

PROFESSIONAL SERVICES CONTRACT BETWEEN
THE CITY OF HUNTINGTON BEACH AND
HUITT ZOLLARS, 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 HUITT ZOLLARS, INC., a California 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 Miguel Hernandez 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:

HUITT-ZOLLARS, INC.
Attn: Miguel Hernandez
3 Main Street Suite 600
Irvine, CA 92614

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,
HUITT-ZOLLARS, INC.

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

By: Miguel A. Hernandez
Miguel A. Hernandez
print name

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

AND

By: Robert Armstrong
Robert Armstrong
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:

John J. [Signature]
City Attorney

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,
HUITT-ZOLLARS, INC.

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

By: _____

Mayor

print name

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

City Clerk

AND

INITIATED AND APPROVED:

By: _____



Director of Public Works

print name

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

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

EXHIBIT A

HZ **HUITT
ZOLLARS**



STATEMENT OF QUALIFICATIONS FOR THE CITY OF HUNTINGTON BEACH

INVITATION #2025-0313A

On-Call Civil Engineering Professional Consulting Services

D. ENVIRONMENTAL/WATER QUALITY



RESPONSE FILE

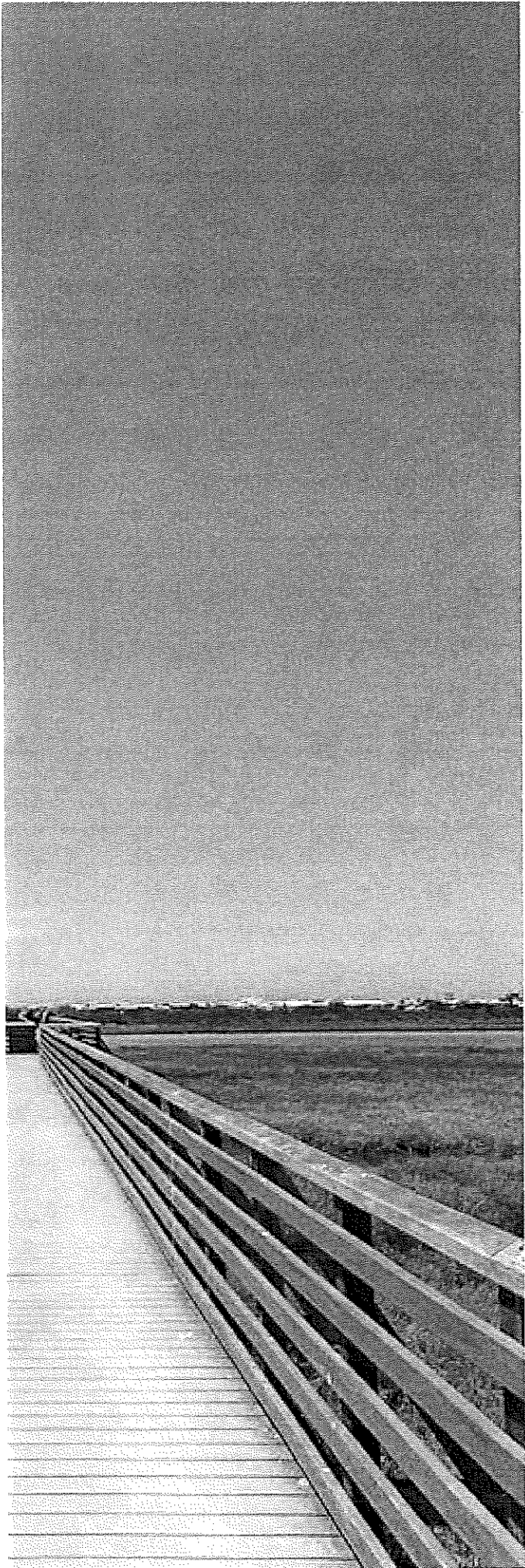


Table of Contents

A. Vendor Application Form and Cover Letter	4
B. Background and Project Summary Section	8
C. Methodology Section	9
D. Staffing	13
E. Qualifications	20
F. Fee Proposal (<i>Included Separately</i>)	

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 / <input checked="" type="radio"/> No
• General Civil Engineering	Yes / <input checked="" type="radio"/> No
• Ocean Engineering	Yes / <input checked="" type="radio"/> No
• Environmental/Water Quality	<input checked="" type="radio"/> Yes / No

A. Vendor Application Form

REQUEST FOR PROPOSAL

VENDOR APPLICATION FORM

TYPE OF APPLICANT: ☐ NEW ☒ CURRENT VENDOR

Legal Contractual Name of Corporation: Huitt-Zollars, Inc.

Contact Person for Agreement: Miguel Hernandez, PE, PLS, QSD/P

Corporate Mailing Address: 2603 Main Street, Suite 600

City, State and Zip Code: Irvine, CA 92614

E-Mail Address: mhernandez@huitt-zollars.com

Phone: (949) 988-5815 x11169 Fax: (949) 988-5820

Contact Person for Proposals: Herson Go, PE

Title: Sr. Associate/Project Manager E-Mail Address: hgo@huitt-zollars.com

Business Telephone: (949) 988-5815 x11142 Business Fax: (949) 988-5820

Year Business was Established: 1975

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

A. Vendor Application Form

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

Names	Title	Phone
Robert J. McDermott	Chairman/President/Director	(214) 871-3311
Cliff Wall	CFO	(214) 871-3311
Jeffrey Okamoto	Vice President/Managing Principal	(949) 588-5830

Federal Tax Identification Number: 75-1500178

City of Huntington Beach Business License Number: A269042
(If none, you must obtain a Huntington Beach Business License upon award of contract.)

City of Huntington Beach Business License Expiration Date: 11/30/2025 (will renew)

A. Cover Letter

March 13, 2025

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

RE: On-Call Civil Engineering Professional Consulting Services – Environmental/Water Quality

Dear Procurement Division,

Huitt-Zollars, Inc. is pleased to provide you with this proposal for On-Call Environmental/Water Quality Engineering Services. Navigating the maze of State and Federal environmental laws and regulations for controlling stormwater and urban runoff, performing commercial and industrial inspections, and implementing the citywide trash compliance plan require a multidisciplinary team comprised of exceptional specialists to lead the City successfully through this labyrinth. Huitt-Zollars and our proposed Project Manager, Miguel Hernandez, PE, PLS, QSD/P intend to be the team to do just that for the City of Huntington Beach. Our team is uniquely qualified based on:

Successful Grant Applications for Stormwater Infrastructure: Huitt-Zollars has successfully secured grant funding for the implementation of numerous stormwater infrastructure projects in Southern California, but also fulfilled grant funding requirements during the design and construction support of stormwater BMPs. Recent completions by Huitt-Zollars include federal (FEMA Emergency Fund, FHWA FAST, etc.), State (Prop 86, Prop 1, etc.), and local (OCTA Measure M2, LA County Measure CC, LA County Measure W, etc.) funding sources. Huitt-Zollars intends to apply its lessons learned and help seek upcoming grant opportunities.

Regional Implementation of Citywide Trash Compliance Program: Huitt-Zollars helped develop the Citywide compliance strategy to meet the Statewide Trash Amendments. Unlike many other Orange County Cities, Huntington Beach has opted for the implementation of regional storm water and trash capture BMPs. While the initial capital costs may be higher, Huitt-Zollars determined that the lifecycle cost of regional full capture device BMPs was lower than that of distributed BMPs, and does not add a burden to City maintenance staff. Huitt-Zollars will continue to identify regional, cost effective, opportunities for the City and potential stakeholders (County, Caltrans, etc.).

Experience in NPDES Inspections: Huitt-Zollars understands that the City may seek for staff augmentation to perform the annual quota of commercial and industrial businesses, as required by the MS4 Permit. We have previously helped the City with such endeavors. Our team proactively monitors the evolutions and nuances in the State Permits related to the IGP. Our professionals bring more than 35 years of common experience in performing storm water quality inspections for local, county, state agencies, and private entities.

A. Cover Letter

Expertise in LID BMP Design and Construction Support: Huitt-Zollars has extensive experience in developing plans, details, and specifications for both distributed and regional Low Impact Development (LID) BMPs. Our team has successfully designed and specified more than thirty LID BMPs in the past five years in Orange County and Los Angeles County. Huitt-Zollars has successfully implemented award-winning BMPs within the built environment, such as existing roadways or facility retrofits, but also with contaminated soils.

Our mutual success will also rely on in-house experience of other professionals showcased within the organizational chart and supporting resumes. We have included local Disadvantage Business Enterprises (DBEs) with Caltrans experience to cover a broad range of disciplines. This gives the City of Huntington Beach DBE availability and flexibility when working with contracts that include federal funding. Including in our team are:

Q3 Consulting, located in Foothill Ranch will assist our team with all things stormwater. Recently, HZ has been working with Q3 on the Trash Provisions Compliance Plan under the previous Huntington Beach On-Call.

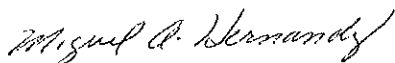
Blue Ocean Civil Consulting (DBE, WOSB, SBE), located in Santa Ana, will support our team with commercial and industrial inspections, as well as with the implementation of the storm water program. Jessica Cassman and Remi Candaele of Q3 have successfully worked together on storm water projects in Orange County for over 17 years.

VCS Environmental (DBE, WBE, SBE) located in San Juan Capistrano, will complement our team with Phase 1 ESAs and CEQA compliance. Remi Candaele previously completed water quality and floodplain management studies to support an EIR in Coto de Caza.

Our team will be dedicated to providing high-quality products to the City of Huntington Beach.

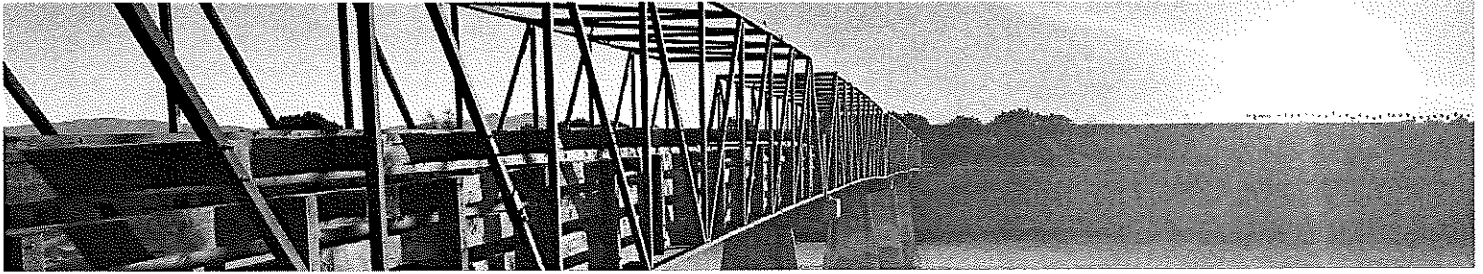
This proposed is signed by an officer allowed to bind the company. This proposal is valid for a period of 180 days. We look forward to working with the City.

Sincerely,
HUITT-ZOLLARS, INC.



Miguel Hernandez, PE, PLS, QSD/P
Vice President/Program Manager

B. Background and Project Summary Section



Huitt-Zollars, Inc. is a full-service civil engineering, surveying, and architecture firm with 24 offices throughout the U.S. Established in 1975, Huitt-Zollars has a staff of more than 600 professionals, technical and support personnel with diversified skills, capable of handling highly complex multi-discipline assignments. Huitt-Zollars is consistently ranked as a top design firm by Engineering News-Record and Architectural Record.

Huitt-Zollars has five regional offices strategically located throughout Southern California. The work for this on-call will be done primarily in our Irvine office. We have chosen a team who all have experience in this project area and the capability and depth to provide the expertise required to complete the tasks specific to the project. The team has been structured to empower members to efficiently apply their skills during the execution of the work and establish a clear hierarchy of functions and responsibilities to meet the project requirements.

Huitt-Zollars' wide range of experience in designing and permitting capital improvement projects (CIP) during our 49 years as a consulting firm, is well demonstrated in our Public Works, Transportation, Federal and Institutional practice areas. Our southern California offices in Ontario, Irvine, Los Angeles, San Diego, and Thousand Oaks have successfully completed CIP projects for the following clients:

CITIES: Huntington Beach, Santa Ana, Irvine, Rancho Mission Viejo, Laguna Beach, Santa Paula, Simi Valley, Oxnard, Thousand Oaks, Rialto, Fontana, Chino, Alhambra, Lancaster, Lakewood, Hermosa Beach, and Westlake Village

COUNTIES: Orange, San Bernardino, Los Angeles, Ventura, and Santa Barbara

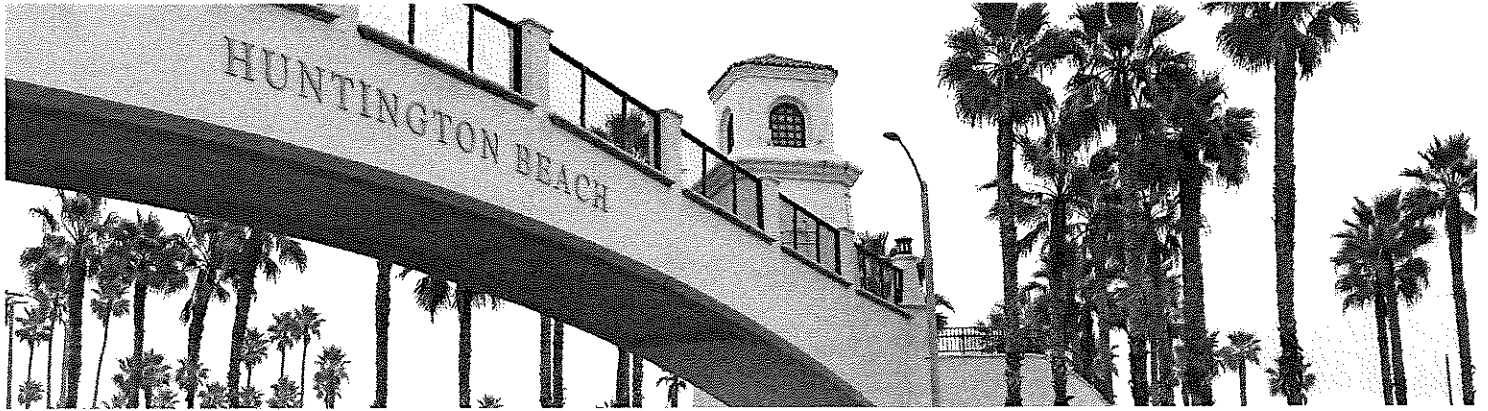
WATER QUALITY EXPERTISE

Since 1975, our services have included hydrology and hydraulics master drainage studies, storm drainage system design, evaluation and improvement of existing drainage systems, flood studies/routing, detention facility design, bridge hydraulic and scour studies, open-channel design, stormwater treatment and erosion control, FEMA permitting and map amendments, bio-engineering and others. Huitt-Zollars' drainage engineers use a full suite of hydrologic and hydraulic software programs to address the complexity and level of detail required to fully address the problem, develop, and evaluate solution alternatives.

Programs include HEC-RAS, HEC-HMS, ARCGIS, HECGEOHMS PONDPK, XP-SWMM, WINSTORM, AES, CivilDesign, WSPG, and FlowMaster. These modeling tools provide a way for Huitt-Zollars to develop real-life solutions for our clients. Huitt-Zollars recognizes the sensitive nature of hydrologic and hydraulic projects and strives to provide services to bring the development community, governmental entities, and the general public together so that the needs of all parties involved are met.

Huitt-Zollars has a proven track record of delivering high-quality construction documentation and design services for a diverse range of clients. Our portfolio includes successful projects for municipalities, governmental agencies, and non-governmental organizations. We have also collaborated with private developers and environmental consulting firms to ensure comprehensive and effective storm drain improvement plans. Our commitment to excellence and attention to detail has earned us the trust and satisfaction of our clients, making us a preferred partner for hydrologic and hydraulic engineering projects.

C. Methodology Section



The City needs a qualified engineering and environmental firm to provide professional design services for environmental and water quality engineering assignments. The HZ Team offers a unique and diversified expertise to performing water quality compliance inspections of construction, industrial, and commercial sites, as well as selecting, evaluating, sizing, and specifying Treatment Control BMPs at both the scale of a project and the scale of a watershed.

We understand the complexity of the regulatory framework, the physiographic setting of the City, and demonstrate extensive experience in each aspect of water quality compliance, whether it be inspections, outreach, watershed studies, stormwater implementation program development, BMP design and specifications, and cost estimates, or grant applications for storm water projects. Our methodology will be tailored to the specific needs of the City.

GRANT APPLICATION PHASE AND COMPREHENSIVE COST ESTIMATE

Federal, State Grant (Prop 1, Prop 84, etc.), and local OCTA Measure M2 funding are tied to local match requirements that are defined during the application process. The grant application is generally prepared based upon preliminary engineering schematics, a general understanding of the site conditions, and numeric performance goals. An increase in the final construction cost estimate may prove challenging. We highly recommend that preliminary engineering cost estimates capture representative earthwork quantity takeoffs, utility conflicts and relocation/replacement, construction cost escalation, and other costly items.

Huitt-Zollars will continue to monitor the state of current and upcoming grant opportunities and will report to the City. We will attend the grant application preparation meetings that are typically hosted by Orange County Watersheds. The key to preparing a grant application is to identify the multi-disciplinary scoring criteria and incorporate supplemental project features to help score in every possible category.

SELECTING AN EFFECTIVE TREATMENT TRAIN

Pre-Treatment System: Given the presence of fine sand and silt in the City, redundancy in the pre-treatment train should be implemented to ensure the long-term performance of the proposed trash capture and biofiltration systems. The design should account for the significant backwater effects that are typically introduced, but often dismissed, by BMPs which can result in flooding, especially given the topographic setting of the City.

Treatment Performance: The regional BMPs should rely on pollutant removal mechanisms that are effective at removing the pollutants of concerns, including Trash, Nutrients, Pathogens, Pesticides, and Sediment Toxicity. Trash capture, biofiltration, capture-and-reuse, sewer diversion mechanisms are proven to remove all pollutants, if feasible. Biofiltration systems are only effective at removing sediment-laden pollutants, including some nutrients and pesticides.

Regional Full Capture Trash BMPs: The implementation of distributed track racks or connector pipe screens across the City would result in a supplemental burden of the City's maintenance staff. Regional FCD BMPs, certified by the State Water Board, present a high initial capital cost but would alleviate the maintenance requirements.

COORDINATION WITH OCSD FOR SEWER DIVERSION

Given the current statewide regulations to save water in response to the drought conditions, OCSD and the City may benefit from exploring alternatives to increase water independence by relying on local sources, including the diversion of dry-weather runoff and storm water flows to the existing sewer network. HZ has a comprehensive understanding of the City's sewer infrastructure. Upon initial discussions with OCSD, we would recommend that a Citywide Sewer Diversion study be prepared to identify locations with sufficient sewer conveyance capacity.

PARTNERSHIP WITH CALTRANS AND OTHER ENTITIES

Caltrans District 12 has a set aside budget for joint stormwater projects with local agencies to meet the Statewide Caltrans MS4 Permit. Several potential joint projects that treat Caltrans right-of-way have already been discussed with Caltrans Staff, including Murdy Park, Franklin Dr, McCallen Park, and Robidoux Dr. Huitt-Zollars will continue to support the identification and implementation of joint projects. Other potential partners may be the County of Orange, OCWD, and the Cities of Fountain Valley, Westminster, and Costa Mesa.

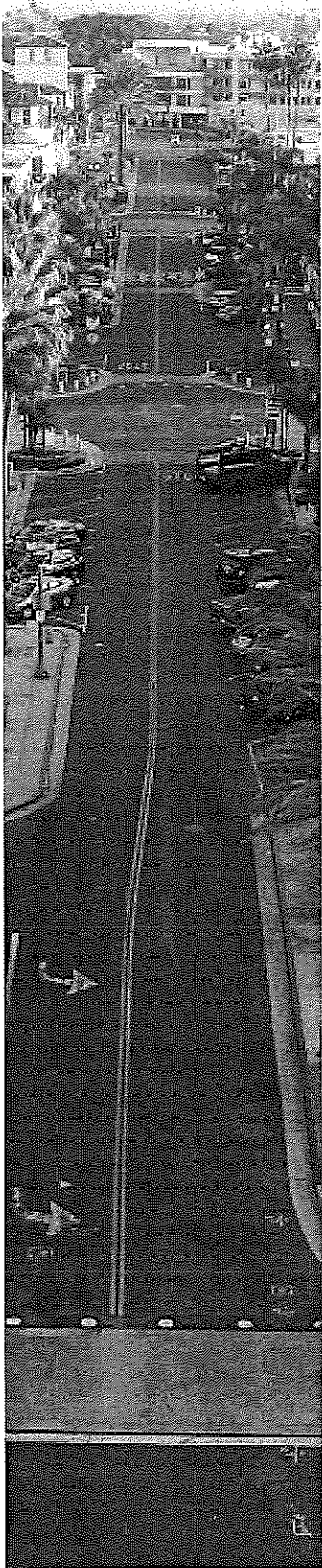
COMMERCIAL/INDUSTRIAL INSPECTIONS

Our HZ Team has extensive experience providing comprehensive site inspection in various settings. The purpose of the site inspections is to ensure necessary activities within the City comply with the MS4 permit by effectively prohibiting unauthorized non-stormwater discharges and reducing potential pollutant discharge to the maximum extent practicable. Specifically:

Municipal Inspection of Food Service Equipment (FSE): Our team recognizes that FOG is one of the primary causes of sanitary sewer blockages. Based on the Santa Ana RWQCB, sanitary sewer system overflows in Orange County from sewer collection systems have caused numerous City beach closures, the primary economic activity of Huntington Beach. When inspecting FSEs, our HZ Team will ensure that reporting has been made, employees have been trained, kitchen-specific BMPs are fully implemented, and grease interceptors, if any, are adequately operated and maintained. Inspection records of grease interceptors will be requested. During the industrial inspections an inspection checklist will be completed and pictures will be taken to document the findings. All non-compliant FSEs will be cited and be further discussed with the City for follow-up inspections.

Municipal Inspection of Industrial and Commercial Sites: Prior to performing an inspection, our HZ Team will review the status of the previous inspections, including the risk level, violations that were previously identified and resolved, as defined in the City database. Visits will be scheduled ahead of time by calling each business for an appointment. If not responsive, Huitt-Zollars will visit the place in person to identify whether the business still exists.

During each visit, the City's inspection checklist will be completed and photos will be taken. Areas of focus will include: use of water to wash hardscape, trash in common areas, handling/storage of chemicals and oils, sweeping and debris removal, and making sure the business is aware of their post construction BMPs, among others. In the case where a violation is identified, the HZ Team will coordinate with the City to discuss the encountered conditions. Because these are City businesses, education of the local business staff and communication skills are key to convey the message and ensure that all violations are remediated adequately.





PHASE 1 ESA/CEQA SUPPORT

The subsurface explorations for minerals by the Huntington Beach Company and others has resulted in an abundance of abandoned infrastructure and subsurface conditions that are specific to the City. It is anticipated that Phase 1 ESA will involve reporting storage tanks whether they are Aboveground (ASTs) or Underground (USTs), groundwater wells, analytical evaluation of chemicals, and identification of hazardous materials if buildings (ACMs, LBPs, PCBs, etc.) are retrofitted.

The HZ Team will assist the City in identifying project alternatives and features that may minimize the duration of the CEQA process and the potential for comments on the circulated document. Reports with environmental recommendations will be prepared. Findings from special studies may support the filing of a Categorical Exemption.

PS&E FOR WATER QUALITY BMPS

- Understand the task and the city's needs
- Visit the site
- Identify stakeholders
- Research the project context and background
- Determine permitting and regulatory requirements
- Identify problems, constraints, and opportunities
- Strategize possible solutions and evaluate alternates
- Assist the city in selecting a preferred alternative
- Develop the design into clear, constructible and cost-effective construction documents
- Determine construction phasing
- Support the environment documentation and right-of-way acquisitions as needed
- Provide construction administration, management, and surveying
- Close out the assignment with record documents

EXISTING SYSTEM INVENTORY

In order to identify potential conflicts between the existing infrastructure and future improvements, existing utilities will be located, verified, and compile into the topography using a four tier approach:

Tier I: Site Inspection and Coordination

Huitt-Zollars will conduct a site investigation that includes digital documentation. The findings will be used to formulate a project specific approach and scope of services. The information gather will identify utility purveyors in the project vicinity and assesses probable challenges during construction.

Tier II: Research and Gather Record Data

Huitt-Zollars will request records from utility purveyors. Record information will be verified during the topographic survey and compiled into a drawing. ADA ramps in the project vicinity that do not meet federal regulations will be identified and updated during design.

Tier III: Topography Survey

Our survey department will research right-of-way record information, survey visible utility features, and dip manholes within the project area. Huitt-Zollars is leading the industry with drone surveying and scanning technologies. The new technology has a perfect platform in aerial photography. The data can produce 3D accuracy that is better than conventional aerial photography. The technology interfaces well with GIS, AutoCad, Civil3D and other design platforms. The combination of low cost and easy assimilation to multiple versions of technologies provides a lot of opportunity for planning and design. Survey information will be used to verify utility locations, inverts, size, and flow direction.

Tier IV: Sub-Surface Investigation

The information collected in tiers I through III is used to identify possible utility conflicts. In a conclusion where a project requires pothole investigation and ground penetration radar to verify size and location. An exhibit that identifies the work within the excavation zone will be coordinated with the subsurface investigation consultant.



TEAM EXPERIENCE

To effectively incorporate advanced innovative designs into projects, it is imperative to understand that this team has been properly prepared. Our design process is interactive and responsive, engaging all stakeholders relevant to the success of the project. The professionals included in the organization chart have been specifically selected based on the described needs. Keeping the continuity of information and decision-making that is funneled through project managers is critical to the success of our projects. The professionals for each task are the professionals you will see throughout the life of a project. We have also developed a working relationship with consultants that have been selected for projects. We have assembled the right team!

FAMILIARITY WITH STATE AND FEDERAL PROCEDURES

Huitt-Zollars has the experience to provide services that require State and Federal Procedures. Federal Work and associated federal procedures are a daily occurrence at HZ. Experiences include:

- HZ helped OC Parks receive a \$1.4 Million Grant for Measure M2 Environmental Cleanup. Work included technical studies and grant writing assistance.
- HZ provided PS&E that met federal and state ADA requirements, worked included compliance to MS4 Permit, filing a CLOMR/LOMR, preparing a hydraulic study for Caltrans approval, and work with State Fire Marshal.
- Caltrans State Wide Permit Assistance with Storm Water Compliance Services since 2008.
- Experience and relationships to assemble teams that meet DBE requirements.
- Familiar with Caltrans Local Assistance Procedures Manual (LAPM).

FINANCIAL RESPONSIBILITY

Huitt-Zollars' project management and supervision philosophy centers around the axiom, "Plan the Work and Work the Plan." The three key components of "Plan the Work" are scope, budget, and schedule. "Work the Plan" means adhering to the planned scope, budget, and schedule. The concept of "Working the Plan" does not mean it is a static, inflexible document, but rather a dynamic one that morphs and changes as the project's needs change. Our chosen project manager accepts the responsibility and accountability in establishing and maintaining these components. The Project Manager will develop a "Project Work Plan" that is reviewed with the City during kickoff. After the work plan is approved, it is reviewed with our assigned staff so that each team member can understand the expected level of effort and the product that needs to be delivered. Tasks that are performed will meet the required milestones as set by the project work plan. The project manager updates the PWP to reflect daily communicating.

In our 50 year history we have not encountered financial difficulty in the completion of projects of any sizes. Over the past three years, the firm has averaged \$96 million in revenue. Our local branch has a capacity of \$11.5 million. We have plenty of capacity for additional projects and will be able to provide the expected insurance coverages. Our accounting department will provide invoices in the Local Assistance Procedure Manual.

DEMONSTRATE TECHNICAL ABILITY

At Huitt-Zollars our vision is to provide high quality design services in all disciplines, to maintain a balanced practice with robust capabilities, and to deliver projects to public works clients. Our strategy in achieving this vision has been the enhancement of our design practice through our proposed team.

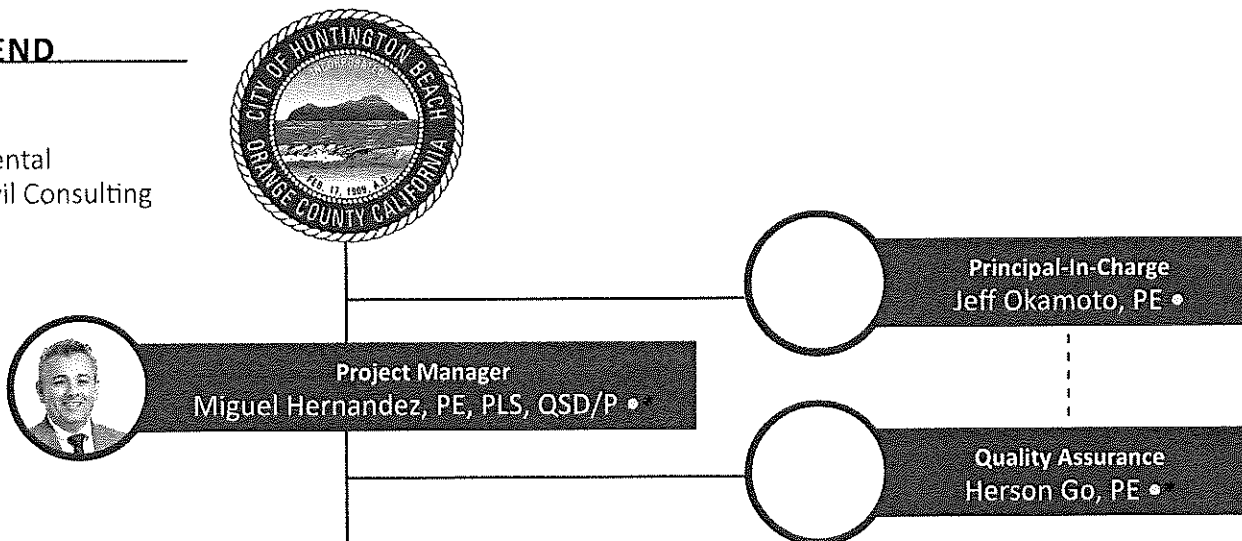
D. Staffing

ORGANIZATIONAL CHART

The principals and professionals you see in the organization chart will be the same professionals you will see throughout the life of the project. Keeping the continuity of information and decision-making funneled through our professionals, is critical to project success. The Huitt-Zollars' design team will be further supported by the current staff of over 580 professionals, committing our depth of resources to respond to your project.

LEGEND

- ◊ Huitt-Zollars
- ◊ Q3 Consulting
- VCS Environmental
- Blue Ocean Civil Consulting
- * **Key Personnel**



SERVICE	KEY PERSONNEL
General Engineering	Carl Taylor, PE, LEED AP ◊ * Remi Candaele, PE, MS, QSD/P ◊ *
Water Quality	Hla Htun, PhD, PE, QSD/P ◊ * Azadeh Hemati, PhD •
Monitoring and Inspections	Jessica Casman, PE, CFM, CPESC, QSD/P, ENV. SP, LEED AP ◊ * Vanessa Tucker •
Studies and Reports	Wade Caffrey • * Amber Takenouchi, PE, CFM, QSD, ENV. SP, LEED AP •
Grant Application	Carl Taylor, PE, LEED AP ◊ * Candace Tong, PE •
Preliminary Engineering	Adam Lunzer, PE ◊ *
Construction Documents	Sean Oliver, PE • *
Permits	Steven Mendoza, PE ◊ *
Bidding and Construction Stage	Johnny Murad, PE ◊ *

D. Staffing – Resumes



PROFESSIONAL EXPERIENCE

28 Years

EDUCATION

BS, Civil Engineering,
California State Polytechnic
University, San Luis Obispo

REGISTRATION

Professional Engineer:
CA #61378

Professional Land Surveyor:
CA #8735

Qualified SWPPP
Developer:
CA #22312

KEY STRENGTHS

- Experience with Water Quality Practices
- Numerous grading and slope stabilization projects
- Environmental constraints and permitting experience
- Hydrology & Hydraulic experience that translates to application of scouring and erosion control of channel and basins

Miguel Hernandez, PE, PLS, QSD/P

Project Manager



Miguel Hernandez has vast experience in Public Works and is proficient with the design of streets, highways, sewer, water, storm drain, grading, hydrology and hydraulics. His experience combined with his ability to communicate will make him a valuable asset to the project. As a Project Manager, he will be helpful in coordinating all design inclinations and finding the appropriate balance. When critical deadlines need to be met, his proven ability to work under pressure is invaluable.

RELEVANT PROJECT EXPERIENCE

Trash Compliance Assistance | *Huntington Beach, CA*

On-Call Water Resources Engineering Services | *Santa Ana, CA*

Miguel is the project manager for various tasks under this on-call contract. Task orders have included pavement rehabilitations, sewer conversions, ADA compliance, WSMP, survey, and environmental documentation. See page 12 for full project description.

Barranca Channel Improvements | *Irvine, CA*

The City of Irvine intends to improve Jamboree Road to mitigate a deficient Level of Service. A fifth through lane will be added in both travel directions. The project starts at the I-405 northbound on/off-ramps and ends at Kelvin Avenue. This include modifications to a box culvert, wing walls, and the slope stabilization rip-rap at Barranca Channel. The hydraulics analyzes volume and velocities within the channel in order to specify the size and length of rip-rap. Required permit processing with Orange County Flood Control District.

Pierce, Valley and Harbor Colleges Sewer Assessments | *Multiple Locations, Los Angeles, CA*

The assessments combined the expertise of LACCD and HZ civil engineering staff to analyze the sewer systems at various campuses. This included reviewing past work, plans, and conducting a site visit to inspect over 40,000 linear feet of sewer lines and manholes. Our team examined reports, CCTV footage, photos, engineering manuals, and interviewed plumbing staff to assess pipe integrity. The work focused on planning cost-effective rehabilitation to extend the life of the system, providing construction cost estimates and proposing alternatives based on standard engineering practices and soil compaction methods.

Oakmont Park and Live Oak Canyon Creek Design Evaluation and Repair | *Redlands, CA*

Huitt-Zollars conducted hydrologic, hydraulic, geomorphic, and geotechnical investigations to assess the causes of creek bed degradation and bank erosion. Upstream development in Oakmont Park increased discharge rates and reduced sediment supply, causing lateral meander. Failed check dams lacked proper embedment, leading to further erosion towards Live Oak Canyon Road. The team identified an erosion control solution based on constructibility, cost, environmental factors, and effectiveness, including riprap for creek protection and 4-foot tall gabion grade control structures placed at 70-foot intervals.

Herson Go has experience delivering civil engineering design projects with an emphasis on drainage, hydrology and hydraulics and Stormwater Quality Management from PA/ED through PS&E for Design-Bid-Build and Design-Build contracts. Go has played a key role in developing numerous engineering solutions, transportation, public works, site development, and drainage projects. Herson is a highly advanced user of MicroStation, InRoads suite of products, ProjectWise and AutoCAD.

RELEVANT PROJECT EXPERIENCE

LACCD, Los Angeles Harbor College, 3 Stormwater
Projects
Los Angeles, CA

Live Oak Canyon Geological Assessment
Redlands, CA

Los Angeles Harbor College, Sewer Design Task Order
Los Angeles, CA

Caltrans/LA Metro, I-605/Valley Boulevard Interchange
City of Industry, CA

Cypress Avenue Storm Drain and Street Improvements
Fontana, CA

PROFESSIONAL EXPERIENCE

37 Years

EDUCATION

Graduate Studies, Environmental
Engineering and Water Resources,
Howard University
BS, Civil Engineering at Mapúa
Institute of Technology

REGISTRATION

Professional Engineer: CA #30924

Carl Taylor, PE, LEED AP
General Engineering/Grant Application Support

Carl Taylor is Huitt-Zollars' most experienced civil engineer and project manager in our California offices. He has engineered or managed a vast number and wide variety of public infrastructure projects involving preparation of construction plans, specifications, and estimates. He has strong hands-on design expertise and a keen eye for quality. Many of his projects have included roadway and intersection widening, grading, stormwater management, and water quality treatment. Carl is skilled at leading multi-discipline teams on complex projects.

RELEVANT PROJECT EXPERIENCE

Blufftop Beach Restrooms
Huntington Beach, CA

Sunrise Drainage Retarding Basin
Hermosa Beach, CA

Irvine Regional Park Drainage Improvements
Irvine, CA

Stormwater Infrastructure Analysis
Baldwin Park, CA

Springfield Avenue Storm Drain
Hermosa Beach, CA

Gobernadora Multipurpose Basin
Robinson Ranch, CA

PROFESSIONAL EXPERIENCE

49 Years

EDUCATION

BS, Civil Engineering, University of
California, Berkeley

REGISTRATION

Professional Engineer: CA #30924

Dr. Htun is a Professional Engineer with experience specializing in surface water modeling, hydraulic design, and water resource management. Currently, he conducts hydrological and hydraulic studies for urban development. He designs and analyzes energy dissipators for a major arterial highway improvement against downstream erosion. He designs Low Impact Developments for flood control and hydrologic condition of concern while preparing the Water Quality Monitoring Report, Drainage Report, and Stormwater Pollution Prevention Plan.

RELEVANT PROJECT EXPERIENCE

Cypress Avenue Storm Drain and Street Improvements
Fontana, CA

On-Call Engineering Services, Rancho Santa Margarita
Water District
Orange County, CA

Pine Avenue Widening and Extension
Chino, CA

LACCD, East Los Angeles College, East and Corporate
Stormwater
Los Angeles, CA

Los Patrones Parkway Extension
Orange County, CA

PROFESSIONAL EXPERIENCE

15+ Years

EDUCATION

PhD, Natural Resources and
Environmental Management,
University of Hawai'i at Mānoa
MS, Civil Engineering, California State
University Long Beach
BS, Civil Engineering, Yangon
Technological University

REGISTRATION

Professional Engineer: CA #80108
Qualified SWPPP Developer:
CA #28660

Adam Lunzer, PE
Preliminary Engineering

**HUITT
ZOLLARS**

Adam Lunzer has experience in a wide variety of civil design projects for various counties and cities throughout Southern California. He has been actively involved in project engineering and design from due diligence and planning, to final design and through construction. In his experience he has acts as a civil design team lead and provides the oversight of construction document production, plan processing, coordination of multiple disciplines and subcontractors, setting internal schedules, monitors task budgets and progress towards deadlines.

RELEVANT PROJECT EXPERIENCE

Pine Avenue Widening and Extension
Chino, CA

OC V!be River Walk
Anaheim, CA

Baseline Road Storm Drain Improvements
Rialto, CA

Wagon Wheel Levee
Oxnard, CA

Mill Creek Sewer and Storm Drain
Ontario, CA

On-Call Water Resources Engineering Services
Santa Ana, CA

PROFESSIONAL EXPERIENCE

17 Years

EDUCATION

BS, Civil Engineering, California State
Polytechnic University, San Luis
Obispo

REGISTRATION

Professional Engineer: CA #77396

Sean Oliver has ample experience in stormwater infrastructure design using a variety of hydrologic and hydraulic softwares for urban development and public works projects. He has been responsible for the corresponding plans, specifications, and estimates in addition to the drafting of technical reports.

RELEVANT PROJECT EXPERIENCE

CEQA MND Preparation
Santa Ana, CA

Live Oak Canyon Geological Assessment
Redlands, CA

Septic to Gravity Sewer Conversion
Santa Ana, CA

Pine Avenue Widening and Extension
Chino and Chino Hills, CA

Cypress Avenue Storm Drain and Street Improvements
Fontana, CA

PROFESSIONAL EXPERIENCE

17 Years

EDUCATION

BS, Civil Engineering, California State
Polytechnic University, Pomona

REGISTRATION

Professional Engineer: CA #97285

Steven Mendoza, PE
Permits

Steven Mendoza, PE began his career in surveying, specializing in construction surveying for residential developments doing topographic mapping and boundary surveys. Since his transition to civil engineering in 2012, Mendoza has become widely knowledgeable with rough grading, storm drain systems, road design, and wet utility design. Working on many capital improvement projects throughout southern California, his proficiency with AutoCAD earned him his position as the Digital Lead for HZ's Irvine office.

RELEVANT PROJECT EXPERIENCE

Los Patrones Parkway Extension
Orange County, CA

LACCD, Los Angeles Mission College, South Arroyo Storm
Water
Los Angeles, CA

La Pata Transfer Station
Rancho Mission Viejo, CA

Great Park, South Lawn Restroom
Irvine, CA

LACCD, Los Angeles Harbor College, 3 Stormwater
Projects
Los Angeles, CA

Emergency San Juan Creek Slope Repair
Rancho Mission Viejo, CA

PROFESSIONAL EXPERIENCE

20 Years

EDUCATION

BS, Civil Engineering, California State
Polytechnic University, Pomona

REGISTRATION

Professional Engineer: CA #95503
Land Surveyor In Training: CA #8040

Johnny Murad brings experience in civil engineering consulting and project management. He has assisted numerous public works clients in feasibility studies, preliminary construction cost estimates, earthwork estimates, plan check and permit fee estimates, conceptual project planning, final design, and construction administration. His ability to work with latest technology provides him with tools to carry out complex projects with ease and efficiency. His experience gives him a good understanding of project costing techniques and calculations, which can help keep the project cost at a minimum without losing efficiency and, thereby, help his clients stay within their planned project budget.

RELEVANT PROJECT EXPERIENCE

Cypress Avenue Storm Drain and Street Improvements
Fontana, CA

Ross, Walnut and Magnolia Storm Drain Improvements
Chino, CA

Baseline Road Storm Drain Improvements
Rialto, CA

Pine Avenue Widening and Extension
Chino, CA

Pioneer Avenue, San Bernardino Avenue and Alabama
Street Roadway Widening and Rehabilitation
Redlands, CA

PROFESSIONAL EXPERIENCE

29 Years

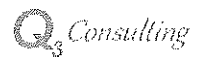
EDUCATION

BS, Civil Engineering, California State
Polytechnic University, Pomona

REGISTRATION

Professional Engineer: CA #67512
Qualified SWPPP Developer:
CA #00956

Remi Candaele, PE, MS, QSD/P
General Engineering

 Q₃ Consulting

Remi Candaele brings versatile background in watershed management planning and the design and evaluation of storm water improvements for Public Works and Institutional entities. He understands the importance of proactive communication with both internal and external stakeholders. Remi's has been recognized by numerous prestigious awards, including the 2016 Young Engineer in the Private Sector of the Western U.S. and the 2021 Carl Blum Award by the American Society of Civil Engineers.

RELEVANT PROJECT EXPERIENCE

As-Needed Stormwater On-Call
Huntington Beach, CA

On-Call MS4 Assistance and Stormwater Improvements
Los Angeles County, CA

On-Call Stormwater Assistance
Ventura, CA

Tank and Booster Station 24 Rebuild Low Impact
Development
Torrance, CA

OCPW, South Orange County HMP and Model WQMP
Orange County, CA

PROFESSIONAL EXPERIENCE

18 Years

EDUCATION

MS, Civil Engineering, Water
Resources, University of Texas

REGISTRATION

Professional Engineer: CA #77517



Wade oversees the Biological Resources and Regulatory Permitting Departments. Wade manages the biological surveys, biological technical reports, regulatory permitting, and habitat mitigation work at VCS. His field work includes monitoring mitigation sites and conducting biological surveys and assessments of onsite resources, such as special status species, jurisdictional waters, and other sensitive resources. Wade manages the preparation of and prepares biological reports and planning documents such as HMMPs, MMRs, CRAM analysis reports, CEQA, species survey reports, jurisdictional delineations, and habitat conservation plan compliance documents.

RELEVANT PROJECT EXPERIENCE

SBCTA, Environmental On-Call
San Bernardino County, CA

Marine Base Redevelopment
Tustin, CA

Anita Street Wet Well and Coastal Accessway
Improvement Project
Laguna Beach, CA

Jurupa Road Grade Separation Project
Jurupa Valley, CA

PROFESSIONAL EXPERIENCE

14 Years

EDUCATION

BS, Biology, San Diego State
University

Jessica Casman, PE, CFM, CPESC, QSD/P, ENV. SP, LEED AP
Monitoring and Inspections



As a surface water management and water quality permit compliance expert, Jessica brings proactive, practical, and collaborative solutions to development projects. With a passion to leverage rainfall into beneficial uses that reduce pollutant discharge to water bodies while also minimizing flood risk, she has extensive experience with LID BMP designs for NPDES permit compliance; Post-Construction Stormwater Mitigation Plans, regional, master plan, commercial, and residential hydrology and hydraulic modeling; GIS; infrastructure/facility/construction site inspection; and team coordination.

RELEVANT PROJECT EXPERIENCE

Universal Studios, Water Quality Compliance Consultant
Hollywood, CA

Waste Management LOMR
Sun Valley, CA

Stormwater Quality Master Plan
Culver City, CA

Grijalva Park, Santiago Creek
Orange, CA

Commercial Hydrology and Hydraulic Studies and Water
Quality Compliance, Crean Luthern High School
Irvine, CA

PROFESSIONAL EXPERIENCE

20+ Years

EDUCATION

BS, Civil and Environmental
Engineering, University of California,
Davis

REGISTRATION

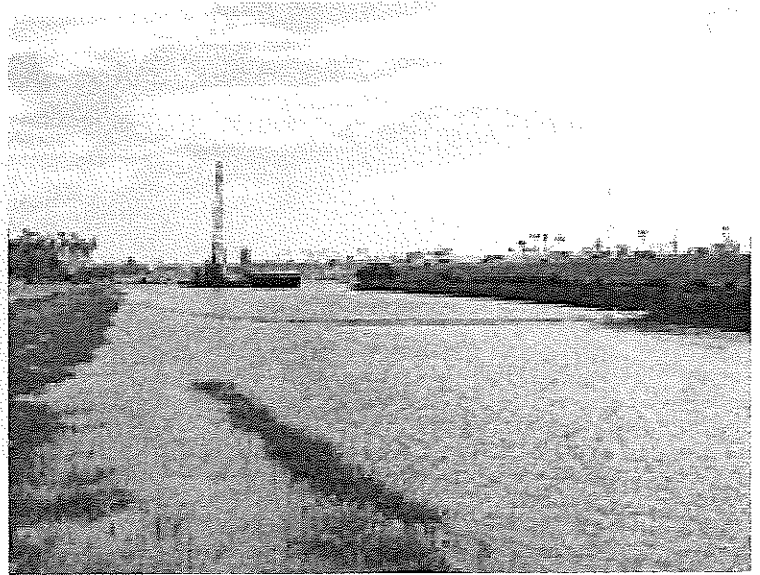
Professional Engineer: CA #73907
Qualified SWPPP Developer:
CA #23247

E. Qualifications

On-Call Environmental Engineering Services

Santa Ana, CA

KEY STAFF	Project Manager – Miguel Hernandez
CLIENT CONTACT	City of Huntington Beach Jim Merid (714) 536-5431 jmerid@surfcity-hb.org



Huitt-Zollars has been assisting Q3 and the City with its Stormwater Implementation Program, providing a wide range of services including the preparation of:

Citywide Trash Amendment 2023

BMP Feasibility Study and Master Planning including the Citywide Trash Compliance Plan based on the citywide storm drain, which resulted in the identification of more than 70 retrofit opportunities. An emphasis on Regional BMPs, including infiltration BMPs, biofiltration BMPs, and large-scale hydrodynamic separators has proven to be cost effective based on long-term maintenance costs. A BMP sitting feasibility was performed to determine pollutant load reduction, flow capacity, flooding impacts, and traffic impacts during construction. BMP opportunities were validated by assessing the presence of potential easements, utility conflicts, and hydraulic gradients. Preliminary engineer's estimates of probable costs and fact sheets were created for each opportunity.

Atlanta Pump Station

Retrofit study of existing City pump station to incorporate full capture trash screens and media to capture pollutants of concern. Mapping of subsurface utilities and operational capabilities to define a conceptual design for inclusion into the CIP program.

McCallen Park Revised PS&E

Construction documents for LID and Trash BMPs including the McCallen Park Water Quality Improvements to remove trash and debris from more than 2 square miles. Design challenges included shoring for a 32-foot deep pit, relocation of SCE and SCG lines, contaminated soil, as well as coordination with the Boys and Girls Club.

OCTA Grant Proposal

Successful grant applications such as OCTA M2 Tier 1 and helped initiate collaborative efforts with Caltrans District 12.

E. Qualifications

On-Call Water Resources

Engineering Services

Santa Ana, CA



KEY STAFF

Project Manager – Miguel Hernandez
Survey – David Mackey
Water Quality – Hla Htun
Project Support – Sean Oliver

CLIENT CONTACT

City of Santa Ana
Armando Fernandez
(714) 647-3316
afernandez@santa-ana.org



Under the previous 2022-2025 On-Call Water Resources Engineering contract, Huitt-Zollars assisted the City with the following projects:

Lincoln Avenue Pavement Rehabilitation, ADA, and Perimeter Wall

Replaced 8" sewer and 8" water along Lincoln Avenue, including laterals to the right-of-way. This project also included replacement of sidewalks for ADA compliance, street rehabilitation, geotechnical and perimeter wall services. Converse Consultants performed geotechnical services for this project.

Industrial Streets Pavement Rehabilitation, WQMP

Replacement of 12" sewer and 10" water that included rehabilitation of v-gutter on each side of the street and full pavement replacement of the street and parking areas adjacent to right-of-way. Other services include the WQMP and survey.

Septic to Gravity Sewer Conversion, Environmental Compliance, and WQMP

Huitt-Zollars added 8" sewer to an old neighborhood with septic tanks. The addition of sewer allowed a conversion to gravity sewer. Other services include 8" water replacement, street light replacement, survey, WQMP, environmental documents, annexation from Tustin to Santa Ana, and coordination with Caltrans.

Sanitary Sewer Septic to Gravity Conversion Project South

Construction of 8" sewer and water in a neighborhood near 17th Avenue and Tustin Avenue. Huitt-Zollars is providing PS&E for over 8,500 linear feet of proposed 8" sewer, service laterals, and manholes.

Lacy Neighborhood Water Replacement Project

This project replaced over 15,000 linear feet of water line and services. It is part of a citywide program that proposed to replace and increase capacity of over 30,000 linear feet of water line per year. Huitt-Zollars prepared PS&E that included topography and temporary high water lines. Converse Consultants performed geotechnical services for this project.

French Park Water Replacement Project

This project replaced over 18,000 linear feet of water line and services. It is part of a citywide program that proposed to replace and increase capacity of over 3,000 linear feet of water line per year. Huitt-Zollars prepared PS&E that included topography and temporary high water lines. Converse Consultants performed geotechnical services for this project.

Glenwood Place Water Main Improvements

Replacement of 12" sewer and 10" water that included rehabilitation of v-gutter on each side of the street and full pavement replacement of the street and parking areas adjacent to right-of-way. Other services include the WQMP and survey.

Los Patrones Parkway

Extension

Orange County, CA

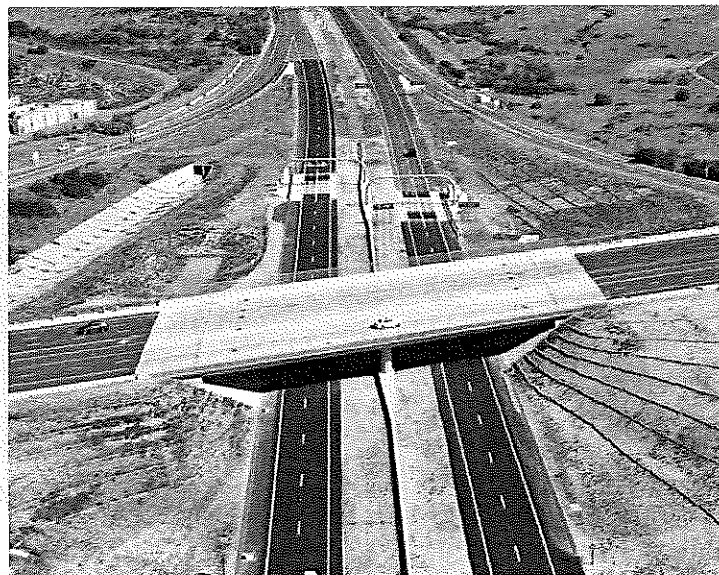


KEY STAFF

Senior Civil Lead – Miguel Hernandez
Roadway Design – Sean Oliver
Storm Drain Design – Hla Htun
Survey – David Mackey

CLIENT CONTACT

Orange County Public Works
Helen Hernandez
(714) 667-8800
helen.hernandez@ocpw.ocgov.com



Following the successful completion of Los Patrones Parkway, Huitt-Zollars was selected to provide additional engineering services for the extension of Los Patrones Parkway (LPPE) from Cow Camp Road to Avienda La Pata. In May 2024, HZ submitted a comprehensive Project Report detailing the research, analysis, conclusions and recommendations for the design and future construction of LPPE in south Orange County.

25% Design Plans were developed for rough grading, street design, and a Class I bike path, along with preliminary documents including a WQMP and preliminary Hydrology and Hydraulic Analysis for three basins and water quality basins. Additionally, HZ proposed a culvert design and provided conceptual utility relocation design as well as utility conflict resolution.

Architectural and Engineering On-Call MS4 Assistance and Stormwater

Multiple Locations, Los Angeles County, CA



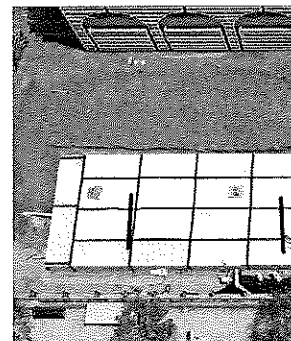
KEY STAFF

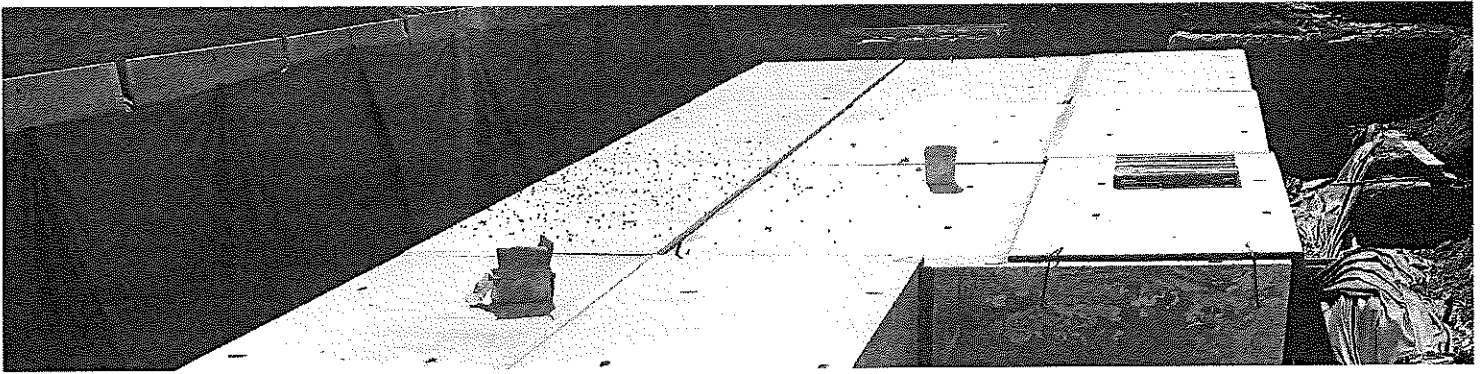
Senior Civil Lead – Miguel Hernandez
Storm Drain Design – Hla Htun
Herson Go
Electrical – Jeffrey Roberts
Survey – David Mackey
Geotechnical – Converse Consultants

Huitt-Zollars has been providing civil, architectural, surveying, and construction administration services to support the BuildLACCD program that seeks to modernize and renovate the nine District colleges. Huitt-Zollars is providing plans, specification, and estimates for storm drain, sewer, water quality, street, electrical, and landscaping improvements to meet State Water Board, improve aging utility infrastructure, and incorporate ADA requirements on campuses. Below is a brief description of relevant projects:

Los Angeles Mission College, South Arroyo Stormwater Project

The project consists of an underground infiltration system to be located in the existing ponded swale area adjacent to the parking structure. The project will install an underground infiltration system capable of accepting discharge from the drainage area. The underground infiltration system will include deep dry wells to connect to deep sandy layers underground and a biofiltration area. The existing ponded swale area will be rehabilitated into a biofiltration area that will sit above and serve as pretreatment for the underground infiltration system. A new trench drain will be installed at the service road entrance to the parking structure that will convey water into the proposed underground infiltration system.





Los Angeles Harbor College, 3 Storm Water Projects

LACCD is required to comply with the upcoming phase II MS4 Permit post-construction requirements. Plans, specifications, estimates, and construction support were provided for 2-acre-feet of subsurface infiltration chambers and 15,000 square feet of raised medians retrofitted with biofiltration systems, associated storm drain, sewer, parking lot, electrical, architectural improvements. Upgrades to improve aging utility infrastructure, and incorporate ADA requirements on campuses. Structural, accessibility, and fire+life safety requirements from DSA are addressed as part of the design. Because the precast concrete chamber is located under the NCAA-rated baseball outfield, unique features were included:

- Coordination with baseball coach to meet NCAA standards and relocate access manholes outside of diamond to limit hazards
- Architectural details of perimeter fencing and maintenance access gates
- ADA improvements of electric vehicle parking lot, notably for van accessible stalls
- Duct banking retrofit of existing electrical lines
- Cross-connection permitting from the Department of Public Health
- 400-linear feet of flood control channel
- Sewer line reinforcement at shallow crossings

East Los Angeles College, FM&O Replacement and NAHPS Swing Space Site Utilities and Topographic Survey

Huitt-Zollars prepared a Site Utilities and Topographic Survey Plan in support of demolition of the existing FM&O Department, relocation of campus technology spaces, and construction of a new FM&O facility. Our services included aerial topographic survey, detailed field survey, research of existing utilities, underground utility location and potholing services. Data gathered from the above tasks was consolidated into a CADD file and provided to ELAC in advance of demolition and construction.

East Los Angeles College, Northeast Drainage Project

Plans, technical specifications, and cost estimates are being prepared for this publicly funded storm drain project that has been approved for design and implementation through both BuildLACCD Measure CC and Los Angeles County Measure W. BuildLACCD has partnered with the City of Monterey Park for this specific project and was granted funding by the Rio Hondo Watershed Area Steering Committee. This project will help comply with post-construction requirements of the Phase II Municipal Separate Storm Sewer System (MS4) Permit and will help achieve the pollutant reduction requirements of Phase 1 2021 Regional MS4 Permit through the regional compliance pathway for the transit hub.

East Los Angeles College, East And Corporate Stormwater

Huitt-Zollars is currently working with the College Project Team and BuildLACCD to program, approve, and design stormwater harvest-and-biotreat systems at the Corporate Center and for the East Drainage area on East Campus. Underground collection systems include storm drain, diversion vaults, pump vaults, valve and magmeter vaults, controls, and electrical connections. Biofiltration basins are designed per CASQA Standards. At the East Campus, raised biofiltration planters are proposed as an amenity for Los Angeles Metro bus riders. Huitt-Zollars coordinated with the City of Monterey Park to review the scope of work at both locations, and identify a setback from the existing sewer line along Avenida Cesar Chavez. Key features include: Designed per CASQA Standards, Stormwater Management Systems, Smart Pump System, Utility Improvements, and ADA Design.

Pine Avenue Widening and Extension

Chino and Chino Hills, CA



KEY STAFF

Project Manager – Miguel Hernandez
Civil Design – Sean Oliver
Storm Drain Design – Hla Htun
Landscape Architecture – Chris Scott
Survey – David Mackey

CLIENT

City of Chino

CONTACT

Lisa Naslund
(310) 634-8322



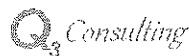
Huitt-Zollars coordinated with the California Department of Transportation (Caltrans) District 8 and Army Corp of Engineers to plan and design the extension and widening of Pine Avenue for the Cities of Chino and Chino Hills. The project includes a new urban four-lane arterial street from State Route 71 to El Prado Road, widening the existing Pine Avenue to a four-lane arterial street from El Prado Road to Euclid Avenue, and construction of a 500-foot-long bridge structure over Chino Creek. The project also involves widening and improving the existing alignment, installing a 4-barrel reinforced concrete box culvert system, a golf cart crossing, and coordination with various stakeholders and agencies.

The 4-barrel reinforced concrete box culvert system will allow for crossing of the Cypress Channel which conveys approximately 4,000 cubic feet of storm water per second during the peak event. The constructed embankment will need to be excavated from the Prado dam area to compensate for the loss of stormwater storage capacity due to the roadway embankment. The length of the widening segment is 1,700 lineal feet, and the length of the extension segment across the Prado flood plain is 5,800 lineal feet (1.4 miles total). The total grading will be 400,000 cubic yards.

This project includes the preparation of preliminary and final roadway design plans, storm drain plans, street lighting plans, environmental documentation, soils analysis, traffic study and report, traffic signal plans, utility coordination, power pole relocation, raising of an existing electric tower, right of way needs assessment and document preparation, Caltrans coordination, permit processing, engineers estimates, bid administration and construction administration.

As-Needed Green Infrastructure Engineering

Orange County, CA



KEY STAFF

Project Manager – Remi Candaele
Support – Azadeh Hemati
Candace Tong

CLIENT

Orange County Public Works

CONTACT

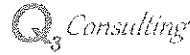
Robert Rodarte
(714) 955-0642
robert.rodarte@ocpw.ocgov.com

Q3 Consulting has been providing assistance to the County with its Stormwater Green Infrastructure Implementation Program. Services include:

- Post-Construction Inspections and Evaluations of County-Owned Dual-Use Bioretention Basins
- Review of the database containing all water quality BMPs operated and maintained by OC Operations and Maintenance
- Preparation of O&M template form including content, layout, graphics, and related services.
- Maintenance including vegetation, equipment, location, and materials.
- Support of O&M for long-term implementation.

State College Boulevard Stormwater Capture and Conveyance

Anaheim, CA



KEY STAFF	Project Manager – Remi Candaele Support – Azadeh Hemati Candace Tong
CLIENT	City of Anaheim
CONTACT	Lori Ishigo (714) 765-4113 lishigo@anaheim.net

Q3 led the preparation of Preliminary Design Report to retrofit the relinquished State College Blvd. VCP pipe into a cost-effective stormwater diversion, treatment, capture, infiltration, and conveyance system. Event-based and long-term effectiveness of the considered alternatives were evaluated using an advanced SWMM5 hydraulic model. 30% plans and profiles, drywell and diversion details, specifications, and probable engineer's estimates of the preferred alternatives are being prepared. For each alternative, a matrix was prepared to summarize utility conflicts, geotechnical recommendations, traffic impacts, maintenance requirements, and cost effectiveness. Q3 supported the City with a successful OCTA Measure M2 application, including the preparation of exhibits and information for the OC Stormwater Tool.

Design specifications were defined to address specific concerns, including the capture of fine sediments (sieve #400 or smaller), the constructability of 60-foot deep drywells in sand strata, the ability to mitigate surcharge on 60-year old joints, and the protection of existing infrastructure.

SBCTA, On-Call Environmental Services

San Bernardino County, CA



KEY STAFF	Project Manager – Remi Candaele Support – Azadeh Hemati Candace Tong
CLIENT	City of Anaheim
CONTACT	Lori Ishigo (714) 765-4113 lishigo@anaheim.net

VCS Environmental is the sole on-call environmental firm for San Bernardino County Transportation Authority (SBCTA) since 2009, providing environmental services including preparation and peer review of CEQA/NEPA documents including technical studies. VCS provides strategic planning and oversees jurisdictional resource field delineations and reports, as well as preparing biological reports, regulatory permit applications, CRAM assessments, and EIR compliance documents.

In the preparation and review of environmental documents for SBCTA, VCS's focus is to ensure compliance with Caltrans, FHWA, and FTA policies and guidelines to minimize delays in the agency review and approval process and provide strategic advocacy on SBCTA's behalf. In addition, VCS regularly interacts with regulatory agencies on behalf of SBCTA in support of their ongoing projects. To further support project efforts, VCS team members regularly attend Project Development Team (PDT) meetings and coordinate extensively with project consultants.

Projects include:

- Colton Crossing
- Palm Avenue Grade Separation
- I-15 Corridor Project
- Lenwood Avenue Grade Separation
- Hunt's Lane Grade Separation
- I-10 Corridor Express Lanes Project
- I-215 Washington Interchange
- SR-210 Corridor Project
- Measure I Regulatory Inventory
- SR-210 Pepper Avenue Interchange

References of Work Performed Form

(List 5 Local References)

Company Name: Huitt-Zollars, Inc.

1. Name of Reference: City of Huntington Beach

Address: 2000 Main Street, Huntington Beach, CA 92648

Contact Name: Jim Merid Phone Number: (714) 536-5431

Email: jmerid@surfcity-hb.org

Dates of Business: 2019 - Present

2. Name of Reference: City of Irvine - Great Park Improvements

Address: 1 Civic Center Plaza, Irvine, CA 92623

Contact Name: Brian Polivka Phone Number: (949) 724-7340

Email: bpolivka@cityofirvine.org

Dates of Business: 2019 - Present

3. Name of Reference: City of Santa Ana - On-Call Water Resources

Address: 20 Civic Center Plaza, Santa Ana 92701

Contact Name: Armando Fernandez Phone Number: (714) 647-3316

Email: afernandez@santa-ana.org

Dates of Business: 2013 - Present

4. Name of Reference: City of Rialto - Baseline Road Storm Drain Improvements

Address: 150 South Palm Avenue, Rialto, CA 92376

Contact Name: Art Cervantes Phone Number: (909) 820-2531

Email: acervantes@rialtoca.gov

Dates of Business: 2022 - Present

5. Name of Reference: LACCD - On-Call MS4 Assistance

Address: 1055 Corporate Center Drive, Monterey Park, CA 91754

Contact Name: Joel Ochs Phone Number: (219) 314-0912

Email: joel.ochs@build-laccd.org

Dates of Business: 2022 - Present

EXHIBIT "B"

Payment Schedule (Hourly Payment)

A. Hourly Rate

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

SEE ATTACHED EXHIBIT B

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

C. Billing

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

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

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

EXHIBIT "B"



City of Huntington Beach

On-Call Civil Engineering Professional Consulting Services 2025-2028 HOURLY RATE SHEET

Engineering/Architecture

Principal	\$ 365.00
Sr. Project Manager	\$ 340.00
Design Principal	\$ 280.00
QA Manager	\$ 270.00
Project Manager	\$ 300.00
Sr. Civil Engineer	\$ 270.00
Sr. Structural Engineer	\$ 290.00
Sr. Mechanical Engineer	\$ 270.00
Sr. Electrical Engineer	\$ 270.00
Civil Engineer	\$ 240.00
Structural Engineer	\$ 215.00
Mechanical Engineer	\$ 215.00
Electrical Engineer	\$ 215.00
Plumbing Engineer	\$ 215.00
EIT	\$ 180.00
Sr. Architect	\$ 255.00
Sr. NL Architectural Staff	\$ 225.00
Architect	\$ 225.00
Architect Intern 3	\$ 190.00
Architect Intern 2	\$ 145.00
Architect Intern 1	\$ 130.00
Sr. Landscape Architect	\$ 240.00
Landscape Architect	\$ 170.00
Landscape Architect Intern	\$ 130.00
Sr. Designer	\$ 210.00
Designer	\$ 170.00
Sr. CADD Technician	\$ 155.00
CADD Technician	\$ 130.00

Interior Design

Sr. Interior Designer	\$ 185.00
Interior Designer	\$ 130.00
Interior Designer Intern	\$ 115.00

Survey

Survey Manager	\$ 310.00
Sr. Project Surveyor	\$ 250.00
Project Surveyor	\$ 170.00
Survey Technician	\$ 140.00

Survey Crews

1-Person Survey Crew	\$ 240.00
2-Person Survey Crew	\$ 390.00
3-Person Survey Crew	\$ 475.00

Construction

Construction Manager	\$ 195.00
Resident Engineer	\$ 180.00
Inspector/Owner's Representative	\$ 140.00
Sr. Project Representative	\$ 135.00
Resident Project Representative	\$ 110.00

Administrative

Sr. Project Support	\$ 135.00
Project Support	\$ 125.00

*Subject to escalation beyond the year 2028.



FEE SCHEDULE
January 1, 2025 through December 31, 2025

Compensation for work performed on a time and materials basis will be computed as follows:

<u>MANAGEMENT</u>	<u>HOURLY RATE</u>
Principal.....	\$280.00
Director	255.00
Associate	253.00
Sr. Project Manager, Sr. Technical Manager	253.00
Project Manager.....	231.00

CIVIL ENGINEERING SERVICES

Senior Project Engineer.....	\$230.00
Project Engineer.....	210.00
Senior Designer	205.00
Designer	193.00
Engineer	188.00
Design Engineer, Design Technician.....	165.00
CAD Technician, Design Engineer Technician.....	139.00
Project Technician/Project Coordinator.....	127.00
Engineering Technician	121.00
Administration	107.00
Engineering Intern.....	92.00

SURVEY AND MAPPING SERVICES

Field Supervisor	\$212.00
Project Surveyor.....	186.00
GIS Specialist	171.00
Survey Analyst.....	132.00
Three Person Crew	335.00
Two Person Crew	285.00
One Person Crew.....	205.00

NOTE: FOR SURVEY WORK REQUIRING PREVAILING WAGE

Three Person Crew	\$395.00
Two Person Crew	336.00
One Person Crew.....	215.00

SPECIAL SERVICES

Consultation Re: Litigation	\$520.00
-----------------------------------	----------

DRY UTILITY SERVICES

Principal.....	\$245.00
Sr. Project Manager, Sr. Technical Manager	200.00
Project Manager.....	188.00
Senior Designer	165.00
Project Coordinator.....	115.00
CAD Technician.....	103.00
Assistant Project Coordinator	92.00
Administration	89.00

CONSTRUCTION SUPPORT

Principal	\$267.00
Sr. Project Manager, Sr. Technical Manager	212.00
Project Manager	195.00
Field Engineer	190.00
Administration	89.00

MISCELLANEOUS FEES

The following services are billed at our cost plus a 15% markup:

- Subcontracted services
- Map check fees or filing fees advanced by us
- Transportation, meals and lodging for overnight travel and incidental travel expenses
- Commercial delivery services, including Federal Express, Express Mail, and Messenger Services
- Plotting and blueprint services and printing
(The client is encouraged to arrange for printing, other than prints or plots on our blueprint machine and plotters, to be contracted directly with an outside blueprint company acceptable to us. Please provide us with your account information to bill directly to the account to save on markup fees)



2025 Fee Schedule

Job Title	Hourly Rate
President	\$350/hour
Vice President	\$285/hour
Directors	\$265/hour
Assistant Directors	\$250/hour
Senior Project Manager III	\$243/hour
Senior Project Manager II	\$239/hour
Senior Project Manager I	\$230/hour
Project Manager III	\$227/hour
Project Manager II	\$219/hour
Project Manager I	\$212/hour
Assistant Project Manager	\$203/hour
Project Coordinator	\$190/hour
Biologist	\$190/hour
Senior Archaeologist/Paleontologist	\$215/hour
Botanist	\$179/hour
Archaeologist/Paleontologist	\$192/hour
Production Coordinator	\$135/hour
Office Assistant	\$120/hour
Field Assistant	\$120/hour
Senior Cultural Field Monitor	\$115/hour
Cultural Field Monitor	\$110/hour

The VCS project manager reserves the right to make adjustments to staff allocations as necessary within the overall budget.

REIMBURSABLE EXPENSES. Expenses incurred directly for the Client's project will be billed at the actual cost and are not included in the original contract amount. Expenses include, but are not limited to, reprographics, Federal Express, necessary transportation costs including mileage by automobile at the 2025 IRS reimbursement rate (\$0.70/per mile), toll road fees, meals and lodging, computer software and services and photocopying.

SUBCONTRACTOR ADMINISTRATION. A Management Fee of 10 percent (10%) will be added to the direct cost of all subconsultant services to provide for subconsultant administration, insurance and billing.

EQUIPMENT CHARGES.

Small Unmanned Aircraft System (Drone) \$325 per day | Field Survey Computer Software \$350 per project

Submeter GNSS Surveying Device \$40 per day

PAYMENT DUE. Invoices are due upon presentation and shall be considered past due if not paid within 15 (fifteen) calendar days of the due date. Finance charges, computed by a "Periodic Rate" of 1-1/2% per month, will be charged on all past due amounts. This scope of work will be valid for 90 days from the date of this proposal. Delays in approval will be subject to the current VCS fee schedule.

OVERNIGHT & WEEKEND WORK. Over 8 hours, nighttime and Saturday monitoring are charged at time and a half and work on Sunday is charged double time.

MULTI-YEAR CONTRACTS. Multi-year contracts are subject to annual billing rate increases/staff promotions.

CHANGE ORDERS. Change Orders are subject to future fee schedule increases.



BLUE OCEAN

CIVIL CONSULTING

Exhibit A – Rate Schedule

<u>Professional Services</u>	<u>Hourly Rate</u>
Project Manager/Senior Engineer	\$185.00
Engineer	\$160.00
Inspector	\$130.00
<u>Reimbursable Expenses</u>	<u>Amount (\$)</u>
Reproduction	Cost
Sub-Consultant Services.....	Cost + 10%
Automobile Transportation (federal)	\$0.70/mile
Commercial Travel & Subsistence	Cost
Agency Fees (Plan Check, Permits, etc)	Cost + 10%

Rates Subject to Revision