

PROFESSIONAL SERVICES CONTRACT BETWEEN
THE CITY OF HUNTINGTON BEACH AND
AZTEC ENGINEERING GROUP, INC.
FOR
ON-CALL CIVIL ENGINEERING
& PROFESSIONAL CONSULTING SERVICES

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

WHEREAS, CITY desires to engage the services of a consultant to provide On-Call Civil Engineering & Professional Consulting Services; and

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

CONSULTANT has been selected to perform these services,

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

1. SCOPE OF SERVICES

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

CONSULTANT hereby designates Michael Bruz 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 _____, 20____ (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 three (3) years from the Commencement Date. The time for performance of the tasks identified in **Exhibit "A"** are generally to be shown in **Exhibit "A."** This schedule may be amended to benefit the PROJECT if mutually agreed to in writing by CITY and CONSULTANT.

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

4. COMPENSATION

In consideration of the performance of the services described herein, CITY agrees to pay CONSULTANT on a time and materials basis at the rates specified in **Exhibit "B,"** which is attached hereto and incorporated by reference into this Agreement, a fee, including all costs and expenses, not to exceed Two Million Dollars (\$2,000,000.00).

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:

AZTEC Engineering Group, Inc.
Attn: Michael Bruz
501 N. 44th Street, Suite 300
Phoenix, AZ 85008

17. CONSENT

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

18. MODIFICATION

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

19. SECTION HEADINGS

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

20. INTERPRETATION OF THIS AGREEMENT

The language of all parts of this Agreement shall in all cases be construed as a whole, according to its fair meaning, and not strictly for or against any of the parties. If any provision of this Agreement is held by an arbitrator or court of competent jurisdiction to be unenforceable, void, illegal or invalid, such holding shall not invalidate or affect the remaining covenants and provisions of this Agreement. No covenant or provision shall be deemed dependent upon any other unless so expressly provided here. As used in this Agreement, the masculine or

neuter gender and singular or plural number shall be deemed to include the other whenever the context so indicates or requires. Nothing contained herein shall be construed so as to require the commission of any act contrary to law, and wherever there is any conflict between any provision contained herein and any present or future statute, law, ordinance or regulation contrary to which the parties have no right to contract, then the latter shall prevail, and the provision of this Agreement which is hereby affected shall be curtailed and limited only to the extent necessary to bring it within the requirements of the law.

21. DUPLICATE ORIGINAL

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

22. IMMIGRATION

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

23. LEGAL SERVICES SUBCONTRACTING PROHIBITED

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

24. ATTORNEY'S FEES

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

25. SURVIVAL

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

26. GOVERNING LAW

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

27. SIGNATORIES

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

28. ENTIRETY

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

Agreement. This Agreement, and the attached exhibits, contain the entire agreement between the parties respecting the subject matter of this Agreement, and supersede all prior understandings and agreements whether oral or in writing between the parties respecting the subject matter hereof.

29. EFFECTIVE DATE

This Agreement shall be effective on the date of its approval by the City Council.

This Agreement shall expire when terminated as provided herein.

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

CONSULTANT,
AZTEC ENGINEERING GROUP, INC.

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

By: 
Michael Cruz, Vice President
print name

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

AND
By: 
Tara Strong, SVP Finance
print name

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

Mayor

City Clerk

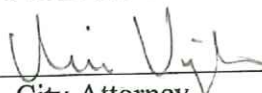
INITIATED AND APPROVED:

Director of Public Works

REVIEWED AND APPROVED:

City Manager

APPROVED AS TO FORM:



City Attorney 

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CONSULTANT,
AZTEC ENGINEERING 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

Mayor

City Clerk

INITIATED AND APPROVED:

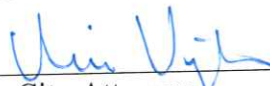


Director of Public Works

REVIEWED AND APPROVED:

City Manager

APPROVED AS TO FORM:



City Attorney 

EXHIBIT "A"

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

Provide On-Call Civil Engineering and Professional Consulting Services. If Consultant chooses to assign different personnel to the project, Consultant must submit names and qualifications of these staff to City for approval before commencing work.

B. CONSULTANT'S DUTIES AND RESPONSIBILITIES:

See Attached Exhibit A

C. CITY'S DUTIES AND RESPONSIBILITIES:

1. Furnish Scope of Work and provide a request for proposal for each project.
2. City shall issue a task order for each project based upon scope of services, work schedule, and fee proposal submitted.

D. WORK PROGRAM/PROJECT SCHEDULE:

A project schedule will be developed for each project assigned by the City.

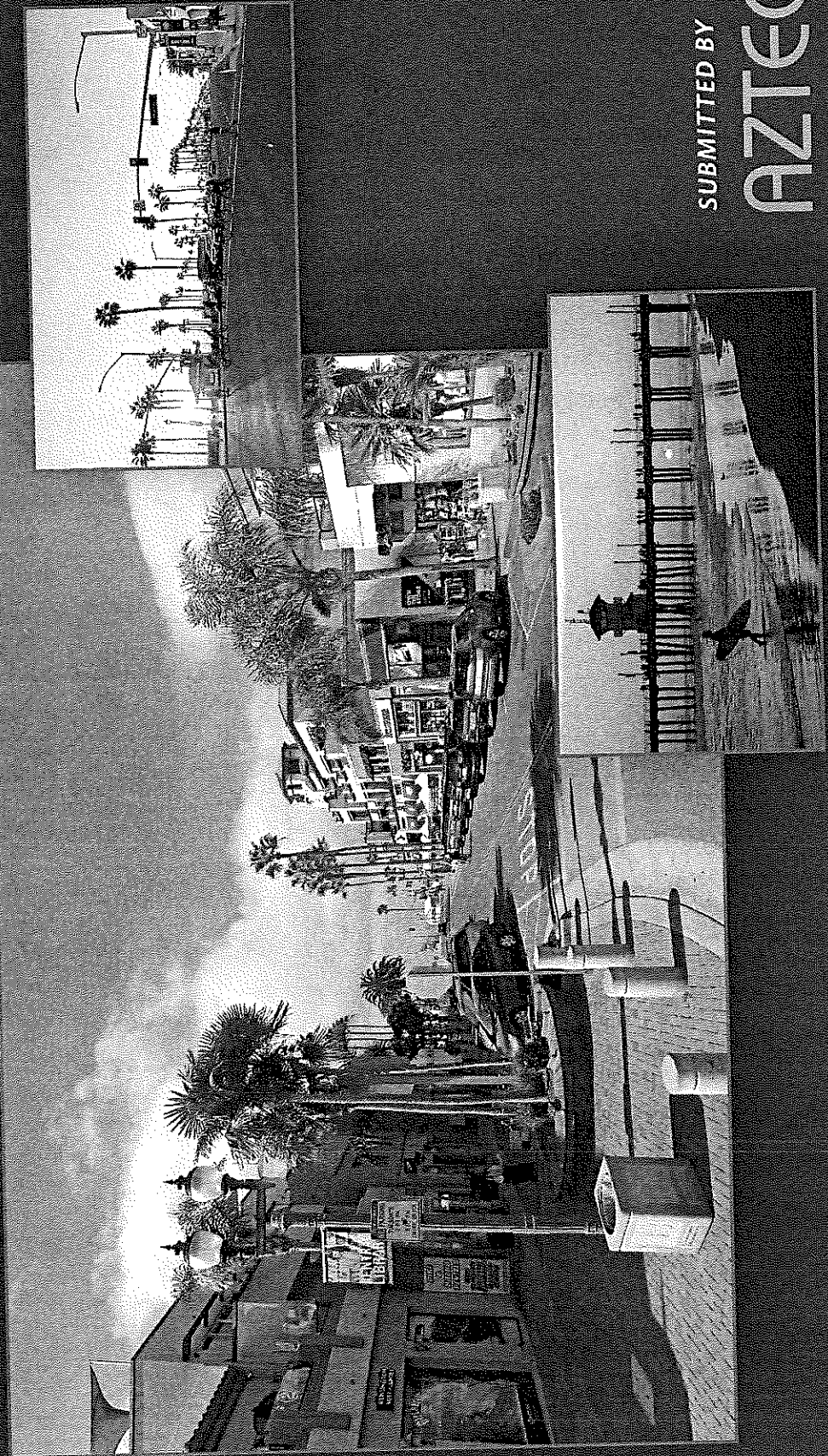
MARCH 13, 2025

PROPOSAL FOR

**ON-CALL CIVIL ENGINEERING
PROFESSIONAL CONSULTING SERVICES
B. GENERAL CIVIL ENGINEERING**



EXHIBIT A



SUBMITTED BY

AZTEC

TYPSA

Disciplines of Civil Engineering Services Application Form

Circle all that apply

Civil Engineering Service Area	Bidding? Y/N (circle)
• Water/Sewer/Storm Water Engineering	Yes / ☐ No
• General Civil Engineering	☒ Yes / No
• Ocean Engineering	Yes / ☐ No
• Environmental/Water Quality	Yes / ☐ No



ON-CALL CIVIL ENGINEERING
PROFESSIONAL CONSULTING SERVICES
B. GENERAL CIVIL ENGINEERING

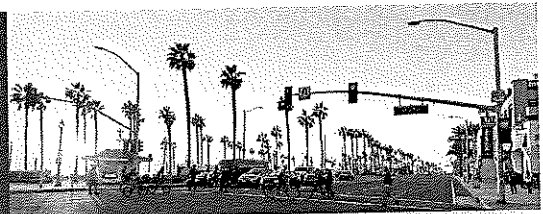
Disciplines of Civil Engineering
Services Application Form

AZTEC TVPSA

TABLE OF CONTENTS

A	Vendor Application Form and Cover Letter	page 1
B	Background and Project Summary Section	page 3
C	Methodology Section	page 4
D	Staffing	page 10
E	Qualifications	page 11
	Appendix	

A. VENDOR APPLICATION FORM



REQUEST FOR PROPOSAL VENDOR APPLICATION FORM

TYPE OF APPLICANT: ☐ NEW ☒ CURRENT VENDOR

Legal Contractual Name of Corporation: AZTEC Engineering Group, Inc.

Contact Person for Agreement: Michael Bruz, PE, Contract Manager

Corporate Mailing Address: 30 Executive Park, Suite 120

City, State and Zip Code: Irvine, CA 92614

E-Mail Address: mbruz@aztec.us

Phone: 480.455.2332 Fax: _____

Contact Person for Proposals: Steven Ogburn, PE

Title: Task Order Manager E-Mail Address: sogburn@aztec.us

Business Telephone: 602.369.6416 Business Fax: _____

Year Business was Established: 1992

Is your business: (check one)

☐ NON PROFIT CORPORATION ☒ FOR PROFIT CORPORATION

Is your business: (check one)

☒ CORPORATION ☐ LIMITED LIABILITY PARTNERSHIP
☐ INDIVIDUAL ☐ SOLE PROPRIETORSHIP
☐ PARTNERSHIP ☐ UNINCORPORATED ASSOCIATION



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

Names	Title	Phone
Rafael Valero	President	602.454.0402
Scott McKenzie	CEO / CFO / Secretary	714.656.2805
Mark Chase	COO	602.454.0402
Carlos Tarazaga	Senior Vice President	714.656.2805
Michael Bruz	Senior Vice President	480.455.2332
Tim Mahon	Senior Vice President	480.510.2415

Federal Tax Identification Number: 86-1014350

City of Huntington Beach Business License Number: A321254
(If none, you must obtain a Huntington Beach Business License upon award of contract.)

City of Huntington Beach Business License Expiration Date: 02/28/2026

Additional list of Names and Titles of persons with written authorization/resolution to sign contracts.

Name	Title	Phone
Kara Strong	Senior Vice President	602.454.0402
Curt Slagell	Senior Vice President	602.454.0402
Javier Damia-Levy	Senior Vice President	602.454.0402
Michael Amling	Senior Vice President	714.656.2805
Karim Dada	Senior Vice President	714.656.2805
Mike Shirley	Senior Vice President	602.454.0402
Ignacio de la Hera Sola	Vice President	602.454.0402



COVER LETTER

March 13, 2025

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

RE: Response to Request for Proposal (RFP) for On-Call Civil Engineering Professional Consulting Services
Category B - General Civil Engineering

Dear Members of the Selection Panel:

AZTEC Engineering Group, Inc. (AZTEC) is thrilled to submit this proposal to provide On-Call Civil Engineering Professional Consulting Services (Category B - General Civil Engineering) to the City of Huntington Beach (City). The City (also known as Surf City USA) is known for its ideal climate and coastal lifestyle. However, like many Southern California Cities, the City faces an aging infrastructure system and fiscal constraints that results in challenges to both maintaining and improving the necessary infrastructure to support its residents, businesses, and visitors. AZTEC understands the importance of engineering excellence, which serves as our foundation for delivering successful projects. AZTEC's staff have the right combination of experience, responsiveness, and dependability to successfully deliver every task order that may be assigned to us. **We are a firm focused on client service and value on-time delivery, fiscal responsibility and sustainability in our planning and design efforts.** We have the necessary resources, expertise and innovation to assist the City in delivering on its infrastructure commitments to its residents.

Founded in 1992 as a two-person DBE firm, AZTEC Engineering Group, Inc. is a full-service engineering and environmental consulting firm recognized for our ability to provide client-focused professional services. AZTEC is part of the TYPESA Group, a global engineering, environmental

and architectural firm with annual revenues of more than \$350M, and more than 3,600 staff in 60 offices worldwide. As the U.S. arm of TYPESA with a staff of approximately 200 professional, technical, and support personnel, we provide innovative engineering and environmental solutions and effectively deliver any size project. We have the resources of a global firm available at our fingertips but are locally nimble and 100% committed to successfully completing any task order that may be assigned to us. We will manage this contract from our Irvine office at the address shown above.

WE KNOW HOW TO DELIVER ENGINEERING SOLUTIONS.

Our proposal shows AZTEC's ability to provide professional services for all disciplines outlined in Category B. General Civil Engineering Services and facilitate the City's public works delivery objectives. AZTEC is client-focused and truly set up to deliver projects promptly and efficiently. We have completed hundreds of public works projects for all stages of project development from initial studies to final design and construction administration.

OUR PEOPLE MAKE THE DIFFERENCE.

Our Contract Manager (CM), Michael Bruz, PE, will lead Team AZTEC. Michael leads our current Civil Engineering On-Call Contract with the City of Huntington Beach and over his career, Michael has worked in nearly all of the coastal communities in Orange County including Huntington Beach,

AZTEC

TYPESA

AZTEC Engineering Group, Inc.
30 Executive Park, Suite 120
Irvine, CA 92614
714.656.2805



ON-CALL CIVIL ENGINEERING PROFESSIONAL CONSULTING SERVICES
B. GENERAL CIVIL ENGINEERING

A. Cover Letter | page 1

AZTEC
TYPESA

Laguna Beach, Newport Beach, San Clemente, and Seal Beach. He will leverage his strong familiarity with On-Call contracts as he has led (and continues to lead) dozens of on-call/as-needed services contracts with agencies throughout Southern California. He is well-versed in the on-call contract/task order process and is looking forward to continuing our established professional relationship with the City through this contract. As Contract Manager, Michael is also available to lead task orders as well.

Michael will be supported by an Irvine-based team including Task Order Managers, Steven Ogburn, PE, Natalya Shikaloff, PE, and Sonia Alonso, PE who bring well-rounded and successful experience delivering projects in Southern California and technical expertise in wide array of civil engineering disciplines.

DEDICATED SUBCONSULTANT TEAM.

To strengthen our team and provide a comprehensive, full-service team available to the City for this contact, we have included three (3) specialty subconsultant firms on our team including CL Survey and Mapping, Inc. (Survey), GMU Geotechnical, Inc. (GMU) (geotechnical and pavement engineering) and JS & TM (NPDES, WQMP and SWPPP). In addition, CL Survey and JS & TM are DBE/MBE/SBE firms.

OUR PASSION DRIVES US TO EXCEL.

AZTEC's greatest pleasure is serving our clients. We are very familiar with the specific needs of on-calls through similar contracts for numerous cities, counties, and agencies. Our team will leverage their knowledge and experience to effectively meet the City's goals in this category. The projects presented in our proposal demonstrate our flexibility and innovation where we employed cost-effective strategies to reach performance goals and deliver within the required schedule.

WE CHAMPION QUALITY DELIVERABLES ON TIME AND WITHIN BUDGET.

Key team members were selected based on their experience and availability. We follow well-established and time-proven procedures to manage our project work. You can absolutely rely on AZTEC to successfully deliver assigned projects, on time and within budget.

Key Benefits AZTEC brings to the City of Huntington Beach include:

- ✓ Contract Manager with proven experience managing teams with multiple subconsultant firms and on-call contracts.
- ✓ Engineering technical leads with the right combination of skills and experience to successfully deliver any assigned task order.
- ✓ Proven experience in successfully managing and delivering multiple/concurrent task orders.
- ✓ Risk Assessment on every Task Order Assignment.
- ✓ A team with the available resources, expertise and flexibility to meet the City's needs.
- ✓ Team members who have successfully delivered on prior Huntington Beach contracts and bring experience with Huntington Beach processes and practices along with a demonstrated commitment to excellence.
- ✓ Team AZTEC has knowledge of and working relationships with Huntington Beach, local jurisdictions and environmental/regulatory permitting agencies.
- ✓ A team with the depth of resources to successfully deliver any assigned task order.

WE ARE READY TO PARTNER WITH THE CITY.

Our successful project delivery history along with our relevant on-call contract and project experience combined with our client-focused approach to project delivery makes AZTEC an ideal partner for the City on this contract. Our proposal price is valid for 180 days from the date of this letter. Should you have any questions, please contact me at the information below.

Sincerely,
AZTEC Engineering Group, Inc.



Michael Bruz, PE

Contract Manager | Vice President

D: 480.455.2332

E: mbruz@aztec.us



ON-CALL CIVIL ENGINEERING PROFESSIONAL CONSULTING SERVICES
B. GENERAL CIVIL ENGINEERING

A. Cover Letter | page 1



B. BACKGROUND AND PROJECT SUMMARY SECTION

UNDERSTANDING

The City of Huntington Beach has enjoyed a unique and rich history in its first century. Since 1909, the City has grown in land area, population, employment, transportation, and opportunity and is now the largest coastal City in Orange County. Today, Huntington Beach has matured into a City with less than 1% of its land vacant. The City is known for its pristine beaches, diverse family-friendly community, and renowned Downtown. The City attracts millions of visitors from around the world, who enjoy the weather, recreation, events, and shopping. While experiencing steady population and economic growth, the City continues to meet the challenge of preserving its beach city culture and identity (Surf City USA), protecting its natural resources, and enhancing quality of life for all community members. To best serve the community, the City must develop, maintain, and operate its infrastructure in the most effective way possible to maximize the value of every dollar invested in it. Safe streets to drive on, traffic signals, storm drain, water and sewer systems that function properly, adequate access (sidewalks/trails) and quality recreation spaces are important to the community.

Huntington Beach has an aging infrastructure system that serves over 192,000 residents and over 11,000,000 annual visitors. Like many local communities, the City has fiscal constraints

that result in challenges to both maintaining and improving the necessary infrastructure to support its residents, businesses, and visitors.

WORK TO BE DONE

To keep up on its infrastructure needs, the City anticipates a steady amount of construction activity in the next three years for various public works infrastructure projects, including but not limited to: rehabilitation of roads, alleys, bridges, curb, gutter, and sidewalks within the public right-of-way, as well as off-street improvements such as rehabilitation of City parking lots.

OBJECTIVES

The objectives of this contract can be summarized as follows: Deliver quality infrastructure improvements on time and on budget by partnering with knowledgeable, experienced, and technologically savvy consultant firms that value and embrace a client service-based philosophy.

AZTEC has a proven reputation for successfully delivering to the most aggressive schedules while operating within strict budgets to meet the scope of the project. We know that scope, schedule, and budget all go hand in hand, and all need to be monitored and managed in parallel.



C. METHODOLOGY SECTION

IMPLEMENTATION PLAN PROJECT MANAGEMENT METHODS AND CONTROLS

Our approach for all contracts is focused on first-class customer service, proactive communication, and responsiveness. From the onset, we will ask clarifying questions to ensure a solid understanding ("meeting of the minds") of the City's expectations for each specific task order. These initial steps are particularly important to get off on the right foot as the task orders are anticipated to vary in type, size and complexity.

AZTEC demonstrated this focus on our recent Wagon Wheel Neighborhood Pavement Rehabilitation Project for Orange County Public Works. The project included residential streets, an adjacent arterial street (Oso Parkway) and access to Wagon Wheel Elementary School. Our efforts began at the project kick-off meeting and continued until the project was successfully delivered. Throughout the project, proactive communication of potential issues to OCPW staff allowed adequate time to develop and discuss potential solutions and make necessary adjustments to avoid project delays and/or increase project costs. Responsiveness is key to successful project delivery, and we strive to respond to e-mails and phone calls the same day.

PROJECT PROGRESS AND DESIGN REVIEW MEETINGS

On a regular basis (anticipated to be monthly), AZTEC will attend and chair project team meetings with the project team. The purpose of these meetings will be to discuss the project objectives, review schedule and work progress to date, resolve critical issues promptly, address any budget and/or schedule issues and concerns, and discuss other pertinent issues. Meetings will be made more effective by using an action item matrix (which identifies issues, responsible parties, and deadlines) and detailed, timely meeting minutes.

AZTEC understands the importance of mobilizing quickly, promptly assessing project challenges and identifying solutions, and providing the requested services on time, within budget and with the highest level of quality. We will communicate regularly with the City PM regarding project progress.

PROJECT CONTROLS

We understand that budget and schedule control are important to the City. Scope, schedule and budget all go hand in hand, and all need to be monitored in parallel. A key to our success is a proactive approach tailored to project-specific issues that historically threaten schedules and budgets, such as right of way, utilities, and environmental compliance.

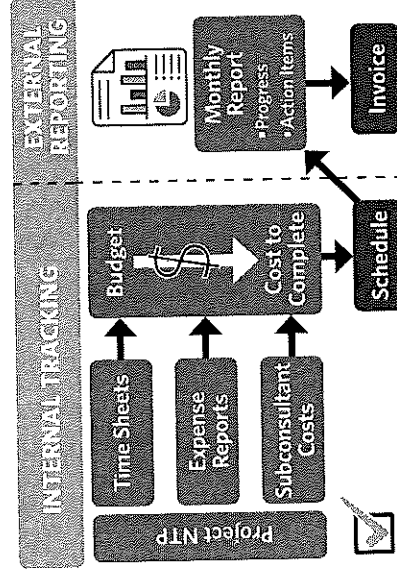
BUDGET MANAGEMENT

AZTEC has a two-tiered approach to budget control. The first is management of costs associated with design services and the second the management of construction costs.

DESIGN COSTS

AZTEC has earned a reputation for providing value and delivering quality projects on time and within budget. AZTEC uses Deltek as our primary Management Information System tool. This task-based software gives us nearly unlimited flexibility to internally monitor and control project progress and budget on a regular basis (Figure 1 below). It gives us the ability to make the Work Breakdown Structure (WBS) as simple or as complex as needed by dividing the project into easily manageable subtasks. Our Contract Manager (Michael Bruz) will work with

Figure 1. Project Controls



his Task Order managers to carefully monitor project costs on a regular basis to identify potential trends that could lead to cost overruns. Corrective action will be taken immediately if the project data indicates a variance from expectations.

CONSTRUCTION COST ESTIMATE

Having accurate cost estimates are paramount to the City's overall Capital Improvements Program. These construction costs are regularly tracked so the entire team is aware of the project costs prior to each milestone submittal. At the beginning stages of project developments, we can quickly revise project concepts as necessary and update the cost estimates in real time. With a keen approach to always providing PS&E documents that are biddable and constructible, we will work with the City to ensure project costs are realistic. Using recent project bid data is the most reliable way to establish accurate unit rates.

With continuing volatility in the construction market it is imperative that we use bid data that is current, valid, and industry confirmed. For unique items that do not have recent bid tabulation information available, we will break down the work into its raw components and use unit rates from a recent version of the Means Heavy Construction Cost Data Guide or similar reference. We will update the construction cost estimate at each milestone submittal and manage it so that any changes can be traced to the origin and readily explained and/or mitigated. Estimates will be thoroughly documented as to any items omitted and escalation and contingencies are included.

INTERNAL AND EXTERNAL STAKEHOLDERS INVOLVEMENT

Every project includes the involvement of stakeholders whether internal and/or external and AZTEC understands the importance of soliciting input from project stakeholders early in the project development phase. Identifying and involving internal stakeholders starts with a conversation with the City's Project Manager regarding the task order needs and required approvals. From this conversation, we can identify and include the internal stakeholders in the project meetings and decision-making process. External stakeholders could include utility owners, permitting/resource agencies, Caltrans, OCPW and other public and private entities (such as homeowner associations). To minimize the risk associated with stakeholder decisions that could come late in the project development process and adversely impact the project, AZTEC embraces a thoughtful approach to identifying and involving the stakeholders. The process begins with notifying the stakeholders of the project, schedule and budget. Although the overall project will be discussed with each stakeholder, issues specific to that stakeholder will be a focal point in our discussions with them. Typically, stakeholders are invited to participate in the scheduled project team meetings when their input is needed but oftentimes conflicts arise, and the stakeholders can't make it to the meeting. When that occurs, the AZTEC task order manager will personally contact the stakeholder(s) to review the meeting and to specifically discuss the needed stakeholder input. Once input is received from the stakeholder(s) it is documented in the meeting minutes, an email or phone log and

AZTEC's design team working with the public to walk them through the planned improvements for a Complete Streets Improvement project.



discussed with the City's Project Manager and considered for inclusion into the project.

IMPLEMENTATION STRATEGIES AND TECHNIQUES

Whether developing preliminary planning and engineering documents or final plans, specifications and estimates, it is imperative to confirm the task order goals, objectives and schedule as early in the task order process as possible. Our objectives for every task order are to minimize risk, implement technology, consider and include innovation, provide quality deliverables, and as your partner, expect and provide open and honest communication to deliver the task order on time and on/under budget. Successful project delivery relies on an experienced, knowledgeable and motivated team lead by a focused task order manager who isn't afraid to consider and implement ideas from any member of the project team. The use of technology such as AutoCAD Civil 3D (where warranted) to identify potential issues and streamline the project delivery process is imperative.



EFFORTS TO MEET REQUIREMENTS AND ACHIEVE CLIENT SATISFACTION

Knowing that we will be your trusted partner on this contract, it is imperative that we have a clear understanding of the needs and the City's expectations for each task order that may be assigned to us. AZTEC takes a holistic approach to project delivery that is focused on first-class customer service, proactive communication, and responsiveness. From the start of each task order, we will engage as partners with the City to ensure a solid understanding of the task order and a "meeting of the minds" regarding the task order objectives and the City's expectations.

Using our "meeting of the minds" as the foundational element in the task order kickoff meeting, we will invite the project stakeholders as appropriate to attend and provide input. Ideas, requirements, and expectations will be discussed to assure that everyone is on the same page. Moving forward through the project, we will conduct regularly scheduled project meetings (typically virtual) to discuss progress, risks, opportunities for technology and innovation, and schedule. If any discrepancies are identified, we will work diligently to identify and resolve them. Regular "check-ins" will be conducted with the AZTEC Task Order Manager and City Task Order Manager to discuss progress and performance. We will also utilize Deltek Vision to monitor the financial performance of the project - Deltek provides a weekly budget update and if needed, course corrections will be implemented to bring the project back on track.

THE FIRST 45 DAYS - ESTABLISHING DIRECTION & MOMENTUM

The key to our past success in project delivery has been establishing solid direction and momentum in the first 45 days. Select representative elements of the AZTEC Team's first 45 days are presented in Figure 2 below.

Figure 2. First 45 Days - Establishing Direction & Momentum

TASK	EXPECTED OUTCOME
Planning and Design	
Collect relevant project data	Updated previous record data
Perform field topographic survey work and prepare project base map	Surveys to be completed consistent with the project needs
Perform field review and photo log	Detailed record of existing conditions for reference
Develop a utility contact list and prepare information request letters	Updated utility contact list and utility records
Initiate the pavement investigation and testing	Serves as a guide for pavement and foundation strategies
Develop preliminary geometric drawings	Serves as reference for City review and concurrence of the geometrics
Convene a project kick-off meeting	Initiate a dialogue, provide a briefing of all past work, review City goals and expectations and overview the First 45-Day Work Plan
Environmental	
Review and confirm mitigation measures (if any)	Clear identification of mitigation measures to be incorporated into the project
Management	
Develop overall work plan, baseline schedule, QA/QC Plan	Establishes overall management plan and approach
Hold internal team kick-off meeting and establish weekly AZTEC Team coordination meeting	Defines internal team expectations, sets standing agenda, and ensures First 45-Day Plan is followed
Initiate PDT Meetings	Orients all new team members to past work and builds relationships early
Secure signed subconsultant agreements	All firms have properly executed agreements to avoid project start up delay



Satisfying the Scope of Work Requirements
Whether improving ADA compliant accessibility, rehabilitating worn pavement, improving drainage or transforming a roadway into a complete street corridor that improves access/accommodations for bicyclists and pedestrians, all task orders will present challenges that could include developing traffic control plans to minimize impacts to residents and motorists, removing and reconstructing concrete improvements (ramps, sidewalk, curb and gutter) and asphalt concrete pavement, relocating and/or adjusting utility appurtenances to grade and, identifying street trees for removal and replacement.

With those primary challenges in mind, AZTEC will develop a well-defined path forward for each task order to minimize any impacts that could add cost to the project(s) or potentially delay the design and construction of it. We will place an emphasis on harnessing the value of all previous investments, as well as utilizing the technical and organizational command the AZTEC Team has at its disposal. Quite simply, it is about being very well organized and effectively “planning the plan and working the plan”.

APPROACH TO SCHEDULE & DELIVERABLES

Team AZTEC understands that the City is under tremendous pressure to meet the demands of the public to deliver projects within, or ahead of, programmed completion dates. AZTEC takes schedule commitments very seriously. We have a proven reputation for maintaining the most aggressive schedules while operating within agreed-to budgets. An initial project schedule will be submitted to the City after NTP, discussed at the kick-off meeting and then updated as needed. Our staff meets on a daily basis to

discuss pertinent project issues, elaborating on procedures to ensure the schedule stays on track. The schedule will be updated on a regular basis, discussed at management meetings, revised, and utilized in the field. Our strategies to avoid schedule slippage include:

- ✓ Prioritize clear, regular, and efficient communication/coordination
- ✓ Maintain close contact with the City as well as technical staff for consensus building
- ✓ Facilitate kick-off meetings with all stakeholders to establish communication links and agreement on project expectations, objectives and schedule
- ✓ Identify and aggressively address critical path or long-lead-time tasks and items
- ✓ Ensure that the environmental review process and the project deliverables satisfy the statutes and guidelines of current CEQA, and regulatory procedures, as applicable
- ✓ Monitor staff commitments and identify additional resource capacity to accelerate tasks
- ✓ Regular client and consultant project status meetings and tracking with clear meeting notes and documentation of action items and decision points for prompt resolution
- ✓ Foster team accountability toward deliverable deadlines
- ✓ Conduct QA/QC and independent checks well before submittal due dates

AZTEC AND CITY STAFF ROLES

Successful delivery of each task order requires an interactive partnership between the City and AZTEC. To provide a quality bid document package and streamline the project delivery process, there are specific roles that each of us will take on and lead throughout the typical

project development process. A summary of these roles/tasks includes:

CITY OF HUNTINGTON BEACH

- Provide all available record drawings and project data (including any utility contact information)
- Provide Right of Way Information
- Obtain Environmental Approval
- Participate in Monthly Project Development Team (PDT) Meetings
- Coordinate with City (Internal) Departments Regarding Input/Comments
- Bring City Decision Makers to the Table as Appropriate
- Develop the construction budget
- Provide Feedback on Pre-Submittal Concepts
- Conduct Submittal Reviews and Provide Comments

AZTEC

- Provide Overall Project Management
- Coordinate and Lead Monthly PDT Meetings
- Develop and Maintain the Project Schedule
- Maintain the Project Budget (design and construction)
- Issue Utility Notices and Provide Utility Coordination
- Perform Aerial/Field Topographic Surveys and Prepare Base Map
- Review City Provided Environmental Documentation
- Develop Concept Plans (35% level)
- Confirm Design Conforms to City Standards
- Develop Final Plans, Specifications and Estimates
- Respond to City Submittals Review Comments
- Prepare and Submit Monthly Progress Reports and Invoices



TECHNICAL APPROACH

AZTEC utilizes proven techniques that have been successful on previous on-call contracts throughout Southern California (including Huntington Beach). We will provide on-call civil engineering services from our Irvine office as our Contract Manager (Michael Bruz) and key staff members are based in our Irvine office. Upon notice of a task order assignment, Michael and his proposed Task Order managers will meet with the City to discuss the objectives, schedule, and budget. We will come to a "meeting of the minds" and will then provide a written scope of services, professional fee and schedule required to complete the assigned Task Order.

METHODOLOGY

Through our ongoing work for the City, AZTEC has become very familiar with the City's design policies, standards, and procedures. This knowledge will allow us to meet aggressive schedules and budgets. General civil engineering projects typically include various design tasks related to the alignment, profile, and construction sequence. To maximize effectiveness and efficiency, work efforts for each task order will be performed in a logical sequence. The process for implementing the proper design of engineering projects is often divided into two distinct phases: Preliminary Engineering and Final PS&E, as summarized in **Figures 3** (at right) and **4** (next page).

QUALITY CONTROL PLAN

AZTEC has a comprehensive quality control process that is followed on all projects, large or small. We know that implementation of a comprehensive and well-executed Quality Control Plan (QCP) will result in superior quality deliverables, shorter review times and satisfied clients. AZTEC weaves QA/QC efforts throughout the fabric of our project development process (**Figure 5** next page). Our QCP is intentionally structured, so that all work is done correctly the first time, and all design documents and reports comply with contract requirements, meet design criteria, and reflect good engineering practice. All team members, including our subconsultants, receive a copy of the QCP outlining responsibilities and procedures for preparing and checking all documents. AZTEC's effective QCP ensures a high-quality final product because we audit the completion of these requirements.

Figure 3. Preliminary Engineering TO Process

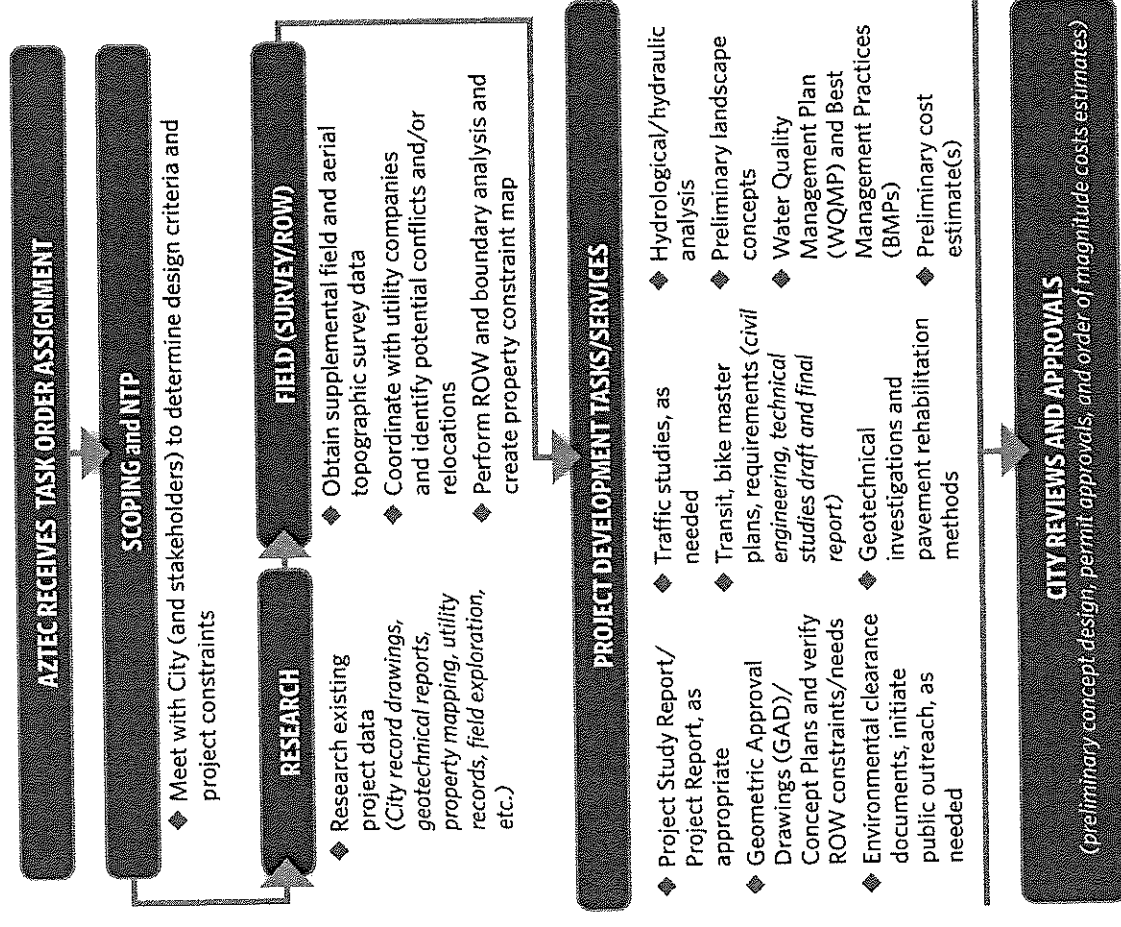
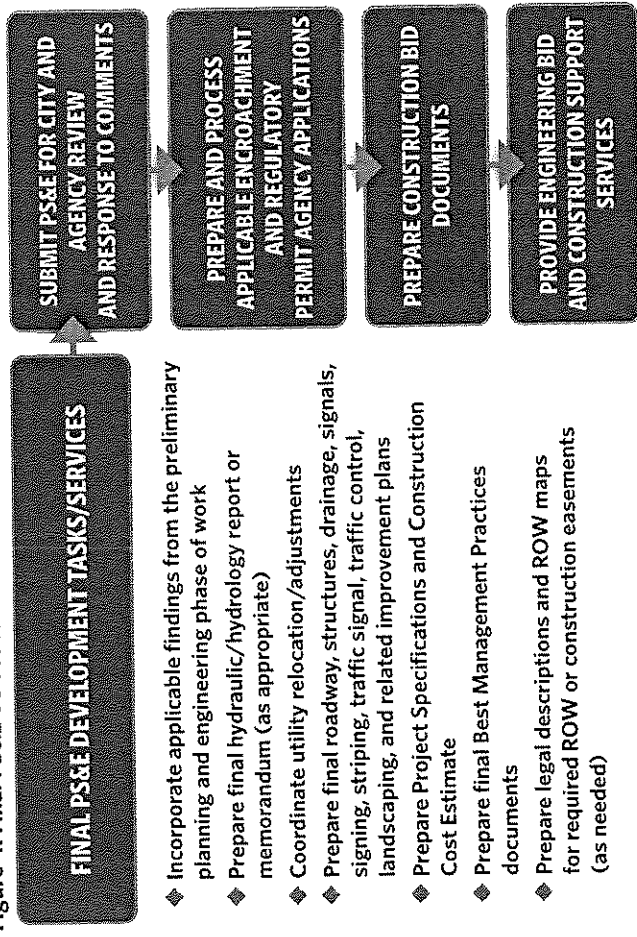


Figure 4. Final PS&E TO Process

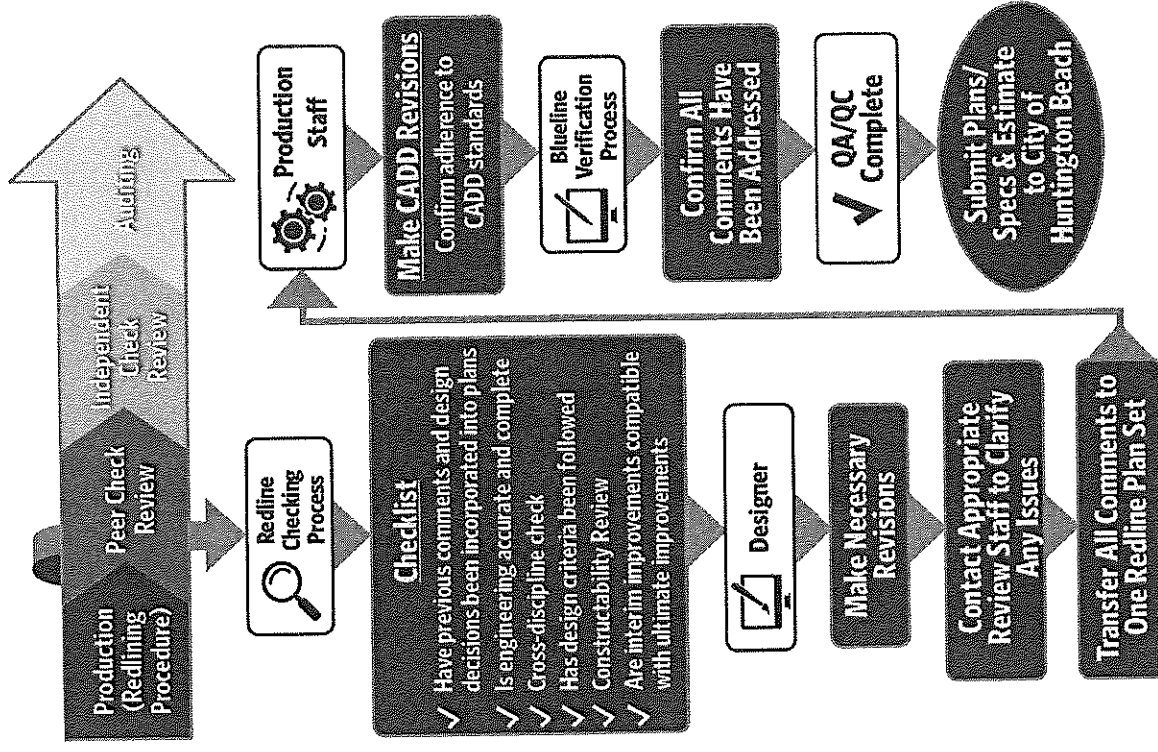


Independent Design Check: Experienced engineers with a thorough understanding of project requirements will perform design checks independent of the document originator.

Discipline and Interdisciplinary/Constructability Reviews: Will be performed for discipline-specific quality, coordination between disciplines, and constructability considerations while ensuring environmental compliance.

Quality Assurance Audits: Audits will be routinely performed so we can ensure all formal submittals follow the QA/QC procedures.

Figure 5. AZTEC's Quality Control Process



D. STAFFING

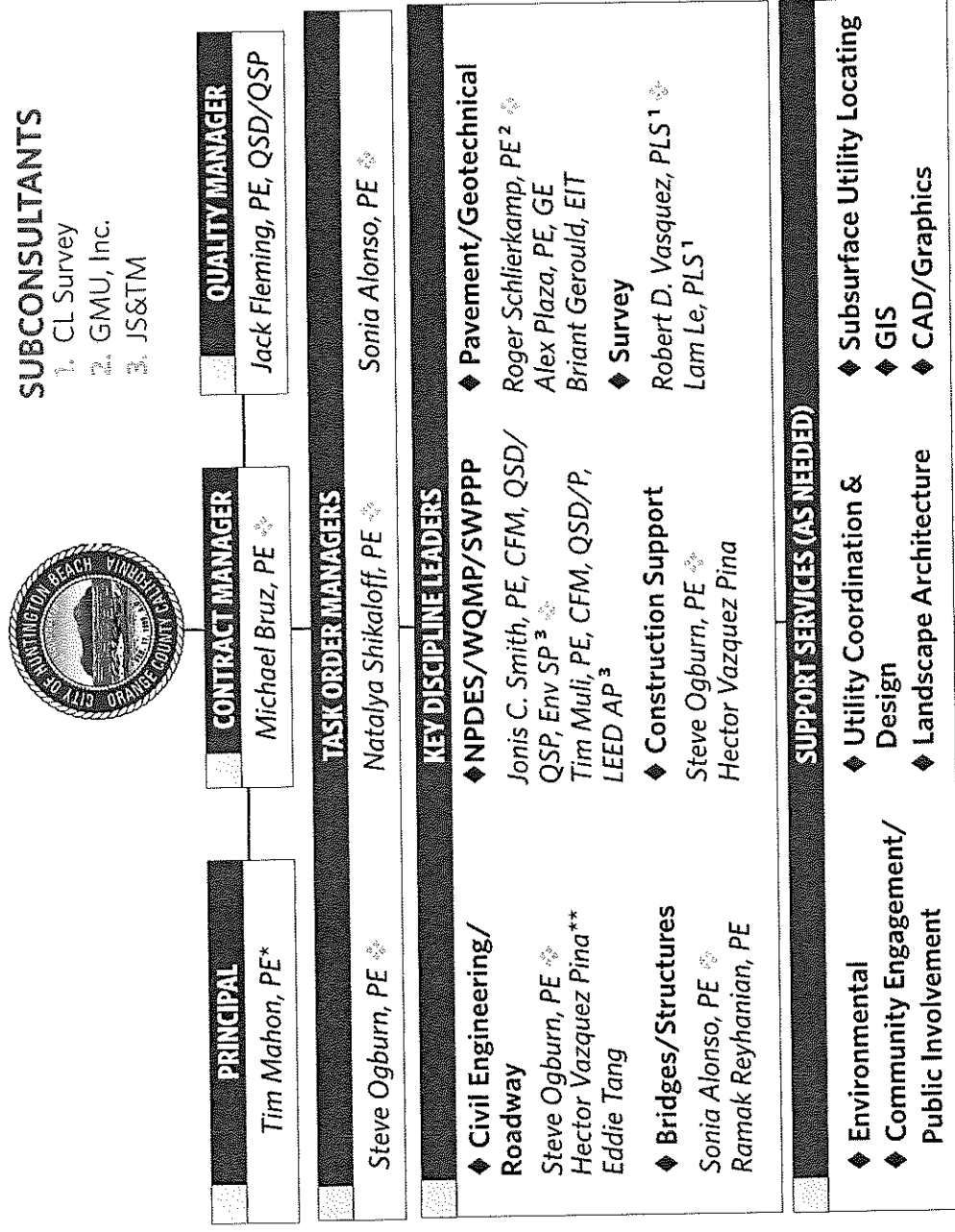
TEAM AZTEC

AZTEC has the technical staff and management expertise that the City can rely on to successfully complete (on time and on budget) any task order that may be assigned to us under this on-call contract. Our team of highly capable, technical, and responsive key personnel is shown in our Organizational Chart (**Figure 6**), which depicts our team members' roles on this project. Our team is led by Michael Bruz, PE, as Contract Manager and primary point of contact. If Michael is unavailable, our Principal, Tim Mahon will be your next point of contact. Both Mike and Tim are authorized to negotiate the contract on behalf of AZTEC. Qualifications for our key staff members are presented in the following section.

SUBCONSULTANT TEAM

To supplement our talented in-house professionals, we have included three highly qualified subconsultant firms on our team: CL Survey (Survey), GMU (geotechnical and pavement engineering) and JS&TM (NPDES, WQMP and SWPPP). We have worked with these firms on previously successful projects and their involvement will help deliver this any task order that may be assigned to us as a part of this contract. In addition, two of our subconsultant partners (CL Survey and JS&TM) are DBE firms and that will enable us to meet or exceed the DBE Goal required for any task order. Additional information regarding our subconsultant team's qualifications can be found in the following section. Brief resume bios for our subconsultant key staff can be found in the Appendix.

Figure 6. AZTEC Team Staffing/Organizational Chart



KEY: ◆ Key Staff - Resume bios included in Section E

*Arizona Registered PE

**CA PE Pending



ON-CALL CIVIL ENGINEERING PROFESSIONAL CONSULTING SERVICES

B. GENERAL CIVIL ENGINEERING

D. Staffing | page 10



E. QUALIFICATIONS

AZTEC'S QUALIFICATIONS AND EXPERIENCE

Established in 1992, AZTEC has grown from a two-person Disadvantaged Business Enterprise (DBE) into a full-service environmental and engineering consulting firm with over 200 professional, technical, and administrative personnel located throughout offices in California, Arizona, Colorado, and Virginia. In addition, AZTEC is part of the TYP SA Group, an international multidisciplinary consulting firm with over 3,600 employees in 60 offices worldwide. We have a positive and interactive relationship with TYP SA and are able to seamlessly work with TYP SA staff to enhance our capabilities in a number of areas including digital services, geographic information system (GIS) services, emergency response services, rail and transit, and aviation. Our successful experience with past on-call contracts will benefit the City and any task order that may be assigned to us because we understand and embrace the on-call contract process and can mobilize quickly and efficiently to deliver each task order on time and on budget. Lastly, we have been delivering projects in California since 2003 and have been operating from our Irvine office since 2016 to serve local agencies in Southern California.

AZTEC'S ON-CALL EXPERIENCE

AZTEC takes immense pride in successfully delivering quality projects for our clients. We clearly understand the specific needs of On-Call Contracts through our staff experience with similar contracts for numerous cities, counties, and agencies throughout Southern California and the Southwestern United States. We have committed our civil engineering practice to public sector clients, and, as a result, our experience and expertise are concentrated in that area. Our history includes delivering projects for the City of Huntington Beach, Caltrans (Districts 7, 8, 12), Orange County Public Works (OCPW), Port of Long Beach (POLB), Riverside County Transportation Department (RCTD), Riverside County Transportation Commission (RCTC), Riverside County Flood Control and Water Conservation District (RCFCWCD), and the San Bernardino County Transportation Authority (SBCTA). In addition, our Contract Manager has led On-Call Contracts for the Cities of Anaheim, Irvine, Laguna Beach, Long Beach, Los Angeles, Newport Beach, Rancho Palos Verdes, San Clemente, Seal Beach, as well as the Port of Long Beach, County of Los Angeles, and Coachella Valley Association of Governments, among others.

AZTEC has extensive experience with on-call contracts and understands the importance of mobilizing quickly when a task order is received, promptly assessing project challenges, and identifying solutions, and providing the requested services on time, within budget and with a high level of quality.

AZTEC's Value to Huntington Beach:

- ✓ **Full-Service Office in Orange County** - AZTEC has maintained a physical, full-time service office in Southern California for over 15 years. We have more than 40 professional staff based out of our Irvine office in Orange County. Our key staff are available and can be at the City within a 30-minute drive.
- ✓ **Similar Work Experience** - We bring more than 30 years of experience in performing similar work, especially for on-call contracts. We understand the nature of on-call contracts. AZTEC's philosophy is to mobilize quickly when a task order is received, assess project challenges promptly, identify solutions clearly, and provide the requested services on time and with a high level of quality.
- ✓ **Qualified and Dedicated Staff** - AZTEC's key personnel bring the recent and relevant experience from which we can draw from that are similar to the work requested under the General Civil Engineering Category. Our team members, led by Michael Bruz, PE as Contract Manager, have adequate capacity and availability to undertake new assignments and are committed for the contract's duration.



ON-CALL CIVIL ENGINEERING PROFESSIONAL CONSULTING SERVICES
B. GENERAL CIVIL ENGINEERING

E.

Qualifications | page 11

AZTEC
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As a full-service firm, we have a significant resume that includes successfully delivering task orders of comparable size and complexity anticipated for this contract. Descriptions of some of these projects and their relevancy to the scope of work are provided in the following pages. The projects presented demonstrate our flexibility and innovation where we employed cost-effective strategies to reach performance goals and delivered within the agency's schedule.

TEAM AZTEC'S DEMONSTRATED CAPABILITIES

AZTEC has added three talented to our team that share our commitment to client service and quality deliverables. Our subconsultants (CL Survey, GMU and JS&TM) to our team bring a strong resume of relevant experience and specialty expertise to this contract. Together as Team AZTEC, we will ensure the City receives the quality, comprehensive services it requires. A summary of our Team's demonstrated capabilities, including length of time that our team has provided services being requested in this RFP can be found in Section D - Staffing. Details regarding our history of our demonstrated successful project delivery, can be found on the following pages.

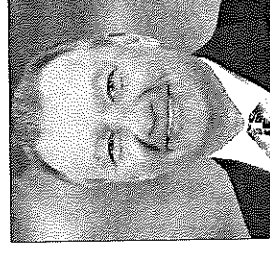
KEY PERSONNEL

AZTEC's key personnel for this on-call bring relevant experience and expertise with respect to the scope of work for civil engineering. We have intentionally assembled our team with project managers, designers and other key individuals who have the necessary experience with projects of similar scope, complexity and magnitude for local public agencies, including experience with coastal development planning and engineering. Additionally, our team is bolstered by the specialized expertise and resources of our local subconsultant partners. The following brief resumes detail the educational background, work experience and direct consulting experiences of our key personnel.

MICHAEL BRUZ, PE

Contract Manager/Task Order Manager

Michael brings more than 40 years of experience delivering transportation projects throughout Southern California. His recent experience includes serving as Contract Manager for the City's On-Call General Engineering Consulting contract currently working on the Complete Streets Design Services for



Hamilton Avenue task order, as well as other similar on-call contracts, including the Cities of Anaheim, Fountain Valley, Laguna Beach, Irvine, Long Beach, San Clemente, Seal Beach, Caltrans and the Port of Long Beach. Michael will combine his technical and managerial skills coupled with his City's contract delivery experience to collaborate with our team's specialists who have worked on planning and engineering projects involving roadway, drainage, traffic, structures and other civil disciplines for a variety of clients in California and throughout the Southwest. His relevant experience includes freeway and interchange improvements, local streets and roads, active transportation, complete streets, roundabouts and road diet projects for a variety of public and private sector clients. He is well versed in all project phases including preliminary engineering (PA/ED), PS&E preparation, construction management, value analysis and dispute resolution. Michael is adept at managing multi-discipline, multi-agency, and multi-stakeholder teams through the entire project development process. Michael is based in Irvine, which will allow him to easily respond to project needs for the City on this on-call contract.

Similar Project Experience

On-Call General Engineering Consulting (City of Huntington Beach):
Contract/PM

On-Call Professional Services - Professional Engineering (City of Seal Beach): Contract/PM

Civil On-Call (City of Laguna Beach): Contract/PM

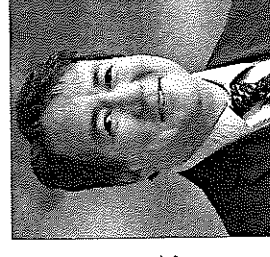
On-Call Civil Engineering Services (Port of Long Beach): Contract/PM
Pacific Coast Highway Pavement Rehabilitation Project (Newport Coast Drive to South City Limits): Laguna Beach, CA (Caltrans District 12): PM

Education: BS, Civil Engineering
Registration: CA PE No. 36198

STEVE OGBURN, PE

Task Order Manager and Roadway Lead

Steve has 24 years of project management and engineering experience and has successfully managed a wide variety of transportation engineering and analysis projects. Having both a roadway and traffic design background and experience on both municipal and freeway projects, he has the



ON-CALL CIVIL ENGINEERING PROFESSIONAL CONSULTING SERVICES

B. GENERAL CIVIL ENGINEERING

breadth of knowledge and expertise to successfully execute a diverse range of transportation projects. His expertise includes multi-agency coordination, planning, design, complex construction sequencing and traffic management (MOT) requiring 3D modeling of phase-by-phase construction, environmental integration and active public involvement. Steve fully understands the requirements of the planning and design processes and can effectively manage quality assurance and control on multidisciplinary projects. He brings well-rounded experience and has managed projects of all types of complexities, ranging from local intersection improvements to arterial streets, rural and interstate highways, and urban freeways.

Years of Experience (Career/With Firm): 25 Years/17 Years
Education: BS, Civil Engineering
Registration: CA PE No. C66455

Similar Project Experience

Complete Streets Design Services for Hamilton Avenue (City of Huntington Beach): Task Order Manager
Brea Boulevard Corridor Improvement (OCPW): Project/Task Manager
Curb Ramp Improvements at Orange Avenue and Gilbert Street Task Order (OCPW): Task Order Manager/Roadway Engineer

NATALYA SHIKALOFF, PE

Task Order Manager

Natalya has more than 40 years of experience delivering multiple transportation projects in Southern California, including Orange County, Riverside County and Caltrans, to name a few. She also brings her 15 years of Caltrans experience at Districts 4 and 5 as a Project Manager/Engineer and a Program Manager at Headquarters. Natalya will combine her extensive project management skills and engineering expertise to collaborate with our team's specialists who have worked on planning and engineering projects involving bridge, roadway, drainage and traffic disciplines for a variety of clients in California and throughout the Southwest. Natalya has managed and delivered an assortment of civil engineering projects while focusing on project management, multidisciplinary design, and design quality management.



Years of Experience (Career/With Firm): 43 Years/8 Years
Education: BS, Civil Engineering
Registration: CA PE No. 42305

Similar Project Experience

QVL for Road, Bridge and Traffic Engineering Services (OCPW): Task Order Manager
Roadway/Highway Engineering On-Call (RCTD): Task Order Manager
On-Call Civil Engineering Services (City of Huntington Beach): Task Order Manager

SONIA ALONSO, PE

Task Order Manager and Structures Lead

Sonia has 18 years of experience in engineering for building, bridge, and underground structures. She has been responsible for preparing design and analysis calculations of bridge and large buildings elements, construction plans, specifications, quantities, and cost estimates. She is based in Irvine and has been involved in singular projects, carrying out structural designs and analysis for prestressed concrete, reinforced concrete, steel-fiber reinforced concrete, and steel structures.



Years of Experience (Career/With Firm): 18 Years/12 Years

Education: BS, Civil Engineering; BS, Business Administration and Management; MS, Civil Engineering
Registration: CA PE No. 93595

Similar Project Experience

I-15 Express Lanes Project Design-Build (RCTC): Bridge/Structures Engineer
Inglewood Transit Connector - Tender Design (City of Inglewood): Bridge/Structures Engineer
G-Line BRT Improvements Project (LA Metro): Bridge/Structures Engineer

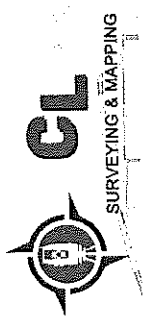
Brief resume bios for our subconsultants can be found in the Appendix.



ON-CALL CIVIL ENGINEERING PROFESSIONAL CONSULTING SERVICES

B. GENERAL CIVIL ENGINEERING

SUBCONSULTANT TEAM



For over 18 years, CL Survey's qualified and experienced surveyors have provided Clients the most cost efficient, professional and personalized services in the industry.

CL Surveys Principals are all experienced, licensed land surveyors and are signatory to the labor agreement with the Operating Engineers Local 12 allowing CL Survey to access a large pool of experienced surveyors to staff any size project. Working with clients in the Public and Private sector, CL Survey prepares Records of Survey, Engineering Drawings, Stake-out Services, As-built Surveys, Parcel Maps and Parcel Map Exemption Applications (Lot Line Adjustments), Tract Maps, Legal Descriptions and ALTA Surveys. CL Survey staff is well versed and proficient in the preparation of legal descriptions and exhibit maps for easements and property descriptions. CL Survey staff provides field and office survey services for construction staking of utilities, street construction and site developments. CL Survey prepares Design Surveys as base mapping for Street Improvement Designs, utility routing, drainage studies and site development or redevelopment. We are experts in the integration of field survey and record data with digital aerial mapping and orthophotography.

Primary Contact: Robert D. Vasquez, 909.484.4200,

rvasquez@cl-survey.com

Contract Role: Surveys

DIR Registration Number: 1000007166

DBE Certification Number: 38284

CL Survey's Value to Huntington Beach and AZTEC

- ✓ Well-versed and proficient in the preparation of legal descriptions and exhibit maps for easements and property descriptions
- ✓ Experts in the integration of field survey and record data with digital aerial mapping and orthophotography
- ✓ Proven team who has successfully completed many land surveys and right of way engineering services throughout the Southern California

GMU (SBE)

Established in 1967, GMU Engineers and Geologists have earned a longstanding reputation as a trusted consultant, delivering innovative engineering solutions for some of the most challenging and recognizable projects located throughout Southern California. GMU approaches each project with a focus on innovation, cost-efficiency, and practical constructability. GMU's commitment to service excellence is reflected in their strong client relationships and industry recognition. Over 58 years of expertise has earned GMU more than 50 awards and accolades from respected organizations, including CELSOC, CalGeo, ASCE, and APWA. GMU is consistently ranked as one of Orange County's top geotechnical and pavement consulting firms and is recognized for on-time, on-budget project performance.

Primary Contact: Roger Schlierkamp, 949.888.6513,

rschlierkamp@gmugeo.com
Contract Role: Geotechnical/Pavement
DIR Registration Number: 1000018001

GMU's Value to Huntington Beach and AZTEC

- ✓ 7 California-licensed professional and geotechnical engineers
- ✓ 5 pavement engineers with experience in a full range of pavement engineering
- ✓ Highly experienced engineering technicians and registered special inspectors holding certifications from Caltrans and County of Orange

JS & TM (DBE/SBE/MBE)

JS & TM is a civil engineering services firm with a combined total of over 48 years of experience providing services that help

our clients solve stormwater infrastructure problems and improving communities. JS & TM's primary area of focus is Stormwater Engineering. JS & TM plan, design, engineer, renovate, and manage water resources facilities ranging from storm drains and channels to levees and floodplains, to lakes, ponds, and reservoirs. JS & TM focus on Infrastructure Projects and Community Support Projects providing Civil Engineering Services for Lakes and Ponds, Stormwater, Roadways, Parks, and Trail projects.



J. SMITH
&
T. MULI



ON-CALL CIVIL ENGINEERING PROFESSIONAL CONSULTING SERVICES

B. GENERAL CIVIL ENGINEERING

Primary Contact: Jonis Smith, 949.329.3639, jsmith@jstminc.com
Contract Role: NPDES, WQMP, SWPPP
DIR Registration Number: 1000865695
DBE Certification Number: 50981

JS & TM's Value to Huntington Beach and AZTEC

- ✓ Principal Engineers with a combined total of over 48 years of experience providing services throughout Southern California
- ✓ Successfully delivered design engineering and planning services on many projects with similar planning and design elements as those identified in this RFP
- ✓ Proven experience collaborating with AZTEC's CM Michael Bruz on past projects

PROJECT EXPERIENCE

AZTEC'S RECENT AND RELEVANT PROJECT EXPERIENCE

On-Call General Engineering Consulting;
Huntington Beach, CA
(City of Huntington Beach)

Firm: AZTEC

Client Name: City of Huntington Beach

Project Start and End Dates: 2022 - Present

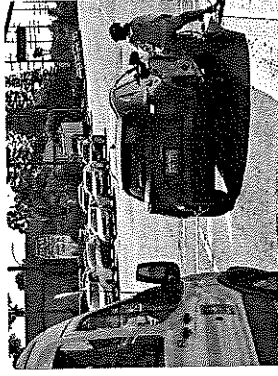
Provided Services: Civil Design, Conceptual, Preliminary and Final Design, Pavement Rehabilitation, Design Support Services During Construction

Key Staff: Michael Bruz (Contract Manager), Steven Ogburn (Task Order Manager), Hector Vazquez Pina (Roadway Engineer)

AZTEC is currently providing on-call general civil engineering services to the City of Huntington Beach. AZTEC is currently working on the following task order:

Complete Streets Design Services for Hamilton Avenue

AZTEC is leading the design transformation of Hamilton Avenue into a complete street corridor that improves accommodations for bicyclists and pedestrians. Improvements include removing and reconstructing concrete



(ramps, sidewalk, curb and gutter) and asphalt concrete pavement, relocating and/or adjusting utility appurtenances to grade, and identifying street trees for removal and replacement.

Roadway, Bridge and Traffic Engineering
On-Call; Orange County, CA (OCPW)

Firm: AZTEC

Client Name: OCPW

Project Start and End Dates: 2021 - 2024

Provided Services: Civil/Bridge Design, Conceptual, Preliminary and Final Design, Environmental Compliance and Wildlife Connectivity, Peer Reviews, Pavement Rehabilitation, Design Support Services During Construction

Key Staff: Michael Bruz (Contract Manager), Steven Ogburn (Task Order Manager), Hector Vazquez Pina (Roadway Engineer)

AZTEC provided on-call engineering services to OCPW. Tasks included PS&E for ADA compliance (sidewalk and ramps) and roadway improvement projects. To date, AZTEC has delivered the following task orders:

Santa Ana Bridge Rehabilitation

AZTEC designed of modifications to several bridge crossings along the Santa Ana River. Efforts included minor repair or replacement components to protect the bridges from scour vulnerability and provide channel slope stability.

Americans with Disabilities Act (ADA) Improvements at Orange Avenue/Gilbert Street

AZTEC provided engineering services to upgrade the pedestrian pathway to meet ADA standards. The work consisted of preparing a PS&E package to relocate a portion of a two-foot-tall cobblestone retaining wall and reconstruct the sidewalk with an ADA compliant curb ramp.

Los Patrones Parkway Wildlife Improvements

AZTEC performed a field review of the roadway corridor and identified areas along Los Patrones Parkway (Oso Parkway to Cow Camp Road) that were potential wildlife breach points that may have been contributing to wildlife-vehicle collisions. AZTEC made recommendations for wildlife crossing types/locations and then designed improvements to provide



ON-CALL CIVIL ENGINEERING PROFESSIONAL CONSULTING SERVICES

B. GENERAL CIVIL ENGINEERING

E. Qualifications | page 15



crossings that allow wildlife to traverse the roadway corridor below the roadway to reduce the likelihood of future breaches and wildlife-vehicle collisions.

Brea Boulevard Corridor Improvements

AZTEC provided environmental services as well as preliminary and final design for wildlife crossing features for this section of Brea Boulevard which is located within a well-studied regional wildlife corridor, Puente/Chino-Hills, that connects the Santa Ana Mountains from the southeast to the Whittier Hills area to the northwest. Tasks included 15% design, final PS&E and peer reviews, and independent checks.

Wagon Wheel Pavement Rehabilitation Project

AZTEC provided engineering services for the rehabilitation of approximately 3.5 miles of residential and collector streets within and adjacent to the Wagon Wheel Community in Southern Orange County. The scope included a field pavement survey and recommendations for pavement rehabilitation methods along with plans, specifications and estimates, and design support services during construction.

On-Call Professional Engineering Services; Long Beach, CA (POLB)

Firm: AZTEC

Client Name: POLB

Project Start and End Dates: 2024 - Present

Provided Services: Civil Engineering Services including the Preparation of Reports, Preliminary and Final PS&E Packages, Construction Support Services

Key Staff: Michael Bruz (Contract Manager), Steven Ogburn (Task Order Manager), Hector Vazquez Pina (Roadway Engineer)

AZTEC is currently providing on-call professional engineering services to support POLB's Engineering Design Division with the delivery of the Harbor Department's Capital Improvement Program and infrastructure maintenance program. AZTEC's task order includes:

Harbor Scenic Drive

AZTEC was hired by the POLB to prepare a preliminary study and final plans, specifications and estimates to replace/rehabilitate the pavement structural section along a portion of Harbor Scenic Drive. Harbor Scenic Drive is a critical transportation route into and out of the POLB and over the years, heavy truck traffic created areas of distressed pavement that allowed stormwater flows to pond within the travel lanes causing

additional damage to the roadway. Although POLB implemented temporary measures to eliminate the ponding, an effective, permanent solution was required. AZTEC developed three alternatives to remedy the distressed pavement and eliminate the stormwater ponding. Of the alternatives presented by AZTEC, POLB selected a full structural section replacement as the preferred alternative. AZTEC is now finalizing the plans, specifications, and estimates to rehabilitate the pavement, repair a concrete barrier, and obtain a Caltrans encroachment permit for temporary traffic control during construction.

On-Call Engineering Services for Roadway/Highway Engineering; Riverside County, CA (RCTD)

Firm: AZTEC

Client Name: RCTD

Project Start and End Dates: 2019 - Present

Provided Services: Roadway/Highway Design, SUE Designation and Potholing, Subconsultant Management, Conceptual, Preliminary and Final Design

Key Staff: Michael Bruz (Contract

Manager), Steven Ogburn (Task Order Manager), Hector Vazquez Pina (Roadway Engineer)

AZTEC is currently providing on-call engineering services to augment RCTD in-house resources to deliver road improvement projects as part of the RCTD Transportation Improvement Program. Tasks have focused on roadway/highway engineering projects including drainage and subsurface utility exploration. AZTEC's task orders have included:

Long Canyon Road Rehabilitation PS&E

AZTEC provided engineering services for the rehabilitation of approximately one and a half miles of existing asphalt roadway on Long Canyon Road near the City of Desert Hot Springs in Riverside County. AZTEC reviewed the existing roadway pavement conditions and confirmed that the pavement structural section provided by RCTD adequately addressed the rehabilitation needs for Long Canyon Road and was later implemented in the project. In addition, AZTEC reviewed the drainage flows/conditions and confirmed the location/limits of a recommended concrete low-water crossing of Long Canyon Road to reduce the likelihood of damage to the roadway due to stormwater flows.



The analysis resulted in roadway profile adjustments near the intersection of Long Canyon and Dillon Road to include the low water crossing improvements in the project.

Gillman Springs Utility/Subsurface Utility Exploration (SUE) Services
AZTEC provided SUE for 96 potholes to expose, identify and record relevant utility line information to prevent utility conflicts within the limits of the Gillman Springs Road project.

Temescal Canyon Road Resurfacing
AZTEC has completed preliminary engineering for Pavement Restoration of Temescal Canyon Road between Dawson Canyon Road and Terramor Drive (approximately 3 miles). Preliminary Engineering confirmed that existing ponding at the Temescal Canyon Road and Trilogy Parkway intersection can be mitigated with low-cost alternatives, which include grading a shallow roadside ditch and providing asphalt aprons to drain the pavement to existing roadside inlets. In addition, AZTEC has evaluated ADA deficiencies and is designing upgrades to bring the project into conformance with current ADA standards. An optimized design presents signal upgrades for back plates and ADA along with loop detector replacement on the pavement delineation plans.

Pauba Road Improvement Project Utility Designating
Pauba Road is a privately owned and maintained 2-lane local roadway that is experiencing severe pavement distress. To satisfy the local community and improve the roadway, the RCTD reached an agreement with the adjacent property owners to acquire the roadway (and associated right-of-way) and is planning extensive repairs to this three-quarter mile portion of Pauba Road (Via Del Monte to Calle Contento). As part of the initial phase of the project, AZTEC was hired by RCTD to perform utility designating and potholing services. There are several utilities within the roadway corridor and a total of ninety-six locations along Pauba Road were identified for utility designating. Subsequent to the utility designating and completion of the preliminary plans, AZTEC was hired to pothole 38 utility locations in an effort to assist the design team avoid conflicts during design and construction of the project.

Pauba Road Improvement Project Drainage Improvements
RCTD reached an agreement with the adjacent property owners to acquire a roadway (and associated right of way) and is planning extensive repairs to this three-quarter mile portion of Pauba Road (Via Del Monte to Calle

Contento). As part of the final design team that developed roadway and drainage improvement plans for this portion of Pauba Road, AZTEC performed field investigations to verify existing drainage patterns and conditions of the existing culverts. Based on observations / information obtained during those field reviews, AZTEC recommended revisions to the roadway profile to effectively convey stormwater flows through the roadway corridor. As part of its efforts on the project, AZTEC also prepared construction plans, specifications and estimates to improve drainage conveyance and lessen potential adverse impacts to the roadway and adjacent properties by replacing existing undersized culverts with ten new culverts (corrugated metal and reinforced concrete pipe). In addition, although the roadway is in a hilly area, roadside drainage ditches that included rock slope protection were designed to stay within the roadway right of way.

Viejo Drive Storm Drain Improvement and Gully Erosion Repair
AZTEC managed and reviewed the work of our subconsultant on this project. The scope of work includes geotechnical investigation and materials testing services.

On-Call City Engineering Services; El Centro, CA (City of El Centro)

FIRM: AZTEC

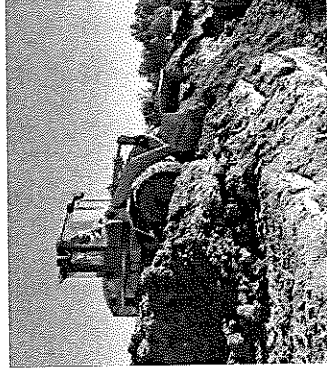
CLIENT NAME: City of El Centro

PROJECT START AND END DATES: 2021 - Present

Provided Services: Final Preliminary Design Reports, Traffic Signal Design, Subsurface Utility Engineering, Utility Coordination, Construction Support Services

KEY STAFF: Jack Fleming (Task Order Manager), Hector Vazquez Pina (Roadway Engineer)

AZTEC is providing on-call engineering services to the City of El Centro (El Centro). Tasks have included ADA improvement analysis and design, traffic signal and HAWK designs, utility design, Subsurface Utility Engineering (horizontal and vertical locating), Preliminary Engineering conceptual studies, and Construction Administration services. To date, AZTEC has delivered the following task orders:



Active Transportation Plan (ATP) Cycle 5 Improvements
 AZTEC supported El Centro on its ATP Cycle 5 Improvements. This project includes the design of pedestrian HAWK crossings with associated ADA ramps and sidewalks, traffic calming devices (bulb outs, narrower traffic lanes), a new traffic signal in front of the El Centro Regional Medical Center and drainage improvements. This project posed challenges pertaining to existing drainage where the bulb-outs/HAWKs were being placed and addressed existing intersection sight distance limitations where current standards were not met. New service locations were coordinated with the Imperial Irrigation District to ensure the new traffic signal and HAWK signals would have electrical service. Additional project features included designing all signals to be compatible with a future interconnect project along Imperial Avenue. Underground infrastructure to tie into the future system was also included with the AZTEC project. GPS controlled timing modules were added to the project to coordinate the new signals before the future interconnect project was constructed.

Alder Sewer Repair
 AZTEC provided design review and construction support services for this project that included 675 lineal feet of 27" sewer main that had multiple issues, including a negative slope in a previously jack-and-bored section of pipe and major surcharging in one of the sewer manholes. In-house efforts for this project included an initial and final Preliminary Design Report, Final PS&E documents, Phase I Environmental Site Assessment (ESA) and subsurface utility engineering & utility coordination. In addition, AZTEC assisted the City with construction support services that included construction oversight supervision, review of contractor pay applications, responding to Requests for Information (RFI's) and reviewing material submittals. Based on AZTEC's performance on the project, the City hired AZTEC to provide construction support services for an additional project that included emergency repairs of a sinkhole.

Dogwood Road Alignment Study
 AZTEC is providing El Centro with a Preliminary Engineering Report and 30% conceptual design plans for Dogwood Road from Interstate 8 to Ross Avenue. AZTEC is providing El Centro a four-lane arterial roadway concept for Dogwood Road. Our scope of services includes survey, 30% conceptual plans, preliminary drainage evaluation, preliminary traffic evaluation, preliminary engineering report, right-of-way, utility coordination, and stakeholder intra/interagency coordination and

permitting. A key aspect of the project involves the early identification of utility conflicts and their potential relocation costs, as well as identification of any needed right-of-way acquisitions.

G-Line Bus Rapid Transit (BRT) Improvements; Los Angeles County, CA (LA Metro)



FIRM: AZTEC

CLIENT NAME: LA Metro

PROJECT START AND END DATES: 2021 - Present

Provided Services: Final Preliminary Design Reports, Traffic Signal Design, Environmental Compliance

KEY STAFF: Steven Ogburn (Design Lead for Stations/Grade Separations), Sonia Alonso (Structural Engineer)

The Metro G-Line is one of the BRT Metro Lines that provides a vital high-capacity link for the San Fernando Valley and extends nearly 18 miles in length. The project seeks to implement improvements along the G-Line to boost operating speeds, capacity and safety, while addressing passenger needs and minimizing disruption to San Fernando Valley residents. AZTEC is leading the design services on two grade separations and elevated stations. Design work is being completed in compliance with Metro Rail Design Criteria. Additionally, AZTEC is serving as Environmental Lead overseeing the environmental compliance project-wide.

Randall Avenue Street Improvements; Rialto, CA (City of Rialto)

FIRM: CL Survey

CLIENT NAME: City of Rialto

PROJECT START AND END DATES: 2022 - 2023

CLIENT PROJECT MANAGER: Art Cervantes, 909.820.2531, acervantes@rialto.ca.gov

KEY STAFF: Lam Le, PLS (Project Manager)

As a subconsultant, CL Surveying provided surveying services to support the design for street improvements. Improvements to the 6-legged intersection improve visibility and to upgrade the intersection to current standard per ADA and California's Manual on Uniform Traffic Control



ON-CALL CIVIL ENGINEERING PROFESSIONAL CONSULTING SERVICES

B. GENERAL CIVIL ENGINEERING

Devices requirements. CL Survey established horizontal and vertical survey control, recovered centerline monumentation to establish the centerline and rights of way. Ground topographic surveys were performed to position fixed street fixtures including fire hydrants, manholes, catch basins, signs, posts, valve covers and curb and gutter, to name a few. Cross sections were also collected to create accurate contours for street drainage studies and design. Legal descriptions and exhibits will be prepared for street widening and dedication of property from the adjoining property owners. Deliverables included Civil 3D parcel base map with centerline and right of way lines, X, Y, Z point file in CSV format and photos collected by the field crews.

Long Beach Annual Street Improvements for Residential Streets; Long Beach, CA (City of Long Beach)

FIRM: CL Survey

CLIENT NAME: City of Long Beach

PROJECT START AND END DATES: 2012 - Present

CLIENT PROJECT MANAGER: Vahik Vartanians, PE, 562.570.6963, vahik.vartanians@longbeach.gov

KEY STAFF: Lam Le, PLS (Project Manager)

CL Survey services include the monument preservation of over a thousand monuments, construction staking of over 100 miles of curb and gutter throughout the city streets and design topography of over 300 ADA Ramps. CL Survey performs this work with a multitude of General Contractors and Design Engineering firms working with the city. We have staked storm drain, sewer, water, sidewalk, curb and gutter, cross gutters, and handicap ramps. The Program provides for the improvement of deteriorating pavement and concrete curbs and gutters throughout the City's residential streets, major arterial streets, airports and other public facilities.

Lakewood City Hall Topographic Survey; Lakewood, CA (City of Lakewood)

FIRM: CL Survey

CLIENT NAME: City of Lakewood

PROJECT START AND END DATES: 2012 - 2024

CLIENT PROJECT MANAGER: Kevin Yamakawa, 562.866.9771, kyamakawa@lakewoodcity.org

KEY STAFF: Lam Le, PLS (Project Manager)

CL Survey provided topographic surveying services to improve the overall drainage problems at the overall 13.5 acre city hall and convention center area. The survey completed by CL Survey would also be used for future improvements for ADA and other city improvements to the area and parking. Field crews performed a comprehensive ground field survey of the area including all parking features, landscaping, drainage from the building, area and outlet drains, and a grid interval collection of the flat areas to understand possible flow patterns to be redesigned. An electronic CAD file and formal printed topographic map was prepared, signed by a CA Licensed Land Surveyor and delivered to the client on schedule and within budget.

Hamilton Avenue, Heil Avenue, and Bolsa Avenue Pavement Rehabilitation Project; Huntington Beach, CA (City of Huntington Beach)

FIRM: GMU

CLIENT NAME: City of Huntington Beach

PROJECT START AND END DATES: 2022 - 2023

CLIENT PROJECT MANAGER: Joe Fuentes, 714.536.5259, jfuentes@surfcity-hb.org

KEY STAFF: Roger Schlierkamp (Project Manager)

GMU provided pavement evaluation services for 3 arterial street segments totaling approximately 2 center line-miles of asphalt concrete pavement for the city of Huntington Beach in 2023, including Hamilton Avenue from Newland Street to Magnolia Street, Heil Avenue from Goldenwest Street to Gothard Street, and Bolsa Avenue from Graham Street to Edwards Street in the City of Huntington Beach, California.

Harbor Boulevard, Nohi Ranch Road, and Frontera Street Pavement Rehabilitation Project; Anaheim, CA (City of Anaheim)

FIRM: GMU

CLIENT NAME: City of Anaheim

PROJECT START AND END DATES: 2021 - 2021

CLIENT PROJECT MANAGER: Cesar Carrillo, 714.765.5175, ccarrillo@anaheim.net

KEY STAFF: Roger Schlierkamp, (Project Manager)

GMU provided pavement evaluation services for 3 roadway segments totaling approximately 8 lane-miles of asphalt concrete pavement for



ON-CALL CIVIL ENGINEERING PROFESSIONAL CONSULTING SERVICES

B. GENERAL CIVIL ENGINEERING

E. Qualifications | page 19



the city of Anaheim in 2021, including Harbor Boulevard between South Street and Ball Road, Nohl Ranch Road between Ranch Gate Road and Old Bucket Lane, and on Frontera Street between 2850 East Frontera Street and Glassell Street in the City of Anaheim, California.

Pavement Evaluation of Four Arterial Roadway Segments; Irvine, CA (City of Irvine)

FIRM: GMU

CLIENT NAME: City of Irvine

PROJECT START AND END DATES: 2022 - 2022

CLIENT PROJECT MANAGER: Darrell Hartman, 949.724.7556,

dhartman@cityofirvine.org

KEY STAFF: Roger Schlierkamp (Project Manager)

GMU evaluated two (2) major arterial roadway segments within the City of Irvine. The evaluated segments included Macarthur Boulevard (Campus Drive to Main Street) and Sand Canyon Avenue (Quail Hill Parkway to Barranca Parkway), which totaled approximately 2 miles of centerline length.

Laguna Canyon Channel Improvement Project; Laguna Beach, CA (City of Laguna Beach)

FIRM: JS & TM

CLIENT NAME: City of Laguna Beach

PROJECT START AND END DATES: 2018 - 2020

CLIENT PROJECT MANAGER: Tom Perez, 949.464.6688,

tperez@lagunabeachcity.net

KEY STAFF: Jonis Smith (Project Manager/Lead Engineer)

JS & TM led the design 1,000 lf of channel rehabilitation for the F-01 Channel. JS & TM developed a comprehensive design to reconstruct the Beach Street transition structure to improve pedestrian and traffic safety, improve hydraulic efficiency, decrease debris hang-ups, and increase conveyance capacity in the culvert by greater than 25%, all within the existing structure footprint. Additionally, the design team also designed a replacement ocean outfall structure that increased conveyance capacity at the outfall and provided improved resistance to highly corrosive ocean outfall conditions.

Centennial Park Lake Renovation; Santa Ana, CA (City of Santa Ana)

FIRM: JS & TM

CLIENT NAME: City of Santa Ana

PROJECT START AND END DATES: 2012 - Present

CLIENT PROJECT MANAGER: Suzi Furjanic, 714.571.4241, sfurjanic@santa-ana.org

KEY STAFF: Jonis Smith (Project Manager/Lead Engineer)

JS & TM led the design team that provided all design and engineering services for the project. JS & TM is currently providing bid support and construction support service to the City of Santa Ana for the construction of the proposed lake renovation improvements. The design team prepared construction documents for the lake water quality system (biofilters, wetlands), lake edge modifications, biological vector control features, lake pump stations, water features (jets), and lake appurtenances.

Pacific Arroyo Community - Arroyo Simi River Grade Control Structure No. 18; Santa Ana, CA (Ventura County Watershed Protection District)

FIRM: JS & TM

CLIENT NAME: Ventura County Watershed Protection District

PROJECT START AND END DATES: 2022 - Present

CLIENT PROJECT MANAGER: Masood Jilani, 805.654.2029, masood.jilani@ventura.org

KEY STAFF: Jonis Smith (Project Manager/Lead Engineer)

JS & TM was responsible for the delivery of the design of two (2) proposed lateral weirs on the Arroyo Simi River. JS & TM worked to develop a preliminary design for the proposed side weir structures and then met with VCWPD staff to discuss the design of and analyses methodologies for the weirs. JS & TM worked to develop a side weir analysis spreadsheet using the methodology preferred by VCWPD staff. JS & TM prepared unsteady 1D HEC-RAS hydraulic analyses of the Arroyo Simi River to yield a hydrograph to use for weir analyses. Additionally, the team performed a step method hydraulic analysis of the weir to determine the flowrate conveyed over the weir in 1-ft increments and diverted to a proposed basin facility(s).



ON-CALL CIVIL ENGINEERING PROFESSIONAL CONSULTING SERVICES

B. GENERAL CIVIL ENGINEERING

E. Qualifications | page 20



References of Work Performed Form

(List 5 Local References)

Company Name: AZTEC Engineering Group, Inc.

1. Name of Reference: OCPW - Wagon Wheel Pavement Rehabilitation Task Order

Address: 601 North Ross Street, Santa Ana, CA 92701

Contact Name: Jennifer Prause Phone Number: 714.245.4514

Email: jennifer.prause@ocpw.ocgov.com

Dates of Business: 2023 - 2024

Full description provided on Page 15.

2. Name of Reference: Port of Long Beach - Harbor Scenic Drive Drainage Improvements

Address: 415 W. Ocean Blvd., Long Beach, CA 90802

Contact Name: Jorge Castillo, Jr. Phone Number: 562.283.7881

Email: jorge.castillo@polb.com

Dates of Business: 2023 - Present

Full description provided on Page 16.

3. Name of Reference: LA Metro - G-Line Bus Rapid Transit (BRT) Improvements

Address: One Gateway Plaza LA, CA 90012

Contact Name: Annalisa Murphy Phone Number: 213.474.6838

Email: murphya@metro.net

Dates of Business: 2022 - Present

Full description provided on Page 18.

4. Name of Reference: RCTD - Long Canyon Road Rehabilitation PS&E Task Order

Address: 2950 Washington St, Riverside, CA 92504

Contact Name: Alfredo Martinez Phone Number: 951.206.4348

Email: almartin@rivco.org

Dates of Business: 2022 - 2023

Full description provided on Page 16.

5. Name of Reference: OCPW - ADA Curb Ramp Improvements at Orange Avenue/Gilbert Street

Address: 601 North Ross Street, Santa Ana, CA 92701

Contact Name: Amit Verma Phone Number: 714.647.3908

Email: amit.verma@ocpw.ocgov.com

Dates of Business: 2019 - 2020

Full description provided on Page 15.



**ON-CALL CIVIL ENGINEERING
PROFESSIONAL CONSULTING SERVICES
B. GENERAL CIVIL ENGINEERING**

References of Work Performed Form

AZTEC TVPSA

APPENDIX

BRIEF SUBCONSULTANT BIOS

ROGER SCHLIERKAMP, PE

Pavement Engineering Lead

Roger possesses over 12 years of experience in the field of pavement engineering and is a California licensed civil engineer. He leads GMU's team of pavement engineers in Southern California and oversees its comprehensive range of pavement engineering services, including pavement management planning, pavement evaluations/designs, PS&E development, construction management, observation-and-testing, and mix design development. His full-circle knowledge allows him to develop practical and cost-effective solutions to real-world and complex pavement-related challenges.

Years of Experience (Career/With Firm): 14 Years/11 Years

Education: MS, Civil Engineering; BS, Civil Engineering

Registration: CA PE No. C81529

Firm: GMU

Similar Project Experience:

Citywide Pavement Management Plan Updates for 2023, 2025, 2027; Orange County, CA (City of Newport Beach): Pavement Management Lead

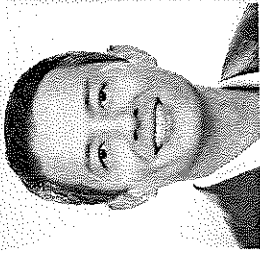
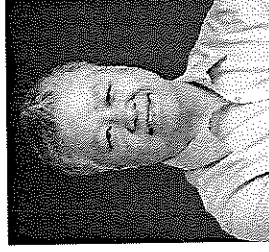
Citywide Pavement Management Plan Updates for 2020, 2022, and 2024; (City of Laguna Niguel): Pavement Management Lead

Various Pavement Improvement Projects (OCPW): Pavement Management Lead

LAM LE, PLS

Survey

Lam has over 30 years of experience as a Project Manager, Project Surveyor and CAD operator. His technical experience includes CAD drafting in Civil3D, creating DTMs for earthwork quantities, road profiling, creating coordinate geometry figures for boundary analysis, computer-aided design, and drafting. Lam's duties include project management and coordination along with field support on multiple projects. He has provided multiple legal descriptions for easements, lot line adjustments and property descriptions and has done extensive title analysis for property establishment and ALTA Surveys.



Years of Experience (Career/With Firm): 30 Years/17 Years

Education: BS, Aerospace Engineering

Registration: PLS CA No. 8231

Firm: CL Survey

Similar Project Experience:

On-Call Survey Services (Caltrans District 12): Project Manager
Annual Street Improvements (City of Long Beach): Project Manager
Euclid Ave Downtown Recycled Water Project (City of Ontario):

Project Manager

JONIS SMITH, PE, CFM, QSD/QSP

NPDES/WQMP/SWPPP

Jonis has over 28 years' experience in Stormwater Engineering. Mr. Smith learned the highly technical and very nuanced practices of Flood Control Engineering and Stormwater Engineering. Mr. Smith has in-depth understanding of the behavior of stormwater and is able to weave his understanding of the interconnectedness of hydrology and hydraulics into his approach to stormwater engineering and design. Mr. Smith with the ability to develop effective/practical/simple solutions to complex stormwater problems. Mr. Smith has provided numerous stormwater facility evaluations, designed many miles of storm drain, culverts, and channels. He has extensive experience with hydrologic and hydraulic modeling.

Years of Experience (Career/With Firm): 29 Years/3 Years

Education: MS, Civil Engineering; BS, Civil Engineering

Registrations: CA PE No. 58654; CFM No. US-14-07485; Qualified

SWPPP Developer (QSD);

Qualified SWPPP Practitioner (QSP); Certified Floodplain Manager No.

US-14-07485

Firm: JS & TM

Similar Project Experience:

Laguna Canyon Channel Improvement Project (City of Laguna Beach):

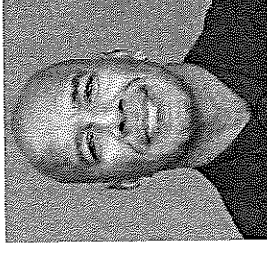
Project Manager/Lead Engineer

I-405/SR-55 Transitway/Airport Storm Drain (Caltrans): Project

Manager/Drainage Systems Engineer

Campus Drive Bike Trail Extension Water Quality Best Management

Practice (LA Metro): Project Manager/Lead Engineer



ON-CALL CIVIL ENGINEERING PROFESSIONAL CONSULTING SERVICES

B. GENERAL CIVIL ENGINEERING

Appendix - Brief Subconsultant Bios



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.

FEE PROPOSAL



EXHIBIT "B"



AZTEC Engineering Group, Inc.
30 Executive Park, Suite 120
Irvine, California 92614
TEL: 714.656.2805
FAX: 714.754.1690

March 13, 2025

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

Fee Schedule
On-Call Civil Engineering Professional Consulting Services
Category B - General Civil Engineering

AZTEC Engineering Group, Inc.		
#	Personnel Classification	Hourly Rate
1	Principal	\$395.00
2	Senior Project Manager / Senior Environmental Manager	\$315.00
3	Project Manager	\$285.00
4	Senior Project Engineer	\$255.00
5	Senior Environmental Planner/Senior Landscape Architect	\$230.00
6	Project Engineer	\$205.00
7	Engineer / Senior Designer / Landscape Architect	\$185.00
8	Designer II / EIT II / Environmental Planner	\$170.00
9	Designer / EIT / Project Assistant	\$155.00
10	Technician/Drafter	\$140.00

Notes:

1. Hourly Rates shown are effective through December 31, 2025. Rates will be escalated 4.0% annually beginning on January 1, 2026.
2. Reimbursable items include items such as copies, mylars, postage, delivery and mileage. Non-labor reimbursable expenses will be invoiced to the City at cost.
3. Mileage reimbursement will be invoiced at the current federal rate when the cost was incurred. The rate for 2025 is \$0.70 per mile.
4. Overtime rates in accordance with Prevailing Wage rules will be applied to the base hourly rate at 1.5 times and 2.0 times. Overtime rates will be charged in accordance with Fair Labor Standards Act (FLSA) guidelines and only apply to the base hourly rate.



**ON-CALL CIVIL ENGINEERING
PROFESSIONAL CONSULTING SERVICES
B. GENERAL CIVIL ENGINEERING**

Fee Proposal





**ON-CALL CIVIL ENGINEERING PROFESSIONAL CONSULTING SERVICES
LAND SURVEYING AND MAPPING SERVICES
FEE SCHEDULE**

(This rate schedule covers the period between July 1, 2025, and June 30, 2029)

Office Staff:

	7/25	7/26	7/27	7/28	7/29
Contract/ Survey Manager	250	265	280	295	300
Project Surveyor	210	220	230	245	255
Survey Analyst / Technician	175	185	190	200	210
Admin / Clerical	105	110	120	120	130

Note: Authorized overtime will be charged at 1.5 times the above rate.

Field Staff:

1 Person Field Crew *	265	275	290	305	320
2 Person Field Crew *	370	390	405	425	450
3 Person Field Crew *	475	500	520	550	575

CL Surveying and Mapping, Inc. is signatory to the International Union of Operating Engineers Local 12. Field surveyors are therefore paid prevailing wage rates for all work performed.

Reimbursable Expenses:

- 3D Laser Scanner equipment is not included in our overhead rate and will be invoiced at an additional separate daily rate.*
- All field staff are subject to prevailing wages.*
- Aerial Mapping Costs by subconsultant Digital Mapping Inc. (DMI) will be invoiced as an ODC. A copy of invoices from DMI will be submitted for reimbursement.*

400 E. Rincon Street, Ste 202
Corona, CA 92879

909.484.4200
www.CL-Survey.com



**ON-CALL CIVIL ENGINEERING
PROFESSIONAL CONSULTING SERVICES
B. GENERAL CIVIL ENGINEERING**

Fee Proposal
AZTEC



2025 SCHEDULE OF CHARGES

PROFESSIONAL SERVICES

Document Preparation and Project Services	\$ 110.00/hour
CAD/GIS Design Engineer	\$ 132.00/hour
Staff Engineer or Geologist	\$ 175.00/hour
Senior Staff Engineer or Geologist	\$ 192.00/hour
Project Engineer or Geologist	\$ 215.00/hour
Senior Engineer or Geologist	\$ 255.00/hour
Associate Engineer or Geologist	\$ 272.00/hour
Principal/Director	\$ 295.00/hour

FIELD INSPECTION & TESTING SERVICES

Staff Engineering Technician	\$ 110.00/hour*
• Services provided under direct supervision of a Senior Engineering Technician	
Senior Engineering Technician	\$ 130.00/hour*
• Inspections for soils/grading, asphalt, concrete, batch plants, piles/caissons, etc.	
• Certifications by ACI, ICC, Caltrans, local jurisdictions, etc.	
Registered Special Inspector (<i>No 4-hour minimum</i>)	\$ 130.00/hour*
• Certifications by ACI, ICC, Caltrans, local jurisdictions, etc.	
• Reinforced concrete, Post-Tension, Masonry, Welding, Bolting, Fireproofing	
Instrumentation Engineer	\$ 175.00/hour
• Slope inclinometer and Piezometer monitoring	
• Manometer for floor-level surveys	
• Stormwater turbidity & pH meter	
• Groundwater monitoring - pressure transducer, datalogger, water chemistry meter, etc.	
• Pipeline video camera for drains, wells, etc.	
Engineering Seismological Technician (includes 3-channel seismograph)	\$ 175.00/hour
• Blast vibration monitoring	
• Construction vibration & noise monitoring (pile driving, drilling, demolition, etc.)	
*Notes:	
(1) Rates include vehicle, nuclear density gauge, and equipment for testing, inspection, and sampling.	
(2) No 4-hour minimum charges apply, except for night work.	
(3) Overtime is charged at 1.5 times the base rate. Overtime is defined as time worked on the project in excess of 8 hours per day and all time on Saturdays, Sundays, and holidays.	
(4) Prevailing Wage projects, additional hourly surcharge for Field Personnel per CA Labor Code §1720, et seq.	Add \$ 39.00/hour

LABORATORY TESTING SERVICES

Laboratory Testing	\$ 142.00/hour
<i>(For special materials testing and laboratory costs on a per-test basis, see GMU's Laboratory Fee Schedule)</i>	

OTHER CHARGES

Outside Services	Cost + 15%
Reimbursables & Reprographics	Cost



**ON-CALL CIVIL ENGINEERING
PROFESSIONAL CONSULTING SERVICES
B. GENERAL CIVIL ENGINEERING**

Fee Proposal





J. SMITH
&
T. MULI

2024 STANDARD SCHEDULE OF CHARGES

ENGINEERING SERVICES

Principal Engineer	\$195.00/hr
Engineering Technician.....	\$195.00/hr
Data Analyst.....	\$195.00/hr
Technical Editor.....	\$195.00/hr

PROJECT MANAGEMENT SERVICES

Senior Project Manager	\$195.00/hr
Lake Manager.....	\$195.00/hr
Project Assistant.....	\$195.00/hr

CONSTRUCTION MANAGEMENT SERVICES

Principal Construction Manager.....	\$195.00/hr
Resident Engineer.....	\$195.00/hr

TECHNICAL SUPPORT SERVICES

Drafting/CADD Services

Senior Designer	\$195.00/hr
CAD Technician.....	\$195.00/hr

Forensic Engineering / Expert Witness - Court appearances, depositions, and interrogatories as expert witness will be billed at 4 times normal rates.

Emergency and Holidays - Minimum charge of four (4) hours will be billed at 1.5 times the normal rate.

Material and Outside Services - Subcontractors, rental of special equipment, special reproductions, and blueprinting, outside data processing and computer services, etc., are charged at 1.15 times the direct cost.

Travel Expenses - Mileage at current Caltrans mileage reimbursement rates. Per diem where overnight stay is involved is charged at cost.

Invoices, Late Charges - All fees will be billed to Client monthly and shall be due and payable upon receipt. Invoices are delinquent if not paid within 30 days from the date of the invoice. Client agrees to pay a monthly late charge equal to 1% per month of the outstanding balance until paid in full.

Annual Increases - Unless identified otherwise, these standard rates will increase 3% annually.

J. SMITH & T. MULI, INC.

Effective January 1, 2024



**ON-CALL CIVIL ENGINEERING
PROFESSIONAL CONSULTING SERVICES
B. GENERAL CIVIL ENGINEERING**

Fee Proposal

AZTEC TVPSA