project scope management, payment/requisition processing, and safety management. He has extensive knowledge in commercial and residential property rehabilitation and restoration, public infrastructure improvements, as well as floating and fixed marine asset dry-docking and repair. His experience spans projects involving a diverse range of installations, which include landscaping, roofing, asbestos abatement, masonry, steel structure erection, concrete, electrical, plumbing, and interior renovation.

RELEVANT EXPERIENCE

Huntington Beach Facilities Inspection, *City of Huntington Beach* – Contract Administrator. Building construction observation services for Huntington Beach's Police Department Communications Center Renovation, Well 9 Roof Replacement, and Central Library Lower-Level ADA Restroom Improvements projects.

Knott Ave. Water Main Replacement – Phase 1 Design-Build, *City of Anaheim* – Contract Administrator/Construction Manager. Providing contract administration and CM services that include administering design workshops and progress meetings and reviewing and processing submittals, RFIs, progress billings, and as-needed extra work orders for the duration of this water main replacement design-build project located on Knott Avenue.

Opal Avenue & Eagle Drive Water Main Replacement Design-Build, *City of Anaheim* – Contract Administrator/Construction Manager. Providing contract administration and CM services, including administering design workshops and progress meetings and reviewing and processing submittals, RFIs, progress billings, and as-needed extra work orders for the duration of this water main replacement design-build project located on Opal Avenue and Eagle Drive.

Felicidad Water Main Replacement Design-Build, *City of Anaheim* – Contract Administrator for a water main replacement project that involves installing approximately 630 LF of 12-inch and 3,960 LF of 8-inch ductile-iron pipe (DIP) as well as new water services and appurtenances at two project sites. The project also includes traffic control, removal and restoration of existing improvements, excavation, backfill, shutdowns, dewatering, temporary high-lining of water service, hydrant installation, coordination with water service customers, chlorination, dechlorination, pressure testing, and site cleanup.

Tot Lot Playground Improvements to Biscailuz Park & Playground Improvements to Boyar Park, *City of Lakewood* – Construction Manager. Project includes infrastructure improvements at two parks within the city of Lakewood. Project scope includes removal of existing sand, play equipment and concrete foundations, grading, removal & replacement of chain link fabric, installation of new Owner Furnished Contractor Installed (OFCl) play equipment, new resilient rubberized surfacing, and miscellaneous related improvements at Biscailuz and Boyar Parks. Provided CM and inspection services in the field and ensured contractor compliance with plans and specs.

Miscellaneous Water Vault Nos. 10, 25, 49, and 94 Rehabilitations, *City of Anaheim (CA)* – Construction Manager for this project, which involves the refurbishment of water vaults, associated pipes and appurtenances, replacement of electrical facilities, removal and replacement of waterline connections such as butterfly valves, receiving wedge gate valves (RWGV), blow-off valve assembly, concrete anchor blocks, flow meters, combination air valve assembly, and asphalt pavement restoration.





TAE KIM, PE

Alternate Representative, Construction Manager

QUALIFICATIONS

Tae is an accomplished civil engineer and senior project manager with approximately 25 years of experience supervising and providing design and construction support for transportation projects, including light rail transit (LRT), commuter rail, and heavy rail; highways and roadways; and bridges. He is highly skilled at managing design teams and subcontractors for alternative delivery contracts, such as design-build and public-private partnerships (P3s), and at navigating project budget and contract negotiations for preliminary design, procurement, construction phases. Tae is also experienced at performing value engineering/risk engineering analyses to reduce construction costs and schedule risk for design-bid-build and design-build projects. In addition, he has served as an expert consultant for the Seismic Principles section of the California Professional Civil Engineer Examination for more than 10 years.



EDUCATION

MS, Civil Engineering, Michigan State University 2000
BS, Civil Engineering, Dong-A University, Korea 1997

REGISTRATIONS

Certified Engineer-in-Training
California No. C69316
Arizona No. 77948
Oregon No. 102066PE
Washington No. 23000431
Nevada No. 032037

YEARS OF EXPERIENCE

25 total / 2 with Ardurra

DESIGN-BUILD EXPERIENCE

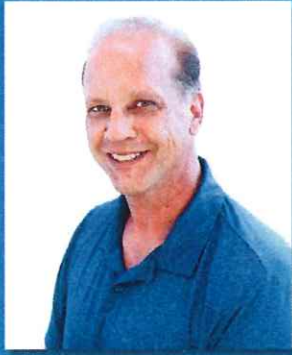
Green Line Extension from Redondo Beach to Torrance, EIR and Preliminary Engineering, Los Angeles County Metropolitan Transportation Authority (Metro) – Design Program Manager. Supervising design services for the 4.6-mile north-south corridor from the existing Redondo Beach (Marine) Station to the Torrance Transit Center (Estimated construction cost of \$1.8 billion). The project area includes portions of the cities of Lawndale, Redondo Beach, Torrance, and Hawthorne and the project consists of construction of 4.6-mile light rail with aerial guideway structures and several at-grade crossings of BNSF rail, two at grade stations, BNSF rail relocation and utility relocation.

Gold Line Foothill Extension, Pasadena to Montclair, EIR and Preliminary Engineering, Foothill Gold Line Construction Authority – Project Engineer. Responsible for coordinating field exploration and preparing preliminary foundation reports for bridges and geotechnical design reports for layover facility and at-grade stations along the alignment. This project involved geotechnical exploration to support preliminary design engineering. The Foothill Extension begins at Sierra Madre Villa Station in Pasadena and terminates at Monte Vista Avenue at Montclair. The 24-mile-long extension includes 17 new bridges and 12 at-grade stations.

SR 91 Corridor Improvement, Program Management, RCTC – Peer Reviewer/Procurement Engineer. Performed peer review of technical documents prepared by the project design team for the Riverside County Transportation Commission (RCTC) extension of two toll lanes in each direction of SR 91 for 10 miles from the Riverside County/Orange County, CA, to I-15 in Riverside County. The \$1.3 billion design-build project also added a general purpose lane in each direction, auxiliary lanes, and toll lane connectors between SR 91 and I-15 as well as improvements to multiple existing interchanges, ramps, and local streets. Tae also assisted the procurement manager in the preparation of the design-build procurement documents, including the RFQ, instructions to proposers, technical provisions, modified standard specifications, and reference materials in coordination with RCTC, California Department of Transportation (Caltrans) District 8, and Caltrans Office of Special Funded Projects.

West Lake Corridor Phase 2, Program Management, NICTD (IN) – Assistant Procurement Manager. Supported the preparation of the design-build technical provisions for the planned 8-mile extension of Northern Indiana Commuter Transportation District (NICTD) South Shore Line commuter rail service south to Hammond, Munster, and Dyer in Lake County, IN. Features are expected to include four new stations with parking lots and kiss-and-ride areas and a new vehicle maintenance and storage facility. Tae's responsibilities for the estimated \$764 million project included coordination with NICTD and its project funding partners, the Northwest Indiana Regional Development Authority and the Indiana Finance Authority.





JOHN WOLITARSKY, CCM

Construction Manager

QUALIFICATIONS

John has delivered critical capital improvement projects for many Southern California public agencies. He excels in managing the replacement or renovation of public facilities, aging city streets, water and sewer lines and other utilities. In addition to John's core project and construction management expertise, he is proficient in scheduling, financial management and multi-party coordination. He also has a strong track record in obtaining and administering federal funding. John is a skilled presenter who has often served as a liaison to public agencies and the community at large.

RELEVANT EXPERIENCE

South Bay Regional Intermodal Transit Center, City of Redondo Beach (CA) – Lead Construction Manager. Provided CM and inspection of the new \$13.2M modern LEED Silver multimodal transportation facility. The new facility consists of a 2,900-SF building housing an operator lounge, private restrooms, passenger waiting area with public restrooms, and offices. Other improvements include a kiss-and-ride parking area, a 320-space upper-level parking lot, bicycle storage lockers, 11 new bus bays, signalized crosswalks, traffic signals, striping, as well as a TAP vending machine and CCTV security cameras. Phase two improvements involve the widening and realignment of Kingsdale Avenue between Grant Avenue and Artesia Boulevard. This roadway improvement will include an additional dedicated northbound right turn lane, new sidewalk, streetlights, and landscaping on the easterly side of the newly widened street adjacent to the Galleria Shopping Center. *2024 Merit Award, ACEC California; 2023 Project Achievement Award, CMAA Southern California Chapter; and 2023 BEST Project of the Year, APWA Southern California Chapter*

Cypress Police Department Seismic Retrofit, Emergency Operations Center, and Modernization Project, City of Cypress – Construction Manager. This project involved seismic upgrade and complete modernization to the interior of the existing Police Department. Improvements for this 20,000-SF building with a partial basement included new electrical, HVAC, office space, conference rooms, restrooms/locker rooms, evidence room, an outdoor patio, as well as seismic retrofitting of the building. The project required substantial coordination with the Police Department to relocate police personnel and operations to temporary trailers during construction. *2022 Project Achievement Award, CMAA Southern California Chapter*

Ford Park Aquatic Center, City of Bell Gardens (CA) – Construction Manager. Project includes CM and inspection services to coordinate with the City and design team, and to manage the bid, demolition, and construction phases. Construction consists of the demolition of the former Ford Park Aquatics Center and construction of a new 12,800 SF aquatic building, a lobby, check-in, and administrative offices, restrooms, mechanical and storage rooms, new swimming pools including a competition pool, activity pool, and therapy pool, water play structures, outdoor amphitheater and amenities, shade structures, and site work including walkways, lighting, landscaping, and parking.

Water Main Replacement, I-153, City of Torrance – Project Manager. Replacement of 4,500 feet of water main under Hawthorne Blvd., 2,500 feet under Crenshaw Blvd. and 1,600 feet under adjoining streets. Fire hydrants and water laterals were also replaced. Coordinated materials testing and inspections of traffic control, utilities, water shutdown plans, public relations and pedestrian safety measures.

15th Street Bike Boulevard of Parks, City of Long Beach – Construction Manager for a 2.5-mile bicycle connector in compliance with the City's Bicycle Master Plan by providing a safer east-west bikeway connection between neighborhoods throughout Long Beach. Generally, improvements included new bicycle/pedestrian facilities, wayfinding signage, crosswalk enhancements, construction of intersection traffic circles and reconstruction of curb ramps. The project also included construction of bulbouts and installation of a flashing warning system at one of the busiest intersections.



EDUCATION

BS, Business Administration
University of Southern California,
1986

CERTIFICATIONS

Certified Construction Manager
CCM No.10457

AFFILIATIONS

American Public Works Association,
Southern California Chapter
Construction Management
Association of America
City and County Engineers Association

YEARS OF EXPERIENCE

39 total / 9 with Ardurra





MARTHA NAPIER, CCM, PMP, LEED AP

Construction Manager

QUALIFICATIONS

Martha is a highly accomplished executive leader and program management professional with extensive experience in change management, cost estimation, budgeting, schedule planning, quality assurance, and process improvement. She has proven expertise in both private and government sectors, including the Department of Defense, U.S. Air Force, U.S. Marine Corps, U.S. Navy, city government, and Caltrans.

As Regional Construction Manager, she oversaw an 8,000-square-mile area encompassing 10 active projects in Southern California (Orange County and Riverside County). She successfully managed 50+ military and city projects from inception to completion, leading design reviews, constructability reviews, budgets, schedules, and change orders to ensure mission success. She developed guidance and processes for efficient and complete design plan reviews at 35%, 65%, and 95%, reducing cost and schedule risk by 35% and providing a clear framework for site activation teams and subsequent design reviews. She is recognized for strategic vision, risk mitigation, and stakeholder engagement, delivering projects on time and within budget while enhancing operational efficiency. She is a strong-willed leader with a passion for continuous improvement, fostering high-performing teams, and driving successful project outcomes.

RELEVANT EXPERIENCE

Commercial Building Retrofit, *City of Marina del Rey* – Lead Inspector. This \$1.5 million project included retrofit of existing building, shotcrete, rebar, sidewalk, driveway and curb and gutter.

Jeffrey Road Widening Phase 1, *City of Irvine* – Construction Manager and Inspector. This \$138 million road widening project included curb and gutter, sidewalk, bike path, waterline, storm drain, underground utilities, intersection signal, interconnect, soundwall, homeowner coordination, irrigation and landscape, paving and striping.

Imperial Highway Widening, *City of Yorba Linda* – Construction Manager and Inspector. The project involved widening Imperial Highway to accommodate increased traffic volumes. Intersection improvements included Yorba Linda Blvd/Imperial Highway and Yorba Linda Boulevard/Lakeview Avenue.

Melrose Street Grade Separation, *City of Placentia* – Construction Manager and Inspector. The \$7.8 million project involved the construction of a railroad-grade separation structure over Melrose Street, along with the realignment and reconstruction of Melrose Street from Crowther Avenue to Santa Fe Avenue. This project improved transportation efficiency, enhanced safety, and upgraded local infrastructure. Key project components included:

- Construction of a two-span, pre-cast girder railroad bridge
- Realignment of Melrose Street to improve traffic flow and safety
- Utility improvements and coordination for infrastructure management
- Installation of concrete retaining walls featuring architectural treatments
- Implementation of street lighting to enhance visibility and security

Quiet Zone, *City of Placentia* – Construction Manager and Inspector. The \$1.6 million project established the first Quiet Zone in Orange County, one of only a few in the nation. The project involved modifications to eight intersections along the BNSF corridor to eliminate the need for routine train whistle noise, enhancing the quality of life for nearby communities. This project significantly reduced noise pollution while maintaining the highest safety standards for both pedestrians and motorists. Key improvements included upgrades to crossing safety measures to meet federal Quiet Zone requirements; installation of supplemental safety devices and improved signage; and coordination with local agencies and rail operators to ensure compliance and efficiency.



EDUCATION

MBA, Maryland University, 2015
BS, Civil Engineering, California State University, 1995
BA, Spanish Legal and Medical Translations, California State University, 1995
Green Belt, US Air Force, 2018

REGISTRATIONS

Project Management Professional, PMP No. 1508784
Certified Construction Manager CCM No. 2270
LEED Accredited Professional Building Design & Construction USGBC, No.10729497
Engineer-in-Training (EIT)

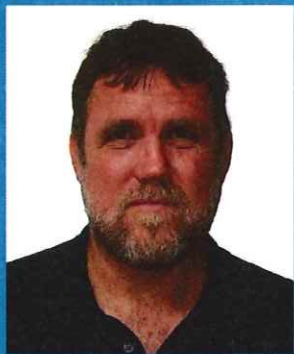
CERTIFICATIONS

Facilities Engineer Certificate Equivalent Level 2, Defense Acquisition University, VA, 2012
Program Management Certificate Equivalent, Level 1Def Acquisition University, VA 2013
Life Cycle Logistics Certificate Equivalent, Defense Acquisition University, VA 2014

YEARS OF EXPERIENCE

30 total / <1 with Ardurra





RONALD HANSON, CEG, PG

Materials Testing & Special Inspection | Geo-Advantec, Inc.

QUALIFICATIONS

Ronald Hanson is a Field Operation Manager/Senior Inspector/Principal Engineering Geologist with Geo-Advantec and is a California Professional Geologist with over 39 years of experience performing geological/geotechnical investigations, geologic/soils inspections and preparing geological reports. He has worked as the Public Works Inspector of Record for several projects, including local street and highway improvements. He has supervised and worked on numerous mass grading operations, geologic mapping for fault evaluations, geological study for transit and transportation projects, and numerous roadway improvement projects under Caltrans LAPM guidelines. Ronald is experienced in PA/ED and PS&E projects for LA Metro's Highway Program and has a vast knowledge of Caltrans' regulations for federally funded projects. He has tremendous experience in field management/supervision of exploratory works for large-scale grading projects in transportation and over three decades of experience working in the engineering geology field. He is extensively familiar with the geological features in Southern California.

RELEVANT EXPERIENCE

Materials Testing and Inspection for Redondo Beach South Bay Regional Intermodal Transit Center, City of Redondo Beach – Senior Inspector. GAI provided during construction geotechnical and materials inspection and testing services. GAI's scope of work included field monitoring, testing and inspection for the grading work, laboratory tests on soils, base asphalt and concrete; and preparing and submitting daily inspection reports. The project involved the construction of a new transit center on Kingsdale Avenue, which included the construction of a new transit building, bus bays, retaining walls, parking lot and associated appurtenances.

Geotechnical Services for Torrance Transit Park and Ride Regional Terminal, Phase I-Rough Grading, City of Torrance – Field Supervisor/Principal Engineering Geologist. In charge of the inspection team providing geotechnical services, grading observation and soils testing for different components of the project including a proposed one-story and a proposed two-story building, bus platform, canopies and pavement of the designated areas. The purpose of testing and inspection of the grading operations was to verify that the completed work complied with the project plans, specifications, special provisions, and geotechnical recommendations.

On-Call Geotechnical & Material Testing Services, Orange County Public Works (OCPW) – Principal Engineering Geologist. GAI has been an on-call consultant with OCPW for geotechnical and material testing services since 2017. GAI recently provided a geotechnical investigation for the Oso Creek Channel Rehabilitation Project, which included our recommendations for the retrofit design and construction of the partially failed channel bank from a geotechnical standpoint.

Geotechnical Monitoring and Materials Testing and Inspection Services for the Cordova Complete Street Project, City of Pasadena – Project Manager/Principal Engineering Geologist. GAI provided geotechnical and materials inspection and testing and performed continuous and periodic inspection for this street improvement project. Services included providing field monitoring, testing and inspection for the street pavement works, performing laboratory tests on subgrade, base and asphalt materials, and preparing and submitting daily inspection reports.

Geotechnical Engineering Services for Street Rehabilitation and TSM Riverside Drive Project & 11th Street Storm Drain - Chino Avenue to Riverside Drive, City of Chino – Project Manager/Principal Engineering Geologist. The project involved the installation of a storm drain and the renovation of Riverside Drive from Central Avenue to Oaks Avenue. GAI provided soils inspection and prepared and submitted daily inspection reports.



EDUCATION

Graduate Courses in Geology,
California State University, Los Angeles
BS, Geology, California State
University, Los Angeles, 1984

REGISTRATIONS

Registered Professional Geologist
California No. 5143

CERTIFICATIONS

California Certified Engineering
Geologist #1841
City of Los Angeles Deputy Grading
Inspector (#P022551)
ICC Soils Special Inspector (#8049864)
Caltrans CTM Certs.: 125, 231, 375
OSHA-30
Nuclear Gauge Operator Training
HAZWOPER-40
Confined Spaces & Permit Required
Confined Spaces (GI)

AFFILIATIONS

Geological Society of America

YEARS OF EXPERIENCE

39 total



EDUCATION

High School Diploma, 1997

CERTIFICATIONS

ACI Aggregate Base Testing Technician (#01124003)

ACI Concrete Laboratory Testing Technician – Level 1 (#01124003)

ACI Aggregate Testing Technician – Level 1 (#01124003)

ACI Concrete Strength Testing Technician (#01124003)

ACI Concrete Field Testing Technician-Grade I (#01124003)

ACI Masonry Laboratory Testing Technician (#01124003)

ICC Soils Special Inspector (#8025182)

ASTM Soil Laboratory Technician
City of Los Angeles Deputy Grading Inspector (#P034373)

OSHA-10

Radiation Safety and Use of Nuclear Gauges-CPN International, Inc.; Radiation Safety Officer Seminar for Nuclear Gauges-CPN International, Inc.

Caltrans CTM Certs.: 105, 106, 125, 201, 202, 204, 205, 216, 217, 226, 227, 229, 231, 308, 309, 375, 382, 504, 518, 521, 523, 539, 540, 543, 556, 557, 643

ASTM Training and E-Learning-Course Tests for Determining the Water Content of Soils

YEARS OF EXPERIENCE

12 total

JOHN CROMER

Materials Testing & Special Inspection | Geo-Advantec, Inc.

QUALIFICATIONS

John Cromer is a Laboratory Manager and Senior Field/Lab Inspector at Geo-Advantec and has over 12 years of experience performing laboratory testing and field inspection. He has served as a laboratory technician on soil, aggregate and asphalt on numerous projects in Southern California. In addition, he has been involved in many field inspections, monitoring, and testing services on all kinds of grading projects. John is extremely familiar with Caltrans testing procedures.

RELEVANT EXPERIENCE

Geotechnical Monitoring and Materials Testing and Inspection Services for the Cordova

Complete Street Project, City of Pasadena – Lab Manager/Senior Field & Lab Technician. GAI provided geotechnical and materials inspection and testing and performed continuous and periodic inspection for this street improvement project. Services included providing field monitoring, testing and inspection for the street pavement works, performing laboratory tests on subgrade, base and asphalt materials, and preparing and submitting daily inspection reports.

Materials Testing and Inspection for Redondo Beach South Bay Regional Intermodal Transit

Center, City of Redondo Beach – Lab Manager/Field & Lab Technician. GAI provided during construction geotechnical and materials inspection and testing services. GAI's scope of work included field monitoring, testing and inspection for the grading work, laboratory tests on soils, base asphalt and concrete; and preparing and submitting daily inspection reports. The project involved the construction of a new transit center on Kingsdale Avenue, which included the construction of a new transit building, bus bays, retaining walls, parking lot and associated appurtenances.

Geotechnical Services for Torrance Transit Park and Ride Regional Terminal, Phase I-Rough

Grading, City of Torrance – Lab Manager/Field & Lab Technician. Provided geotechnical services, grading observation and soils testing for different components of the project including a proposed one-story and a proposed two-story building, bus platform, canopies and pavement of the designated areas. The purpose of testing and inspection of the grading operations was to verify that the completed work complied with the project plans, specifications, special provisions, and geotechnical recommendations.

Geotechnical Monitoring and Materials Testing Services for Descanso Drive Street

Improvements, City of La Canada Flintridge – Lab Manager/Field & Lab Technician. GAI provided field monitoring, testing and inspection for the street pavement work, performed laboratory tests on subgrade, base and asphalt materials, and prepared and submitted daily inspection reports for this project. The project involved the resurfacing of Descanso Drive from Verdugo Blvd. to Chevy Chase Drive in La Canada Flintridge.

Independent Assurance Program and Geotechnical Engineering Services for Burbank

Channel Bikeway Project, City of Burbank – Lab Manager/Field & Lab Technician. GAI provided during construction geotechnical observation and monitoring, Independent Assurance Program (IAP) inspection and testing, materials special inspection, and laboratory testing services for construction of a bike path along Burbank Channel from Olive Avenue to Alameda Avenue. The project included the construction of a new sidewalk and boardwalk, installation of piles where the boardwalk is elevated above the ground surface, installation of modular walls and various culverts, ramps lighting and restriping for the site.

Geotechnical Monitoring and Testing Services for Pavement Renovation on Garfield Ave., Triggs

St., Sheila St. and Gage Ave., City of Commerce – Lab Manager/Field & Lab Technician. Services included conducting more than 30 cores, collecting samples of pavement section and subgrade, and providing pavement recommendations. During construction, GAI performed field monitoring and compaction testing on backfill soils, base, CSPB, asphalt, and performed laboratory tests on base and asphalt materials.



MARK LEWIS, PE, TE

Quality Control, Agency Advisor

Education: BS, Civil Engineering, CSU Long Beach, 1986

Registrations: Professional Engineer: California No. C49335;

Registered Traffic Engineer: California No. TR1637;

Registered Traffic Operations Engineer, California No. #661

Years of Experience: 40 total/5 with Ardurra

Mark Lewis, PE, TE, is a proven leader with over 40 years of engineering experience. Mark's ambitious career with the City of Fountain Valley (City) spans 34 years, commencing as a college intern and advancing to the position of director of Public Works/City Engineer for the last 20 years. Mark has extensive familiarity, knowledge, and progressive management expertise in strategic planning, operational efficiency, financial planning, and human resources management. He applies an innovative approach in these key areas in addition to communication, funding procurement, asset management, capital improvement program development and implementation, project management, and intergovernmental relations to deliver cost-saving solutions to all his projects. Mark secured more than \$60 million of local, federal, and state grants to fund a capital program that resulted in the City being known for its high-quality streets, world-class sports park, and recreational center. Also, the City provides a fiscally sustainable utility enterprise to provide high-quality and reliable water, sewer, and drainage infrastructure.

Mark's additional and notable accomplishments include chairing the Orange County Transportation Authority (OCTA) Technical Advisory Committee (TAC) and Technical Steering Committee (TSC) on four separate occasions. He participated in drafting language for OCTA Measure M2 and met with government and business leaders throughout its development and ultimate passage. Mark has also been the chair of the Laguna Beach Water Commission, president of the OC City Engineers Association, and president of OC Traffic Engineering Council. Mark is a leading mind in regional arenas of transportation, waterworks and civil services throughout Orange County.

RELEVANT EXPERIENCE

- Sewer Lining FY 2022/2023, City of Huntington Beach
- Half Rounds Drainage Structures, City of Huntington Beach
- Goldenwest Landscape Medians, City of Huntington Beach
- Well 4 Equipping, City of Huntington Beach
- Well 9 H2S media replacement, City of Huntington Beach



DEBORAH DE BOW, PE

Quality Control, Agency Advisor

Education: BS, Civil Engineering, University of the Pacific

Certifications: Professional Engineer: California No. 43607

Years of Experience: 42 total/2 with Ardurra

Awards: Mayor's Award of Excellence, City of Huntington Beach, 2020; Public Works Award of Merit for Outstanding Public Service, Huntington Beach Chamber of Commerce; Certificate of Congressional Recognition from U.S. Congressman Dana Rohrabacher

A highly skilled public works professional with experience working in both the public and private sectors, Deborah De Bow spent much of her career as an engineer for the City of Huntington Beach. She has 40 years of experience in the planning, design, and construction management of public utilities and capital projects. In addition, Ms. De Bow offers unique expertise with the processing and approving of residential, commercial, and industrial private development projects, including developing and enforcing conditions of approval and development requirements, environmental review, regulatory approvals, and public hearings. She has extensive experience with budget preparation and has authored and delivered hundreds of technical and staff reports for City Council approvals. Ms. De Bow is a graduate of the City of Huntington Beach Leadership and Management Academy and was awarded the Mayor's Award of Excellence before retiring from the City in 2020.

As a consultant, Ms. De Bow has offered her expertise to local agencies by providing project management and QA/QC services for numerous water infrastructure and capital improvement projects. She performs strategic planning, conducts site evaluations, prepares reports, and provides project management services. CIP projects over the past few years have included more than 60 reservoirs, 9 pump stations, a new municipal water well, well siting and feasibility studies, plan review of various water transmission and distribution pipelines, a water master plan and financing plan, emergency generators, public safety tenant improvements, and 8 multimodal bridges in the Irvine Great Park.

RELEVANT EXPERIENCE

- Acting City Engineer, City of Huntington Beach (2019-2020)
- Irvine Great Park Bridges, City of Irvine
- Public Safety Improvements, City of Irvine
- Civic Center Expansion Project, City of Irvine



ALAN HARGIS, CCM

Construction Manager

Education: Associates of Science, Computer Drafting and Design, ITT

Certifications: Certified Construction Manager, CCM No. 28403

Years of Experience: 16 total / 8 with Ardurra

With over 16 years of experience, Alan has supported a wide range of water, wastewater, roadway, and railway infrastructure projects. His responsibilities have included program management, project management, construction management and administration, and design of public water and wastewater infrastructure projects. In this role he has provided document control, schedule & finance management and day-to-day management of various construction projects. Experienced in department and contractor coordination for system shutdowns, tie-ins and bypasses and working with permitting agencies for acceptance and compliance.

In his labor compliance role, Alan supports proposal development, program and project planning, budgeting, and contract/subcontract coordination. He ensures adherence to California Department of Industrial Relations and Federal Davis-Bacon Act regulations, overseeing documentation, field interviews, discrepancy resolution, and grant reporting. A proactive problem solver, he works closely with owners, construction management teams, and contractors to maintain compliance and accountability across all project stages.

Alan also brings valuable insight from his early career as a CADD designer, giving him a comprehensive understanding of infrastructure projects from initial planning and design through final construction. This background enhances his ability to anticipate project needs, communicate effectively across disciplines, and ensure continuity throughout all phases of delivery.

RELEVANT EXPERIENCE

- District Office Renovations, Elsinore Valley Municipal Water District
- Palomar Wells, Elsinore Valley Municipal Water District
- Regional Agricultural Pipeline Conversion Project, Elsinore Valley Municipal Water District
- Field Engineering Staff Support Services- Construction Administrator, Eastern Municipal Water District



WILL HERNANDEZ, PMP

Construction Manager

Education: Executive MBA, University of Southern California;

BS, Psychology, University of California San Diego

Certifications: Project Manager Professional – Certification January 2004; Cal OSHA – Confined Space; Cal OSHA – 500 Hour Trainer Sure Track/Timberline/Bid 2 win / Hard Dollar/ HCSS/ P6 Contractor

Years of Experience: 28 total / 1 with Ardurra

Will is a 28-year veteran of the public works construction industry with an emphasis in water/wastewater infrastructure construction. He's managed many different project types including small and large pipelines, small and large reservoirs, pump stations, and treatment facilities. Will is a well-rounded professional with proficiency in all aspects of the construction industry, including knowledge of technical advances, proven record of budget management, and a reputation of excellence. Throughout his career, he has built solid working partnerships with vendors, subcontractors, clients, and field and administrative staff resulting in skilled, professional-grade, and timely project completion.

He has filled positions on both the contractor and consultant side of the industry, as well as being formerly employed by the Department of Water Resources. As a member of the contractor's team, he has been responsible for estimating and managing projects ranging from \$5,000,000 to \$150,000,000. In this role, he has been responsible contract management as well as daily operations issues including work force management, procurement, safety, and quality control. Over his career, he has built a solid reputation for building strong working relationships with owners, clients, subcontractors, vendors, and field and administrative staff resulting in skilled, professional-grade, and timely project delivery.

RELEVANT EXPERIENCE

- Owner Consultant Regarding the Progressive Design-Build of the Rincon del Diablo Municipal Water District Administration and Operations Building – Phase 1, Rincon Del Diablo Municipal Water District
- Water Facilities Project Phase 1 – Construction Order 044970, San Bernardino Municipal Water Department
- Crafton Hills Reservoir Expansion, East Branch Expansion, California Department of Water Resources
- Mentone Pipeline, East Branch Expansion, California Department of Water Resources



RAKAN KHRAISAT, PMP, CMIT

Construction Manager, Inspector

Education: MS, Construction Management, Arizona State University, Tempe; BS, Civil Engineering, University of Cairo, Egypt

Certifications: Project Management Professional (PMP); Construction Manager-In-Training (CMIT); Risk Management Professional

Years of Experience: 12 total / 4 with Ardurra

Rakan Khraisat brings an extensive background in civil engineering that includes design management and implementation of large-scale projects. Rakan has also inspected and managed various vertical and horizontal construction projects through all phases of the project. During Rakan's 11 years of experience, he has supervised personnel on large construction projects while developing continuous improvements throughout planning and implementation phases of projects. He has a demonstrated history of establishing and enforcing adherence to standards of excellence and is well-versed in mentoring and guiding associates to exceed client and stakeholder expectations through maintaining close connections with project personnel to quickly identify and resolve problems.

Rakan is involved with orchestrating operations, activities, financial support, scheduling, and resource management to achieve project objectives. He is motivated to deliver projects on time and within established budgets by monitoring progress, enforcing deadlines, ensuring cost controls, and resolving problems quickly and effectively.

RELEVANT EXPERIENCE

- Imperial Highway and Big Sky Lane Water Main Replacement Design-Build, City of Anaheim
- Opal Avenue & Eagle Drive Water Main Replacement Design-Build, City of Anaheim
- Knott Avenue Water Main Replacement – Phase 1 Design-Build, City of Anaheim
- Felicidad Street, Lemon Street and Freedom Avenue Water Main Replacement Design-Build, City of Anaheim
- Underground District No. 65 Reliability Improvement, Phase 2, Design-Build, City of Anaheim
- Oranewood Avenue Improvements, City of Anaheim



JOE STOAKLEY, PE, QSD

Construction Manager

Education: BS, Civil Engineering, Loyola Marymount University; Caltrans Resident Engineer Academy, 2011

Registrations: Professional Engineer: California No. C83184

Certifications: Qualified SWPPP Developer (QSD); OSHA 10-hr Construction Program

Years of Experience: 21 total / 15 with Ardurra

With expertise in quality assurance and sustainability, Joe Stoakley is a respected construction manager, inspector and resident engineer for major municipal road and water infrastructure projects. Project highlights include the City of Newport Beach's Superior Avenue Pedestrian/Bicycle Bridge and Parking Lot, City of Carson's \$19-million Carson Street master plan implementation, City of Torrance Crenshaw Boulevard rehabilitation, and signature transit center projects for the cities of Torrance and Redondo Beach. He leverages his strengths in resolving technical issues and facilitating coordination between public agencies, contractors, utilities and subconsultants.

RELEVANT EXPERIENCE

- Superior Avenue Pedestrian/Bicycle Bridge and Parking Lot, City of Newport Beach – New pedestrian/bicycle bridge approximately 210 feet long and 12 feet wide overcrossing Superior Avenue; a new larger parking lot with 129 parking spaces; expansion of Sunset View Park (additional grass area); earthwork, grading, retaining walls, storm drain and lighting improvements; landscape and irrigation improvements; and amenities including a drop-off area, bicycle fix-it station, and a drinking water fountain. Local and federal programs funded this project, which meant our team segregated project costs to ensure FHWA compliance. *This project received the 2025 ACEC California Engineering Excellence Merit Award; ASCE Orange County Outstanding Bridge Project Award; and 2025 CMAA Southern California Project Achievement Award.*
- Boys & Girls Clubs ADA Improvements, City of Fountain Valley – ADA access improvements to a recreation center. Supported the bidding process, contract administration and inspection. Partial project funding came from the federal CDBG program. Ardurra monitored compliance with Davis-Bacon prevailing wage and Section 3 requirements. Improvements included ADA-compliant parking modifications, curb ramps, wall railings and signage.



ANH CASE, PE, CCM
Construction Manager

Education: MS, Civil Engineering, University of California, Irvine;
BS, Civil Engineering, California Polytechnic State University
Registrations: Professional Engineer: California No. 64709
Certifications: Certified Construction Manager, CCM No. 5798
Years of Experience: 27 total / 1 with Enterris

Anh Case has 27 years of structural and civil engineering experience in the areas of bridges and commercial buildings. Her experience includes construction management, quality assurance/quality control (QA/QC) inspection, planning, scheduling, structural design, quantity takeoffs, cost estimates, plan preparation, and client correspondence. Anh has held positions ranging from bridge design engineer, construction inspector to structures representative, as well as resident engineer. Anh has worked with a variety of agencies, including California Department of Transportation (Caltrans), Orange County Transportation Authority (OCTA), LA Metro, Port of Long Beach (POLB), Metrolink, and various city agencies, including Los Angeles, Bakersfield, Camarillo, San Marcos and Seal Beach. Anh has managed traditional Design-Bid-Build projects as well as Design-Build Projects including the I-405 Improvement Project, LA Metro Expo Phase 2 and the OCTA SR22 Design-Build Project.

Anh is experienced in the design and construction of simple-span and multi-span bridges, retaining walls, mechanically stabilized earth (MSE) walls, and retrofit of existing bridges in accordance with Caltrans and American Association of State Highway and Transportation Officials (AASHTO) codes. She also has experience with highway construction inspection requiring compliance with Caltrans' procedures, standard plans, and specifications. Anh is very familiar with the Caltrans electronic lane closure system (LCS) and is well versed with the Manual of Uniform Traffic Control Devices (MUTCD), California Supplement. She is also knowledgeable in the required frequencies and procedures of materials testing in accordance with the Caltrans Construction Manual and the California Test Method. Anh also understands environmental considerations, including Storm Water Pollution Prevention Plan compliance.

RELEVANT EXPERIENCE

- OCTA, I-405 Design-Build Improvement Project, Orange County
- I-605/Katella Interchange Improvement Project, Los Alamitos



MICHAEL EDWARDS
Project Scheduler

Education: MS, Urban Studies: Community Development, Georgia State University; BS, Construction Technology, Purdue University
Software: Primavera (P3/P5/P6 & Contract Manager); MS Project; SAP; Cognos; Deltek; IBM SPSS
Years of Experience: 35 total / <1 with Enterris

Michael is a degreed Senior Scheduler at Enterris who has experience in public works transportation, aviation, ports, and EPA Superfund sites. He has successfully developed and implemented project plans, QC plans and procedures, project controls, schedule turnarounds, and cost controls on both horizontal and vertical construction from preliminary design through operational turnover. Michael's skillset includes supervising and coordinating the work of project control and scheduling staff as well as qualitative and statistical analysis, process improvement, and QA/QC oversight, developing mitigation strategies for the coordination of construction with daily operations and staged openings of completed sections of projects, and developing alternatives for phasing the turnover of completed areas with keeping existing areas in operation until after substantial completion of the project so to minimize impacts specifically for power. He advises contract managers and lead engineers on constructability, writing construction plans for systemwide work including interfaces with construction and operations, and develops master schedule. He is adept at reviewing contract documents for constructability, reviewing contractors' baseline and monthly schedule updates, writing schedule basis as well as quantity and cost estimates, the development of design interface matrices, and writing schedule specifications as well as times of completion.

RELEVANT EXPERIENCE

- Port of Los Angeles and the City of Bakersfield, Orange, CA – Construction Scheduler/ Project Scheduler for the \$73M POLA Pier 400 (APM Terminal) and the \$351M City of Bakersfield Centennial Corridor Mainline (New Alignment for State Route 58 and Improvements)
- Metro (Minnesota), Eden Prairie, MN – Project was the \$904.6M G Hiawatha Light Rail Transit (Metro Blue Line) that linked to downtown Minneapolis with the international airport (MSP) and the Mall of America. Responsible for community and construction Impact mitigation, preparation, and updating. Managed monthly review of the contractors' schedule updates, reviewed of the Design-Build contract's monthly application for payment, and reconciliation with their monthly schedule update.

**ERIC EGURROLA**

Inspector

Education: AS/Water Utility Science, Rancho Santiago College**Registrations:** State of California Water Treatment Operator T2, #18635; State of California Water Distribution Operator D3, #8151**Certifications:** NUCA Trenching and Excavations; 8-Hour Safety, Competent Person; Fall Protection 8-Hour, Competent Person; NUCA Confined Space Entry; Traffic Control Technician**Years of Experience:** 27 total / 8 with Ardurra

Eric Egurrola is a senior construction inspector with 27 years of experience on public works projects. For more than a decade, Eric served as a Staff Construction Inspector with the City of Fullerton. Eric has also inspected public works construction for the Cities of Irvine, Brea, Ontario and South Gate. Eric brings significant roadway project experience, having inspected road widenings and extensions, pavement rehabilitation, and the removal and replacement of curb, gutter, sidewalk. Equally strong is Eric's project background in water infrastructure construction and rehabilitation. His inspections have involved water and sewer lines, storm drains, pump stations, reservoirs, and wells, in addition to public buildings, residential developments, schools, and landfills. Eric brings meticulous attention to detail and the ability to communicate clearly and courteously with all project stakeholders, including residents and business owners impacted by construction.

RELEVANT EXPERIENCE

- Palos Verdes Recycled Water Pipeline and Pump Station Projects, West Basin Municipal Water District (Torrance/Palos Verdes Estates) – Installation of 8,000 LF of new water pipeline in roadways and easements; jack & bore across PCH; HDD; construction of a new booster pump station, and installation of appurtenances; meter vault, air vacuum valves, blow-off valves, irrigation meters.
- ADA Facility Improvements, Operations Support Facility-Building 1, City of Irvine – Inspector for interior accessibility improvements to men's and women's restrooms in Building 1, exterior accessibility upgrades to building entrances, sidewalks, access ramps and handrails. Inspected installation of signage and striping for compliance with accessibility standards.
- Lakeview Senior Center Rehabilitation, City of Irvine – Inspector for project removing and replacing concrete hardscape, installing storm drain and drainage inlet. Reviewed block-wall repair, irrigation and landscaping improvements, and removal and replacement of outdoor lighting. Monitored the cleaning and painting of shade structure block walls.

**NATHAN WOLITARSKY**

Inspector

Education: OSHA Training, Construction Safety and Health; NUCA Excavation Safety/Competent Person Training; Confined Space Training**Certifications:** Water Distribution Operator Grade D1; Journeyman Carpenter; Journeyman Construction Craft Laborer**Years of Experience:** 12 total / 3 with Ardurra

Nathan has an accomplished career focused on water projects throughout California. His extensive experience includes construction of projects that contain pump stations, bioretention basins, reservoirs, concrete tanks, waterlines, sanitary sewer systems, wastewater treatment plants, injection wells, aligner pipe installation including epoxy-lined CMLC, construction of buildings including shoring, compaction, and retaining walls. With his exceptional attention to detail and proficient problem-solving skills, he has been given increased levels of responsibility, including project/plan execution, quality control, quality assurance, reporting, preparation of as-built drawings, and being assigned the Competent Person responsible for ensuring a safe workspace.

RELEVANT EXPERIENCE

- Ford Park Aquatic Center, City of Bell Gardens – Inspector. Project includes CM and inspection services to coordinate with the City and design team, and to manage the bid, demolition, and construction phases. Construction consists of the demolition of the former Ford Park Aquatics Center and construction of a new 12,800-SF aquatic building, a lobby, check-in, and administrative offices, restrooms, mechanical and storage rooms, new swimming pools including a competition pool, activity pool, and therapy pool, water play structures, outdoor amphitheater and amenities, shade structures, and site work including walkways, lighting, landscaping, and parking.
- On-Call CM/Engineering Support/Testing & Inspection, City of Cypress – Providing inspection on various CIP projects for the City of Cypress. Projects have included:
 - Cypress Senior Center Interior Improvement, Project 290
 - Cypress Veterans and Cedar Glen Park Parking Lot Resurface, Project 363
 - Cypress Arterial Rehab, Project 350
 - Cypress City Hall Restroom Remodel, Project 324
 - Cypress Community Center HVAC Replacement



CHIP VANDERBEEK, QSP

Inspector

Education: Geology/Civil Engineering Studies, University of Wyoming

Certifications: HAZWOPER 40 Hour; HAZWOPER 24 Hour Certified Supervisor; Campbell Nuclear Gauge; Qualified SWPPP Practitioner (QSP) #27109; Certified Inspector: Sediment/Erosion Control (CISEC) #2688

Years of Experience: 47 total / 7 with Ardurra

Calvin (Chip) Vanderbeek has overseen grading operations and has been responsible for quality control of several multimillion-cubic-yard hillside and flat land grading projects throughout Southern California. Chip's inspection background also includes inspection and testing of reclaimed and potable water systems, sewer, storm drain water, subgrade, base course, asphalt and concrete inspection, shoring and deep caisson inspection, and earth retention wall systems. He also has in-depth experience performing construction inspection for several Caltrans bridge and highway projects. Chip has performed preliminary geotechnical investigations, report preparation, asphalt and concrete inspection, foundation inspection, soils and materials laboratory work and geotechnical investigations. Chip has also provided inspection services for various projects in the Counties of Los Angeles, Orange, Ventura, San Diego, Riverside and San Bernardino.

RELEVANT EXPERIENCE

- Mary K. Giordano Regional Transit Center, City of Torrance – This LEED 2009 Gold project includes parking for buses and automobiles, covered passenger boarding areas, offices, employee break areas and retail spaces. The project also involves offsite improvements for the installation of required utilities, the widening of Crenshaw Boulevard and construction of an extension of 208th Street as well as related improvements. *2024 Merit Award, ACEC California and 2024 Project Award, CMAA Southern California Chapter*
- Manhattan Village Senior Villas ADA Pathway Project, City of Manhattan – ADA pathway project to replace missing sidewalk and provide senior residents safe and dedicated access from their community to the public sidewalk and Metro bus stop on Parkview Avenue. The project included the path of travel from the public right-of-way to the Manhattan Village Senior Villas and Soccer Field Restroom; new ADA switchback ramp and stairs; new pedestrian marked pathway; ADA-compliant parking, striping and signage; and modified parking lot landscaping.



LANCE CASTRO, CMIT

Inspector

Education: James Madison High School, 2003

Certifications: Construction Manager in Training (CMIT), Construction Manager Certification Institute; California Water Distribution Operator – Grade 4 Certification; Confined Space Entry, Trench and Shoring, Traffic Control, and Heavy Equipment Operation Certifications; Supervisors Transition and Readiness Training Certification; OSHA 30-Hour Construction Safety Certification

Years of Experience: 12 total / 2 with Ardurra

Lance Castro has been working on public water infrastructure since 2013 and has a wealth of experience in the installation and maintenance of water systems. He previously worked as a Construction Inspector for Olivenhain Municipal Water District, where he was responsible for inspecting a \$3 Million recycled water pipeline project where a reservoir was retrofitted, a lift station was installed, and 3 miles of pipeline were placed in the ground. In addition to this, he inspected a number of various jobs, ranging from pipeline replacement projects to large diameter backflow installations. He then worked as a Construction Foreman with Olivenhain Municipal Water District, where he ran a crew of 6 people for both new installations and maintenance/repair. Some of his responsibilities in this position included job planning, pulling city permits, management of field personnel, material procurement and responding to emergency leaks for repair. He also worked in System Operations for Santa Fe Irrigation District (SFID), where he was responsible for maintaining the distribution system by using SCADA to monitor pressures and flows, sampling for water quality and maintaining/rebuilding all of SFID's pressure regulating stations.

RELEVANT EXPERIENCE

- Owner Consultant Regarding the Progressive Design-Build of the Rincon del Diablo Municipal Water District Administration and Operations Building – Phase 1, Rincon Del Diablo Municipal Water District – Construction of new Administration and Operations Buildings, totaling 14,000 SF, delivered through a PDB delivery method. Ardurra provided comprehensive project controls and technical services, including project management, document control, risk management, and design review. A key focus was assisting the District during the Guaranteed Maximum Price Proposal Phase by validating cost estimates, monitoring open-book pricing, reviewing construction schedules and schedule of values, and guiding GMP negotiations to ensure a fair, transparent, and cost-effective agreement aligned with the District's objectives.

**JAY JORDAN**

Inspector

Education: Mira Costa College, 1996**Certifications:** State of California Water Distribution Operator D2, #47748; NACE 1 Certification**Years of Experience:** 20 total / 8 with Ardurra

Jay began his career in water/wastewater construction with the City of Carlsbad water operations department 19 years ago. He spent the first six years of his career maintaining and repairing water and wastewater infrastructure. Following his time with operations, Jay advanced to the City's construction management and inspection department where he spent ten years overseeing and inspecting water/wastewater capital improvement projects of varying types, including pipeline replacement, manhole and pipeline rehabilitation, facility construction and upgrade, and private development construction. Jay has been a member of Ardurra for five years now and has become a key member of our inspection staff with over 15 years in the Construction Inspection field.

RELEVANT EXPERIENCE

- Owner Consultant Regarding the Progressive Design-Build of the Rincon del Diablo Municipal Water District Administration and Operations Building – Phase 1, Rincon Del Diablo Municipal Water District – Senior Construction Inspector. Construction of new Administration and Operations Buildings, totaling 14,000 SF, delivered through a PDB delivery method. A key focus was assisting the District during the Guaranteed Maximum Price Proposal Phase by validating cost estimates, monitoring open-book pricing, reviewing construction schedules and schedule of values, and guiding GMP negotiations to ensure a fair, transparent, and cost-effective agreement aligned with the District's objectives.
- Graeber Street Water Main Replacement, Western Municipal Water District – Inspection of 7,000 LF water main replacement project. The project consisted primarily of installing new 12-inch water main along the main arterial through March Air Reserve Base.
- A-2 Lift Station Rehabilitation, Elsinore Valley Municipal Water District – Inspector for the rehabilitation of an existing 3,600 gpm lift station located within the City of Lake Elsinore. Responsibilities include day-to-day inspection, coordination with the District's operation staff, and coordination of special inspection services.

**DANNY ROBINSON**

Inspector

Certifications: Certification – Competent Person, Various Trench Soils; Confined Space Entry Certification**Affiliations:** Construction Concrete Institute**Years of Experience:** 29 total / 21 with Ardurra

Danny has been providing water and wastewater inspection services to Ardurra's clients for the past 20 years. Prior to joining Ardurra, Danny spent several years in heavy civil and utilities construction. The types of projects inspected by Danny have included pump stations, pre-stressed concrete reservoirs, large and small diameter pipeline projects, and roadways projects. He also has extensive concrete structure experience for storm drain, sewer and water facilities. Many of his projects included heavily traveled roads and freeways where night work is often required. His clients have included Elsinore Valley Municipal Water District, Vista Irrigation District, City of San Bernardino, City of La Mesa, City of San Diego, City of Oceanside, Eastern Municipal Water District, Orange County, the City of Fullerton, Metropolitan Transit Development Board, Olivenhain Municipal Water District, and Santa Fe Irrigation District.

RELEVANT EXPERIENCE

- Owner Consultant Regarding the Progressive Design-Build of the Rincon del Diablo Municipal Water District Administration and Operations Building – Phase 1, Rincon Del Diablo Municipal Water District – Senior Construction Inspector/Resident Engineer. Construction of new Administration and Operations Buildings, totaling 14,000 SF, delivered through a PDB delivery method. A key focus was assisting the District during the Guaranteed Maximum Price Proposal Phase by validating cost estimates, monitoring open-book pricing, reviewing construction schedules and schedule of values, and guiding GMP negotiations to ensure a fair, transparent, and cost-effective agreement aligned with the District's objectives.
- 511 Pump Station Design-Build, City of Oceanside – Installation of 2,500 LF of 18-inch ductile iron water main for the upgrades of 511 Pump Station. The water main extended from the pump station along the San Luis Rey River alignment out to a new connection in Foussat Road. The pump station improvements included the modification of an existing clear-well, installation of three new pumps, installation of a new surge tank, addition of an 800kw backup generator, and the installation of a new control building.

APPENDIX B

CERTIFICATIONS



CERTIFIED CONSTRUCTION MANAGERS – ARDURRA



ABOUT US MEMBERSHIP CERTIFICATION EDUCATION & TRAINING

John Austin Wolitarsky, CCM

Job Title: Senior Project/Construction Manager

Company Name: Ardurra Group

City: El Segundo

State: CA

Expiration Date: December 31, 2027

CMCI Number: 10457



ABOUT US MEMBERSHIP CERTIFICATION EDUCATION & TRAINING

Martha H Napier, CCM

Job Title: Sr Program Manager/Sr. Construction Manager

Company Name: Ardurra Group

City: Huntington Beach

State: CA

Expiration Date: September 30, 2027

CMCI Number: 2270



ABOUT US MEMBERSHIP CERTIFICATION EDUCATION & TRAINING

Charles Alan Hargis

Job Title: Assistant Program Manager

Company Name: Ardurra Group

City: Temecula

State: CA

Expiration Date: January 14, 2026

CMCI Number: 28403



ABOUT US MEMBERSHIP CERTIFICATION EDUCATION & TRAINING

Jeff Moody, PE, CCM, CWI

Job Title: Sr. Construction Manager/Owner

Company Name: No Employer Selected

City: Ramona

State: CA

Expiration Date: April 30, 2028

CMCI Number: 657

CERTIFIED CONSTRUCTION MANAGERS – ENTERRIS



[ABOUT US](#) [MEMBERSHIP](#) [CERTIFICATION](#) [EDUCATION & TRAINING](#)

Anh Ly Case, PE, CCM

Job Title: VP, Director of Construction Management, SoCal

Company Name: EXP

City: San Bernardino

State: CA

Expiration Date: September 30, 2026

CMCI Number: 5798

PROFESSIONAL ENGINEERS – ARDURRA



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 55453

NAME: D'EMILIA, DINO P

LICENSE TYPE: CIVIL ENGINEER

LICENSE STATUS: CLEAR

ADDRESS

5106 STEVEANN STREET
TORRANCE CA 90503
LOS ANGELES COUNTY

[MAP](#)

ISSUANCE DATE

JULY 26, 1995

EXPIRATION DATE

DECEMBER 31, 2026

CURRENT DATE / TIME

JUNE 13, 2025
10:50:6 AM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 49335

NAME: LEWIS, MARK BRADLEY

LICENSE TYPE: CIVIL ENGINEER

LICENSE STATUS: CLEAR

ADDRESS

459 HOLLY STREET
LAGUNA BEACH CA 92651
ORANGE COUNTY

[MAP](#)

ISSUANCE DATE

JUNE 26, 1992

EXPIRATION DATE

SEPTEMBER 30, 2026

CURRENT DATE / TIME

JUNE 13, 2025
10:52:11 AM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 1637

NAME: LEWIS, MARK BRADLEY

LICENSE TYPE: TRAFFIC ENGINEERS

LICENSE STATUS: CLEAR

ADDRESS

459 HOLLY STREET
LAGUNA BEACH CA 92651
ORANGE COUNTY

[MAP](#)

ISSUANCE DATE

APRIL 17, 1992

EXPIRATION DATE

SEPTEMBER 30, 2026

CURRENT DATE / TIME

JUNE 13, 2025
11:10:26 AM

PROFESSIONAL ENGINEERS – ARDURRA (cont'd)



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 43607

NAME: DEBOW, DEBORAH MURPHY
LICENSE TYPE: CIVIL ENGINEER
LICENSE STATUS: CLEAR

ADDRESS
6111 SHELLY DR
HUNTINGTON BEACH CA 92647
ORANGE COUNTY
[MAP](#)

ISSUANCE DATE
MAY 20, 1988
EXPIRATION DATE
DECEMBER 31, 2026
CURRENT DATE / TIME
JUNE 13, 2025
10:54:43 AM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 69316

NAME: KIM, TAE KUK
LICENSE TYPE: CIVIL ENGINEER
LICENSE STATUS: CLEAR

ADDRESS
101 TRITONE
IRVINE CA 92602
ORANGE COUNTY
[MAP](#)

ISSUANCE DATE
JANUARY 20, 2005
EXPIRATION DATE
JUNE 30, 2026
CURRENT DATE / TIME
JUNE 13, 2025
10:56:15 AM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 83184

NAME: STOAKLEY, JOSEPH MICHAEL
LICENSE TYPE: CIVIL ENGINEER
LICENSE STATUS: CLEAR

ADDRESS
4717 WHITE COURT
TORRANCE CA 90503
LOS ANGELES COUNTY
[MAP](#)

ISSUANCE DATE
DECEMBER 17, 2014
EXPIRATION DATE
MARCH 31, 2027
CURRENT DATE / TIME
JUNE 13, 2025
10:57:55 AM

PROFESSIONAL ENGINEERS – ARDURRA (cont'd)



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 63609

NAME: MOODY, JEFFREY SCOTT
LICENSE TYPE: CIVIL ENGINEER
LICENSE STATUS: CLEAR

ADDRESS
15502 INDIAN HEAD CT
RAJONA CA 92605
SAN DIEGO COUNTY
[MAP](#)

ISSUANCE DATE
JUNE 14, 2002
EXPIRATION DATE
SEPTEMBER 30, 2026
CURRENT DATE / TIME
JUNE 13, 2025
10:59:27 AM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 91561

NAME: ROSTAMIAN, ARASH
LICENSE TYPE: CIVIL ENGINEER
LICENSE STATUS: CLEAR

ADDRESS
22831 SUNROSE STREET
CORONA CA 92683
RIVERSIDE COUNTY
[MAP](#)

ISSUANCE DATE
APRIL 24, 2020
EXPIRATION DATE
SEPTEMBER 30, 2026
CURRENT DATE / TIME
JUNE 13, 2025
11:03:44 AM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 92115

NAME: FLANNIGAN, JAMES MICHAEL
LICENSE TYPE: CIVIL ENGINEER
LICENSE STATUS: CLEAR

ADDRESS
2013 GARNER STREET
LOMITA CA 90717
LOS ANGELES COUNTY
[MAP](#)

ISSUANCE DATE
DECEMBER 18, 2020
EXPIRATION DATE
MARCH 31, 2027
CURRENT DATE / TIME
JUNE 13, 2025
11:14:45 AM

PROFESSIONAL ENGINEERS – ARDURRA (cont'd)



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 65467

NAME: ADAMSON, SCOTT REGINALD
LICENSE TYPE: CIVIL ENGINEER
LICENSE STATUS: CLEAR

ADDRESS
1451 TARBOX ST
SAN DIEGO CA 92114
SAN DIEGO COUNTY
[MAP](#)

ISSUANCE DATE
JUNE 27, 2003
EXPIRATION DATE
SEPTEMBER 30, 2025
CURRENT DATE / TIME
JUNE 13, 2025
11:2:40 AM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 87905

NAME: FINDLAY, LUCAS
LICENSE TYPE: CIVIL ENGINEER
LICENSE STATUS: CLEAR

ADDRESS
10250 WATERIDGE CIR 208
SAN DIEGO CA 92121
SAN DIEGO COUNTY
[MAP](#)

ISSUANCE DATE
JUNE 15, 2017
EXPIRATION DATE
SEPTEMBER 30, 2025
CURRENT DATE / TIME
JUNE 13, 2025
11:3:42 AM

PROFESSIONAL ENGINEERS – ENTERRIS



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 64709

NAME: CASE, ANH LY

LICENSE TYPE: CIVIL ENGINEER

LICENSE STATUS: CLEAR

ADDRESS

5942 EDINGER STE 113 #168
HUNTINGTON BEACH CA 92649
ORANGE COUNTY

[MAP](#)

ISSUANCE DATE

JANUARY 23, 2003

EXPIRATION DATE

JUNE 30, 2027

CURRENT DATE / TIME

JUNE 13, 2025
11:7:9 AM



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

LICENSING DETAILS FOR: 68668

NAME: POSEY, MICHAEL DEAN

LICENSE TYPE: CIVIL ENGINEER

LICENSE STATUS: CLEAR

ADDRESS

13985 GILMORE ST.
LOS ANGELES CA 91401
LOS ANGELES COUNTY

[MAP](#)

ISSUANCE DATE

JUNE 24, 2005

EXPIRATION DATE

SEPTEMBER 30, 2025

CURRENT DATE / TIME

JUNE 13, 2025
11:6:8 AM

PROFESSIONAL ENGINEERS – GEO-ADVANTEC



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

ISSUANCE DATE
APRIL 8, 1993
EXPIRATION DATE
NOVEMBER 30, 2025
CURRENT DATE / TIME
JUNE 13, 2025
11:25:32 AM

LICENSING DETAILS FOR: 1841

NAME: HANSON, RONALD C
LICENSE TYPE: ENGINEERING GEOLOGIST
LICENSE STATUS: CLEAR

ADDRESS
505 E COMSTOCK AVE
GLENORA CA 91741
LOS ANGELES COUNTY
[MAP](#)



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

ISSUANCE DATE
APRIL 30, 1991
EXPIRATION DATE
NOVEMBER 30, 2025
CURRENT DATE / TIME
JUNE 13, 2025
11:27:15 AM

LICENSING DETAILS FOR: 5143

NAME: HANSON, RONALD C
LICENSE TYPE: GEOLOGIST
LICENSE STATUS: CLEAR
LICENSE OR REGISTRATION CLASS: EG

ADDRESS
505 E COMSTOCK AVE
GLENORA CA 91741
LOS ANGELES COUNTY
[MAP](#)

CERTIFICATIONS – GEO-ADVANTEC

Page 1 of 1

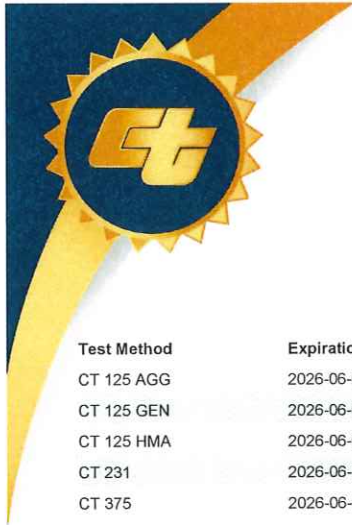
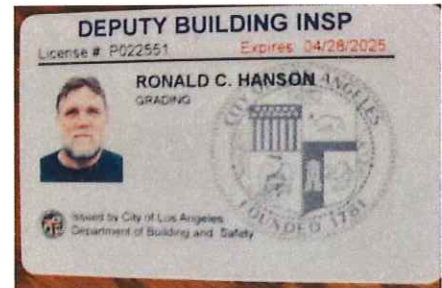


City of Los Angeles
Department of Building and Safety

NAME	LICENSE NO	LICENSE TYPE	EXPIRATION DATE
HANSON, RONALD C. GLEN DORA, CA 91741 Phone: (818) 216-2131	P022551	GRADING	04/28/2028



CERTIFICATIONS – GEO-ADVANTEC



SIAD TL-0111: CT CERTIFICATION

CALIFORNIA DEPARTMENT OF TRANSPORTATION

Presents this CERTIFICATE to

Ronald Hanson

who is certified to perform the following tests:

Test Method	Expiration Date	IA Responsible	Associated Laboratory
CT 125 AGG	2026-06-09	Rabiul Hyder	(No lab)
CT 125 GEN	2026-06-09	Rabiul Hyder	Lab 1
CT 125 HMA	2026-06-09	Rabiul Hyder	(No lab)
CT 231	2026-06-19	Jay Horton	Lab 1
CT 375	2026-06-19	Jay Horton	Lab 1

Lab 1: Geo-Advantec, Incorporated, 457 West Allen Avenue, Suite 113, San Dimas

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

Jay Horton *IA 15B*
 Certified Independent Assurance (IA)
 Date issued: 07/09/2024
 Technician ID: 01722

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

Please verify technician certifications by visiting the SIAD website at <https://sia.dot.ca.gov/>

Page 1/1

CERTIFICATIONS – GEO-ADVANTEC

Verify A Certification

SEARCH RESULTS

Certification ID: 1124003

Your search returned 6 records.

John R Cromer
ACI Aggregate Base Testing Technician
 Expires: April 17, 2029
 Rancho Cucamong, CA 91701 United States

John R Cromer
ACI Concrete Laboratory Testing Technician - Level 1
 Expires: November 01, 2026
 Rancho Cucamong, CA 91701 United States

John R Cromer
ACI Aggregate Testing Technician - Level 1
 Expires: November 01, 2026
 Rancho Cucamong, CA 91701 United States

John R Cromer
ACI Concrete Field Testing Technician – Grade I
 Expires: March 15, 2029
 Rancho Cucamong, CA 91701 United States

John R Cromer
ACI Concrete Strength Testing Technician
 Expires: June 14, 2029
 Rancho Cucamong, CA 91701 United States

John R Cromer
ACI Masonry Laboratory Testing Technician
 Expires: September 20, 2026
 Rancho Cucamong, CA 91701 United States



Verify

Verified Candidate



Search Again

Customer Name:

Account Number:

John Cromer

8025182

Certifications:

Initial Certification	Current Expiration	Certificate Name
04/06/2013	04/06/2028	Soils Special Inspector

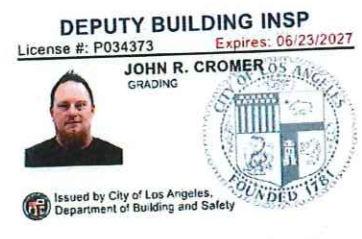
ASTM Soil Laboratory Technician

ISSUED TO

John Cromer



Issued on: 16 MAR 2023 | Expires on: 16 MAR 2028 | Issued by: ASTM International
 Verify: <https://www.credly.com/go/q6qrP2zQ>



CERTIFICATIONS – GEO-ADVANTEC



ASTM INTERNATIONAL
Helping our world work better

160 Barr Harbor Drive
PO Box C700
West Conshohocken, PA
19428-2959 USA

credentialing@astm.org
tel +1 610 832 9506
fax +1 610 832 9555
www.astm.org

03/16/2023

RE: ASTM Construction Materials Testing Technician Program – Soil Laboratory Technician (SOIL)

Dear JOHN CROMER

Thank you for your interest in becoming certified through the ASTM Construction Materials Testing Technician Program for Soil Laboratory Technician. This serves as notice that you have successfully passed the written examination and provided satisfactory evidence of completion of performance evaluations.

The Soil Laboratory Technician program requires successful demonstration of competency for the following standards:

D1140
D2216
D4318
D698
D1557
D6938

You will receive a separate notification to claim your digital badge through the Credly digital badging platform.

If you have any questions about this notice, please contact ASTM at credentialing@astm.org.

Sincerely,

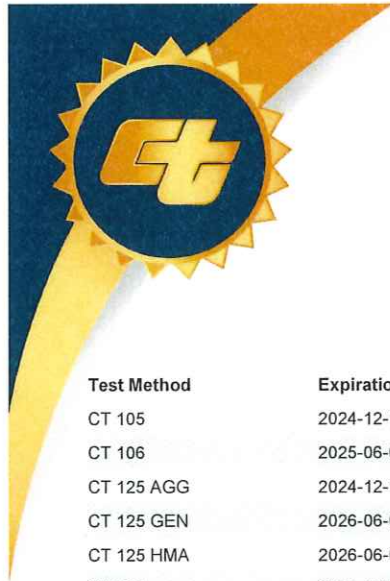
ASTM Certification Team



CERTIFICATIONS – GEO-ADVANTEC



CERTIFICATIONS – GEO-ADVANTEC



SIAD TL-0111: CERTIFICATION

**CALIFORNIA DEPARTMENT
OF TRANSPORTATION**

Presents this CERTIFICATE to

John Cromer

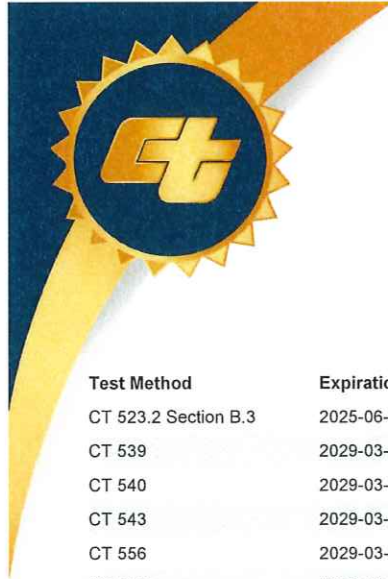
who is certified to perform the following tests:

Test Method	Expiration Date	IA Responsible	Associated Laboratory
CT 105	2024-12-17	Sarbjit Grewal	Lab 1
CT 106	2025-06-09	Rabiul Hyder	Lab 1
CT 125 AGG	2024-12-17	Sarbjit Grewal	Lab 1
CT 125 GEN	2026-06-09	Rabiul Hyder	Lab 1
CT 125 HMA	2026-06-09	Rabiul Hyder	(No lab)
CT 201	2024-12-17	Sarbjit Grewal	Lab 1
CT 202	2024-12-17	Sarbjit Grewal	Lab 1
CT 204	2025-06-09	Rabiul Hyder	Lab 1
CT 205	2024-12-17	Sarbjit Grewal	Lab 1
CT 216	2024-12-17	Sarbjit Grewal	Lab 1
CT 217	2024-12-17	Sarbjit Grewal	Lab 1
CT 226	2024-12-17	Sarbjit Grewal	Lab 1
CT 227	2024-12-17	Sarbjit Grewal	Lab 1
CT 229	2024-12-17	Sarbjit Grewal	Lab 1
CT 231	2025-06-19	Jay Horton	Lab 1
CT 308	2025-06-09	Rabiul Hyder	Lab 1
CT 309	2026-09-26	Jay Horton	Lab 1
CT 375	2026-09-26	Jay Horton	Lab 1
CT 382	2026-09-26	Jay Horton	Lab 1
CT 504	2029-03-15	Brian Ellis	Lab 1
CT 518	2029-03-15	Brian Ellis	Lab 1
CT 521.2	2025-06-09	Seree Yenjai	Lab 1
CT 521.1	2025-06-09	Seree Yenjai	Lab 1
CT 523.1 Section B.1 & B.2	2029-03-15	Brian Ellis	Lab 1

Jay Horton *IA 158*
 Certified Independent Assurance (IA)
 Date issued: 10/01/2024
 Technician ID: 01723

Note: This certificate is valid as long as the Technician complies with applicable requirements in Caltrans Independent Assurance Program Manual.
 Page 1/2

CERTIFICATIONS – GEO-ADVANTEC



SIAD TL-0111: CERTIFICATION

**CALIFORNIA DEPARTMENT
OF TRANSPORTATION**

Presents this CERTIFICATE to

John Cromer

who is certified to perform the following tests:

Test Method	Expiration Date	IA Responsible	Associated Laboratory
CT 523.2 Section B.3	2025-06-19	Jay Horton	Lab 1
CT 539	2029-03-15	Brian Ellis	Lab 1
CT 540	2029-03-15	Brian Ellis	Lab 1
CT 543	2029-03-15	Brian Ellis	Lab 1
CT 556	2029-03-15	Brian Ellis	Lab 1
CT 557	2029-03-15	Brian Ellis	Lab 1
CT 643	2026-09-26	Jay Horton	Lab 1

Lab 1: Geo-Advantec, Incorporated, 457 West Allen Avenue, Suite 113, San Dimas

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

Jay Horton

IA 158

Certified Independent Assurance (IA)

Date issued: 10/01/2024

Technician ID: 01723

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

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CERTIFICATIONS – GEO-ADVANTEC



SIAD TL-0111: CERTIFICATION

**CALIFORNIA DEPARTMENT
OF TRANSPORTATION**

Presents this CERTIFICATE to

John Cromer

who is certified to perform the following tests:

Test Method	Expiration Date	IA Responsible	Associated Laboratory
CT 105	2027-11-22	Sarmad Dalal	Lab 1
CT 125 AGG	2027-11-22	Sarmad Dalal	Lab 1
CT 201	2027-11-22	Sarmad Dalal	Lab 1
CT 202	2027-11-22	Sarmad Dalal	Lab 1
CT 205	2027-11-22	Sarmad Dalal	Lab 1
CT 216	2027-11-22	Sarmad Dalal	Lab 1
CT 217	2027-11-22	Sarmad Dalal	Lab 1
CT 226	2027-11-22	Sarmad Dalal	Lab 1
CT 227	2027-11-22	Sarmad Dalal	Lab 1
CT 229	2027-11-22	Sarmad Dalal	Lab 1

Lab 1: Geo-Advantec, Incorporated, 457 West Allen Avenue, Suite 113, San Dimas

Sarmad Dalal IA# 160

Certified Independent Assurance (IA)

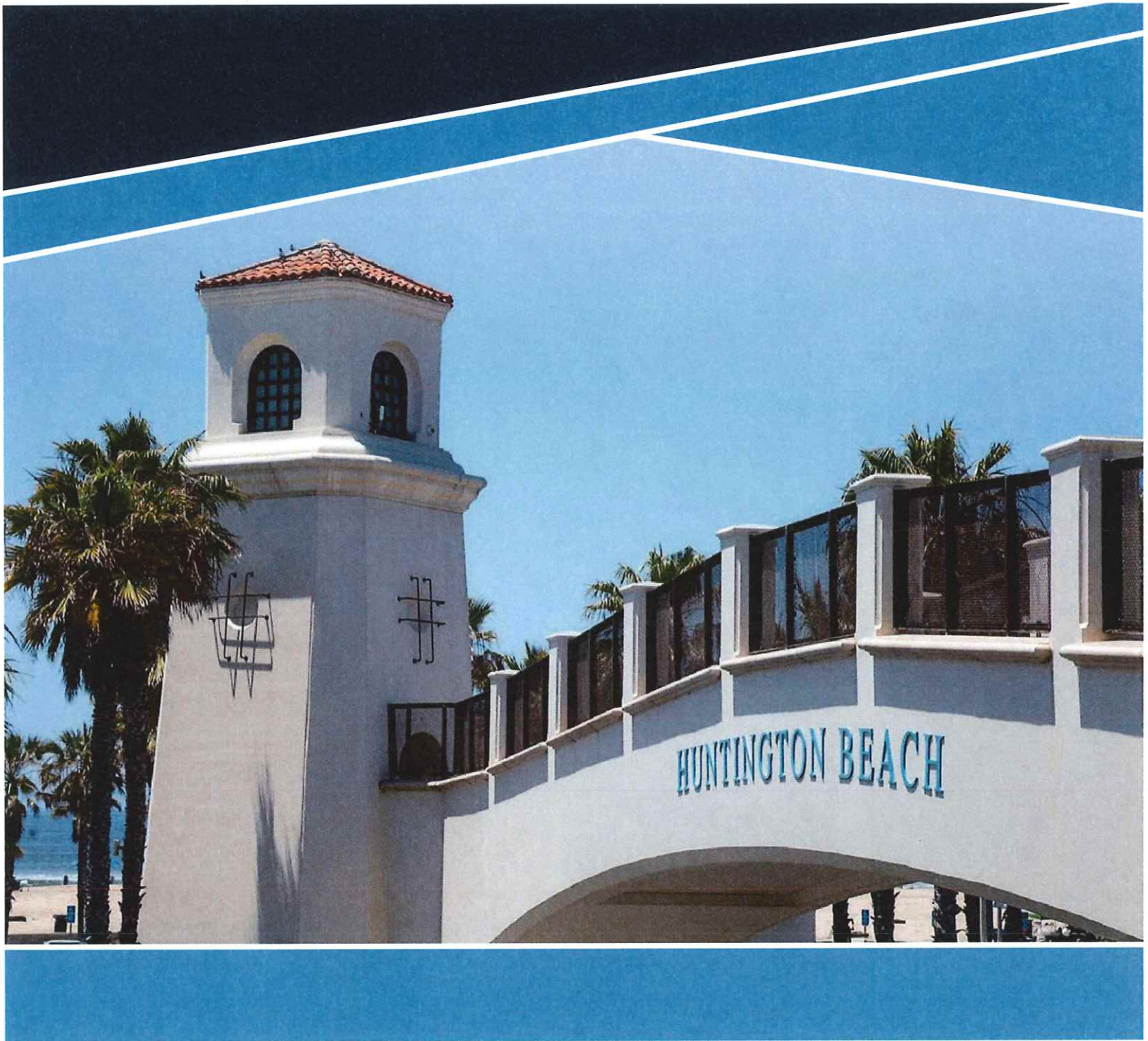
Date issued: 11/26/2024

Technician ID: 01723

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

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3737 Birch Street, Suite 250 | Newport Beach, CA 92660 | 949.428.1500 | www.ardurra.com

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.

JUNE 13, 2025



CITY OF HUNTINGTON BEACH | PUBLIC WORKS DEPARTMENT

PROPOSAL TO PROVIDE
**ON-CALL CONSTRUCTION MANAGEMENT,
MATERIALS TESTING, AND INSPECTION SERVICES**

EXHIBIT B



June 13, 2025

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

SUBJECT: RATE SHEET – ON-CALL CONSTRUCTION MANAGEMENT, MATERIALS TESTING, AND INSPECTION SERVICES

Dear Selection Committee Members:

Enclosed is Ardurra Group, Inc.'s rate sheet with locked rates for four years in support of the City of Huntington Beach's On-Call Construction Management, Materials Testing, and Inspection Services. Also attached are rate sheets for our subconsultants, Geo-Advantec, Inc., Enterris Associates, and Twining, Inc.

We look forward to serving the City of Huntington Beach on this on-call contract. As Ardurra's authorized representative, please contact me at 714.458.0703 or ddemilia@ardurra.com, or our Project Manager Omar Alameddine at 310.359.1203 or oalameddine@ardurra.com, should you have any questions or need further information.

Respectfully submitted,

Ardurra Group, Inc.

Dino D'Emilia, PE, F.ASCE, QSD
Southwest Program & Construction Management,
Public Works & Transportation Practice Director



ARDURRA GROUP, INC.
City of Huntington Beach On-Call Construction Management,
Materials Testing, and Inspection Services
Rates effective through end of first year of Contract Term

PROJECT/CONSTRUCTION MANAGEMENT & INSPECTION SERVICES

STAFF	REGULAR TIME	OVERTIME		
	RATE ¹	MON – FRI ²	SAT ²	SUN/HOLIDAY ²
Principal	\$350	–	–	–
Principal Program/Project/Construction Manager	\$308	–	–	–
Project Executive / QA/QC Manager	\$308	–	–	–
Senior Program Manager	\$297	–	–	–
Program Manager	\$281	–	–	–
Senior Project Manager	\$276	–	–	–
Project Manager	\$244	–	–	–
Assistant Project Manager	\$191	–	–	–
Structures Representative	\$287	–	–	–
Senior Construction Manager	\$278	–	–	–
Construction Manager	\$247	–	–	–
Senior Resident Engineer	\$276	–	–	–
Resident Engineer	\$230	–	–	–
Assistant Construction Manager/Resident Engineer	\$191	–	–	–
Project Controls/Labor Compliance Officer	\$182	–	–	–
Project Controls/Labor Compliance Staff	\$158	–	–	–
Documents Control, Administration Staff, Labor Compliance Analyst	\$145	–	–	–
Project Accountant	\$146	–	–	–
PE Licensed Inspector (Prevailing and Non-Prevailing Wage) ^{3, 5, 6}	\$228	\$319	\$319	\$411
PE Licensed Inspector (Prevailing and Non-Prevailing Wage - Special Shift) ^{3, 4, 5, 6}	\$233	\$327	\$327	\$420
Public Works Inspector (Prevailing Wage) ^{3, 5, 6}	\$212	\$297	\$297	\$382
Public Works Inspector (Prevailing Wage - Special Shift) ^{3, 4, 5, 6}	\$225	\$315	\$315	\$405
DSA/OSHPD Inspector of Record ⁶	\$249	\$349	\$349	\$449
Deputy Inspection (Prevailing Wage) ^{3, 5, 6}	\$207	\$290	\$290	\$372
NDT Testing (Prevailing Wage) ^{3, 5, 6}	\$207	\$290	\$290	\$372
Public Works Inspector (Non-Prevailing Wage) ⁵	\$192	\$269	\$269	\$345



ARDURRA GROUP, INC.
City of Huntington Beach On-Call Construction Management,
Materials Testing, and Inspection Services
Rates effective through end of second year of Contract Term
Includes 3% Escalation over Prior Year's Rates

PROJECT/CONSTRUCTION MANAGEMENT & INSPECTION SERVICES

STAFF	REGULAR TIME	OVERTIME		
	RATE ¹	MON – FRI ²	SAT ²	SUN/HOLIDAY ²
Principal	\$361	–	–	–
Principal Program/Project/Construction Manager	\$317	–	–	–
Project Executive / QA/QC Manager	\$317	–	–	–
Senior Program Manager	\$306	–	–	–
Program Manager	\$290	–	–	–
Senior Project Manager	\$284	–	–	–
Project Manager	\$251	–	–	–
Assistant Project Manager	\$197	–	–	–
Structures Representative	\$295	–	–	–
Senior Construction Manager	\$287	–	–	–
Construction Manager	\$254	–	–	–
Senior Resident Engineer	\$284	–	–	–
Resident Engineer	\$236	–	–	–
Assistant Construction Manager/Resident Engineer	\$197	–	–	–
Project Controls/Labor Compliance Officer	\$188	–	–	–
Project Controls/Labor Compliance Staff	\$163	–	–	–
Documents Control, Administration Staff, Labor Compliance Analyst	\$149	–	–	–
Project Accountant	\$150	–	–	–
PE Licensed Inspector (Prevailing and Non-Prevailing Wage) ^{3, 5, 6}	\$235	\$329	\$329	\$423
PE Licensed Inspector (Prevailing and Non-Prevailing Wage - Special Shift) ^{3, 4, 5, 6}	\$240	\$337	\$337	\$433
Public Works Inspector (Prevailing Wage) ^{3, 5, 6}	\$219	\$306	\$306	\$393
Public Works Inspector (Prevailing Wage - Special Shift) ^{3, 4, 5, 6}	\$232	\$324	\$324	\$417
DSA/OSHPD Inspector of Record ⁶	\$257	\$359	\$359	\$462
Deputy Inspection (Prevailing Wage) ^{3, 5, 6}	\$213	\$298	\$298	\$383
NDT Testing (Prevailing Wage) ^{3, 5, 6}	\$213	\$298	\$298	\$383
Public Works Inspector (Non-Prevailing Wage) ⁵	\$198	\$277	\$277	\$356



ARDURRA GROUP, INC.
City of Huntington Beach On-Call Construction Management,
Materials Testing, and Inspection Services
Rates effective through end of third year of Contract Term
Includes 3% Escalation over Prior Year's Rates

PROJECT/CONSTRUCTION MANAGEMENT & INSPECTION SERVICES

STAFF	REGULAR TIME	OVERTIME		
	RATE ¹	MON – FRI ²	SAT ²	SUN/HOLIDAY ²
Principal	\$371	–	–	–
Principal Program/Project/Construction Manager	\$326	–	–	–
Project Executive / QA/QC Manager	\$326	–	–	–
Senior Program Manager	\$315	–	–	–
Program Manager	\$298	–	–	–
Senior Project Manager	\$292	–	–	–
Project Manager	\$259	–	–	–
Assistant Project Manager	\$202	–	–	–
Structures Representative	\$304	–	–	–
Senior Construction Manager	\$295	–	–	–
Construction Manager	\$262	–	–	–
Senior Resident Engineer	\$292	–	–	–
Resident Engineer	\$243	–	–	–
Assistant Construction Manager/Resident Engineer	\$202	–	–	–
Project Controls/Labor Compliance Officer	\$193	–	–	–
Project Controls/Labor Compliance Staff	\$168	–	–	–
Documents Control, Administration Staff, Labor Compliance Analyst	\$154	–	–	–
Project Accountant	\$154	–	–	–
PE Licensed Inspector (Prevailing and Non-Prevailing Wage) ^{3, 5, 6}	\$242	\$338	\$338	\$435
PE Licensed Inspector (Prevailing and Non-Prevailing Wage - Special Shift) ^{3, 4, 5, 6}	\$247	\$346	\$346	\$445
Public Works Inspector (Prevailing Wage) ^{3, 5, 6}	\$225	\$315	\$315	\$405
Public Works Inspector (Prevailing Wage - Special Shift) ^{3, 4, 5, 6}	\$238	\$334	\$334	\$429
DSA/OSHPD Inspector of Record ⁶	\$264	\$370	\$370	\$476
Deputy Inspection (Prevailing Wage) ^{3, 5, 6}	\$219	\$307	\$307	\$395
NDT Testing (Prevailing Wage) ^{3, 5, 6}	\$219	\$307	\$307	\$395
Public Works Inspector (Non-Prevailing Wage) ⁵	\$203	\$285	\$285	\$366



ARDURRA GROUP, INC.
City of Huntington Beach On-Call Construction Management,
Materials Testing, and Inspection Services
Rates effective through end of fourth year of Contract Term
Includes 3% Escalation over Prior Year's Rates

PROJECT/CONSTRUCTION MANAGEMENT & INSPECTION SERVICES

STAFF	REGULAR TIME	OVERTIME		
	RATE ¹	MON – FRI ²	SAT ²	SUN/HOLIDAY ²
Principal	\$382	–	–	–
Principal Program/Project/Construction Manager	\$335	–	–	–
Project Executive / QA/QC Manager	\$335	–	–	–
Senior Program Manager	\$324	–	–	–
Program Manager	\$307	–	–	–
Senior Project Manager	\$301	–	–	–
Project Manager	\$266	–	–	–
Assistant Project Manager	\$208	–	–	–
Structures Representative	\$312	–	–	–
Senior Construction Manager	\$304	–	–	–
Construction Manager	\$269	–	–	–
Senior Resident Engineer	\$301	–	–	–
Resident Engineer	\$250	–	–	–
Assistant Construction Manager/Resident Engineer	\$208	–	–	–
Project Controls/Labor Compliance Officer	\$198	–	–	–
Project Controls/Labor Compliance Staff	\$172	–	–	–
Documents Control, Administration Staff, Labor Compliance Analyst	\$158	–	–	–
Project Accountant	\$159	–	–	–
PE Licensed Inspector (Prevailing and Non-Prevailing Wage) ^{3, 5, 6}	\$249	\$348	\$348	\$447
PE Licensed Inspector (Prevailing and Non-Prevailing Wage - Special Shift) ^{3, 4, 5, 6}	\$254	\$356	\$356	\$458
Public Works Inspector (Prevailing Wage) ^{3, 5, 6}	\$231	\$324	\$324	\$416
Public Works Inspector (Prevailing Wage - Special Shift) ^{3, 4, 5, 6}	\$245	\$343	\$343	\$441
DSA/OSHPD Inspector of Record ⁶	\$272	\$380	\$380	\$489
Deputy Inspection (Prevailing Wage) ^{3, 5, 6}	\$225	\$316	\$316	\$406
NDT Testing (Prevailing Wage) ^{3, 5, 6}	\$225	\$316	\$316	\$406
Public Works Inspector (Non-Prevailing Wage) ⁵	\$209	\$293	\$293	\$377



ARDURRA GROUP, INC.
**City of Huntington Beach On-Call Construction Management,
 Materials Testing, and Inspection Services**

NOTES AND ASSUMPTIONS

- 1 The above hourly rates include wages, fringe and general and administrative overhead and fee, as well as typical supplies, tools and equipment required to perform services. Construction management software is not included in the base rate.
- 2 Rate applies to the first four hours of overtime during the week and/or first eight hours of overtime on Saturdays; all overtime in excess of four hours during the week or eight hours on Saturdays is paid at the Sunday/holiday rate.
- 3 Prevailing Wage Rates are subject to increases pursuant to the State of California's Department of Industrial Relations Wage Rate Determinations. Related rates for Prevailing Wage covered classifications include an assumed \$5.00 per year increase in covered class compensation. The current rates are based on Determination SD-23-63-2-2024-1D, issued 8/22/2024.
- 4 A Special Shift is any shift that starts after 5:00 PM and before 6:00 AM.
- 5 The following minimum callout applies to inspection staff, in accordance with Industrial Welfare Commission Order #16-2001:
 - Cancellation of 8 hours scheduled inspection after inspector's arrival on site: 4-hour minimum
 - Cancellation of 4 hours scheduled inspection after inspector's arrival on site: 2-hour minimum
- 6 For contracts involving public works inspection services, Ardurra requires the awarding public agency to complete DIR form PWC-100 solely for Ardurra as the prime contractor specific to the awarded contract name and amount. A half-hour per week, per inspector labor compliance charge will be billed for all Prevailing Wage inspection assignments.
- 7 Any Accessibility Expert/CASp Inspector service assignments shall be a 4-hour minimum.

Reimbursable Expenses (Other Direct Costs): Ordinary identifiable non-salary costs that are directly attributable to the project, such as regular commuter travel costs, standard equipment, tools and software, etc., are included in the fee estimated above. Extraordinary expenses, such as oversized and/or color reproduction costs, vehicle identification decals, site facility hard phone line and/or internet service charges, non-commuter project miles and/or other travel expenses to remote (over 50 miles one-way) fabrication yards/batch plants, overnight postage/couriers, etc., are billed at actual cost plus fifteen percent (15%) to cover overhead and administration. Travel charges to a casting/fabrication yard or batch plant will include the hourly billing rate plus travel expenses as listed in the Caltrans Travel Guide (State rates). Mileage is billed at the current IRS rate (currently \$0.70/mile). An allowance for extraordinary charges is included as Other Direct Costs (ODC) in the fee table above. Extraordinary charges above and beyond the estimated ODC allowance will not be billed to the Client unless specifically included in the contract or requested and approved by the Client in writing prior to incurring the additional expense..

Fees for Subconsultant Services: Billed at actual cost, plus 10 percent (10%) to cover overhead and administration.

Web-Based Contract Administration: Selected/specified cloud-based service billed at cost plus ten percent (10%).

Escalation: As indicated in above rate schedules. Rates beyond the initial 4-year term are subject to adjustment based on experienced regional escalation factors.

Drone Photography: \$300 per flight, plus labor.

Exclusions to Scope and Fee: The following items are specifically excluded:

- Legal advice
- Specialized software (other than MS Office Suite and MS Project)
- Services not specifically enumerated in the accompanying proposal

SUBCONSULTANT RATE SHEETS





ENGINEERING SERVICES		
ENGINEERING AND PROFESSIONAL SERVICES		
Principal Geotechnical Engineer/Principal Engineering Geologist	\$ 275.00	Per Hour
Senior Hydrogeologist	\$ 275.00	Per Hour
Senior Geotechnical Engineer/ Senior Engineering Geologist/Senior Registered Engineer	\$ 200.00	Per Hour
Registered Civil Engineer	\$ 200.00	Per Hour
Project Manager	\$ 150.00	Per Hour
Senior Field Engineer	\$ 175.00	Per Hour
Staff Engineer/Staff Geologist/Field Engineer	\$ 150.00	Per Hour
Laboratory Manager	\$ 125.00	Per Hour
Administration	\$ 75.00	Per Hour
GIS Technician	\$ 150.00	Per Hour
Drafter/CAD Technician	\$ 90.00	Per Hour
Principal Geologist Forensic/Field and Office	\$ 350.00	Per Hour
Principal Geotechnical Engineer Forensic (Field and Office)	\$ 425.00	Per Hour
Senior Engineer Forensic (Field and Office)	\$ 300.00	Per Hour
Field Engineer Forensic	\$ 225.00	Per Hour
Principal Geotechnical Engineer and Geologist Expert Witness and Litigation Tasks	\$ 425.00	Per Hour
Senior Geotechnical Engineer/Senior Registered Engineer Expert Witness and Litigation Tasks	\$ 350.00	Per Hour
GEOTECHNICAL INVESTIGATIVE/PRE-CONSTRUCTION PHASE		
FIELD DRILLING AND TESTING		
*Field Testing/Sampling Helper (Technician - Prevailing Wage)	\$ 150.00	Per Hour
*Surcharge of \$10 per/hr. for projects under PLA/CWA agreements		
Drilling – Hollow Stem Auger (6-8" diameter) (subject to adjustment)	\$ 7075.00	Per Day
Drilling – Mud Rotary Wash Drilling (subject to adjustment)	\$ 7675.00	Per Day
Drilling – Cone Penetration Test (subject to adjustment)	\$ 8250.00	Per Day
Coring- Pavement (Crew + Equipment, including rapid set concrete or cold AC patching)	\$ 300.00	Each Core
Saw-Cut – R-value Sampling (Crew + Equipment, including rapid set concrete or cold AC patching)	\$ 425.00	Each Location
Sample Pickup (truck + driver, within a 50-mile radius from GAI's office)	\$ 175.00	Per Round
GPR Survey	\$ 4125.00	Per Day
Percolation Test (Falling Head Method - Max. depth 15') (Min. 2 tests, \$10,600)	\$ 5300.00	Per Test
INSPECTION SERVICES		
GEOTECHNICAL MONITORING		
DURING CONSTRUCTION TESTING AND INSPECTION SERVICES		
*Soil Technician / Field Engineer (Prevailing Wage)	\$ 150.00	Per Hour
*Surcharge of \$10 per/hr. for projects under PLA/CWA agreements		
Soils/Materials Inspector (Regular Wage)	\$ 100.00	Per Hour
Technician / Field Engineer – Pile and Tieback Monitoring & Inspection	\$ 150.00	Per Hour
Deputy Grading Inspector (City of LA)	\$ 175.00	Per Hour
Nuclear Gauge Equipment	\$ 80.00	Per Day
MATERIALS SPECIAL INSPECTION		
*Inspector/Concrete, Batch Plant Inspection	\$ 150.00	Per Hour
*Inspector/Masonry	\$ 150.00	Per Hour
*Inspector/Welding/Steel/Tagging & Sampling	\$ 150.00	Per Hour
*Inspector/Post-Tension	\$ 150.00	Per Hour
*Inspector/Fireproofing	\$ 150.00	Per Hour
*Inspector/UT	\$ 175.00	Per Hour
*Inspector/Pull Test	\$ 175.00	Per Hour
*Surcharge of \$10 per/hr. for projects under PLA/CWA agreements		
Per Diem Shop Inspection (if the shop is more than 50 miles from the project site)	\$ TBD	
REPORTS		



Soils (Geotechnical/Geohazard Evaluation) Report		Varies - Lump Sum
DSA-293 Report	\$ 875.00	Ea. Cert.
DSA-291 Report	\$ 875.00	Ea. Cert.
Final Grading / Compaction Report (Comprehensive-Minimum)	\$ 3550.00	Each
Pad Certificate Report/Letter	\$ 1775.00	Each
Utility Trench Compaction Report – (Length <4000 L.F.)	\$ 2950.00	Each
Wall Backfill Report	\$ 2950.00	Each
Monthly Interim In-Grading Report	\$ 1775.00	Each
Pile/Shoring Monitoring Report (Final)	\$ Quote	Each
Plan Review (Grading/ Foundation)	\$ 2950.00	Each
Materials Testing Final Verification Letter	\$ 1175.00	Each Project
Laboratory Report Review Letter (Stamped)	\$ 875.00	Each

LABORATORY TESTING

SOIL AND AGGREGATE CLASSIFICATION & PHYSICAL CHARACTERISTICS					
ID	ASTM	CTM			
T101	D2937	CT212	Unit Weight	\$ 35.00	Each
T102	D4829		Expansion Index	\$ 160.00	Each
T103	C117, D1140		Finer than #200 Wash	\$ 70.00	Each
T104	D422, C136	CT202	Sieve Analysis- Coarse & Fine Including wash	\$ 200.00	Each
T105	D422, C136	CT202	Sieve Analysis- Coarse Aggregate	\$ 155.00	Each
T106	D422, C136	CT202	Sieve Analysis- Fine Including Wash	\$ 175.00	Each
T107	D422	CT203	Particle-Size Distribution - Sieve Analysis + Hydrometer Combined	\$ 260.00	Each
T108	D422	CT203	Hydrometer Analysis only	\$ 175.00	Each
T109	D4318	CT204	Atterberg Limits LL, PL, & PI of Soils	\$ 160.00	Each
T110	D2435		Consolidation (without Time Rate)	\$ 245.00	Each
T111	D2419	CT217	Sand Equivalent Value of Soil and Fine Aggregate (Set of Three)	\$ 145.00	Each Set
T112	C127	CT206	Specific Gravity and Absorption (Coarse Aggregate)	\$ 115.00	Each
T113	C127	CT206	Absorption Only, Coarse Aggregate	\$ 85.00	Each
T114	C128	CT207	Specific Gravity and Absorption (Fine Aggregate)	\$ 205.00	Each
T115	C128	CT207	Absorption Only, Fine Aggregate	\$ 115.00	Each
T116	AASHTO T100	CT209	Specific Gravity (Soil) by Hydrometer (Water Pycnometer)	\$ 185.00	Each
T117	D2216	CT226	Water Moisture Content	\$ 35.00	Each
T118	D3080		Direct Shear (3 Points)	\$ 345.00	Each
T119	D3080		Direct Shear Remolded sample (3 points)	\$ 390.00	Each
T120	D1557-A, B		Maximum Density 4 in. Mold Passing No.4 or 3/8 in. Sieve	\$ 200.00	Each
T121	D1557-C		Maximum Density 6 in. Mold Passing 3/4 in. Sieve	\$ 215.00	Each
T122	D2166	CT221	Unconfined Compressive Strength of Cohesive Soil	\$ 185.00	Each
T123	D2844	CT301	R-Value, Untreated Material (3 Points)	\$ 375.00	Each
T124	D2844	CT301	R-Value, Treated Material	\$ 400.00	Each
SOIL AND AGGREGATE					



CLASSIFICATION & PHYSICAL CHARACTERISTICS					
ID	ASTM	CTM			
T125	D4791	CT235	Flat and Elongated Particles	\$ 290.00	Each
T126	D3744	CT229	Durability Index (fine and coarse) in Aggregate	\$ 290.00	Each
T127	D3744	CT229	Durability Index (fine or coarse) in Aggregate	\$ 185.00	Each
T128	C142		Clay Lumps and Friable Particles in Aggregate	\$ 175.00	Each
T129	C40	CT213	Organic Impurities in Fine Aggregates for Concrete	\$ 100.00	Each
T130	D5821	CT205	Percentage of Crushed Particles	\$ 205.00	Each
T131	C131	CT211	Los Angeles Rattler Test, (Abrasion up to 1-1/2")	\$ 345.00	Each
T132	C535	CT211	Los Angeles Rattler Test, (Abrasion Large-up to 2-1/2")	\$ 400.00	Each
T133	C88	CT214	Sodium/Magnesium Sulfate Soundness of Aggregate, 5-cycles	\$ 455.00	Each
T134		CT216	Relative Compaction of Soils & Aggregates using California Impact Apparatus	\$ 275.00	Each
T135		CT227	Cleanness Value of Coarse Aggregate	\$ 260.00	Each
T136	D558		Moisture-Density Relations of Soil-Cement Mixtures	\$ 200.00	Each
T137	D1633-A		Compressive Strength of Molded Soil-Cement Cylinders using 4 in. Mold	\$ 75.00	Each
T138	D4546		One-Dimensional Swell or Collapse of Soils	\$ 175.00	Each
T139			Shelby Tube Cutting, Remolding or Trimming Specimens for testing	\$ 35.00	Each
T140	D1883		California Bearing Ratio, Maximum Density test separate charge	\$ Quote	Each
T141	D2435		Consolidation (with time rate for 2 loads)	\$ 320.00	Each
T142	AASHTO	CT234	Fine Aggregate Angularity	\$ 255.00	Each
T143	D2850		Unconsolidated-Undrained Triaxial Compression	\$ 190.00	Each
CHEMICAL PROPERTIES OF SOILS					
ID		CTM			
T190		CT643	Resistivity	\$ 85.00	Each
T191		CT643	pH	\$ 75.00	Each
T192		EPA 300.0	Sulfate Content	\$ 105.00	Each
T193		EPA 300.0	Chloride Content	\$ 105.00	Each
T194		CT643 EPA 300.0 EPA 300.0	Corrosivity Series	\$ 315.00	Each
CONCRETE					
ID	ASTM	CTM			
T201	C39	CT521	Compression Tests, 6x12 and/or 4x8 Cylinders, including Holds	\$ 45.00	Each
T202	C495		Compression, Lightweight Insulating Concrete	\$ 140.00	Each
T203	C42, C39		Concrete Cores Compression Test (excludes sampling)	\$ 90.00	Each
T204	C42		Drilling Cores from Shotcrete Panel (Lab)	\$ 145.00	Each
T205	C109	C515	Compression, 2"x2"x2" Cube Specimen	\$ 65.00	Each
T206	C496		Splitting Tensile Strength 6"x12" Cylinder	\$ 175.00	Each
CONCRETE					



ID	ASTM	CTM			
T207	C78	CT523	Flexural Strength Test (6"x6"x21" Beam)	\$ 175.00	Each
T208	C157		Drying Shrinkage (Set of 3 bars, 4 readings, up to 90-days)	\$ 550.00	Each set
T209	C39		Unit Weight of Concrete Cylinders	\$ 60.00	Each
T210			Review Existing Mix Design	\$ 115.00	Each
T211			Drilling Cores from Shotcrete Panel (Field)	\$ 230.00	Each
MATERIALS TESTING					
ID	ASTM	CTM	UBC		
T301	D2216		7-6	Fireproofing Density Test	\$ 90.00 Each
T302				Mechanically Spliced Reinforcing Tensile Test up to size No.11	\$ 370.00 Each
T303	A416			Pre-Stress Still Strand (7 wire)	\$ 400.00 Each
T304	A615, A706			Reinforcing Tensile or Bend Up to No.8	\$ 80.00 Each
T305	A615, A706			Reinforcing Tensile or Bend No.9 to 11	\$ 100.00 Each
T306	A615, A706			Reinforcing Tensile or Bend No.11 to 14	\$ 210.00 Each
T307	N/A			Welding Procedure Review	\$ 120.00 Each
T308	F606			Anchor Bolts, Studs, or Threaded Rods Tensile Test under 100,000 lbf	\$ 280.00 Each
T309	F606, F3125			Bolt A325 or A490 Wedge Tensile and Hardness up to 3/4"	\$ 170.00 Each
T310	F606, F3125			Bolt A325 or A490 Wedge Tensile up to 1-1/8" in diameter, and Hardness	\$ 260.00 Each
T311	F606, F3125			Bolt A325 or A490 Wedge Tensile up to 1-1/4" in diameter, and Hardness	\$ 260.00 Each
T312	F606, F3125			Bolt A325 or A490 Wedge Tensile up to 1-3/8" in diameter, and Hardness	\$ 260.00 Each
T313	F606, F3125			Bolt A325 or A490 Wedge Tensile up to 1-1/2" in diameter, and Hardness	\$ 300.00 Each
T314	F606, A194			Nut - Hardness and Proof Load under 100,000 lbf	\$ 70.00 Each
T315	F606, A194			Nut- Hardness and Proof Load Test 100,000-120,000 lbf	\$ 90.00 Each
T316	F436			Washer- Hardness	\$ 60.00 Each
HOT MIX ASPHALT TESTING					
ID	ASTM	CTM			
T401	D1561	CT304		Laboratory Test Maximum Density (LTMD), Hveem	\$ 320.00 Each
T402	D1560	CT304, CT366		Stabilometer Value	\$ 380.00 Each
T403		CT305		Stability - Swell	\$ Quote Each
T404		CT308		Specific Gravity & Density of Core	\$ 120.00 Each
T405	D2041	CT309		Theoretical Maximum Specific Gravity & Density (Rice)	\$ 280.00 Each
T406		CT370		Moisture Content by Microwave Oven	\$ 90.00 Each
T407	D5444	CT202		Sieve Analysis of Extracted Aggregate Sample	\$ 200.00 Each
T408	C136	CT202		Sieve Analysis of Bin Aggregate Sample, each	\$ 80.00 Each
T409	C136	CT202		Sieve Analysis of Combined Aggregate Sample	\$ 260.00 Each
T410	D6307	CT382		Asphalt Content by Ignition Oven (Bitumen Content)	\$ 280.00 Each
T411	D6307	CT382		Asphalt Content by Ignition Oven (Correction Factor)	\$ 400.00 Each
T412	D1188	CT308		Unit Weight – Coated, Molded Specimen or Cores	\$ 120.00 Each
HOT MIX ASPHALT TESTING					



ID	ASTM	CTM			
T413	D2726, D6926		Compacted Maximum Density – MARSHALL	\$ 280.00	Each
T414	D2172		Extraction, % Asphalt (Reflux) including wash and solvent charge	\$ 450.00	Each
T415	D2216	CT226	Emulsion Moisture Content by Oven	\$ 70.00	Each
T416	AASHTO T59	CT331	Residue by Evaporation	\$ 230.00	Each
T417	D3910		Wet Track Abrasion Test (WTAT)	\$ Quote	Each
MASONRY TESTING					
ID	ASTM	UBC			
T501	C140		Compression Test of CMU Block (gross)	\$ 115.00	Each
T502	C140		Absorption & Moisture Content	\$ 100.00	Each
T503	C426		Linear Shrinkage	\$ 285.00	Each
T504	C140		Unit Weight	\$ 105.00	Each
T505	C140		Dimensional Measurements	\$ 65.00	Each
T506	C140		Compression Test of Masonry Core	\$ 120.00	Each
T507	C39, C780	21-16	Compression Test of 2" x 4" Mortar Cylinder	\$ 70.00	Each
T508	C1314	21-17	Compression Test of Composite Prism	\$ 300.00	Each
T509	C1019	21-18	Compression Test of 3" x 3" x 6" Grout	\$ 105.00	Each
T510	CBC 2105A.4		Shear on Masonry Cores, 2 Faces, 4" or 6" Cores	\$ 195.00	Each
T511			Saw Cutting Coupons, or trimming from Masonry Unit	\$ 45.00	Each
T512			GPR Scanning for Reinforcement	\$ Quote	Each
T513			Masonry Wall Coring	\$ 330.00	Each
T514			Masonry Wall Coring above 5 feet from floor	\$ Quote	Each
T515	C482		Veneer Bond Strength Shear Test-Onsite	\$ Quote	Each

MINIMUM CHARGES FOR CONSTRUCTION PHASE INSPECTIONS

- All technicians and inspectors are based on a minimum of four (4) hours. Over four hours shall be a minimum of eight (8) hours for inspectors or technicians. If an inspector or technician is scheduled to perform a service, shows up at the project site, and no work is performed, a four-hour (4) charge will apply and be referred to as a show-up charge.

TRAVEL & MILEAGE

- No travel time and mileage costs for engineering staff and materials/special inspection personnel. Per the regulations of Department of Industrial Relations (DIR-Public Works Manual 2016), for soils technicians performing construction inspection and testing carrying a nuclear gauge device travel time will be charged at contractual rate, from GAI's closest office and for round trip drive time (Portal to Portal).
- For regular/non-prevailing jobs, a round-trip mileage cost equal to \$0.75 per mile, calculated from GAI's office to the project site, will be charged.
- The travel time and mileage fee may be subject to change per the negotiation with the client and written approval.

SCHEDULING & CANCELLATIONS

- A 24-hour notice is required when scheduling an inspection or technician. For same day scheduling and for after 3:00 pm the preceding day, the inspector/technician will be deployed to the site if a technician is available.

PREVAILING WAGE

- Our rates will increase proportionally every July 1 in accordance with the wage listed by the Department of Industrial Relations which is tied to Operating Engineers Local 12 documented annual increases plus



corresponding changes in our general administration and overhead expenses. These adjustments shall become agreed upon basis for charges by GAI to Client.

LABORATORY TESTING

- Material samples will be discarded after testing, unless notification by Client has been made to GAI's laboratory prior to testing. If Client requires samples be retrieved after testing or stored at GAI's laboratory for an extended duration of time, arrangements can be made at no additional cost to the client.

TERMS OF PAYMENT

- Invoices shall be deemed delinquent if not paid within thirty (30) days from date of invoice and will be subject to an additional charge of 1.5% of the unpaid balance for each month of delay. GAI reserves the right to terminate its services to Client without notice if all invoices are not paid currently. In case of service termination, the entire amount accrued for all services performed shall immediately become due and payable. Client waives any, and all claims against GAI, its subsidiaries, affiliates, servants, and agents, for termination of work pursuant to this paragraph.

RATE SCHEDULE

**Huntington Beach CM Oncall
Rate Sheet
Enterris Associates, Inc.**

Labor Category (Classification)	1st Year of Contract Term Hourly Rate*	2nd Year of Contract Term Hourly Rate**	3rd Year of Contract Term Hourly Rate**	4th Year of Contract Term Hourly Rate**	Overtime Hourly Rate	Other Direct Cost	Cost
Project Manager	\$338.00	\$348.14	\$358.58	\$369.34	N/A	Mileage	per GSA rates
Deputy Project Manager	\$278.00	\$286.34	\$294.93	\$303.78	N/A		
Construction Manager	\$338.00	\$348.14	\$358.58	\$369.34	N/A		
Deputy Construction Manager	\$278.00	\$286.34	\$294.93	\$303.78	N/A		
Senior Scheduler	\$227.00	\$233.81	\$240.82	\$248.05	N/A		
Scheduler	\$203.00	\$209.09	\$215.36	\$221.82	N/A		
Senior Inspector	\$230.00	\$236.90	\$244.01	\$251.33	N/A		
Inspector	\$195.00	\$200.85	\$206.88	\$213.08	N/A		

* Hourly Rates are determined by Enterris' Audited Overhead Rate and a 10% Fee.

** 2nd, 3rd and 4th Year Hourly Rates based on 3% yearly escalation based off of 1st Year of Contract Term



Schedule Of Fees 2025-2029

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

Personnel Rates: Per Hour Unless Otherwise Noted

Task Code	Engineering And Consulting Personnel	Rate
10026	Senior Principal Advisor/Consultant	\$ 411.00
10001	Principal Engineer/Geologist	\$ 294.00
10017	Metallurgical Engineer	\$ 411.00
70000	Registered Geotechnical Engineer	\$ 294.00
10010	Technical Advisor	\$ 272.00
10011	Material Scientist, Welding/NDT Consultant	\$ 289.00
70003	Registered Geologist/Certified Engineering Geologist	\$ 289.00
10003	Senior Engineer/Geologist	\$ 261.00
10009	Registered Civil Engineer	\$ 250.00
60003	Roofing/Waterproofing Consultant	\$ 278.00
10013	Project Engineer/Manager	\$ 244.00
30000	Quality Control Manager	\$ 244.00
10005	Senior Staff Engineer/Geologist	\$ 228.00
10007	Staff Engineer/Geologist	\$ 216.00
10015	Quality Control Administrator	\$ 216.00
10019	Metallurgical Technician	\$ 183.00
90001	CADD Operator/Draftsperson	\$ 167.00
95103	Administrative Support	\$ 109.00
70107	Field Supervisor	\$ 205.00
91030	Safety Supervisor	\$ 205.00
20000	Laboratory Manager	\$ 189.00
98000	Laboratory Technician	\$ 161.00
90005	Expert Witness Testimony	\$ 666.00
91010	Qualified SWPPP Developer	\$ 228.00
91000	Qualified SWPPP Practitioner	\$ 216.00
30001	Vibration Engineer	\$ 250.00

Task Code	Field Inspection Personnel	Rate
10101	Concrete/Reinforced Steel Inspector	\$ 149.00
10103	Prestressed/Post Tensioned Inspector	\$ 149.00
10105	Concrete ICC Inspector	\$ 149.00
10109	Drilled-In-Anchor Inspector	\$ 149.00
10111	Gunite/Shotcrete Inspector	\$ 149.00
10113	Masonry Inspector	\$ 149.00
10201	Structural Steel/Welding Inspector	\$ 149.00
10203	AWS Certified Welding Inspector	\$ 149.00
10207	Fireproofing Inspector	\$ 149.00
10501	Lead Inspector	\$ 152.00
10115	Firestop Special Inspector - IFC Premier	\$ 172.00
10117	Firestop Special Inspector - IQP	\$ 222.00
70109	L.A. Deputy Grading Inspector	\$ 161.00
75001	Asphalt Field and Plant Inspector/Technician	\$ 149.00
70103	Pile Driving Inspector	\$ 149.00
70101	Soils Technician	\$ 149.00
10107	Concrete Quality Control (ACI/Caltrans Technician)	\$ 149.00
10122	Wood Framing Inspector	\$ 149.00
60001	Roofing/Waterproofing Inspector	\$ 161.00
10500	Public Works Inspector	\$ 167.00
10515	Mechanical Inspector	\$ 178.00
10519	Electrical Inspector	\$ 178.00
10521	Plumbing Inspector	\$ 178.00
10523	Building Inspector	\$ 178.00
30002	Vibration Monitoring Technician	\$ 172.00
50003	Field Engineering Technician	\$ 149.00

Task Code	Shop Inspection Personnel	Rate
10301	Structural Steel Fabrication Inspector	\$ 149.00
10309	Batch Plant Quality Control Technician/Inspector	\$ 149.00
10325	Glue-Laminated Fabrication Inspector	Quotation
10328	Pre-Cast Concrete/Pipe Fabrication Inspector	\$ 149.00

Task Code	Nondestructive Testing Personnel	Rate
10401	NDE Ultrasonic Testing Technician	\$ 155.00
10403	NDE Magnetic Particle Testing Technician	\$ 155.00
10405	NDE Dye Penetrant Testing Technician	\$ 155.00
10305	Combination NDE Technician/Welding Inspector	\$ 155.00
10409	Radiographic Testing (Crew Of 2)	\$ 422.00
10020	NDE Engineer	\$ 272.00

Task Code	Equipment Usage (Daily Unless Otherwise Noted)	Rate
95318	Skidmore	\$ 53.00
95309	Torque Wrench, Small	\$ 22.00
95312	Torque Wrench, Large	\$ 33.00

Task Code	Equipment Usage (Daily Unless Otherwise Noted), Continued	Rate
95315	Torque Multiplier	\$ 50.00
95321	Air Meter	\$ 39.00
95322	Unit Weight Bucket	\$ 29.00
95323	Field Concrete Scale	\$ 39.00
95324	2" x 2" x 2" Mold	\$ 27.00
95343	Nuclear Gauge (Per Hour)	\$ 13.00
95319	Sand Cone Density Test Equipment	\$ 63.00
95333	Pull Test Equipment	\$ 78.00
95348	Concrete/Asphalt Coring Equipment	\$ 755.00
95336	Floor Flatness (Dipstick)	\$ 67.00
95330	Schmidt Hammer	\$ 50.00
95341	Vapor Emission Test Kits	\$ 61.00
95342	Relative Humidity Probe	\$ 94.00
95339	UPV (Ultrasonic Pulse Velocity) Meter	\$ 444.00
95351	Fireproofing Adhesion/Cohesion (Per Test)	\$ 44.00
95300	A Scan Ultrasonic Equipment And Consumables	\$ 105.00
95303	Magnetic Particle Equipment And Consumables	\$ 56.00
95306	Liquid Penetrant Consumables	\$ 50.00
95307	Phased Array Ultrasonic Equipment (Per Hour)	\$ 111.00
95347	Ground Penetrating Radar	\$ 422.00
95345	Impact Echo	\$ 427.00
95362	Ultrasonic Tomography	\$ 555.00
95349	Inertial Profiler (Per Hour)	Quotation
95352	Borescope	\$ 333.00
95356	Infrared Camera	\$ 111.00
95357	Project Dedicated Vehicle	\$ 200.00
95364	Roller Compacted Concrete Vibrating Hammer/Tamping Plate	\$ 89.00
95367	Half-Cell Potential Equipment Set	\$ 427.00
95368	Concrete Electrical Resistivity Meter	\$ 200.00
95369	Field Hardness (Steel)	\$ 122.00
95370	Coating Thickness Gauge	\$ 122.00
95373	Curing Box (Not Temperature Controlled, One-Time Fee/Per Box)	\$ 833.00
95371	Temperature Control Curing Box (Per Month)	\$ 555.00
95372	Temperature Matching Curing Box (Per Month)	\$ 633.00

Task Code	Specimen Pick-Up	Rate
20100	Soil/Aggregate Sample (Each)	\$ 56.00
20102	Standard Sample: Concrete Cylinders (Each)	\$ 36.00
20101	Standard Sample: Mortar/Grout Cubes And Cores, Fireproofing, Rebar, And Epoxy Prisms (Each)	\$ 36.00
20103	Oversize Sample: Masonry Prisms And Shotcrete Panels (Each)	\$ 94.00
20104	Oversize Sample: Flexural Beams (Each)	\$ 161.00
20107	Technician For Specimen Pick-Up Not Listed Above (Per Hour, 2-Hour Minimum)	\$ 161.00
20109	Technician For Specimen Pick-Up Before 5:00 a.m. Or After 5:00 p.m. Monday Thru Friday, Or All Day Saturday (Per Hour, 2-Hour Minimum Plus Mileage)	\$ 222.00

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

Task Code	Concrete Tests (Field Made Specimens)	Rate
20201	6" x 12" Cylinder Compression Strength (ASTM C39)	\$ 50.00
20202	4" x 8" Cylinder Compression Strength (ASTM C39)	\$ 44.00
20203	Density Of Structural Lightweight Concrete Equilibrium Oven Dry Method (ASTM C567)	\$ 111.00
20205	Core Compression Including Trimming (ASTM C42)	\$ 100.00
20207	6" x 6" x 18" Flexural Beams Not Exceeding Referenced Size (ASTM C78, C293 or CTM 523)	\$ 139.00
20209	Splitting Tensile Strength (ASTM C496)	\$ 139.00
20211	Modulus Of Elasticity Test (ASTM C469)	\$ 361.00
80003	Rapid Chloride Permeability Test: Cylinders Or Cores (ASTM C1202)	\$ 633.00
80006	Density, Absorption, And Voids In Hardened Concrete (ASTM C642)	\$ 633.00
40005	Flexural Toughness (ASTM C1609, Formerly ASTM C1018)	\$ 999.00
40006	Double Punch Strength Of Fiber Reinforced Concrete	\$ 666.00
40009	Coefficient Of Thermal Expansion Of Concrete (CRD 39, AASHTO T336)	\$ 722.00
40012	Bulk Electrical Resistivity (One Age Of Testing, ASTM C1876)	\$ 178.00
80013	Flexural Tensile Strength Of Metallic Fiber Reinforced Concrete Beam (EN 14651)	\$ 999.00



Task Code	Concrete Specimen Preparation	Rate
20151	Sawing Of Specimens (Each)	\$ 56.00
20157	Coring Of Specimens In Lab (Each)	\$ 56.00
20159	Grinding Of Concrete Below 6000 psi Strength (Each)	\$ 100.00
20160	Grinding Of Concrete 6000 psi Strength And Above (Each)	\$ 122.00

Task Code	Laboratory Trial Batch: Concrete, Cement And Mortar	Rate
30216	Compression Test 4" x 8" Cylinders Made And Tested In Laboratory (ASTM C192, C35)	\$ 64.00
30217	Compression Test 6" x 12" Cylinders Made And Tested In Laboratory (ASTM C192, C35)	\$ 75.00
30219	6" x 6" x 18" Flexural Beams Made And Tested In Laboratory (ASTM C192, C78)	\$ 155.00
30223	Splitting Tensile Strength Cylinders Made And Tested In Laboratory (ASTM C192, C496)	\$ 155.00
30225	Modulus Of Elasticity Test Cylinders Made And Tested In Laboratory (ASTM C192, C469)	\$ 377.00
30227	Density Of Structural Lightweight Concrete Made In Laboratory, Equilibrium Or Oven Dry Method (ASTM C567)	\$ 128.00
30237	Bulk Electrical Resistivity (ASTM C1876)	\$ 194.00
30201	Laboratory Trial Batch (ASTM C192/Lab Procedure Performance)	\$ 611.00
30203	Concrete Mixture Design For Preconstruction Evaluation And Backup Data Development	\$ 355.00
30205	Drying Shrinkage Up To 28 Days, Three 3" x 3" Or 4" x 4" Bars, Five Readings Up To 28 Dry Days (ASTM C157)	\$ 577.00
30230	Additional Reading, Per Set Of Three Bars	\$ 67.00
30231	Storage Over Ninety (90) Days, Per Set Of Three Bars, Per Month	\$ 56.00
30207	Setting Time Up To 7 Hours (ASTM C403)	\$ 222.00
30209	Bleeding (ASTM C232)	\$ 200.00
30229	Concrete Restrained Expansion (ASTM C878)	\$ 777.00
30211	Mix, Make and Test Mortar or Grout Specimens for Compressive Strength: Set of 6 (ASTM C878)	\$ 666.00
20263	Non-Shrink Grout: Height Change After Final Set (ASTM C1090)	\$ 666.00
20265	Non-Shrink Grout: Height Change At Early Age (ASTM C827)	\$ 944.00
30232	Cracking Resistance, Set Of Three Rings, Laboratory Trial Batching, Test Until Cracking Or Up To 28 Days (ASTM 1581)	\$ 6,882.00
30233	Evaluation Of Pre-Packaged Masonry Mortars (ASTM C270)	\$ 1,443.00
30234	Creep (ASTM C512) (One Age Of Loading, 12 Months Duration Of Testing)	\$ 9,435.00
80198	Laboratory Development Of Strength-Maturity Curve Without Establishing Datum Temperature (Up To 5 Testing Ages, ASTM C1074)	\$ 3,552.00
80199	Laboratory Development Of Strength-Maturity Curve With Establishing Datum Temperature (Up To 5 Testing Ages, ASTM C1074)	\$ 5,772.00

Task Code	Evaluation of Mixing Water for Concrete	Rate
80246	Evaluation Of Mixing Water For Concrete Per The Requirements Of ASTM C1602, Table 1 (Physical Properties Of Mortar), Per Sample	\$ 1,110.00
80248	Evaluation Of Mixing Water For Concrete Per The Requirements Of Caltrans, Section 90, Per Sample	\$ 1,332.00

Task Code	Concrete - Chemical Analysis, Transport Properties, Service Life Modeling, Petrographic Examination	Rate
80123	Acid-Soluble Chloride Analysis (ASTM C1152) Includes Sample Prep	\$ 139.00
80126	Water-Soluble Chloride Analysis (ASTM C1218) (Includes Sample Prep)	\$ 167.00
80193	Chloride Diffusion Coefficient Of Cementitious Mixtures By Bulk Diffusion (ASTM C1556)	\$ 3,108.00
80159	Bulk Resistivity (ASTM C1876) And Formation Factor	\$ 722.00
80204	Chloride Binding Isotherm	\$ 944.00
80206	Analytical And Experimental (ASTM C1556) Modeling Of Service Life Of Concrete Per Life-365 Model, Per Mixture Design	\$ 8,880.00
80208	Analytical And Experimental (NordTest) Modeling Of Service Life Of Concrete Per FIB Model Code 34, Per Mixture Design	\$ 8,880.00
80210	Non-Steady State Chloride Migration Coefficient, NordTest 492	\$ 694.00
80212	Petrographic Examination Of Hardened Concrete, Level I (ASTM C856) (Excludes Thin Section), Per Sample	\$ 1,943.00
80129	Petrographic Examination Of Hardened Concrete, Level II (ASTM C856) Includes Thin Section, Per Sample	\$ 2,498.00
80218	Petrographic Examination Of Hardened Concrete, Level III (ASTM C856/C1723) (Thin Section And SEM/EDX), Per Sample	\$ 3,885.00
80222	WCM Determination (NordTest Build 361)	\$ 1,388.00
80224	Examination Of Volumetric Proportions Of Hardened Concrete (ASTM C457), Per Sample	\$ 555.00
80228	Air Void Analysis Of Hardened Concrete (ASTM C457), Per Sample	\$ 666.00
80232	Electron Microscopy (ASTM C1723)	\$ 833.00
80234	Paste Carbonation Analysis, Per Sample	\$ 278.00
80238	Insoluble Residue Analysis (ASTM C1324)	Quotation
80240	Alkali-Silica - Damage Rating Index (DRI), Per Sample	\$ 1,388.00

Task Code	Qualification Of Cements	Rate
80100	Chemical Analysis Of Portland Cement Per Standard Requirements (ASTM C150)	\$ 833.00
80103	Physical Testing Of Portland Cement Per Standard Requirements (ASTM C150)	\$ 833.00
80194	Physical Testing Of Type K Cement, Mortar Expansion (ASTM C806)	\$ 833.00
80195	Physical Testing And Chemical Analysis Of Portland Cement Per Standard Requirements (ASTM C150)	\$ 1,554.00
80106	Partial Analysis Or Specific Physical Tests	Quotation
80110	Sulfates Resistance Of Hydraulic Cement (ASTM C1012), 6 Months	\$ 3,330.00
80111	Sulfates Resistance Of Hydraulic Cement (ASTM C1012), 12 months	\$ 3,663.00
80149	Type 1L Cement (ASTM C595; Excludes Special Properties)	\$ 1,554.00
80151	Clinker Microscopy, Per Sample	\$ 944.00

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

Task Code	Evaluation Of Pozzolans And Slag Cement	Rate
80140	Chemical Analysis Of Fly Ash Per Standard Requirements (ASTM C618)	\$ 833.00
80143	Physical Testing Of Fly Ash Per Standard Requirements (ASTM C618)	\$ 833.00
80146	Partial Analysis Or Specific Physical Tests	Quotation
80147	Chemical Analysis And Physical Testing Of Fly Ash Per Standard Requirements (ASTM C1618)	\$ 1,554.00
80250	Qualification Of Silica Fume Per Standard Requirements (ASTM C1240)	\$ 1,554.00
80252	Qualification Of Slag Cement Per Standard Requirements (ASTM C989)	\$ 1,554.00
80254	Effectiveness Of Pozzolans & Slag Cement In Mitigating Expansion Due To ASR (ASTM C441)	\$ 1,554.00

Task Code	Mass Concrete - Engineering And Testing Services	Rate
80256	Thermal Control Plan (Without Cooling Pipes) Per A Unique Type Of Placement Of Similar Group Of Placements, Each Plan	\$ 8,880.00
80258	Thermal Control Plan (With Cooling Pipes), Per A Unique Type Of Placement Of Similar Group Of Placements, Each Plan	\$ 10,545.00
80260	Performance Based Maximum Temperature Difference Laboratory & Analytical Studies, One Concrete Mixture Design	\$ 3,885.00

Task Code	Rock And Concrete Aggregates - Petrographic Examination & Special USACE & CRD Tests	Rate
80262	Rock Type Description, Per Sample (Rock Core Or Rock Chunk)	\$ 944.00
80263	Rock Type Description + XRD Including Clay Analysis, Per Sample	\$ 1,610.00
80266	Natural Aggregates - Petrographic Examination (Gravel And Natural Sand Consisting Of Single Rock Type ASTM C295) Each, One Sample	\$ 3,053.00
80268	Crushed Aggregates - Petrographic Examination (Crushed Rock And Manufactured Sand Consisting Of Single Rock Type ASTM C295), Each, One Sample	\$ 2,498.00
80270	Coarse Aggregate Certification For Deleterious Materials Per Specifications Of USACE, Materials Coarser Than 0.75-Inch Each, One Sample, 200 lb.	\$ 6,549.00
80272	Coarse Aggregate Certification For Deleterious Materials Per Specifications Of USACE, 0.75-Inch And Finer Material, Each, One Sample, 25 lb.	\$ 6,105.00
80274	Fine Aggregate Certification For Deleterious Materials Per Specifications Of USACE, Each, One Sample	\$ 2,220.00
80276	Aggregate, Scratch Hardness (CRD-C 130), Each, One Sample, 25 lb.	\$ 444.00

Task Code	Soils And Aggregate Tests	Rate
30503	Abrasion: LA Rattler (ASTM C131)	\$ 222.00
30505	Abrasion: LA Rattler (ASTM C535)	\$ 233.00
70301	Atterberg Limits/Plasticity Index (ASTM D4318, CTM 204)	\$ 178.00
70303	California Bearing Ratio Excluding Maximum Density (ASTM D1883) Soil	\$ 644.00
70304	California Bearing Ratio Excluding Maximum Density (ASTM D1883) Cement-Treated Soil	\$ 722.00
70344	Cement-Treated Soil/Base Mix Design: Includes Three Trial Cement Contents With Three Unconfined Compressive Strength Specimens Per Cement Content	\$ 3,885.00
70305	Chloride And Sulfate Content (CTM 417, CTM 422)	\$ 194.00
30403	Clay Lumps And Friable Particles (ASTM C142)	\$ 222.00
30321	Cleaness Value 1" x #4 (CTM 227)	\$ 194.00
30322	Cleaness Value 1.5" x .75" (CTM 227)	\$ 305.00



TWINING

Task Code	Soils And Aggregate Tests, Continued	Rate
70393	Collapse Potential/Index (ASTM D5333)	\$ 250.00
70396	Compressive Strength Of Molded Soil-Cement Cylinders (ASTM D1633)	\$ 117.00
70309	Consolidation Test Full Cycle (ASTM 2435, CTM 219)	\$ 216.00
70311	Consolidation Test Time Rate Per Load Increment (ASTM D2435, CTM 219)	\$ 50.00
70313	Corrosivity Series Sulfate, Cl, pH, Resistivity (CTM 643, 417, and 422)	\$ 272.00
70315	Crushed/Fractured Particles (ASTM D5821, CTM 205)	\$ 194.00
70317	Direct Shear Test Remolded And/Or Residual (ASTM D3080)	\$ 272.00
70319	Direct Shear Test Undisturbed - Slow [CD] (ASTM D3080)	\$ 250.00
70321	Direct Shear Test Undisturbed - Fast [CU] (ASTM D3080)	\$ 216.00
70378	Durability Index Per Method - A,B,C, or D (ASTM D3744, CTM 229)	\$ 233.00
70325	Expansion Index (ASTM D4829, UBC 18-2)	\$ 189.00
75004	Fine Aggregate Angularity (ASTM C1252, CTM 234, AASHTO T304)	\$ 211.00
30507	Flat And Elongated Particle (ASTM D4791)	\$ 266.00
30508	Flat Or Elongated Particle (ASTM D4791)	\$ 233.00
70331	Maximum Density Methods A/B/C (ASTM D1557, D698, CTM 216)	\$ 211.00
70333	Maximum Density Check Point (ASTM D1557, D698)	\$ 72.00
70335	Maximum Density AASHTO C [Modified] (AASHTO T-180)	\$ 216.00
70336	Maximum Index Density Vibratory Table (ASTM D4253)	\$ 383.00
70337	Moisture Content (ASTM D2216, CTM 226)	\$ 28.00
70339	Moisture and Density Ring Sample (ASTM D2937)	\$ 33.00
70341	Moisture and Density Shelby Tube Sample (ASTM D2937)	\$ 44.00
70340	Moisture-Density Relations Of Soil-Cement Mixtures Premixed In The Field (ASTM D558)	\$ 305.00
70342	Moisture-Density Relations Of Soil-Cement Mixtures Mixed In The Lab (ASTM D558)	\$ 389.00
70328	pH Of Soils (ASTM D4972)	\$ 67.00
70330	Organic Content Of Soils (ASTM D2974, Method A Only)	\$ 94.00
30401	Organic Impurities (ASTM C40, CTM 213)	\$ 100.00
70343	Permeability (ASTM D5084)	Quotation
80001	Potential Reactivity Chemical Method (ASTM C289 - Discontinued Method)	\$ 833.00
70394	Potential Reactivity Mortar Bar Expansion Method, 14-Day Exposure (ASTM C1260)	\$ 1,027.00
70391	Potential Reactivity Mortar Bar Expansion Method, 28-Day Exposure (ASTM C1260)	\$ 1,082.00
70398	Potential Reactivity Concrete Bar Expansion Method (ASTM C1293), 12 month	\$ 3,108.00
70399	Potential Reactivity Concrete Bar Expansion Method (ASTM C1293), 24 month	\$ 3,441.00
70397	Potential Reactivity Of Aggregate Combination, Non-Standard Method; 14-Day Exposure, Mortar (After ASTM C1567)	\$ 1,221.00
70392	Potential Reactivity Of Aggregate Combination, Non-Standard Method; 28-Day Exposure, Mortar (After ASTM C1567)	\$ 1,277.00
70345	R-Value Soil (ASTM 2844, CTM 301)	\$ 488.00
70347	R-Value Aggregate Base (ASTM D2844, CTM 301)	\$ 544.00
70349	Sand Equivalent (ASTM D2419, CTM 217)	\$ 139.00
70351	Sieve #200 Wash Only (ASTM D1140, CTM 202)	\$ 100.00
70353	Sieve With Hydrometer 3/4" Gravel To Clay (ASTM D422, D7928, CTM 203)	\$ 278.00
70355	Sieve With Hydrometer Sand To Clay (ASTM D422, D7928, CTM 203)	\$ 266.00
70357	Sieve Analysis Including Wash (ASTM C136, CTM 202)	\$ 167.00
70359	Sieve Analysis Without Wash (ASTM C136, CTM 202)	\$ 133.00
70360	Sieve Analysis Split Sieve (ASTM C136, CTM 202)	\$ 266.00
70361	Sieve Analysis Without Wash With Cobbles (ASTM C136, CTM 202)	\$ 261.00
70363	Soundness Sodium Or Magnesium Sulfate, 5 Cycles (ASTM C88)	\$ 500.00
70365	Specific Gravity And Absorption Coarse (ASTM C127, CTM 206)	\$ 111.00
70367	Specific Gravity and Absorption Fine (ASTM C128, CTM 207)	\$ 183.00
70369	Swell/Settlement Potential One Dimensional (ASTM D4546)	\$ 167.00
70371	Triaxial	Quotation
70373	Unconfined Compression (ASTM D2166, CTM 221)	\$ 211.00
30317	Unit Weight Per Cubic Foot (ASTM C29, CTM 212)	\$ 139.00
30319	Voids In Aggregate With Known Specific Gravity (ASTM C29, CTM 212)	\$ 139.00
30411	Lightweight Particles Coarse, with Two Solutions (ASTM C123)	\$ 555.00
30412	Lightweight Particles Fine, with One Solution (ASTM C123)	\$ 278.00

Task Code	Asphalt Concrete Tests	Rate
75031	HMA Mixing And Preparation	\$ 150.00
75032	HMA Mixing And Preparation With Aggregate Treatment	\$ 211.00
75033	Bulk Specific Gravity Of Compacted Sample Or Core SSD (ASTM D2726, CTM 308C)	\$ 67.00
75036	Bulk Specific Gravity Of Compacted Sample Or Core Paraffin Coated (ASTM D1188 and CTM 308A)	\$ 94.00

Task Code	Asphalt Concrete Tests, Continued	Rate
75040	Emulsion Residue, Evaporation (ASTM D244)	\$ 189.00
75024	Extraction % Bitumen (ASTM D6307, CTM 382)	\$ 189.00
75027	Extraction % Bitumen And Gradation (ASTM D5444, D6307, CTM 202, 382)	\$ 255.00
75028	Extraction % Bitumen, Correction Factor (ASTM D6307, CTM 382)	\$ 416.00
75030	Chemical Extraction % Bitumen And Sieve Analysis (ASTM D2172 Method A or B, ASTM D5444)	\$ 438.00
75042	Lab Tested Maximum Density Hveem, 3 Briquettes (ASTM D1561, D1188, CTM 304, 308)	\$ 255.00
75057	Hveem Stabilometer Test, Premixed, 3 Briquettes (ASTM D1560, D1561, CTM 304, 366)	\$ 255.00
75048	Lab Tested Maximum Density Marshall, 3 Briquettes (ASTM D6926, D2726)	\$ 250.00
75049	Lab Tested Maximum Density Marshall 6" Specimen, 3 Briquettes (ASTM D5581, D2726)	\$ 255.00
75050	Lab Tested Maximum Density Superpave Gyrotory Compacted Briquette, SSD, 1 Briquette (ASTM D6925, D2726)	\$ 94.00
75052	Lab Tested Maximum Density Superpave Gyrotory Compacted Briquette, Paraffin, 1 Briquette (ASTM D1188, D6925)	\$ 105.00
75051	Maximum Theoretical Specific Gravity [RICE] (ASTM D2041, CTM 309)	\$ 189.00
75066	Marshall Stability And Flow, Cored Sample, Each (ASTM D6927)	\$ 94.00
75069	Marshall Stability And Flow, Premixed, 3 Briquettes (ASTM D6926, D6927)	\$ 272.00
75106	Marshall Stability And Flow, Gyrotory Compacted Specimen Pre-Mixed, 3 Briquettes (ASTM D5581, D6925)	\$ 272.00
75107	Marshall Stability And Flow 6" Specimen, Premixed, 3 Briquettes (ASTM D5581)	\$ 272.00
75063	Moisture Content (CTM 370)	\$ 100.00
75005	Wet Track Abrasion Test (ASTM D3910)	\$ 194.00
75093	Hveem Mix Design (Excluding Aggregate Quality Tests)	\$ 6,183.00
75096	Hveem Mix Design, With RAP (Excluding Aggregate Quality Tests, RAP Qualification)	\$ 6,716.00
75099	Hveem Mix Design, With Lime (Excluding Aggregate Quality Tests)	\$ 10,595.00
75094	Hveem Mix Design Caltrans Untreated Mix (Including Aggregate Quality Tests)	\$ 7,370.00
75095	Hveem Mix Design Caltrans Lime Treated Mix (Including Aggregate Quality Tests)	\$ 8,564.00
75084	Marshall Mix Design (Excluding Aggregate Quality Tests)	\$ 6,183.00
75087	Marshall Mix Design With RAP (Excluding Aggregate Quality Tests)	\$ 6,716.00
75090	Marshall Mix Design With Lime (Excluding Aggregate Quality Tests)	\$ 7,370.00
75083	Open Grade Asphalt Concrete Mix Design (ASTM D7064, CTM 368)	\$ 3,569.00
75109	Superpave Mix Design (Excluding Aggregate Quality Tests)	\$ 12,604.00
75113	Superpave Mix Design, With RAP (Excluding Aggregate Quality Tests)	\$ 13,314.00
75114	Superpave Mix Design With Rubber (Excluding Aggregate Quality Tests)	\$ 13,314.00
75115	Superpave Mix Design With Additives (Excluding Aggregate Quality Tests)	\$ 13,675.00
75075	Effect Of Moisture On Asphalt Paving Mixtures, Pre-Mixed (ASTM D4867, AASHTO T283)	\$ 1,188.00
75111	Hamburg Wheel Track Test, 20,000 Passes, 4 Briquettes (AASHTO T324)	\$ 1,310.00
75039	Raveling Test Of Cold Mixed Emulsified Asphalt (ASTM D7196)	\$ 239.00
75067	Marshall Stability, Wet Set, 3 Replicates (AASHTO T245)	\$ 416.00
75068	Marshall Stability, Dry Set, 3 Replicates (AASHTO T245)	\$ 355.00
75070	Cold Recycled Asphalt Mix Design 2 Gradings Each, 3 Emulsion Content (Caltrans LP-8)	\$ 12,488.00

Task Code	Mortar And Stucco - Petrographic Examination	Rate
80282	Stucco, One-Coat (ASTM C856), Includes Thin Section), Per Sample	\$ 2,498.00
80286	Stucco, Two-Coat (ASTM C856), Includes Thin Section), Per Sample	\$ 2,775.00
80290	Stucco, Three-Coat (ASTM C856), Includes Thin Section), Per Sample	\$ 3,330.00
80294	Mortar (ASTM C1324, Petrographic Examination And Chemical Analysis), Per Sample	\$ 3,608.00

Task Code	Brick Masonry Tests, ASTM C67	Rate
20301	Modulus Of Rupture Flexural	\$ 122.00
20303	Compression Strength	\$ 83.00
20305	Absorption 5 Hour or 24 Hour	\$ 89.00
20307	Absorption (Boil) 1, 2 Or 5 Hours	\$ 122.00
20309	Initial Rate Of Absorption	\$ 78.00
20311	Efflorescence	\$ 94.00
20313	Cores Compression	\$ 100.00
20315	Shear Test On Brick Cores 2 Faces	\$ 122.00



Task Code	Concrete Block, ASTM C140	Rate
20321	Compression	\$ 105.00
20323	Absorption/Moisture Content/Oven Dry Density	\$ 105.00
20327	Linear Shrinkage (ASTM C426)	\$ 305.00
20335	Web And Face Shell Measurements	\$ 61.00
20329	Tension Test	\$ 194.00
20331	Core Compression	\$ 100.00
20333	Shear Test Of Masonry Cores 2 Faces	\$ 122.00
20339	Efflorescence Tests	\$ 94.00

Task Code	Masonry Prisms, ASTM C1314	Rate
20341	Compression Test, Composite Masonry Prisms Up To 8" x 16"	\$ 228.00
20343	Compression Test, Composite Masonry Prisms > 8" x 16"	\$ 305.00
20346	Prism Cord Modulus Of Elasticity	\$ 722.00
20347	Prism Cord Modulus Of Elasticity With Transverse Strain (For Double-Wythe Specimen)	\$ 788.00

Task Code	Mortar And Grout	Rate
20351	Compression 2" x 4" Mortar Cylinders (ASTM C780)	\$ 67.00
20353	Compression 3" x 3" x 6" Grout Prisms, Includes Trimming (ASTM C1019)	\$ 50.00
20355	Compression 2" Cubes (ASTM C109)	\$ 67.00
20357	Compression Cores Includes Trimming (ASTM C42)	\$ 100.00

Task Code	Masonry Specimen Preparation	Rate
20155	Cutting Of Cubes Or Prisms	\$ 100.00

Task Code	Fireproofing Tests	Rate
20401	Oven Dry Density (ASTM E605)	\$ 83.00

Task Code	Guniting And Shotcrete Tests	Rate
20361	Core Compression Including Trimming (ASTM C42)	\$ 100.00
20365	Compression Cubes (Includes Saw Cutting)	\$ 117.00

Task Code	Concrete Roof Fill: Gypsum, Vermiculite, Perlite, Lightweight Insulating Concrete, Etc.	Rate
20371	Compression Test (ASTM C495 and C472)	\$ 83.00
20373	Air Dry Density (ASTM C472)	\$ 72.00
20379	Oven Dry Density (ASTM C495)	\$ 100.00

Task Code	Reinforcing Steel, ASTM A615, A706	Rate
20501	Tensile Test #11 Or Smaller	\$ 83.00
20503	Bend Test #11 Or Smaller	\$ 78.00
20504	Bend Test #14 Or #18	\$ 444.00
20505	Tensile Test #14	\$ 333.00
20507	Tensile Test #18	\$ 433.00

Task Code	Reinforcing Steel - Welded Or Coupled Specimens	Rate
20521	Tensile Test Welded/Coupled #11 And Smaller	\$ 94.00
20523	Tensile Test Welded/Coupled #14	\$ 322.00
20525	Tensile Test Welded/Coupled #18	\$ 455.00
20529	Weld Macroetch	\$ 105.00
20531	Slippage Test - Caltrans (CTM 670)	\$ 244.00
20532	Tensile Test Welded Hoops #11 And Smaller	\$ 189.00

Task Code	Metal and Steel Testing	Rate
20601	Tensile Strength Up To 100K Pounds (Each)	\$ 94.00
20603	Tensile Strength Up To 200K Pounds (Each)	\$ 105.00
20605	Tensile Strength Up To 300K Pounds (Each)	\$ 133.00
20607	Tensile Strength Up To 400K Pounds (Each)	\$ 194.00
20609	Tensile Strength 400K To 600K Pounds (Each)	\$ 444.00
20611	Tensile Strength Stress-Strain Percent Offset	\$ 278.00
20545	Weld Macroetch	\$ 105.00
20547	Weld Fracture	\$ 56.00
20615	Bend Test	\$ 89.00
20617	Flattening Test	\$ 89.00

Task Code	Metal and Steel Testing, Continued	Rate
20619	Hardness Test (ASTM E18)	\$ 94.00
20630	Bolt Axial Tensile Test (Up To 7/8" Diameter)	\$ 78.00
20631	Bolt Wedge Tensile Test (Up To 7/8" Diameter)	\$ 94.00
20632	Bolt Axial Tensile Test (Greater Than 7/8" Up To 1" diameter)	\$ 100.00
20633	Bolt Wedge Tensile Test (Greater Than 7/8" Up To 1" Diameter)	\$ 122.00
20634	Bolt Axial Tensile Test (Greater Than 1" Diameter)	\$ 144.00
20635	Bolt Wedge Tensile Test (Greater Than 1" Diameter)	\$ 155.00
20636	Bolt Proof Load Test (Up To 7/8")	\$ 105.00
20637	Bolt Proof Load Test (Greater Than 7/8" Up To 1" Diameter)	\$ 128.00
20638	Bolt Proof Load Test (Greater Than 1")	\$ 150.00
20639	Nut Proof Load Test (Up To 7/8")	\$ 83.00
20640	Nut Proof Load Test (Greater Than 7/8" Up To 1" Diameter)	\$ 105.00
20641	Nut Proof Load Test (Greater Than 1")	\$ 117.00

Task Code	Chemical Testing Of Metal And Steel	Rate
80170	Steel Chemical Analysis	Quotation
80173	Weight Of Galvanized Coating (ASTM A90)	\$ 100.00
80176	Epoxy Coating Thickness	\$ 111.00
80177	Coating Thickness	\$ 105.00

Task Code	Machining And Preparation Of Tensile And Bend Sample: Carbon Steel	Rate
20751	Machinist Initial Preparation From Mock-Up, Etc. (Per Hour)	\$ 161.00
20753	Sawcut To Overall Width (Per 0.5" Thickness Or Fraction Thereof)	\$ 72.00
20755	Machine To Test Configuration Milled Specimens	\$ 105.00
20757	Machine To Test Configuration Turned Specimens (Per 0.5" Thickness Or Fraction Thereof)	\$ 189.00
20759	Prepare Subsize Specimens (Per 0.5" Thickness Or Fraction Thereof)	\$ 128.00

Task Code	Charpy Impact	Rate
20621	Charpy Impact Ambient Temperature	\$ 117.00
20623	Charpy Impact Reduced Temperature	\$ 155.00

Task Code	Machining Of Charpy Samples: Carbon Steel	Rate
20780	Cutting And Milling (Per 0.5" Or Fraction Thereof)	\$ 105.00
20783	Final Machining To Sample Configuration	\$ 128.00

Task Code	Prestressing Wires And Tendons, (ASTM A416)	Rate
20701	Stress-Strain Analysis Wire Or Strands (Including Chart And Percent Offset)	\$ 283.00
20703	Tensile Test Only	\$ 211.00
20705	Tendons	Quotation

Task Code	Polymer Matrix Composite Materials (Fiberwrap)	Rate
20706	Tensile Strength - Set of 5 Specimens/Batch/Direction (ASTM D3039)	\$ 1,554.00
20707	Tensile Strength - Additional Specimens (ASTM D3039) (ASTM D3039)	\$ 300.00
20708	Heating Chamber Time - Per 24 Hr. Period	\$ 111.00

Task Code	Calibration Services And Universal Machine Usage	Rate
20801	Calibration/Verification Services	Quotation
20803	Universal Test Machine Usage (Per Hour)	\$ 527.00

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

General Conditions

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

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

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

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

Administrative Fees

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

total: 4%



General Conditions, Continued

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

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

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

4-Hour Minimum: 1 to 4 hours of inspection

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

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

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

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

All shifts will be billed based on the time and date of their start. Any increment past 8 hours through 12 hours worked Monday through Friday and the first 12 hours on Saturday. Time and one-half will also be charged for the first four hours before 5:00 a.m. and after 5:00 p.m.

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

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

Meal Period

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

Shift Differential (Applies to Regularly Scheduled Shifts Only)

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

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

Travel Time and Mileage

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

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

Weekend Sample Pick-Ups

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

Reimbursable Expenses

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

Project Specific Documents

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

Project Site Facilities

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

Subsistence

Subsistence on remote jobs will be charged per quotation.

Laboratory Testing Hours and Expedited Testing

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

Charges for Subcontracted Services

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

Limit of Liability

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

Additional Insurance Coverage

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

Certified Payroll

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



General Conditions, Continued

Final Reports Required by Jurisdiction

If a final report or affidavit is required, we must first review all inspection and testing reports and clear up any unresolved issues on these reports. These issues will typically require approval by the engineer or architect of record. This process can take several weeks or just a day, depending on the number and complexity of the issues. Cost for final reports will be billed hourly.

Terms of Payment

Fees charged are for professional and technical services and are due upon presentation. If not paid within 30 days from date of invoice, they are considered past due and the maximum legal finance charge will be added to the unpaid balance.

In addition, should the client require that invoices be submitted through a web based or electronic system, the client will be responsible for all costs associated with the use of the system.

A 3% fee will be applied for payments processed by credit card.

All invoice errors or necessary corrections shall be brought to the attention of Twining within 15 days of receipt of invoice. Thereafter, customer acknowledges invoices are correct and valid. Twining reserves the right to terminate its services to a customer without notice if all invoices are not current. Upon such termination of services, the entire amount accrued for all services performed shall immediately become due and payable. Customer waives any and all claims against Twining, its subsidiaries, affiliates, servants, and agents for termination of work on account of these terms.

In the event of any litigation arising from or related to any agreement to provide services whether verbal or written, the prevailing party shall be entitled to recover from the non-prevailing party all reasonable costs incurred, including staff time, court costs, attorney's fees and all other related expenses in such litigation. Additionally, in the event of a non-adjudicative settlement of litigation between the parties or a resolution of dispute by arbitration, that same process shall determine the prevailing party.

Hold Specimens

All "hold" specimens are charged at the applicable test rate whether tested or not.

Specimen Sampling and Disposal

Twining samples materials used in construction in accordance with standard practices, methods, codes, and relevant project requirements. Representativeness of sampling and same accuracy of testing are subject to the same probabilistic and precision limitations as governing standards, codes and project technical provisions.

Should samples be provided by others Twining cannot warrant or guarantee that material is representative of material that is or will be used in actual construction of the project.

Specimens will be discarded after testing unless Twining has been notified prior to testing that the customer wishes to retrieve the specimens or storage arrangements are made. Costs for storage will be by quotation.

Oversize Specimens

An extra charge will be made when test specimens require more than one person to handle because of size or weight.

Elevated Work Platforms

In the event an elevated work platform is required to safely complete our work, the client must provide safe access for Twining personnel for all required inspection, testing, sampling, etc. including a trained and certified operator or qualified inspector as applicable. Twining will not be responsible for signing waivers associated with providing such access. Should Twining be required to supply an elevated work platform, we will contract with a qualified vendor and the markups shown above will apply.



ARDURRA-01

WBATESON

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/24/2025

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

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

PRODUCER Ames & Gough 8300 Greensboro Drive Suite 980 McLean, VA 22102	CONTACT NAME:		
	PHONE (A/C, No, Ext): (703) 827-2277	FAX (A/C, No): (703) 827-2279	
	E-MAIL ADDRESS: admin@amesgough.com		
INSURED Ardurra Group, Inc. 1000 N.W. 57th Court, Suite 800 Miami, FL 33126	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Charter Oak Fire Insurance Company A++ (XV)		25615
	INSURER B: Phoenix Insurance Company A++, XV		25623
	INSURER C: Travelers Property Casualty Company of America, A++, XV		25674
	INSURER D: National Fire & Marine Insurance Company A++ X		20079
	INSURER E:		
INSURER F:			

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY			630-5X487435	1/1/2025	1/1/2026	EACH OCCURRENCE \$ 1,000,000
	☐ CLAIMS-MADE ☒ OCCUR		DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000				
	☒ Contractual Liab.		MED EXP (Any one person) \$ 15,000				
			PERSONAL & ADV INJURY \$ 1,000,000				
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE \$ 2,000,000
	☒ POLICY ☒ PROJECT ☐ LOC						PRODUCTS - COM/POP AGG \$ 2,000,000
	OTHER:						\$
B	AUTOMOBILE LIABILITY			810-5X558309	1/1/2025	1/1/2026	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	☒ ANY AUTO OWNED AUTOS ONLY	☐ SCHEDULED AUTOS	BODILY INJURY (Per person) \$				
	☐ HIRED AUTOS ONLY	☐ NON-OWNED AUTOS ONLY	BODILY INJURY (Per accident) \$				
			PROPERTY DAMAGE (Per accident) \$				
						\$	
C	☒ UMBRELLA LIAB ☒ OCCUR			CUP-5X642114	1/1/2025	1/1/2026	EACH OCCURRENCE \$ 15,000,000
	☐ EXCESS LIAB ☐ CLAIMS-MADE		AGGREGATE \$ 15,000,000				
	DED ☒ RETENTION \$ 10,000		\$				
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			UB-5X489557	1/1/2025	1/1/2026	☒ PER STATUTE ☐ OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N ☒ N	N/A				E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Professional Liab.			42-EPP-306878-07	1/1/2025	1/1/2026	Per Claim/Aggregate 10,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: City of Huntington Beach 2025 On Call Construction Management, Inspection, and Materials Testing

The City of Huntington Beach, CA, its officers, elected or appointed officials, employees, agents and volunteers are included as additional insured with respect to General Liability, Automobile Liability, and Umbrella Liability when required by written contract. General Liability includes Additional Insured coverage for On-Going & Completed Operations as required by written contract. General Liability, Automobile Liability, and Umbrella Liability are primary and non-contributory over any existing insurance and limited to liability arising out of the operations of the named insured and when required by written contract. General Liability, Automobile Liability, Workers Compensation, and Umbrella Liability policies include a waiver of subrogation in favor of the additional SEE ATTACHED ACORD 101

CERTIFICATE HOLDER

CANCELLATION

City of Huntington Beach, CA 2000 Main Street Huntington Beach, CA 92648	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE



AGENCY CUSTOMER ID: ARDURRA-01

WBATESON

LOC #: 2

ADDITIONAL REMARKS SCHEDULE

Page 1 of 1

AGENCY Ames & Gough		NAMED INSURED Ardurra Group, Inc. 1000 N.W. 57th Court, Suite 800 Miami, FL 33126	
POLICY NUMBER SEE PAGE 1			
CARRIER SEE PAGE 1	NAIC CODE SEE P 1	EFFECTIVE DATE: SEE PAGE 1	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance

Description of Operations/Locations/Vehicles:

insureds where permissible by state law and when required by written contract. Umbrella Liability coverage sits excess over General Liability, Automobile Liability and Employers' Liability coverage. 30-day Notice of Cancellation will be issued for the General Liability, Automobile Liability, Umbrella Liability, Workers Compensation and Professional Liability policies in accordance with policy terms and conditions.



**WORKERS COMPENSATION
AND
EMPLOYERS LIABILITY POLICY**

ENDORSEMENT WC 99 03 76 (A) - 001

POLICY NUMBER: UB-5X489557

**WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS
ENDORSEMENT – CALIFORNIA
(BLANKET WAIVER)**

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule.

The additional premium for this endorsement shall be _____ % of the California workers' compensation premium.

Schedule

Person or Organization

ANY PERSON OR ORGANIZATION FOR
WHICH THE INSURED HAS AGREED
BY WRITTEN CONTRACT EXECUTED
PRIOR TO LOSS TO FURNISH THIS
WAIVER.

Job Description

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective
Insured

Policy No.

Endorsement No.
Premium

Insurance Company

Countersigned by _____

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BUSINESS AUTO EXTENSION ENDORSEMENT – FLORIDA

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

GENERAL DESCRIPTION OF COVERAGE – This endorsement broadens coverage. However, coverage for any injury, damage or medical expenses described in any of the provisions of this endorsement may be excluded or limited by another endorsement to the Coverage Part, and these coverage broadening provisions do not apply to the extent that coverage is excluded or limited by such an endorsement. The following listing is a general coverage description only. Limitations and exclusions may apply to these coverages. Read all the provisions of this endorsement and the rest of your policy carefully to determine rights, duties, and what is and is not covered.

- | | |
|---|---|
| A. BROAD FORM NAMED INSURED | H. HIRED AUTO PHYSICAL DAMAGE – LOSS OF USE – INCREASED LIMIT |
| B. BLANKET ADDITIONAL INSURED | I. PHYSICAL DAMAGE – TRANSPORTATION EXPENSES – INCREASED LIMIT |
| C. EMPLOYEE HIRED AUTO | J. PERSONAL PROPERTY |
| D. EMPLOYEES AS INSURED | K. AIRBAGS |
| E. SUPPLEMENTARY PAYMENTS – INCREASED LIMITS | L. NOTICE AND KNOWLEDGE OF ACCIDENT OR LOSS |
| F. HIRED AUTO – LIMITED WORLDWIDE COVERAGE – INDEMNITY BASIS | M. BLANKET WAIVER OF SUBROGATION |
| G. WAIVER OF DEDUCTIBLE – GLASS | N. UNINTENTIONAL ERRORS OR OMISSIONS |

PROVISIONS

A. BROAD FORM NAMED INSURED

The following is added to Paragraph **A.1., Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

Any organization you newly acquire or form during the policy period over which you maintain 50% or more ownership interest and that is not separately insured for Business Auto Coverage. Coverage under this provision is afforded only until the 180th day after you acquire or form the organization or the end of the policy period, whichever is earlier.

B. BLANKET ADDITIONAL INSURED

The following is added to Paragraph **c. in A.1., Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

Any person or organization who is required under a written contract or agreement between you and that person or organization, that is signed and executed by you before the "bodily injury" or "property damage" occurs and that is in effect

during the policy period, to be named as an additional insured is an "insured" for Covered Autos Liability Coverage, but only for damages to which this insurance applies and only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Section II.

C. EMPLOYEE HIRED AUTO

1. The following is added to Paragraph **A.1., Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

An "employee" of yours is an "insured" while operating an "auto" hired or rented under a contract or agreement in an "employee's" name, with your permission, while performing duties related to the conduct of your business.

2. The following replaces Paragraph **b. in B.5., Other Insurance**, of **SECTION IV – BUSINESS AUTO CONDITIONS**:

- b.** For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own:

COMMERCIAL AUTO

- (1) Any covered "auto" you lease, hire, rent or borrow; and
- (2) Any covered "auto" hired or rented by your "employee" under a contract in an "employee's" name, with your permission, while performing duties related to the conduct of your business.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

D. EMPLOYEES AS INSURED

The following is added to Paragraph A.1., **Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

Any "employee" of yours is an "insured" while using a covered "auto" you don't own, hire or borrow in your business or your personal affairs.

E. SUPPLEMENTARY PAYMENTS – INCREASED LIMITS

1. The following replaces Paragraph A.2.a.(2), of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

- (2) Up to \$3,000 for cost of bail bonds (including bonds for related traffic law violations) required because of an "accident" we cover. We do not have to furnish these bonds.

2. The following replaces Paragraph A.2.a.(4), of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

- (4) All reasonable expenses incurred by the "insured" at our request, including actual loss of earnings up to \$500 a day because of time off from work.

F. HIRED AUTO – LIMITED WORLDWIDE COVERAGE – INDEMNITY BASIS

The following replaces Subparagraph (5) in Paragraph B.7., **Policy Period, Coverage Territory**, of **SECTION IV – BUSINESS AUTO CONDITIONS**:

- (5) Anywhere in the world, except any country or jurisdiction while any trade sanction, embargo, or similar regulation imposed by the United States of America applies to and prohibits the transaction of business with or within such country or jurisdiction, for Covered Autos Liability Coverage for any covered "auto" that you lease, hire, rent or borrow without a driver for a period of 30

days or less and that is not an "auto" you lease, hire, rent or borrow from any of your "employees", partners (if you are a partnership), members (if you are a limited liability company) or members of their households.

- (a) With respect to any claim made or "suit" brought outside the United States of America, the territories and possessions of the United States of America, Puerto Rico and Canada:

- (i) You must arrange to defend the "insured" against, and investigate or settle any such claim or "suit" and keep us advised of all proceedings and actions.

- (ii) Neither you nor any other involved "insured" will make any settlement without our consent.

- (iii) We may, at our discretion, participate in defending the "insured" against, or in the settlement of, any claim or "suit".

- (iv) We will reimburse the "insured" for sums that the "insured" legally must pay as damages because of "bodily injury" or "property damage" to which this insurance applies, that the "insured" pays with our consent, but only up to the limit described in Paragraph C., **Limits Of Insurance**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**.

- (v) We will reimburse the "insured" for the reasonable expenses incurred with our consent for your investigation of such claims and your defense of the "insured" against any such "suit", but only up to and included within the limit described in Paragraph C., **Limits Of Insurance**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**, and not in addition to such limit. Our duty to make such payments ends when we have used up the applicable limit of insurance in payments for damages, settlements or defense expenses.

- (b) This insurance is excess over any valid and collectible other insurance available to the "insured" whether primary, excess contingent or on any other basis.

- (c) This insurance is not a substitute for required or compulsory insurance in any country outside the United States, its territories and possessions, Puerto Rico and Canada.

You agree to maintain all required or compulsory insurance in any such country up to the minimum limits required by local law. Your failure to comply with compulsory insurance requirements will not invalidate the coverage afforded by this policy, but we will only be liable to the same extent we would have been liable had you complied with the compulsory insurance requirements.

- (d) It is understood that we are not an admitted or authorized insurer outside the United States of America, its territories and possessions, Puerto Rico and Canada. We assume no responsibility for the furnishing of certificates of insurance, or for compliance in any way with the laws of other countries relating to insurance.

G. WAIVER OF DEDUCTIBLE – GLASS

The following is added to Paragraph **D., Deductible**, of **SECTION III – PHYSICAL DAMAGE COVERAGE**:

No deductible applies under Specified Causes of Loss or Comprehensive coverage for "loss" to glass used in the windshield.

H. HIRED AUTO PHYSICAL DAMAGE – LOSS OF USE – INCREASED LIMIT

The following replaces the last sentence of Paragraph **A.4.b., Loss Of Use Expenses**, of **SECTION III – PHYSICAL DAMAGE COVERAGE**:

However, the most we will pay for any expenses for loss of use is \$65 per day, to a maximum of \$750 for any one "accident".

I. PHYSICAL DAMAGE – TRANSPORTATION EXPENSES – INCREASED LIMIT

The following replaces the first sentence in Paragraph **A.4.a., Transportation Expenses**, of **SECTION III – PHYSICAL DAMAGE COVERAGE**:

We will pay up to \$50 per day to a maximum of \$1,500 for temporary transportation expense incurred by you because of the total theft of a covered "auto" of the private passenger type.

J. PERSONAL PROPERTY

The following is added to Paragraph **A.4., Coverage Extensions**, of **SECTION III – PHYSICAL DAMAGE COVERAGE**:

Personal Property

We will pay up to \$400 for "loss" to wearing apparel and other personal property which is:

- (1) Owned by an "insured"; and
- (2) In or on your covered "auto".

This coverage applies only in the event of a total theft of your covered "auto".

No deductibles apply to this Personal Property coverage.

K. AIRBAGS

The following is added to Paragraph **B.3., Exclusions**, of **SECTION III – PHYSICAL DAMAGE COVERAGE**:

Exclusion **3.a.** does not apply to "loss" to one or more airbags in a covered "auto" you own that inflate due to a cause other than a cause of "loss" set forth in Paragraphs **A.1.b.** and **A.1.c.**, but only:

- a. If that "auto" is a covered "auto" for Comprehensive Coverage under this policy;
 - b. The airbags are not covered under any warranty; and
 - c. The airbags were not intentionally inflated.
- We will pay up to a maximum of \$1,000 for any one "loss".

L. NOTICE AND KNOWLEDGE OF ACCIDENT OR LOSS

The following is added to Paragraph **A.2.a.**, of **SECTION IV – BUSINESS AUTO CONDITIONS**:

Your duty to give us or our authorized representative prompt notice of the "accident" or "loss" applies only when the "accident" or "loss" is known to:

- (a) You (if you are an individual);
- (b) A partner (if you are a partnership);
- (c) A member (if you are a limited liability company);
- (d) An executive officer, director or insurance manager (if you are a corporation or other organization); or
- (e) Any "employee" authorized by you to give notice of the "accident" or "loss".

M. BLANKET WAIVER OF SUBROGATION

The following replaces Paragraph **A.5., Transfer Of Rights Of Recovery Against Others To Us**, of **SECTION IV – BUSINESS AUTO CONDITIONS**:

5. Transfer Of Rights Of Recovery Against Others To Us

We waive any right of recovery we may have against any person or organization to the extent required of you by a written contract signed and executed prior to any "accident" or "loss", provided that the "accident" or "loss" arises out of operations contemplated

by such contract. The waiver applies only to the person or organization designated in such contract.

N. UNINTENTIONAL ERRORS OR OMISSIONS

The following is added to Paragraph **B.2., Concealment, Misrepresentation, Or Fraud**, of **SECTION IV – BUSINESS AUTO CONDITIONS**:

The unintentional omission of, or unintentional error in, any information given by you shall not prejudice your rights under this insurance. However this provision does not affect our right to collect additional premium or exercise our right of cancellation or non-renewal.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BLANKET ADDITIONAL INSURED – PRIMARY AND NON-CONTRIBUTORY WITH OTHER INSURANCE

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

PROVISIONS

1. The following is added to Paragraph **A.1.c., Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

This includes any person or organization who you are required under a written contract or agreement between you and that person or organization, that is signed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, to name as an additional insured for Covered Autos Liability Coverage, but only for damages to which this insurance applies and only to the extent of that person's or organization's liability for the conduct of another "insured".

2. The following is added to Paragraph **B.5., Other Insurance** of **SECTION IV – BUSINESS AUTO CONDITIONS**:

Regardless of the provisions of paragraph a. and paragraph d. of this part **5. Other Insurance**, this insurance is primary to and non-contributory with applicable other insurance under which an additional insured person or organization is the first named insured when the written contract or agreement between you and that person or organization, that is signed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, requires this insurance to be primary and non-contributory.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BLANKET ADDITIONAL INSURED – WRITTEN CONTRACTS (ARCHITECTS, ENGINEERS AND SURVEYORS)

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

1. The following is added to SECTION II – WHO IS AN INSURED:

Any person or organization that you agree in a "written contract requiring insurance" to include as an additional insured on this Coverage Part, but:

- a. Only with respect to liability for "bodily injury", "property damage" or "personal injury"; and
- b. If, and only to the extent that, the injury or damage is caused by acts or omissions of you or your subcontractor in the performance of "your work" to which the "written contract requiring insurance" applies. The person or organization does not qualify as an additional insured with respect to the independent acts or omissions of such person or organization.

The insurance provided to such additional insured is limited as follows:

- c. In the event that the Limits of Insurance of this Coverage Part shown in the Declarations exceed the limits of liability required by the "written contract requiring insurance", the insurance provided to the additional insured shall be limited to the limits of liability required by that "written contract requiring insurance". This endorsement shall not increase the limits of insurance described in Section III – Limits Of Insurance.
- d. This insurance does not apply to the rendering of or failure to render any "professional services" or construction management errors or omissions.
- e. This insurance does not apply to "bodily injury" or "property damage" caused by "your work" and included in the "products-completed operations hazard" unless the "written contract requiring insurance" specifically requires you to provide such coverage for that additional insured, and then the insurance provided to the additional insured ap-

plies only to such "bodily injury" or "property damage" that occurs before the end of the period of time for which the "written contract requiring insurance" requires you to provide such coverage or the end of the policy period, whichever is earlier.

2. The following is added to Paragraph 4.a. of SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS:

The insurance provided to the additional insured is excess over any valid and collectible "other insurance", whether primary, excess, contingent or on any other basis, that is available to the additional insured for a loss we cover. However, if you specifically agree in the "written contract requiring insurance" that this insurance provided to the additional insured under this Coverage Part must apply on a primary basis or a primary and non-contributory basis, this insurance is primary to "other insurance" available to the additional insured which covers that person or organization as a named insured for such loss, and we will not share with that "other insurance". But this insurance provided to the additional insured still is excess over any valid and collectible "other insurance", whether primary, excess, contingent or on any other basis, that is available to the additional insured when that person or organization is an additional insured under any "other insurance".

3. The following is added to SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS:

Duties Of An Additional Insured

As a condition of coverage provided to the additional insured:

- a. The additional insured must give us written notice as soon as practicable of an "occurrence" or an offense which may result in a claim. To the extent possible, such notice should include:

COMMERCIAL GENERAL LIABILITY

- i. How, when and where the "occurrence" or offense took place;
 - ii. The names and addresses of any injured persons and witnesses; and
 - iii. The nature and location of any injury or damage arising out of the "occurrence" or offense.
- b.** If a claim is made or "suit" is brought against the additional insured, the additional insured must:
- i. Immediately record the specifics of the claim or "suit" and the date received; and
 - ii. Notify us as soon as practicable.
- The additional insured must see to it that we receive written notice of the claim or "suit" as soon as practicable.
- c.** The additional insured must immediately send us copies of all legal papers received in connection with the claim or "suit", cooperate with us in the investigation or settlement of the claim or defense against the "suit", and otherwise comply with all policy conditions.
- d.** The additional insured must tender the defense and indemnity of any claim or "suit" to

any provider of other insurance which would cover the additional insured for a loss we cover. However, this condition does not affect whether this insurance provided to the additional insured is primary to that other insurance available to the additional insured which covers that person or organization as a named insured.

- 4.** The following is added to the **DEFINITIONS** Section:

"Written contract requiring insurance" means that part of any written contract or agreement under which you are required to include a person or organization as an additional insured on this Coverage Part, provided that the "bodily injury" and "property damage" occurs and the "personal injury" is caused by an offense committed:

- a. After the signing and execution of the contract or agreement by you;
- b. While that part of the contract or agreement is in effect; and
- c. Before the end of the policy period.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

XTEND ENDORSEMENT FOR ARCHITECTS, ENGINEERS AND SURVEYORS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

GENERAL DESCRIPTION OF COVERAGE – This endorsement broadens coverage. However, coverage for any injury, damage or medical expenses described in any of the provisions of this endorsement may be excluded or limited by another endorsement to this Coverage Part, and these coverage broadening provisions do not apply to the extent that coverage is excluded or limited by such an endorsement. The following listing is a general coverage description only. Read all the provisions of this endorsement and the rest of your policy carefully to determine rights, duties, and what is and is not covered.

- | | |
|---|---|
| <ul style="list-style-type: none"> A. Non-Owned Watercraft – 75 Feet Long Or Less B. Who Is An Insured – Unnamed Subsidiaries C. Who Is An Insured – Retired Partners, Members, Directors And Employees D. Who Is An Insured – Employees And Volunteer Workers – Bodily Injury To Co-Employees, Co-Volunteer Workers And Retired Partners, Members, Directors And Employees E. Who Is An Insured – Newly Acquired Or Formed Limited Liability Companies F. Blanket Additional Insured – Controlling Interest G. Blanket Additional Insured – Mortgagees, Assignees, Successors Or Receivers | <ul style="list-style-type: none"> H. Blanket Additional Insured – Governmental Entities – Permits Or Authorizations Relating To Premises I. Blanket Additional Insured – Governmental Entities – Permits Or Authorizations Relating To Operations J. Incidental Medical Malpractice K. Medical Payments – Increased Limit L. Amendment Of Excess Insurance Condition – Professional Liability M. Blanket Waiver Of Subrogation – When Required By Written Contract Or Agreement N. Contractual Liability – Railroads |
|---|---|

PROVISIONS

A. NON-OWNED WATERCRAFT – 75 FEET LONG OR LESS

1. The following replaces Paragraph (2) of Exclusion g., **Aircraft, Auto Or Watercraft**, in Paragraph 2. of **SECTION I – COVERAGES – COVERAGE A – BODILY INJURY AND PROPERTY DAMAGE LIABILITY**:

- (2) A watercraft you do not own that is:
 - (a) 75 feet long or less; and
 - (b) Not being used to carry any person or property for a charge;

2. The following replaces Paragraph 2.e. of **SECTION II – WHO IS AN INSURED**:

- e. Any person or organization that, with your express or implied consent, either

uses or is responsible for the use of a watercraft that you do not own that is:

- (1) 75 feet long or less; and
- (2) Not being used to carry any person or property for a charge;

B. WHO IS AN INSURED – UNNAMED SUBSIDIARIES

The following is added to **SECTION II – WHO IS AN INSURED**:

Any of your subsidiaries, other than a partnership or joint venture, that is not shown as a Named Insured in the Declarations is a Named Insured if:

- a. You are the sole owner of, or maintain an ownership interest of more than 50% in, such subsidiary on the first day of the policy period; and

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- b. Such subsidiary is not an insured under similar other insurance.

No such subsidiary is an insured for "bodily injury" or "property damage" that occurred, or "personal and advertising injury" caused by an offense committed:

- a. Before you maintained an ownership interest of more than 50% in such subsidiary; or
- b. After the date, if any, during the policy period that you no longer maintain an ownership interest of more than 50% in such subsidiary.

For purposes of Paragraph 1. of Section II – Who Is An Insured, each such subsidiary will be deemed to be designated in the Declarations as:

- a. A limited liability company;
- b. An organization other than a partnership, joint venture or limited liability company; or
- c. A trust;

as indicated in its name or the documents that govern its structure.

C. WHO IS AN INSURED – RETIRED PARTNERS, MEMBERS, DIRECTORS AND EMPLOYEES

The following is added to Paragraph 2. of **SECTION II – WHO IS AN INSURED**:

Any person who is your retired partner, member, director or "employee" that is performing services for you under your direct supervision, but only for acts within the scope of their employment by you or while performing duties related to the conduct of your business. However, no such retired partner, member, director or "employee" is an insured for:

(1) "Bodily injury":

- (a) To you, to your current partners or members (if you are a partnership or joint venture), to your current members (if you are a limited liability company) or to your current directors;
- (b) To the spouse, child, parent, brother or sister of that current partner, member or director as a consequence of Paragraph (1)(a) above;
- (c) For which there is any obligation to share damages with or repay someone else who must pay damages because of the injury described in Paragraph (1)(a) or (b) above; or
- (d) Arising out of his or her providing or failing to provide professional health care services.

Unless you are in the business or occupation of providing professional health care services, Paragraphs (1)(a), (b), (c) and (d) above do not apply to "bodily injury" arising out of providing or failing to provide first aid or "Good Samaritan services" by any of your retired partners, members, directors or "employees", other than a doctor. Any such retired partners, members, directors or "employees" providing or failing to provide first aid or "Good Samaritan services" during their work hours for you will be deemed to be acting within the scope of their employment by you or performing duties related to the conduct of your business.

(2) "Personal injury":

- (a) To you, to your current or retired partners or members (if you are a partnership or joint venture), to your current or retired members (if you are a limited liability company), to your other current or retired directors or "employees" while in the course of his or her employment or performing duties related to the conduct of your business, or to your other "volunteer workers" while performing duties related to the conduct of your business;
- (b) To the spouse, child, parent, brother or sister of that current or retired partner, member, director, "employee" or "volunteer worker" as a consequence of Paragraph (2)(a) above;
- (c) For which there is any obligation to share damages with or repay someone else who must pay damages because of the injury described in Paragraph (2)(a) or (b) above; or
- (d) Arising out of his or her providing or failing to provide professional health care services.

(3) "Property damage" to property:

- (a) Owned, occupied or used by; or
- (b) Rented to, in the care, custody or control of, or over which physical control is being exercised for any purpose by;

you, any of your retired partners, members or directors, your current or retired "employees" or "volunteer workers", any current partner or member (if you are a partnership or joint venture), or any current member (if you are a limited liability company) or current director.

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D. WHO IS AN INSURED – EMPLOYEES AND VOLUNTEER WORKERS – BODILY INJURY TO CO-EMPLOYEES, CO-VOLUNTEER WORKERS AND RETIRED PARTNERS, MEMBERS, DIRECTORS AND EMPLOYEES

The following is added to Paragraph 2.a.(1) of **SECTION II – WHO IS AN INSURED**:

Paragraphs (1)(a), (b) and (c) above do not apply to "bodily injury" to a current or retired co-"employee" while in the course of the co-"employee's" employment by you or performing duties related to the conduct of your business, or to "bodily injury" to your other "volunteer workers" or retired partners, members or directors while performing duties related to the conduct of your business.

E. WHO IS AN INSURED – NEWLY ACQUIRED OR FORMED LIMITED LIABILITY COMPANIES

The following replaces Paragraph 3. of **SECTION II – WHO IS AN INSURED**:

3. Any organization you newly acquire or form, other than a partnership or joint venture, and of which you are the sole owner or in which you maintain an ownership interest of more than 50%, will qualify as a Named Insured if there is no other similar insurance available to that organization. However:

- a. Coverage under this provision is afforded only:

- (1) Until the 180th day after you acquire or form the organization or the end of the policy period, whichever is earlier, if you do not report such organization in writing to us within 180 days after you acquire or form it; or

- (2) Until the end of the policy period, when that date is later than 180 days after you acquire or form such organization, if you report such organization in writing to us within 180 days after you acquire or form it;

- b. Coverage **A** does not apply to "bodily injury" or "property damage" that occurred before you acquired or formed the organization; and
- c. Coverage **B** does not apply to "personal and advertising injury" arising out of an offense committed before you acquired or formed the organization.

For the purposes of Paragraph 1. of Section II – Who Is An Insured, each such

organization will be deemed to be designated in the Declarations as:

- a. A limited liability company;
 - b. An organization other than a partnership, joint venture or limited liability company; or
 - c. A trust;
- as indicated in its name or the documents that govern its structure.

F. BLANKET ADDITIONAL INSURED – CONTROLLING INTEREST

1. The following is added to **SECTION II – WHO IS AN INSURED**:

Any person or organization that has financial control of you is an insured with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" that arises out of:

- a. Such financial control; or
- b. Such person's or organization's ownership, maintenance or use of premises leased to or occupied by you.

The insurance provided to such person or organization does not apply to structural alterations, new construction or demolition operations performed by or on behalf of such person or organization.

2. The following is added to Paragraph 4. of **SECTION II – WHO IS AN INSURED**:

This paragraph does not apply to any premises owner, manager or lessor that has financial control of you.

G. BLANKET ADDITIONAL INSURED – MORTGAGEES, ASSIGNEES, SUCCESSORS OR RECEIVERS

The following is added to **SECTION II – WHO IS AN INSURED**:

Any person or organization that is a mortgagee, assignee, successor or receiver and that you have agreed in a written contract or agreement to include as an additional insured on this Coverage Part is an insured, but only with respect to its liability as mortgagee, assignee, successor or receiver for "bodily injury", "property damage" or "personal and advertising injury" that:

- a. Is "bodily injury" or "property damage" that occurs, or is "personal and advertising injury" caused by an offense that is committed,

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subsequent to the signing of that contract or agreement; and

- b. Arises out of the ownership, maintenance or use of the premises for which that mortgagee, assignee, successor or receiver is required under that contract or agreement to be included as an additional insured on this Coverage Part.

The insurance provided to such mortgagee, assignee, successor or receiver is subject to the following provisions:

- a. The limits of insurance provided to such mortgagee, assignee, successor or receiver will be the minimum limits that you agreed to provide in the written contract or agreement, or the limits shown in the Declarations, whichever are less.
- b. The insurance provided to such person or organization does not apply to:
 - (1) Any "bodily injury" or "property damage" that occurs, or any "personal and advertising injury" caused by an offense that is committed, after such contract or agreement is no longer in effect; or
 - (2) Any "bodily injury", "property damage" or "personal and advertising injury" arising out of any structural alterations, new construction or demolition operations performed by or on behalf of such mortgagee, assignee, successor or receiver.

H. BLANKET ADDITIONAL INSURED – GOVERNMENTAL ENTITIES – PERMITS OR AUTHORIZATIONS RELATING TO PREMISES

The following is added to **SECTION II – WHO IS AN INSURED**:

Any governmental entity that has issued a permit or authorization with respect to premises owned or occupied by, or rented or loaned to, you and that you are required by any ordinance, law, building code or written contract or agreement to include as an additional insured on this Coverage Part is an insured, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" arising out of the existence, ownership, use, maintenance, repair, construction, erection or removal of any of the following for which that governmental entity has issued such permit or authorization: advertising signs, awnings, canopies, cellar entrances, coal holes, driveways, manholes, marquees, hoist away

openings, sidewalk vaults, elevators, street banners or decorations.

I. BLANKET ADDITIONAL INSURED – GOVERNMENTAL ENTITIES – PERMITS OR AUTHORIZATIONS RELATING TO OPERATIONS

The following is added to **SECTION II – WHO IS AN INSURED**:

Any governmental entity that has issued a permit or authorization with respect to operations performed by you or on your behalf and that you are required by any ordinance, law, building code or written contract or agreement to include as an additional insured on this Coverage Part is an insured, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" arising out of such operations.

The insurance provided to such governmental entity does not apply to:

- a. Any "bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the governmental entity; or
- b. Any "bodily injury" or "property damage" included in the "products-completed operations hazard".

J. INCIDENTAL MEDICAL MALPRACTICE

- 1. The following replaces Paragraph **b.** of the definition of "occurrence" in the **DEFINITIONS** Section:

- b. An act or omission committed in providing or failing to provide "incidental medical services", first aid or "Good Samaritan services" to a person, unless you are in the business or occupation of providing professional health care services.

- 2. The following replaces the last paragraph of Paragraph **2.a.(1)** of **SECTION II – WHO IS AN INSURED**:

Unless you are in the business or occupation of providing professional health care services, Paragraphs **(1)(a), (b), (c)** and **(d)** above do not apply to "bodily injury" arising out of providing or failing to provide:

- (a) "Incidental medical services" by any of your "employees" who is a nurse, nurse assistant, emergency medical technician, paramedic, athletic trainer, audiologist, dietitian, nutritionist,

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occupational therapist or occupational therapy assistant, physical therapist or speech-language pathologist; or

- (b) First aid or "Good Samaritan services" by any of your "employees" or "volunteer workers", other than an employed or volunteer doctor. Any such "employees" or "volunteer workers" providing or failing to provide first aid or "Good Samaritan services" during their work hours for you will be deemed to be acting within the scope of their employment by you or performing duties related to the conduct of your business.
3. The following replaces the last sentence of Paragraph 5. of **SECTION III – LIMITS OF INSURANCE**:
- For the purposes of determining the applicable Each Occurrence Limit, all related acts or omissions committed in providing or failing to provide "incidental medical services", first aid or "Good Samaritan services" to any one person will be deemed to be one "occurrence".
4. The following exclusion is added to Paragraph 2., **Exclusions**, of **SECTION I – COVERAGES – COVERAGE A – BODILY INJURY AND PROPERTY DAMAGE LIABILITY**:

Sale Of Pharmaceuticals

"Bodily injury" or "property damage" arising out of the violation of a penal statute or ordinance relating to the sale of pharmaceuticals committed by, or with the knowledge or consent of the insured.

5. The following is added to the **DEFINITIONS** Section:
- "Incidental medical services" means:
- a. Medical, surgical, dental, laboratory, x-ray or nursing service or treatment, advice or instruction, or the related furnishing of food or beverages; or
 - b. The furnishing or dispensing of drugs or medical, dental, or surgical supplies or appliances.
6. The following is added to Paragraph 4.b., **Excess Insurance**, of **SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS**:
- This insurance is excess over any valid and collectible other insurance, whether primary, excess, contingent or on any other basis,

that is available to any of your "employees" for "bodily injury" that arises out of providing or failing to provide "incidental medical services" to any person to the extent not subject to Paragraph 2.a.(1) of Section II – Who Is An Insured.

K. MEDICAL PAYMENTS – INCREASED LIMIT

The following replaces Paragraph 7. of **SECTION III – LIMITS OF INSURANCE**:

7. Subject to Paragraph 5. above, the Medical Expense Limit is the most we will pay under Coverage C for all medical expenses because of "bodily injury" sustained by any one person, and will be the higher of:
- a. \$10,000; or
 - b. The amount shown in the Declarations of this Coverage Part for Medical Expense Limit.

L. AMENDMENT OF EXCESS INSURANCE CONDITION – PROFESSIONAL LIABILITY

The following is added to Paragraph 4.b., **Excess Insurance**, of **SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS**:

This insurance is excess over any of the other insurance, whether primary, excess, contingent or on any other basis, that is Professional Liability or similar coverage, to the extent the loss is not subject to the professional services exclusion of Coverage A or Coverage B.

M. BLANKET WAIVER OF SUBROGATION – WHEN REQUIRED BY WRITTEN CONTRACT OR AGREEMENT

The following is added to Paragraph 8., **Transfer Of Rights Of Recovery Against Others To Us**, of **SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS**:

If the insured has agreed in a written contract or agreement to waive that insured's right of recovery against any person or organization, we waive our right of recovery against such person or organization, but only for payments we make because of:

- a. "Bodily injury" or "property damage" that occurs; or
 - b. "Personal and advertising injury" caused by an offense that is committed;
- subsequent to the signing of that contract or agreement.

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N. CONTRACTUAL LIABILITY – RAILROADS

1. The following replaces Paragraph **c.** of the definition of "insured contract" in the **DEFINITIONS** Section:
 - c.** Any easement or license agreement;
2. Paragraph **f.(1)** of the definition of "insured contract" in the **DEFINITIONS** Section is deleted.