

# City of San Diego

CONTRACTOR'S NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
TELEPHONE NO.: \_\_\_\_\_ FAX NO.: \_\_\_\_\_  
CITY CONTACT: Michelle Muñoz - Contract Specialist, Email: [MichelleM@sandiego.gov](mailto:MichelleM@sandiego.gov)  
Phone No. (619) 533-3482, Fax No. (619) 533-3633  
P. Bowden / A. Rekani/ Lad

## REQUEST FOR QUALIFICATIONS DOCUMENTS (Step 1 of 2)



### MULTIPLE AWARD DESIGN-BUILD CONTRACTS (MACC) FOR WATER, WASTEWATER, AND STORMWATER PIPELINE PROJECTS

RFQ NO.: \_\_\_\_\_ **K-17-1518-MAC-3**  
SAP NO. (WBS/IO/CC): \_\_\_\_\_ **11000314**  
CLIENT DEPARTMENT: \_\_\_\_\_ **2000, 2116**  
COUNCIL DISTRICT: \_\_\_\_\_ **CITYWIDE**  
PROJECT TYPE: \_\_\_\_\_ **JA, JB, JC, KA, KB, CA, CB**

#### **THIS PROJECT IS SUBJECT TO THE FOLLOWING:**

- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.
- PREVAILING WAGE RATES: STATE  FEDERAL
- APPRENTICESHIP

#### **STATEMENTS OF QUALIFICATIONS (SOQs) DUE:**

**12:00 NOON  
MARCH 21, 2017  
CITY OF SAN DIEGO  
PUBLIC WORKS CONTRACTS  
1010 SECOND AVENUE, 14<sup>th</sup> FLOOR, MS 614C  
SAN DIEGO, CA 92101  
ATTN: CONTRACT SPECIALIST**

# REQUEST FOR QUALIFICATIONS

## TABLE OF CONTENTS

SECTION	PAGE NUMBER
1. INTRODUCTION.....	3
2. EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP) PROVISIONS .....	6
3. ESTIMATED PROJECT COST .....	6
4. PROJECT DESCRIPTION.....	7
5. PROJECT SCHEDULE.....	7
6. STATEMENT OF QUALIFICATIONS REQUIREMENTS .....	7
7. PROCUREMENT PROCESS .....	8
8. PRE-SUBMITTAL ACTIVITIES .....	9
9. ADDITIONAL TERMS & CONDITIONS .....	10

## ATTACHMENTS

A. Project Background, Scope of Work and Past MACC Task Orders, .....	12
B. Submittal Requirements and Evaluation Criteria .....	15
C. Certification of Exception to Request for Qualifications .....	23
D. Forms .....	25

## 1. INTRODUCTION

- 1.1 PURPOSE:** The City of San Diego (City) is requesting Statements of Qualifications (SOQ) for Multiple Award Design-Build Contracts, also known as Multiple Award Construction Contracts (MACC), pursuant to §22.3310 of the San Diego Municipal Code. This is a solicitation for design and construction, alteration, and repair to the City's water, stormwater, and wastewater facilities by means of indefinite delivery indefinite quantity (IDIQ) multiple award construction contract.
- 1.2 NUMBER OF CONTRACTS TO BE AWARDED:** This Request for Qualifications (RFQ) is the first step in the procurement process for the award of multiple Design-Build projects. Upon completion of the RFQ phase, the City in its sole discretion may award no less than 3 and no more than 5 contracts to the firms deemed most highly qualified based upon the RFQ Criteria.
- 1.3** The City will not reimburse Design-Builders for costs incurred in the preparation, submittal and participation in the RFQ process.
- 1.4** This RFQ does not commit the City to award a contract, or to procure or contract for work.
- 1.5 SUMMARY OF WORK:** The City is seeking to acquire Design-Build services for Design-Build projects to include design and construction, alteration, and repair to the City's water, wastewater and storm water pipeline for various facilities in the City. Work and Services required of the Design-Builder will include design, construction, and startup of the Project. The Design-Builder shall provide all management, supervision, labor, services, temporary facility, equipment, tools, supplies, and any other item needed to complete the design and construction, as described in **Attachment A**.
- 1.6 PERFORMANCE PERIOD:** The performance period for each contract awarded will include an initial base period of one (1) year with two additional 1 year option periods for a total performance period of three (3) years.
- 1.7 FORMAT RECEIPT AND OPENING OF SOQs:** SOQs will be received in electronic format (eBids) EXCLUSIVELY at the City of San Diego's electronic bidding (eBidding) site, at: <http://www.sandiego.gov/cip/bidopps/index.shtml> and are due by the date, and time shown on the cover of this solicitation.
- 1.8 SUBMITTERS MUST BE PRE-REGISTERED** with the City's bidding system and possess a system-assigned Digital ID in order to submit and electronic proposal.
- 1.9** The City's bidding system will automatically track information submitted to the site including IP addresses, browsers being used and the URLs from which information was submitted. In addition, the City's bidding system will keep a history of every login instance including the time of login, and other information about the user's computer configuration such as the operating system, browser type, version, and

more. Because of these security features, Contractors who disable their browsers' cookies will not be able to log in and use the City's bidding system.

- 1.10** Upon entry of their SOQ, the system will ensure that all required fields are entered. **The system will not accept an SOQ for which any required information is missing.** This includes all necessary pricing, subcontractor listing(s) and any other essential documentation and supporting materials and forms requested or contained in these solicitation documents.
- 1.11 SOQs REMAIN SEALED UNTIL DUE DATE AND TIME.** Electronic submissions are transmitted into the City's bidding system via hypertext transfer protocol secure (https) mechanism using SSL 128-256 bit security certificates issued from Verisign/Thawte which encrypts data being transferred from client to server. SOQs submitted prior to the Due Date and Time are not available for review by anyone other than the submitter, who will have until the Due Date and Time to change, rescind or retrieve its proposal should they desire to do so.
- 1.12 SOQs MUST BE SUBMITTED BY DUE DATE AND TIME.** Once the deadline is reached, no further submissions are accepted into the system. Once the Due Date and Time has passed, bidders, proposers, the general public, and City staff are able to immediately see the results on line. City staff may then begin reviewing the submissions for responsiveness, Equal Opportunity Contracting Program (EOCP) compliance and other issues.
- 1.13 RECAPITULATION OF THE WORK.** SOQs shall not contain any recapitulation of the Work. Conditional SOQs may be rejected as being non-responsive. Alternative SOQs will not be considered unless called for.
- 1.14 SOQs MAY BE WITHDRAWN** by the Submitter prior to, but not after, the time set as Due Date and Time.
- 1.14.1 Important Note:** Submission of the electronic SOQ into the system may not be instantaneous. Due to the speed and capabilities of the user's internet service provider (ISP), bandwidth, computer hardware and other variables, it may take time for the proposer's submission to upload and be received by the City's eBidding system. It is the proposer's sole responsibility to ensure their SOQs are received on time by the City's eBidding system. The City of San Diego is not responsible for SOQs that do not arrive by the required date and time.
- 1.15 ACCESSIBILITY AND AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANCE:** To request a copy of this solicitation in an alternative format, contact the Public Works Contract Specialist listed on the cover of this solicitation at least five (5) working days prior to the due date to ensure availability.

**1.16 ELECTRONIC SUBMISSIONS CARRY FULL FORCE AND EFFECT**

**1.16.1** The submitter, by submitting its electronic SOQ, acknowledges that doing so carries the same force and full legal effect as a paper submission with a longhand (wet) signature.

**1.16.2** The submitter, by submitting their electronic SOQ, agrees to and certifies under penalty of perjury under the laws of the State of California, that the certification, forms and affidavits submitted as part of this SOQ are true and correct.

**1.17 CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:**

**1.17.1** Prior to the Award of a Contract or Task Order, you and your Subcontractors and Suppliers must register with the City's web-based vendor registration and bid management system. For additional information go to:

<http://www.sandiego.gov/purchasing/bids-contracts/vendorreg.shtml>

**1.17.2** The City may not award a contract until registration of all subcontractors and suppliers is complete. In the event this requirement is not met within the time frame specified in the Notice of Intent to Award letter, the City reserves the right to rescind the Notice of Award / Intent to Award and to make the award to the next responsive and responsible bidder

**1.18 SOQs ARE PUBLIC RECORD:** Upon receipt by the City, SOQs shall become public records subject to public disclosure. It is the responsibility of the respondent to clearly identify any confidential, proprietary, trade secret or otherwise legally privileged information contained within the SOQ. General references to sections of the California Public Records Act (PRA) will not suffice. If the Design-Builder does not provide supply applicable case law that clearly establishes that the requested information is exempt from the disclosure requirements of the PRA, the City shall be free to release the information when required in accordance with the PRA, pursuant to any other applicable law, or by order of any court or government agency, and the Design-Builder will hold the City harmless for release of this information.

**1.19 PUBLIC DISCLOSURE:** Selection announcements, contract awards, and all data provided by the City shall be protected from public disclosure. Design-Builder's desiring to release information to the public, shall receive prior written approval from the City.

**1.20 CONFLICT OF INTEREST:** Any architectural firms, engineering firms, specialty consultants, or individuals previously retained by the City to assist in drafting the Project's preliminary design, General Development Plan or Drawings shall not be eligible to participate in the competition with any Design-Build Entity without the prior written consent of City. Any architectural firms, engineering firms, specialty consultants, or individuals retained by the City to assist in drafting any Reference

Documents or other document that was not prepared specifically for this contract, are considered to be eligible to participate.

## **2. EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP) PROVISIONS**

**2.1** The City is dedicated to the principles of equal opportunity in the workplace and in subcontracting. It is the City's expectation that firms doing business with the City have and are able to demonstrate the same level of commitment.

**2.2** The Design-Builders are encouraged to take positive steps to diversify and expand their Subcontractor solicitation base and to offer subcontracting opportunities to all eligible Subcontractors. The Design-Builder shall comply with requirements of San Diego Municipal Code §§ 22.2701 through 22.2708, Equal Employment Opportunity Outreach Program (EEO Program).

### **2.3 CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM**

**2.3.1** Prior to the award of the Contract, the Design-Builder, Subcontractors, and Suppliers must register with the City's web-based vendor registration and bid management system, BidsOnline™ hosted by PlanetBids System. For additional information go to:

<http://www.sandiego.gov/purchasing/bids-contracts/vendorreg.shtml>.

**2.3.2** Following the award of the Contract, the Design-Builder will be required to use the City's web-based contract compliance application for EOCP reporting purposes e.g., Weekly Certified Payroll, Monthly Employment Utilization, and Monthly Payments. Online tutorials are available at:

<http://stage.prismcompliance.com/etc/vendortutorials.htm>

**2.3.3** The City may retain progress payments if:

**2.3.3.1** The non-registered Design-Builder, Subcontractors, or Suppliers fail to register,

**2.3.3.2** EOCP reporting is delinquent or inadequate, or

**2.3.3.3** Underpayment has occurred.

**2.4** For additional Equal Opportunity Contracting Program requirements, see the 2015 Whitebook.

**3. ESTIMATED PROJECT COST:** The cumulative value of all contracts awarded through this solicitation will not exceed **\$100,000,000** for the total performance period (i.e., base period plus all options).

**3.1** The minimum Task Order guaranteed is \$5000 per Contract over the full term of the Contract, including any options. To receive the minimum guarantee, the Design-Builder must have submitted responsive Proposals to all RFPs in the first

year of this contract, and not have been awarded any Task Order. Typical projects will have an estimated construction cost between **\$1,000,000 and \$30,000,000**.

**4. PROJECT DESCRIPTION:** See Attachment A.

**5. PROJECT SCHEDULE**

**5.1** The following milestones are provided for reference only. All dates are tentative and are subject to change.

<b>5.1.1</b>	Pre-submittal Meeting	March 01, 2017
<b>5.1.2</b>	SOQ due date	March 21, 2017
<b>5.1.3</b>	Shortlist Finalists	April 14, 2017
<b>5.1.4</b>	Selection and Notification	June 27, 2017
<b>5.1.5</b>	Receipt of Bonds and Insurance Certifications	September 20, 2017
<b>5.1.6</b>	Notice to Proceed	October 1, 2017
<b>5.1.7</b>	Mandatory Outreach Meeting	TBD

**6. STATEMENT OF QUALIFICATIONS REQUIREMENTS**

**6.1 GENERAL**

**6.1.1** Design-Builders interested in participating on this MACC as a Prime Contractor shall be pre-qualified.

**6.1.1.1** All Design-Builder applicants must submit a complete prequalification application online to the Public Works Contracts, Prequalification Program no later than 2 weeks prior to the SOQ due date and time. Complete information and links to the online prequalification application are available at:

<http://www.sandiego.gov/cip/bidopps/prequalification.shtml>

**6.1.1.2** For additional information or the answer to questions about the prequalification program, contact David Stucky at (619) 533-3474 or [dstucky@sandiego.gov](mailto:dstucky@sandiego.gov).

**6.1.1.3** Due to the City's fiduciary requirement to safeguard vendor data, City staff will not be able to provide information regarding contractors' prequalification status over the telephone. Contractors may access real-time information about their prequalification status via their vendor profile on [PlanetBids™](#).

**6.1.2** The City desires to receive SOQs only from qualified and experienced Design-Builders who demonstrate significant knowledge of Design-Build construction projects, extensive experience and successful performance on public works infrastructure projects of comparable size and scope.

- 6.1.3** All Design-Builders must be prequalified under the City's Pre-Qualification Program for a minimum \$30,000,000. Prequalification status for all Design-Builders must be maintained for the term of the MACC.

## **7. PROCUREMENT PROCESS**

**7.1** All properly licensed and pre-qualified Design-Builders will be evaluated and ranked based on past performance, experience and technical qualifications in accordance with Attachment B. The City will, at its sole discretion, interview any or all design-builders who submit an SOQ for the purposes of gaining further information regarding the design-builders' qualifications. Between 3 and 5 of the highest ranked Design-Builders will be selected and awarded a contract.

**7.2** For future Design-Build Projects during the term of this MACC, the City will solicit Proposals from all the Design-Builders who receive contracts resulting from this RFQ.

**NOTE:** The MACC awardees shall submit a responsive proposal for each Task Order, Failure to do so may result in the City's terminating the award of the base contract at its sole discretion. MACC awardees that fail to submit Proposal twice in twelve month period may have their contract terminated and be ineligible to submit future Proposals.

**7.3** Architectural firms, engineering firms, consultants, or individuals retained by the City to assist in drafting any portion of the Public Utilities Department's Master Plan, and any other document that was not prepared specifically for this Contract are eligible to participate in the competition with any Design-Builders bidding for the Project.

**7.4** Architectural firms, engineering firms, consultants, or individuals retained by the City to assist in drafting the RFQ, RFP, or the Project's preliminary design are not eligible to participate in the competition with any Contractor bidding for the Project.

**7.5** The following steps are included in the City's MACC procurement process:

**7.5.1** RFQ is issued by the City.

**7.5.2** Design-Builders submit SOQs.

**7.5.3** The City selects the 3-5 firms determined to be most qualified for a MACC award under this solicitation, and submits the list to the Mayor and City Council for approval.

**7.5.4** RFPs for any future MACC tasks shall be issued to the selected Design Builders by the City as needed.



## 8. PRE-SUBMITTAL ACTIVITIES

### 8.1 SUBMISSION OF QUESTIONS:

- 8.1.1** The Director (or Designee) of Public Works Department is the officer responsible for responding to questions and opening, examining, and evaluating the SOQs submitted to the City for the acquisition, construction, and completion of any public improvement except when otherwise set forth in these documents. All questions related to this solicitation shall be submitted to:

Public Works Contracts  
1010 Second Avenue, 14<sup>th</sup> Floor  
San Diego, California, 92101  
Attention: Contract Specialist listed on the front cover of this RFQ.

Or:

To the email address of the Contract Specialist listed on the front cover of this RFQ.

- 8.1.2** Questions received less than 14 Days prior to the Statement of Qualifications due date may not be considered.
- 8.1.3** Clarifications or clarifications deemed by the City to be material shall be answered via issuance of an addendum and posted to the City's online bidding service.
- 8.1.4** Only questions answered by formal written addenda shall be binding. Oral and other interpretations or clarifications shall be without legal effect. It is the Design-Builder's responsibility to be informed of any Addenda that have been issued.

### 8.2 PRE-SUBMITTAL MEETING

- 8.2.1 Pre-Submittal Meeting:** Design-Builders wishing to submit an SOQ are required to attend the Pre-Submittal Meeting. The purpose of the meeting is to discuss the scope of the Project, submittal requirements, the pre-qualification process and any Equal Opportunity Contracting Program requirements and reporting procedures. To request a sign language or oral interpreter for this visit, call the Public Works Contracts Division at (619) 533-3450 at least 5 Working Days prior to the meeting to ensure availability. Failure to attend the Mandatory Pre-Submittal Meeting may result in the Design-Builder's SOQ being deemed non-responsive. The Pre-Submittal meeting is scheduled as follows:

**Date:** MARCH 1, 2017  
**Time:** 10:00AM  
**Location:** 1010 Second Avenue, Suite 1400, San Diego, CA 92101  
Large Conference Room

Attendance at the Pre-Submittal Meeting will be evidenced by the Design-Builder's representative's signature on the attendance roster. It is the responsibility of the Design-Builder's representative to complete and sign the attendance roster.

**Design-Builders may not be admitted after the specified start time of the mandatory pre-submittal meeting.**

**8.2.2** To request a copy of the agenda in an alternative format, or to request a sign language or oral interpreter for this meeting, call the Public Works Contracts Division at (619) 533-3450 at least 5 Working Days prior to the Pre-Submittal Meeting to ensure availability.

**8.3 REVISIONS TO THE RFQ:** Any changes to the Contract Documents through addendum are made effective as though originally issued with the solicitation. The Design-Builders shall acknowledge the receipt of any Addenda at the time of SOQ submission.

## **9. ADDITIONAL TERMS AND CONDITIONS**

**9.1 CITY'S RIGHT TO CANCEL:** City reserves the right to cancel, in part or in its entirety, this RFQ including but not limited to: selection schedule, submittal date, and submittal requirements. If the City cancels or revises the RFQ, all potential Design-Builders will be notified in writing by the City.

**9.2 INTERVIEWS:** The City reserves the right to interview and request additional information and clarifications from any responders to RFQ.

### **9.3 ALLOCATION OF RISK:**

**9.3.1** The selected Design-Builder shall indemnify and hold harmless the City for claims, suits, losses or damages arising out of the negligent acts, errors, or omissions of the Design-Builder, Subcontractors, or Subcontractors attributable to the design effort.

**9.4 PRE-DESIGN AND DESIGN REPORTS:** The Design Builder's proposal shall ultimately serve as the Pre-Design Report. If there is a change in design from what was originally submitted as the Design Builder's Proposal, a Design Report shall be required.

**9.5 PREVAILING WAGE RATES:** Prevailing wage rates will apply to this contract.

# ATTACHMENTS

## **ATTACHMENT A**

### **PROJECT BACKGROUND, SCOPE OF WORK, AND PAST MACC TASK ORDERS**

## **Project Background, Scope of Work and Past MACC Task Orders.**

- 1. Background:** A Design-Build MACC for design and construction, alteration, and repair to the City's water, wastewater and storm water pipeline by means of an indefinite delivery indefinite quantity (IDIQ) MACC for various facilities in the City. Work and Services required of the Design-Builder include those during design, construction, and startup of the Project. The Design-Builder shall provide all management, supervision, labor, services, temporary facility, equipment, tools, supplies, and any other item of every kind and description required for the complete design, construction, and start-up of the Project.
- 2. Scope of Work:** Future MACC Task Orders/Projects may include new, replacement and/or rehabilitation to existing sewer, water or storm drain pipelines with the City of San Diego limits. Other work, may include replumbing existing sewer and/or water services and other appurtenances, curb ramps, street improvements, and providing traffic Control. Each MACC Task Order Scope of Work will be defined in the RFP MACC Task Order.

### **3. Past MACC Task Orders/Projects:**

#### **B14127, AC Water Group 1010**

Replace 8,420 LF (1.59 mi) of existing 6" and 8" prioritized AC water mains; abandon 195 LF (0.04 miles) of existing AC water main within an easement; re-plumb one existing water service to the street; and including associated water services, fire hydrants, curb ramps, traffic control, and other appurtenances.

Design/Construction Cost Estimate: \$3 million

#### **S12009, La Jolla Scenic Drive**

Replace 18,555 LF (3.51 miles) of existing asbestos cement (AC) water main (size varies 6-inch to 12-inch), and 1,573 LF (0.30 miles) of existing 8-inch polyvinyl chloride (PVC) water main with new PVC water main (new main size varies—transmission line is 16-inch, parallel distribution mains should match existing pipe size except for a 12-inch segment on Nautilus Street. Includes associated water services, fire hydrants, curb ramps, traffic control, etc. Construct 902 LF (0.17 miles) of new 16-inch PVC water main between Soledad Mountain Road and the existing Soledad Pump Station. Abandon (by slurry fill) a total of 1,089 LF (0.21 miles) of existing 16-inch water main. 300 LF of the total is ductile iron (DI) and 789 LF is AC. Relocate an existing pressure regulating station (PRS) to an off-street location (under ex. sidewalk, etc.) It is currently installed at the T-intersection of Nautilus Street and Muirlands Drive in the middle of Nautilus Street. Replace 1,348 LF (0.26 miles) of existing 8-inch VCP sewer main with 8-inch PVC sewer main including associated sewer laterals and manholes.

Design/Construction Cost Estimate: \$6.7 million.

- 4. CONTRACTOR'S LICENSE CLASSIFICATION:** In accordance with the provisions of California Law, the Contractor shall possess valid, appropriate license(s) at the time that the Bid is submitted. Failure to possess the specified license(s) may render the Bid as **non-responsive** and ineligible for award.

- 4.1. The City has determined that the following licensing classification(s) are required for this contract:

Option	Classification(s)
1	CLASS A
2	CLASS C34, CLASS C42

- 4.2. The Bidder shall satisfy the licensing requirement by meeting **at least** one of the listed options.

**ATTACHMENT B**  
**SUBMITTAL REQUIREMENTS AND EVALUATION CRITERIA**

## **ATTACHMENT B**

### **SUBMITTAL REQUIREMENTS AND EVALUATION CRITERIA**

#### **1. SUBMITTAL REQUIREMENTS**

- 1.1.** The SOQ shall be concise, well organized, and demonstrate the Design-Builder's qualifications and experience applicable to the Project. The SOQ shall be limited to 25 one-sided pages (8 1/2 x 11) - exclusive of resumes, graphics, forms, pictures, photographs, dividers and front/back cover - that address the RFQ requirements. Font Type shall be Times New Roman in a minimum 12 point font size, with a minimum 1" margin for text pages. A cover letter may be submitted but shall not contain any information that is a required element of the RFQ as per Attachment B, Submittal Requirements and Selection Criteria. Any SOQ that does not comply with these formatting standards may not be considered.
- 1.2.** Documentation required by Attachment B, Section 9, Subcontractor Documentation, shall be in addition to the page limit stated above.
- 1.3.** SOQs shall be signed by an individual or individuals authorized to execute legal documents on behalf of the Design-Builder.
- 1.4.** SOQs shall be received no later than the time and place specified on the cover of this RFQ. SOQs and related materials received after the date and time specified above may not be considered.
- 1.5.** Failure to comply with the requirements of this RFQ may result in disqualification.
- 1.6.** SOQs submitted in response to this RFQ shall be in the following order and shall include:
  - 1.6.1.** Exceptions to this RFQ.
  - 1.6.2.** Executive Summary.
  - 1.6.3.** Experience and Technical Competence.
  - 1.6.4.** Proposed Method to Accomplish the Work.
  - 1.6.5.** Knowledge and Understanding of Local Environment.
  - 1.6.6.** Project Organization and Key Personnel
  - 1.6.7.** Equal Employment and Contracting Information.
  - 1.6.8.** Financial Information and Arrangements.
  - 1.6.9.** Change Order and Litigation History.

SOQs that do not contain the aforementioned components may not be considered.



## **2. EVALUATION CRITERIA**

- 2.1.** Addenda to this RFQ: The Design-Builder is to confirm in its SOQ the receipt of all addenda issued to this RFQ. Failure to acknowledge all addenda issued may result in the SOQ being considered non-responsive and ineligible for further consideration.
  - 2.1.1.** The Design-Builder is not required to include copies of the actual addenda in its SOQ.
- 2.2.** Identification of the Design-Builder: Failure to provide the Identification of the Design-Builder may result in the SOQ being considered non-responsive and ineligible for further consideration.
  - 2.2.1.** Legal name and address of company.
  - 2.2.2.** Legal form of company (partnership, corporation, joint venture, etc.). If joint venture identify the members of the joint venture and provide all information required under this section for each member.
  - 2.2.3.** Year of establishment of entity.
  - 2.2.4.** If company is subsidiary of a parent company, identify the parent company.
  - 2.2.5.** Address of main office.
  - 2.2.6.** Address of San Diego satellite office if applicable.
  - 2.2.7.** Contact information for firm, including name, title, email address and telephone number.
  - 2.2.8.** Number of employees in San Diego County.
  - 2.2.9.** Applicable License(s):
    - 2.2.9.1.** City of San Diego Business License Number, including expiration date.
    - 2.2.9.2.** State Contractor's License Number, including expiration date and all classifications.
    - 2.2.9.3.** Professional Engineering/Architect License Number, including expiration date.
  - 2.2.10.** Name, title, address and telephone number of person to contact concerning the SOQ.

**2.3. Exceptions to this RFQ (PASS/FAIL).** The Design-Builder shall certify that it takes no exceptions to this RFQ and its attachments by signing and submitting with its SOQ the Certification of Exceptions to the Request for Qualifications. If the Design-Builder does take exception to any portion of the RFQ, the specific portion of the RFQ to which exception is taken shall be submitted to the City in writing prior to the Pre-submittal Meeting. Although the “Exceptions to the RFQ” is an evaluation criterion, an exception may be determined by the City to be of such a material nature that such exception may cause the SOQ to be considered non-responsive.

**2.4. Executive Summary (5 Points Max)**

Include a one- to two-page overview of the entire SOQ describing the highlights of the SOQ. Failure to provide the executive summary may result in the SOQ being considered non-responsive and ineligible for further consideration.

**2.5. Experience and Technical Competence (25 Points Max)**

**2.5.1.** Describe Design-Builder’s experience in completing similar Design-Build efforts. List three (3) successfully completed projects within the past 5 years for both public and private clients of a similar nature with name of Owner’s Project Manager, phone numbers, project type, total value of completed construction and identify whether the work was for a public or private client. Projects currently in process may be submitted for consideration. Include in your client references projects and clients where the team has worked together.

**2.5.2.** Design-Builder shall include design and build experience with wastewater projects (treatment plants, pump stations, etc.); number or facilities designed and built pursuant to a Design-Build contract; record of timely completion. Number of Design-Build projects performed as compared to the number completed on schedule; experience and capability in operating, maintaining, and repairing pump station facilities; and, experience with retrofit work, specifically operating a pump station while simultaneously performing construction work with service interruption.

**2.6. Proposed Method to Accomplish the Work (20 Points Max)**

Describe in narrative form the Design-Builder’s technical and management approach to the design, construction, and start-up of the facilities. Discuss lines of communications necessary to maintain design schedule and construction schedules. This should not be a design concept, but rather a general discussion of how the team will execute the project.

**2.7. Knowledge and Understanding of Local “Environment” (10 Points Max)**

Describe experience working in the local “environment” and proposed local presence for interfacing with the City’s project management staff. The “environment” includes but is not limited to: City and other local agencies

regulations and policies; local environmental documentation requirements; geotechnical conditions in project area; local building codes; and other local design criteria and community issues.

**2.8. Project Organization and Key Personnel (10 Points Max)**

Describe proposed project organization and provide an organizational chart, including identification and responsibilities of key personnel. Indicate role and responsibilities of the Design-Builder. Indicate how local firms are being utilized to ensure a strong understanding of local laws, ordinances, regulations, policies, requirements, permitting, etc. Indicate extent of commitment of key personnel for duration of project and furnish resumes of key personnel. Provide indication of staffing level for the project. The City's evaluation of the Design-Builder will consider the entire team, therefore no changes in team composition will be allowed without prior written approval of the City. Describe Design-Builder's capacity to perform the work within the time limitations, considering and identifying Design-Builder's current and planned workload and Design-Builder's workforce.

**2.9. Equal Employment and Contracting Opportunity (25 Points Max)**

**2.9.1. Work Force Report**

**2.9.1.1.** The Design-Builder shall include in its SOQ either: (1) a completed Work Force Report (see Attachment 'D') for its employees located within San Diego County only; or (2) an Equal Employment Opportunity Plan (see Attachment 'D'), which shall comply with the EEO Plan Requirements which is included in Section 2.0. The selected firm may be required to submit workforce data for a regional office prior to contract award.

**2.9.2. Equal Opportunity Assurances**

**2.9.2.1** The Design-Builder shall include in its SOQs the following:

**2.9.2.1.1** Specific actions consistently taken to ensure equal opportunity in their employment and subcontracting practices, including past performance and actions to be taken on this project.

**2.9.2.1.2** Listing of Proposer's strategies to recruit, hire, train and promote a diverse workforce. These efforts will be considered in conjunction with Design-Builder's Workforce Report as compared to the County's Labor Force Availability.

**2.9.2.1.3** Listing of Design-Builder's current community activities such as membership and participation in local

organizations, associations, scholarship programs, mentoring, apprenticeships, internships, community projects, charitable contributions and similar endeavors.

### **2.9.3. Subcontractor Documentation**

**2.9.3.1** Documentation submitted in accordance with this section shall be included in an attachment, which shall be titled "Subcontractor Documentation" to the SOQ.

**2.9.3.2** Past Participation Levels - Listing of Design-Builder's Subcontractor (including constructors and design professionals) and Supplier past participation levels on each project listed in response to Section 5.0, Experience & Technical Competence of this RFQ. The Design-Builder shall use the Subcontractor Past Participation List (Constructors, Design Professionals, or Suppliers/Vendors) Form AA50, for this purpose (refer to Attachment 'D'). Include the name of project, type of project, value of project, Subcontractor, Designer, or Supplier/Vendor firm name, percentage of participation, and identification of the firm's ownership as a certified Minority Enterprise (MBE), Women Business Enterprise (WBE), Disadvantaged Business Enterprise (DBE), Disabled Veteran Business Enterprise (DVBE), or Other Business Enterprise (OBE) or Emerging Local Business Enterprise (ELBE) or Small Local Business Enterprise (SLBE). Design-Builder should demonstrate a consistent pattern of including certified MBE, WBE, DBE, DVBE, and OBE or ELBE and SLBE.

### **2.9.4. Non-Discrimination in Contracting**

**2.9.4.1** Upon the City's request, Design-Builder agrees to provide to the City, within 60 days, a truthful and complete list of the names of all Subcontractors and Suppliers that Design-Builder has used in the past 5 years on any of its contracts that were undertaken within San Diego County, including the total dollar amount paid by the Design-Builder for each subcontract or supply contract. The Design-Builder further agrees to fully cooperate in any investigation conducted by the City pursuant to the City's Nondiscrimination in Contracting Ordinance (Municipal Code Sections 22.3401 - 22.3417). The Design-Builder understands and agrees that violation of this clause shall be considered a material breach of the Contract and may result in remedies being ordered against the Design-Builder up to and including contract termination, debarment, and other sanctions for violation of the provisions of the Nondiscrimination in Contracting Ordinance. The Design-Builder further understands

and agrees that the procedures, remedies and sanctions provided for in the Nondiscrimination Ordinance apply only to violations of said Nondiscrimination Ordinance.

**2.9.5. Disclosure of Discrimination Complaints**

**2.9.5.1** A list of complaints filed or pending against Design-Builder or a written statement from the Design-Builder in accordance with the Section 2.4, "Nondiscrimination Ordinance."

**2.9.6. Failure of Submission**

**2.9.6.1** Failure to submit the required EOCP information will result in SOQ being determined as **non-responsive**.

**2.10. Change Order and Litigation History (5 Points Max)**

**2.10.1.** Change Order History: Provide a spreadsheet that outlines the projects the Design-Builder has completed over the last 3 years; the original contract value of the list projects; the quantity of change orders for each project; and, the percentage of total change order dollar amounts to original contract value for each project. Provide non-owner initiated change order activity as a percentage of the total change order activity. Provide any explanation of change order activity by project that Design-Builder deems appropriate.

**2.10.2.** Litigation History: Provide a sealed letter that lists all litigations (since your last pre-qualification clearance from the City) your firm or firms, if organized as a joint venture, was a party a concerning all of the following:

**2.10.2.1.** Civil or criminal violations of the Occupational Safety and Health Act against any member of the Contractor.

**2.10.2.2.** Civil or criminal violations of the Contractors' State License Law against any member of the Contractor.

**2.10.2.3.** Any conviction of any member of the Contractor of submitting a false or fraudulent claim to a public agency.

**2.10.2.4.** Civil or criminal violations of federal or state law governing the payment of wages, benefits, or personal income tax withholding, or of Federal Insurance Contributions Act (FICA) withholding requirements, state disability insurance withholding, or unemployment insurance payment requirements against any member of the Contractor. Only violations by a Contractor, as an employer shall be deemed applicable, unless it is shown that a member of the Contractor, in his or her capacity as an employer, had knowledge of a

subcontractor's violations or failed to comply with the conditions set forth in §1775(b) of the State Labor Code.

**2.10.2.5.** Civil or criminal violations of federal or state law against any member of the Contractor governing equal opportunity employment, contracting or subcontracting.

**2.10.2.6.** A description of all instances where a surety company finished the work of a member of the Contractor, or made payments to subcontractors or workers on behalf of a member of the Contractor.

**Total Points 100**

SOQs that do not contain the aforementioned components may not be considered.

## ATTACHMENT C

### CERTIFICATION OF EXCEPTIONS TO THE REQUEST FOR QUALIFICATIONS

**ATTACHMENT C**

**CERTIFICATION OF EXCEPTIONS TO THE REQUEST FOR QUALIFICATIONS  
MULTIPLE AWARD DESIGN-BUILD CONTRACTS (MACC) FOR WATER, WASTEWATER, AND  
STORMWATER PIPELINE PROJECTS**

The undersigned, a duly authorized representative of \_\_\_\_\_  
(Company Name)

hereby stipulates that \_\_\_\_\_ takes no exceptions to this  
(Company Name)

Request for Qualifications and its attachments as referenced in this RFQ.

\_\_\_\_\_  
Authorized Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
Authorized Representative's Title

\_\_\_\_\_  
Company

**OR**

The undersigned, a duly authorized representative of \_\_\_\_\_  
(Company Name)

hereby stipulates that \_\_\_\_\_ takes the following exceptions  
(Company Name)

to this Request for Qualifications and its attachments as referenced in this RFQ.

\_\_\_\_\_  
Authorized Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
Authorized Representative's Title

\_\_\_\_\_  
Company



**ATTACHMENT D**  
**FORMS**

**DESIGN-BUILDERS CERTIFICATION OF PENDING ACTIONS**

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against the Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

CHECK ONE BOX ONLY.

- The undersigned certifies that within the past 10 years the Bidder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers.
- The undersigned certifies that within the past 10 years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

DATE OF CLAIM	LOCATION	DESCRIPTION OF CLAIM	LITIGATION (Y/N)	STATUS	RESOLUTION/REMEDIAL ACTION TAKEN

Contractor Name: \_\_\_\_\_

Certified By \_\_\_\_\_ Title \_\_\_\_\_  
Name  
 \_\_\_\_\_ Date \_\_\_\_\_  
Signature

**USE ADDITIONAL FORMS AS NECESSARY**

## DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: \_\_\_\_\_

TYPE OF PROJECT: \_\_\_\_\_ DOLLAR VALUE OF PROJECT: \_\_\_\_\_

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>ⓐ</sup>	WHERE CERTIFIED <sup>ⓑ</sup>
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

ⓐ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

ⓑ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**



City of San Diego  
 EQUAL OPPORTUNITY CONTRACTING PROGRAM  
 1200 Third Avenue, Suite 200, San Diego, CA 92101  
 (619) 236-6000 FAX: (619) 235-5209

## WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report*.

### CONTRACTOR IDENTIFICATION

Type of Contractor:  Construction  Supplier  Financial Institution  Lessee/Lessor  
 Consultant  Grant Recipient  Insurance Company  Other

Name of Company: \_\_\_\_\_

AKA/DBA: \_\_\_\_\_

Address (Corporate Headquarters, where applicable): \_\_\_\_\_

City \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone Number: ( ) \_\_\_\_\_ FAX Number: ( ) \_\_\_\_\_

Name of Company CEO: \_\_\_\_\_

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: \_\_\_\_\_

City \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone Number: ( ) \_\_\_\_\_ FAX Number: ( ) \_\_\_\_\_

Type of Business: \_\_\_\_\_ Type of License: \_\_\_\_\_

The Company has appointed: \_\_\_\_\_

as its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate, and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: \_\_\_\_\_

Telephone Number: ( ) \_\_\_\_\_ FAX Number: ( ) \_\_\_\_\_

For Firms:  San Diego Work Force and/or  Managing Office Work Force

I, the undersigned representative of

\_\_\_\_\_  
 (Firm Name)

\_\_\_\_\_, \_\_\_\_\_ hereby certify that information provided  
 (County) (State)

herein is true and correct. This document was executed on this day of \_\_\_\_\_,

200\_\_\_\_\_.

\_\_\_\_\_  
 (Authorized Signature) (Print Authorized Signature Name)

**WORK FORCE REPORT - Page 2**

NAME OF FIRM: \_\_\_\_\_ DATE: \_\_\_\_\_

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Executive, Administrative, Managerial														
Professional Specialty														
Engineers/Architects														
Technicians and Related Support														
Sales														
Administrative Support/Clerical														
Services														
Precision Production, Craft and Repair														
Machine Operators, Assemblers, Inspectors														
Transportation and Material Moving														
Handlers, Equipment Cleaners, Helpers and Non-construction Laborers*														

\*Construction laborers and other field employees are not to be included on this page

TOTALS EACH COLUMN														
--------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

GRAND TOTAL ALL EMPLOYEES														
---------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NON-PROFIT ORGANIZATIONS ONLY:

BOARD OF DIRECTORS														
VOLUNTEERS														
ARTISTS														

NAME OF FIRM: \_\_\_\_\_ DATE: \_\_\_\_\_

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Carpenter														
Drywall Installer														
Electrician														
Elevator Installers														
Finishers, Concrete or Terrazzo														
Glaziers														
Helpers, Construction Trade														
Ironworkers, Structural Metal Workers														
Laborers														
Millwrights														
Masons, Bricklayers														
Tilesetters														
Operators														
Painters														
Pipefitter, Plumbers														
Plasterers														
Roofers														
Security, Protective Services														
Sheet Metal, Duct Installers														
Welders, Cutters														
TOTALS EACH COLUMN														
GRAND TOTAL ALL EMPLOYEES														

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

# City of San Diego

CITY CONTACT: Michelle Muñoz - Contract Specialist, Email: [MichelleM@sandiego.gov](mailto:MichelleM@sandiego.gov)

Phone No. (619) 533-3482, Fax No. (619) 533-3633

## ADDENDUM "1" REQUEST FOR QUALIFICATIONS DOCUMENTS (Step 1 of 2)



**e - Bidding** FOR

### MULTIPLE AWARD DESIGN-BUILD CONTRACTS (MACC) FOR WATER, WASTEWATER, AND STORMWATER PIPELINE PROJECTS

RFQ NO.:	K-17-1518-MAC-3
SAP NO. (WBS/IO/CC):	11000314
CLIENT DEPARTMENT:	2000, 2116
COUNCIL DISTRICT:	CITYWIDE
PROJECT TYPE:	JA, JB, JC, KA, KB, CA, CB

#### **STATEMENTS OF QUALIFICATIONS (SOQs) DUE:**

**12:00 NOON  
MARCH 21, 2017  
CITY OF SAN DIEGO  
PUBLIC WORKS CONTRACTS  
1010 SECOND AVENUE, 14<sup>th</sup> FLOOR, MS 614C  
SAN DIEGO, CA 92101  
ATTN: CONTRACT SPECIALIST**

## **A. CHANGES TO CONTRACT DOCUMENTS**

The following changes to the Contract Documents are hereby made effective as though originally issued with the RFQ. The Design-Builders are reminded that all previous requirements to this solicitation remain in full force and effect.

## **B. BIDDER'S QUESTIONS**

- Q1. Can the Design-Builder applicant consist of the General Contractor and their Engineer of choice as a subcontractor?
- A1. The General Contractor and a Design Contractor apply as one team. Refer to §22.3302 of the San Diego Municipal Code for defining a Design-Build Team.
- Q2. Attachment B, Item 2.5.2 states the Design-Builder shall include design and build experience with wastewater projects (treatment plants, pump stations, etc.). This does not seem to correspond with the RFQ's Summary of Work, which states that the City is seeking Design-Build services for projects to include the design and construction, alteration, and repair to the City's water, wastewater and storm water pipeline for various facilities in the City. Please clarify?
- A2. It is correct that the SOQ is specific for design and construction of water, wastewater and storm water pipeline; however it is necessary for Design-Build teams to have experience in treatment plants, pump stations, etc., since they can be an integral part of the overall design of the water, wastewater and storm water pipelines.
- Q3. In the Project Background, Scope of Work and Past MACC Task Order descriptions, the scope is generally illustrated as "design and construction, alteration, and repair to the City's water, wastewater and storm water pipeline". In Section 2.5, Subsection 2.5.2, the experience requirement seems to be centered on work related to "Treatment plants, pump stations etc." Please clarify the intent of the project – primarily pipeline or treatment facilities or both?



- A3. It is correct that the SOQ is specific for “design and construction, alteration, and repair to the City’s water, wastewater and storm water pipeline”; however it is necessary for Design-Build teams to have experience in treatment plants, pump stations, etc., since they can be an integral part of the overall design of the water, wastewater and storm water pipelines.
- Q4. Subsection 2.9.1.1., language states the responder should include either a “(1) a completed Work Force Report (see Attachment ‘D’) for its employees located within San Diego County only; or (2) an Equal Employment Opportunity Plan (see Attachment ‘D’)”. Please clarify that these options are in addition to subsections 2.9.2. – 2.9.6.B?
- A4. Correct. Section 2.9.1.1 is in addition to subsections 2.9.2 – 2.9.6.
- Q5. Section 2.9 assigns 25 possible points to include “(1) a completed Work Force Report (see Attachment ‘D’) for its employees located within San Diego County only; or (2) an Equal Employment Opportunity Plan (see Attachment ‘D’)”. Please advise on how these reports are scored as part of this section.
- A5. Section 2.9.1 is not assigned any points of the 25 points possible, this is a Pass/Fail requirement. Points under Section 2.9 are assigned based on information provided by the Design-Builder for sections 2.9.2 and 2.9.3.
- Q6. Can you tell me if the Geotechnical Engineering for the DB MACC for Water, Wastewater, and Storm water Pipeline Projects will be hired for as a part of the design build team, or if it will come out as a separate RFP from the City?
- A6. The Design-Builder applicant will decide on the necessary engineering disciplines for their team. Once the MACC firms have been selected, then they will participate in the RFP for each MACC Task Order.

- Q7. Section 1.6 indicates that 1.6.8 Financial Information and Arrangements must be contained in the SOQs submitted in response to this RFQ. However, there is no elaboration regarding what should be contained in the Financial Information and Arrangements section on any subsequent or preceding pages. Can you elaborate?
- A7. Each applicant will decide what should be contained in their submittal for this the portion of Financial Information and Arrangements.

James Nagelvoort, Director  
Public Works Department

Dated: *March 16, 2017*  
San Diego, California

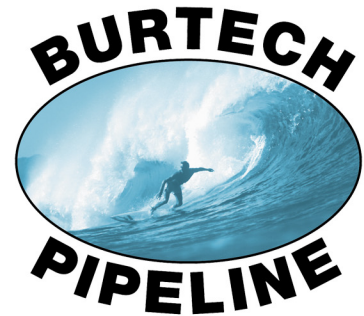
JN/AR/Lad



# Multiple Award Design-Build Contracts (MACC) for Water, Wastewater, and Stormwater Pipeline Projects



City of San Diego  
March 21, 2017



# Addenda/Identification of Design-Builder/Exceptions

## Addenda

The Design-Build Team, Burtech Pipeline/IEC (BP/IEC) acknowledges receipt of Addenda No. 1 dated March 16, 2017.

## Identification of Design-Builder

<b>Legal Name/Address</b>	Burtech Pipeline Incorporated 102 Second St. Encinitas, CA 92024
<b>Form of Company</b>	California Corporation
<b>Year Established</b>	Established in 1995
<b>Parent Company</b>	N/A
<b>Address of Main Office</b>	102 Second St. Encinitas, CA 92024
<b>Firm Contact</b>	Dominic Burtech <i>President &amp; CEO</i> pipemaster7@cox.net 760-634-2822
<b>Employees in San Diego</b>	100 Employees
<b>Applicable Licenses</b>	City of San Diego Business License: No. B1996002066 exp. 1/31/18
	Contractors License: CA License: 718202 exp. 1/31/18
	Engineering License: No. C68339 (Aric Gnesa) exp. 9/30/2017
<b>SOQ Contact</b>	Buddy Aquino <i>Chief Estimator</i> 102 Second St., Encinitas, CA 92024 buddy@burtechpipeline.com 760-634-2822

## Exceptions to this RFQ/Prequalification/Pre-Submittal Meeting

**ATTACHMENT C**

**CERTIFICATION OF EXCEPTIONS TO THE REQUEST FOR QUALIFICATIONS**

**MULTIPLE AWARD DESIGN-BUILD CONTRACTS (MACC) FOR WATER, WASTEWATER, AND STORMWATER PIPELINE PROJECTS**

The undersigned, a duly authorized representative of Burtech Pipeline, Inc.  
(Company Name)

hereby stipulates that Burtech Pipeline, Inc. takes no exceptions to this Request for Qualifications and its attachments as referenced in this RFQ.

\_\_\_\_\_  
Authorized Representative  
President / CEO  
Authorized Representative's Title  
Burtech Pipeline, Inc.  
Company

\_\_\_\_\_  
3/21/17  
Date

**OR**

The undersigned, a duly authorized representative of \_\_\_\_\_  
(Company Name)

hereby stipulates that \_\_\_\_\_ takes the following exceptions to this Request for Qualifications and its attachments as referenced in this RFQ.

\_\_\_\_\_  
Authorized Representative  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Authorized Representative's Title  
\_\_\_\_\_  
Company

24 | Page

MACC Request for Qualifications (Rev. Nov. 2016)  
Attachment C - Certification of Exceptions to the Request for Qualifications  
Multiple Award Design-Build Contracts (MACC) For Water, Wastewater, and Stormwater Pipeline Projects

  
The City of San Diego

March 30, 2016  
Vendor Account Number: 289090  
Buddy Aquino  
Burtech Pipeline Incorporated  
102 Second Street  
Encinitas, CA 92024

We have reviewed and evaluated your questionnaire and are pleased to inform you that Burtech Pipeline Incorporated, under license number 718202, is prequalified for a maximum bidding capacity of \$50,000,000 per project.

Effective the date of this letter, you are eligible to bid on City of San Diego public works projects valued at up to \$50,000,000.00, excluding those that are administered by the Small Local Business Enterprise Program (unless you meet the program requirements). Your prequalification is valid until 03/31/2018. After that date, you will not be allowed to bid on City of San Diego public works projects until your prequalification is renewed.

You have five (5) working days from the date of this letter to contact me should you have any questions concerning your designated status. I can be reached at (619) 533-3474 or email [DSStucky@sanidiego.gov](mailto:DSStucky@sanidiego.gov).

We appreciate your interest in applying for prequalification and look forward to your participation on future projects.

Sincerely,  
  
David Stucky  
Contractor Prequalification Program

**Contracts Division • Public Works Department**  
800-Sand Ave, Suite 102 • San Diego, CA 92161-4000  
Tel: (619) 533-3400 Fax: (619) 533-3415

http://www.planetbids.com/DCLetter/CityofSDPQ\_Approval.cfm?CompanyID=17950&V... 3/30/2016

**SAN DIEGO** PUBLIC WORKS CONTRACTS PRE-QUALIFICATION REPORT Page 7 of 7

Company Name	License No.	License Type	Expiration Date	Prequalified
Burtech Pipeline, Inc.	718202	Contractors License	1/31/18	Yes
Artec Gnesa	C68339	Engineering License	9/30/2017	Yes

**SAN DIEGO** PUBLIC WORKS CONTRACTS PRE-QUALIFICATION REPORT Page 7 of 7

Company Name	License No.	License Type	Expiration Date	Prequalified
Burtech Pipeline, Inc.	718202	Contractors License	1/31/18	Yes
Artec Gnesa	C68339	Engineering License	9/30/2017	Yes



# Executive Summary

---

## Experience and Technical Competence

Burtech Pipeline is a well-recognized local construction firm that has constructed hundreds of miles of water, sewer, and stormwater pipelines with, many projects having been performed for the City of San Diego. Design team member Infrastructure Engineering Corporation (IEC) has been designing pipeline projects in San Diego for over 15 years. We are extremely proud to partner together to bring the City a highly capable and can do team of professionals that is in place and ready to execute task orders under the City's Multiple Award Construction Contracts (MACC) program.

## Proposed Method to Accomplish Work

The Burtech & Infrastructure Engineering Corporation (BP/IEC) D-B Team will leverage their substantial past experience and apply a proven, comprehensive approach to successfully complete the water, sewer and stormwater projects that are expected under the MACC program. The successful elements of our approach include three main components:

- Team - Assigning the right staff, including personnel that have been on both sides of the design build process, and selecting the best subconsultants, subcontractors, and suppliers will provide a "well-oiled machine" that works seamlessly and provides practical solutions to the challenges presented by each project.
- Project Understanding - Thoroughly understanding the City's processes, standards, goals, and requirements along with careful up-front planning and site-specific research will avoid project surprises along the way and save the City money.
- Project Execution - Using proactive project management and proven techniques to execute the work will make the projects go smoothly for City staff and minimize disruption to residents and businesses.

## Knowledge of Local Environment

The "local environment" associated with a pipeline project in San Diego encompasses several facets of knowledge and understanding such as the site-specific subsurface conditions, the City departments that operate and support the facility, the regulatory agencies and permit processes, the surrounding neighborhoods and communities, and the regional and national technical guidelines and standards. The BP/IEC Team brings knowledge and understanding of the project that go beyond our team's individual past experience and successful projects. Through permit processing experience, a highly knowledgeable management team, participation in local community organizations, continuing education, and leadership in professional organizations, we stay current with the ever changing environment.

## Project Organization and Key Personnel

The team members bring directly applicable design and construction experience from successfully completed pipeline projects, including D-B work, work on City of San Diego projects, and work for other San Diego area agencies. Our Project Manager Jose Rolon brings 15 years of local pipeline experience including many City of San Diego projects. Mr. Rolon will be supported by a full team of highly experienced design and construction professionals that specialize in pipeline projects that can handle multiple, simultaneous task orders. Specific to each Task Order we receive, we will assign team of dedicated support staff, specialty subconsultants, subcontractors, and suppliers needed for the project, all the while maximizing the use of SLBE/ELBE firms.

# Executive Summary/Experience and Technical Competence

## Equal Employment and Contracting Opportunity

Both Burtech and IEC share the City's commitment to equal opportunity for employees and subcontractors of our respective firms. The vision of each of our firms is to build and grow a firm recognized by our employees for our growth and opportunities, and by our communities for our participation and contribution. Our mission is to serve the community as members of the community, driven by our most valuable assets – our employees. Burtech embraces equal opportunity in its hiring practices and diligently seeks to engage SLBE/ELBE subcontractors and suppliers. IEC has a long and proven history of promoting diversity in the work force and subcontracting with SLBE/ELBE firms. Through this commitment and our proven outreach efforts, we are highly confident that we will exceed the City's SLBE/ELBE contracting goals for each Task Order.

## EXPERIENCE AND TECHNICAL COMPETENCE

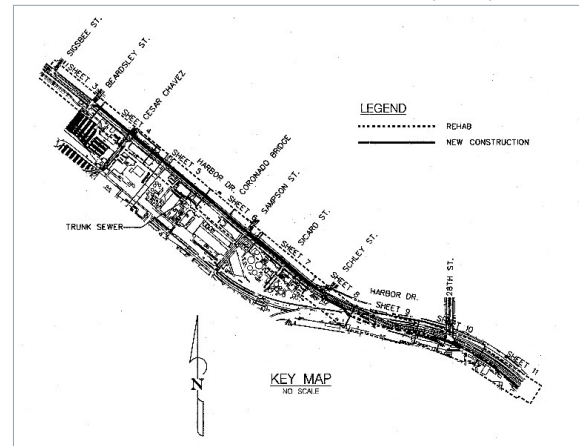
### Harbor Drive Trunk Sewer

*City of San Diego (public)*

Bijan Shakiba 619-533-5191

Contract Value: \$8,814,751.07

The work involved furnishing all labor, materials, equipment, services, and construction for the installation of approximately 4,231 lineal feet of 48" PLRCP Trunk Sewer Main along the East-bound lanes of Harbor Drive from Beardsley Street to 28th Street. Street sewer crossing connections included 21", 18", 15", 12", 10", and 8" sewer mains with PVC T-Locked Manholes. Additional 427 lineal feet of 48" PLRCP were installed inside a 66" diameter steel casing via Jack & Bore operations in two locations to avoid existing utilities and crossed under the railroad tracks. A dual 30" HDPE (SDR-9) Siphon Pipe was installed using Horizontal Directional Drilling running 232 lineal feet under the 28th Street Intersection. Abandonment of existing 39" trunk sewer, two 42" siphons, two 36" siphons, 21", 18", 15", 12", 10", 8", and 6" sewer mains were also included as well as the trenchless rehabilitation of 1,550 lineal feet of existing 48" trunk sewer. In addition, this project included a series of dewatering wells and treatment tanks to draw ground water table to workable limits. A section of the 12" CML&C (Steel) water main for WG 525B from Sta. Sta. 7+96 to 9+75 was made part of this project as well in coordination with City and other contractors. A detailed, well-planned and executed sewer bypass system was set-up to handle approximately 13.96 MGD of raw sewage throughout the duration of the project without any spills.



### Harbor Drive Pipelines Replacement

*City of San Diego (public)*

John Stohr 619-533-6626

Contract Value: \$10,712,161.80

The Harbor Drive Pipelines are located in the Midway/North Bay and Peninsula Communities Planning Areas of City Council District 2. Project pipelines serve the western most part of University Heights and the northern section of east Point Loma pressure zones; and they provide backup service (redundancy) to one another. The project replaces two sixteen-inch diameter water mains installed in the 1940's and 1950's with new sixteen-inch polyvinyl chloride (PVC) water mains. It replaces 4.4 miles of cast iron pipelines that have reached the end of their useful life. The

## Experience and Technical Competence

project excludes segments of pipeline replaced by earlier City Public Utilities Department projects. The new PVC water mains will be installed using open trench construction methods in public streets and roadways. To avoid service interruptions and minimize traffic impacts, the project will coordinate with Cabrillo Elementary School, Dana Middle School, Point Loma High School, High Tech High School, San Diego International Airport, the U.S. Coast Guard, and the San Diego Port District.



The Harbor Drive Pipelines Replacement Project will improve water service, meet EPA requirements to protect water quality, reduce the likelihood of future water main breaks and reduce future maintenance needs altogether.

**Batiquitos (B1/B2) Force Main Replacement**  
**Leucadia Wastewater District (public)**  
Robin Morishita 760-753-0155

Contract Value: \$4,686,123.45

Burtech Pipeline furnished all labor, materials, equipment, tools, transportation, services, appliances, and appurtenances for the Batiquitos Force Main Replacement Project. This project included the installation of approximately 8,530 linear feet of 14-inch secondary effluent force main and approximately 8,530 linear feet of 24-inch sewer force main in a joint trench to replace existing mains. Installation of approximately 383 linear feet of Cured-in-Place Pipe in an existing 21-inch gravity sewer main, installation of a 5-foot discharge manhole; installation of isolation valves, installation of four air vacuum air release valves and four blow off valves in new 4-foot manholes. Project included additional trucked bypass in order to line the 21-inch gravity sewer main. Project included all saw cutting, dewatering, potholing of existing utilities, Storm Water Pollution Prevention Plan creation and implementation, environmental provisions (Mitigation, Monitoring and Reporting Plan – MMRP) implementation, abandonment and/or removal of existing 14-inch and 24-inch mains, removal and replacement of roadway surfaces, including saw cutting and removal of concrete roadway surfaces up to two feet thick, trenching, shoring, dewatering, pipe, bedding, compaction, backfill, off-site disposal of all construction waste pursuant to applicable law, performing all connections between new pipelines and the existing system; completing all trench resurfacing and site restoration; removing the existing sewer facilities as shown on the plans; installing corrosion protection; obtaining all required permits; and completing all traffic control and other work as necessary to comply with all regulatory, jurisdictional, and permitting requirements and to restore disturbed areas and surface improvements back to original conditions and all miscellaneous work as shown.

**Working together, IEC  
(designer) and Burtech  
Pipeline (contractor)  
successfully completed  
this project for the  
District.**

## South Oceanside Waterline Replacement

City of Oceanside (public)

Greg Keppler 760-435-5913

Contract Value: \$4,575,805.94

The South Oceanside Waterline Replacement project includes all labor, products, equipment, material, transportation, and incidental services to construct approximately 5,887 linear feet of 8-inch PVC sewer pipeline replacement, 7,376 linear feet of 8-inch C-900 PVC waterline pipeline replacement, pipe fittings, and appurtenances, replacement and rehabilitation of existing manholes, sewer bypassing, subsurface utility location including potholing and CCTV, excavation, shoring, dewatering, bedding, backfill, paving, replacement of pavement striping and markings, resurfacing and landscaping, hauling, off-site legal disposal, erosion control, fire hydrant replacement, fire hydrant installation,



water service relocation including removing old meter boxes and setting new meter boxes, service line, and plumbing of service connections on private property, traffic control and all other work indicated on the construction drawings and as specified herein and as necessary to complete the project in its entirety.

**Working together, IEC (designer) and Burtech Pipeline (contractor) successfully completed this project for the City.**

### Additional Experience

Project/Contact Information	Description
<p><b>Terramar Sewer Lift Station and Force Main Replacement</b> (Burtech)</p> <p>City of Carlsbad Jack Risley 760-602-4648 Jack.risley@carlsbadca.gov</p>	<p>This project included the construction of a new Terramar Sewer Lift Station and Force Main, located at Cannon Rd and El Arbol Drive, along with the demolition and abandonment of existing facilities, including but not limited to installation of 6" PVC Force Main; CIPP Lining; New Gravity Sewer; Manholes; installation of Lift Station Wetwell and Valve Vault. Burtech Pipeline substantially completed the project 86 Days ahead of the allotted 260 Working Days for the project, with approximately \$32,000 in owner initiated change orders.</p>
<p><b>Santa Margarita Conjunctive Use Project Facilities</b> (IEC)</p> <p>Fallbrook Public Utility District Jack Bebee 760.728.1125 x1105 <a href="mailto:jackb@fpud.com">jackb@fpud.com</a></p>	<p>The treatment train included 8 mgd of iron and manganese utilizing greensand media within six 12' diameter and 30' long pressure vessels. A side stream treated with RO membranes was remixed to create a product water to match the water quality of FPUD's imported water. The product water was pumped directly in the distribution systems. Distribution system improvements included two miles of 24-inch CML&amp;C steel pipe, a remote 8 mgd pump station and 4 MG steel water storage tank. Project services included: 1.) distribution system modeling, 2.) establishment of water quality goals, 3.) evaluation of potential process treatment trains and configurations, 4.) preliminary design, 5.) final design, 6.) design service during construction phases, 7.) public outreach, and 8.) permitting assistance.</p>



## Proposed Method

Project/Contact Information	Description
<p><b>Emergency Diesel Generator Package 2A Project (IEC)</b></p> <p>City of San Jose, San Jose/Santa Clara Regional Wastewater Facility Pete Anderson 408.970.9900 pea@andpac.com</p>	<p>A Design/Build project delivery for the addition of an emergency power facility for the San Jose/Santa Clara Regional Wastewater Facility, including installation of four EPA Tier 4i, 3-Megawatt, 4.16 kV diesel generators with supporting fuel storage and delivery systems and emission equipment, and appurtenances. This emergency power facility is sized to provide backup power for the Regional Wastewater Facility's critical and secondary plant loads for up to 48-hours without refueling, and will readily accommodate future expansion.</p>
<p><b>Digester Gas Compressor Upgrade Design-Build Project (IEC)</b></p> <p>City of San Jose, San Jose/Santa Clara Regional Wastewater Facility Pete Anderson 408.970.9900 pea@andpac.com</p>	<p>A Design/Build project delivery for the addition of a new digester gas compressor facility for the San Jose/Santa Clara Regional Wastewater Facility. This project includes design of a new concrete structure for two 2,000 standard cubic feet per minute (scfm) gas compressors and electrical support equipment, connections to the existing digester gas system, and an outdoor equipment pad for the associated hydronic support equipment. The gas compressors are capable of simultaneous operation to provide a total of 4,000 scfm capacity.</p>
<p><b>San Elijo Hills Pump Station (IEC)</b></p> <p>Vallecitos Water District James Gumpel, PE 760.744.0460 jgumpel@vwd.org</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;"><b>AWARD WINNER!</b> ACEC CA Engineering Excellence Merit Award, 2015</p> </div>	<p>The SEHPS is a 2,700 gpm, 250 hp potable water pumping facility that moves water from the Olivenhain Municipal Water District (OMWD) 823 pressure zone to the Vallecitos Water District (VWD) 877 pressure zone. OMWD produces potable water at the David C. McCollom Water Treatment Plant (DCMWTP) and 6,000 acre feet per year (afy) of potable water is scheduled to become unutilized in March 2014. By constructing the SEHPS, VWD will be able to purchase all or a portion of that water to add redundancy and reliability to their southern service area, and reduce their reliance on treated water provided by the San Diego County Water Authority.</p>
<p><b>Batiquitos Pump Station Preliminary &amp; Final Design (IEC)</b></p> <p>Leucadia Wastewater District Robin Morishita 760.753.0155 x3007 rmorishita@lwwd.org</p>	<p>Provided preliminary and final design services to the Leucadia Wastewater District for their Batiquitos Pump Station located along Highway 101 in Carlsbad and adjacent to the Batiquitos Lagoon. IEC provided the following services; performed wet well inspection; developed repair recommendations (in process); evaluated bypassing design and implementation alternatives and constraints; recommendations for new pumps, valve vault, and wet well access stair; and performed final design document preparation.</p>

### PROPOSED METHOD TO ACCOMPLISH THE WORK

The Burtech Pipeline/Infrastructure Engineering Corporation (BP/IEC) D-B Team will apply a proven, comprehensive, and thorough approach to successfully complete the various types of water, wastewater, and stormwater pipeline projects that are expected under the City of San Diego's MACC program. The successful elements of our approach are based on three main components:

- Team - Assigning the right staff and selecting the best subconsultants/subcontractors and suppliers will provide a team that works seamlessly and finds practical solutions to the challenges presented by each project.

- **Project Understanding** - Thoroughly understanding the City's project goals and requirements, along with careful up-front planning and site-specific research, will avoid project surprises along the way and save the City money.
- **Project Execution** - Using proactive project management and proven design and construction techniques to execute the work will make the projects go smoothly for City staff and minimize disruption to City residents and businesses.

The successful application of this approach is demonstrated in the preceding Experience and Technical Competence section in which we highlight several projects where the BP/IEC team members have collaborated over the past 5 years. The extensive design-build and pipeline experience of our key team members is highlighted in the subsequent Project Organization and Key Personnel section. In the remainder of this section, we describe the details of how we achieve a thorough project understanding and smooth project execution. We also present a description of other project factors associated with underground construction and how the BP/IEC Team will address them successfully.

Although we do not have specific information on all the projects to be executed under the MACC program, we understand that the projects may include rehabilitation, repair and/or replacement of water, sewer and stormwater pipelines including appurtenances such as fire hydrants, valves, manholes, cleanouts, headwalls, flood channel improvements and catch basins. We also understand that some projects may involve interfacing with the operation of a pump station or lift station connected to the pipeline. Based on these types of projects, we also describe how we will address a range of special technical issues that are likely to be part of one or more Task Order.

### Management Approach

Our general project management approach is as follows:

- **Subconsultant /Subcontractor/Supplier Teaming**  
Once the BP/IEC Team is short-listed by the City, we will initiate a process of notifying the SLBE/ELBE firms and other firms that we are likely to utilize on future Task Orders and asking them for their interest on future City pipeline work. We will have a pool of candidate specialty subconsultants, subcontractors and suppliers that we can contact in short order, and they will have the opportunity to develop closer contact with us and be ready to respond when Task Order RFPs arrive.
- **RFP Response**  
After receiving a request from the City for a Task Order proposal, the BP/IEC Team will review the project description and prepare a detailed proposal including a scope of work and fee proposal. Our senior management team comprised of the Project Manager, Design Manager, Construction Manager, and QA/QC Manager will oversee the separate Task Orders. Specific to each Task Order, we will assign a dedicated Design Task Leader, a Construction Task Superintendent, and associated support staff appropriate to the requirements of the project. As such, we can readily accommodate multiple simultaneous Task Orders. As part of this process, we will also fill out our team roster for each Task Order with the specialty subconsultants, subcontractors and suppliers needed for the project, utilizing SLBE/ELBE firms where possible and appropriate.
- **Project Initiation**  
When selected for a Task Order, the BP/IEC Team will move forward immediately to begin execution of the project. This will begin with refinement of the project scope based on any

new information provided by the City, completion of the necessary contracting documents with the City, finalizing contractual relationships with our respective subconsultants, subcontractors and suppliers, and beginning the project scheduling process.

- **Management Plan and Schedule**

A project-specific Management Plan and detailed Construction Schedule using Primavera (cost loaded, if requested for the specific project) will be prepared in order to organize the administration of the project and coordinate the project with the City. The Plan will include a description of our internal lines of communication and the proposed lines of communication with the City staff. The Plan will also outline our design strategies, key milestones, permit acquisition activities, construction activities, start-up activities (if applicable), and the integration of other project disciplines such as City provided environmental and public relations services. The Plan will follow pertinent City guidelines and incorporate many of the guidelines and standards of the Design Build Institute of America (DBIA) and other recognized standards.

- **Project Kick-Off Meeting & Lines of Communication**

The Kick-off Meeting will include the lead team members, key subconsultants and subcontractors. We will meet with the City staff to review the overall project, budget and schedule and discuss any sensitive or critical project elements that deserve special attention. An important goal of this meeting is to confirm the lines of communications with the City for the project and lay the foundation for a partnered City-BP/IEC approach to the project.

- **Project Management**

The goal of the BP/IEC Team is to work proactively to identify and discuss issues and concerns so that the necessary resources and efforts can be applied ahead of time and in close coordination with City staff. Our on-going project management efforts include:

- 1) Regular construction coordination meetings with City staff, and additional coordination with City staff as-needed to confirm and validate the project scope, assumptions and decisions
- 2) Preparation of agendas and minutes for all meetings
- 3) Tracking and monitoring of project budget and schedule, including preparation of project status reports
- 4) Weekly internal BP/IEC Team coordination meetings
- 5) Coordination and management of subconsultants and subcontractors
- 6) Preparation of clear, timely invoices in the format desired by the City
- 7) Active implementation of the quality management program
- 8) Clear assignments to each team member with appropriate schedule for completion

- **Progress Reviews**

At appropriate levels during each project, progress submittals will be provided for City review and comment. The frequency and level of these reviews will be dependent upon the complexity of the project, and agreed to as a part of the initial project scoping. Typically, 50%, 90%, 100% and final submittals are included, but for some projects more frequent submittals may be appropriate. For a project with special requirements, we may suggest working more closely with the City to expedite the review process; for example, using over-the-shoulder reviews for a project with an accelerated construction schedule.

- **Start-Up and Close-Out**

When the project is ready to be turned over to the City, we will work closely with City staff to make sure the project has been completed to the City's requirements and satisfaction,

and that it is ready for start-up. Following successful start-up, we will work with the City to quickly complete any final steps and process final close-out of the project.

### Technical Approach

Our general technical approach is described below in terms of the major phases of a project: (I) Proposal Development, (II) Design/Procurement, (III), Construction, and (IV) Start-up and Testing.

#### **Phase I - Proposal Development**

In preparing a proposal for a specific Task Order, BP/IEC will take several important steps:

- Study the project description, City planning package, and any additional information provided by the City,
- Identify issues/questions,
- Make preliminary evaluations of major project elements,
- Coordinate with City Operations Staff to understand their needs,
- Consider creative design and construction solutions that can benefit the City in terms of lower cost and/or reduced impacts (such as using trenchless construction to avoid disrupting a major street intersection), and,
- Evaluate and include the need for temporary facilities, such as highlining and sewer by-passing equipment, to maintain system operations.

This level of effort will enable the development of a well-structured Task Order proposal that includes a detailed description of the approaches and assumptions we are utilizing.

#### **Phase II - Design/Procurement**

Upon receipt of the NTP, the first step in this phase is to perform the necessary field investigations and compile the detailed information required to confirm the preliminary design, or provide a basis for design modifications. This phase will address design issues to keep construction on schedule. A major focus of the design phase will be performing the utility research to ensure the horizontal and vertical alignments are feasible from the hydraulic, cost, and constructability standpoints. These issues will be discussed at regularly scheduled progress meetings with City, Design/Construction staff. The QA/QC staff will also have a substantial role during this phase to review the plans and offer fatal flaw and value engineering commentary. The goal for any project at the end of this phase will be to have a smooth transition into construction and full confidence that the utility crossings, permits, and identification of any other key construction issues have been successfully addressed. Review of design documents by the construction team as they evolve is a highly valuable means of enhancing the design and smoothing the construction process. In order to achieve this, the Burtech construction team and will work hand in hand with the IEC design team during this phase.

The biggest project challenge for any underground project is typically utility research. Confidence in the location of the existing utilities is accomplished by strictly adhering to IEC's long established utility research procedure. We routinely employ a time-tested, methodical, and detailed utility research and plotting procedure that provides for a high level of confidence with respect to the locations of subsurface utilities. The procedure is generally outlined as follows:

- Upon authorization by the City, we will immediately contact USA Dig-Alert to obtain a pre-planning request which provides a listing of existing utility agencies in the project areas. This process is performed via the internet for speed and efficiency.

- Establish one point of contact within our organization that will serve as “Project Utility Coordinator.” This individual will be responsible for tracking and documenting utility requests and responses throughout the project.
- From the pre-planning list provided by USA Dig-Alert, we will contact utility agencies in or around the proposed work area to establish contact information and lines of communication.
- Each utility agency is mailed via Certified Mail-Return Receipt Requested a “Utility Notice of Planned Improvements” to formally request their system maps and record drawings. This first request is general in nature and will include a preliminary alignment and facility location.
- Upon receipt of utility information, the Project Utility Coordinator will review it for responsiveness to our request and completeness. Follow up phone calls or in person visits to agencies will be performed as necessary.
- Utilities are plotted, followed by proposed horizontal and vertical alignments (depending on submittal milestone). Each agency within the pre-planning request area is then sent a set of plans for conflict check at each submittal milestone. Comments are incorporated as necessary.
- If deemed necessary, potholing will be performed to obtain actual field data for key utility crossings or parallel utilities of interest.
- The process is documented and tracked at each step to ensure accuracy. Agencies are sent plans at each milestone regardless of whether or not there are conflicts, or conflicts have been resolved, due to potential changes in alignment, existing utilities, or agency review personnel.

The comprehensive utility research procedure described above will be followed for the final selected alignment. IEC has designed many miles of pipeline for the City of San Diego using the above utility research procedures and has an excellent track record of avoiding conflicts with existing utilities. The next step will be to develop a potholing plan to refine the utility research and target locations of potential conflict. By implementing the potholing during both the design phase (at critical locations such as major connections), and during construction (at crossing utilities out ahead of the pipe installation), surprises and delays can be avoided.

Since the design and construction teams will be working closely together—under the direction of the overall Project Manager—the project pipeline materials will be able to be ordered during the 90% design review phase so that once all of the environmental documentation is certified and the final traffic control plans are approved, the construction will be able to begin right away.

The BP/IEC team will also work closely with the City’s environmental staff to incorporate identified mitigation measures mandated by the environmental documentation. The use of various techniques, including trenchless construction technologies, will be considered where open trench construction may severely impact traffic or sensitive habitat areas. The project may also require other mitigation measures, such as noise barriers for construction during certain times of the year due to the sensitive adjacent habitat.

During this phase of work, we will also be preparing the necessary SWPPP plans and documents for compliance with State Construction General Permit (Order 2009-0009-DWQ) for Stormwater. Our team includes staff that have the Qualified SWPPP Developer (QSD) Training certification.

The IEC design staff has performed numerous City of San Diego projects and understands the importance of strictly adhering to the City CADD standards. This will enable the City to smoothly incorporate the new record drawings into the City's Geographic Information System.

### **Phase III - Construction**

Where appropriate, the initial stages of construction may occur concurrently with the design phase tasks. As the design elements have been approved (e.g. type and class of pipe), materials will be acquired, delivered and made ready on site for installation. Once the design has been finalized and approved, the underground work will proceed.

As construction proceeds, the construction team will manage the work and will draw upon the expertise of the design team for issues that may arise. The project schedule will track critical path activities, link all sub disciplines and include the schedules for the outside resource/permitting entities. This will allow for proactive management of all tasks so they stay on track. If there is a schedule slip, our initial focus will be to adjust/accelerate other project elements to keep the overall project on schedule. If this is not possible or practical, we will coordinate with the City to discuss options for addressing a schedule change. Should an issue arise that constitutes a material change to the project, the team will notify the City immediately and initiate efforts to develop potential solutions. The BP/IEC team will work with the City to resolve the issue in such a manner as to avoid delays and/or additional costs to the project. If a change order appears to be the best solution, a properly formatted change order request with appropriate supporting information will be submitted in timely fashion to the City in accordance with contract provisions.

Throughout the project, we will follow the established protocols with City staff and the PIO when addressing community issues, complaints from the residents, and questions or concerns from City Council offices. This will include attending community meetings, if requested, both prior to and during the active construction.

### **Phase IV – Start-Up and Testing**

As part of the initial design effort, the BP/IEC team will develop a comprehensive plan for the start-up and testing activities to be implemented where applicable. For projects that interface with adjacent pump stations or other operational facilities, this plan will include consideration for special conditions that may be required and will include input from City Operations staff, our QA/QC team, and others as appropriate. We will coordinate with City forces to facilitate the final pipeline connections to the active system or the shut-down and removal of temporary by-pass systems as needed, and also for final acceptance.

### **Other Project Approach Considerations**

Presented below is a description of other project factors associated with underground construction and how the BP/IEC Team will address them successfully.

### **Specific Technical Considerations for Underground Construction**

There are both technical and community impact constraints for most typical underground projects within the City. The following is a brief list of the typical design criteria to be determined:

- **School Schedule Moratoriums**

We will work with the City and PIO staff to identify constraints on working near schools and bus stops in order to sequence construction accordingly, both in terms of daily and vacation schedules.

- **Beach Area Moratoriums**  
BP/IEC fully understands the needs of working around seasonal moratoriums in the beach communities where there is heavy tourism activity and traffic between Memorial Day and Labor Day, and we have extensive past experience working in these areas.
- **Community Impacts**  
We will determine if there are houses of worship, shopping centers, etc. along the alignments and work with our traffic expert and the City to assess the best way to stage the work around these locations for minimal impact. The work may also affect special districts or designated community villages in the City, and these all require special consideration and coordination.
- **Operational Restrictions**  
Phasing the work may be required for various reasons, such as maintaining service pressures or sewer flows, or pump station operations. We will develop a plan for these considerations at the start of the project based on input from City Operations staff.
- **Phasing Constraints Due to Changing Conditions**  
While the individual project constraints will be incorporated into the initial project schedule, this schedule will be a “living document” which can be adjusted as project conditions change. Examples of this include unforeseen water system pressure drop problems or accommodating adjacent project work. We will be flexible during construction to accommodate changes to such schedules if they unexpectedly change.

### **Community Relations**

Since the project will likely encompass local community planning groups, schools, and other stakeholders, a comprehensive Community Relations Plan will be an important tool to guide the outreach effort needed to inform these specific entities and the public about the project. IEC’s experience, such as the successfully completed Upas Street Pipeline Project for the City, highlights the importance of early outreach to let the public know what’s coming, even in advance of the potholing and geotechnical investigation stages. We will work with the City PIO as appropriate to support the development a Community Relations Plan and do our part to implement the plan. We will develop our project signage, notifications, and correspondence with the community through close coordination with the PIO. If appropriate, we can engage the services of an outreach specialist to assist the City with these efforts. Timely, clear, and concise communication with the public will minimize complaints about the project.

### **Traffic Impacts and Safety**

For any project located in the public travel way, traffic control is vital to safe project execution. The design of the pipeline alignment must consider opportunities to reduce the traffic impacts (e.g. by locating the pipe close to one side of the street). As well, the traffic control design must go hand in hand with the layout of the pipeline to facilitate efficient construction and smooth traffic flow around the work area. The plans will seek to avoid bus stops, maintain ingress and egress, and avoid high ADT areas during specific periods. As we have done on numerous previous projects, the BP/IEC team will engage a traffic control specialist to develop these plans in compliance with City Traffic Department requirements.

### **Hazardous Materials Management**

The BP/IEC team takes hazardous material management very seriously. If hazardous materials are a potential issue, we will address this carefully before trenching work begins. We will select as one of our subconsultants a firm to prepare a comprehensive Hazardous Materials Management

Plan that includes flowcharts and/or procedures for chain of custody and ultimate legal disposal requirements. If necessary, we will also address the need for other related permits such as a Groundwater Discharge Permit from the RWQCB.

### **Peripheral Design Requirements**

When the City tackles a pipeline project, it often includes peripheral improvements into the project that benefit the neighborhood in the vicinity of the project. A common example is to expand the overlay to improve the broader roadway surface or to construct ADA-compliant curb and sidewalk ramps at intersections. We are well-versed in including these features in our design projects and will be cognizant of how they may need to be incorporated into MACC task orders.

### **Valve / Appurtenance / Manhole Placement**

The team will work with the City to determine the best location for valves, appurtenances and manholes. Some of these may already be defined by the City's planning study or other constraints/requirements, but the final locations will not be made without the City's concurrence.

### **CEQA Compliance & Permitting**

As appropriate, we will assist the City in obtaining certified environmental documents and obtaining required permits. Based on the City-provided CEQA document, we will comply with and follow the required mitigation measures. The BP/IEC Team will prepare a Permit Work Plan to define the schedule and deliverables for each permit. If the project involves a large number of permits, such as encroachment permits for pipelines passing through other jurisdictions (e.g. SDG&E, Caltrans, MTDB, or BNSF Railroad) or special regulatory agency involvement (e.g. RWQCB or OSHA), we will take the extra step of assigning a dedicated Permit Engineer to the task whose main responsibility is to coordinate, schedule, and report to the team Project Manager on the status of each individual permit. This will be a person that is versed in dealing with the identified agency(s) so that the coordination and permit acquisition process is executed smoothly and efficiently and moves forward in synchronization with the project schedule.

### **QA/QC Program**

Quality will be emphasized during all phases of the contract and for each individual design and construction process of any project. The QA/QC Program will implement guidelines for document control and review, testing outline, construction forms and inspection of work. Our designated contract QA/QC Officer will play a key role on the project during both the design and construction phases.

The keys for successful project documentation control are QA/QC guidelines with strict procedural methodology and to have one point of contact, the Document Control Officer, for the documents to flow through for each project. This person reports directly to the QA/QC Officer and tracks, inputs, and distributes all correspondence for the project both during design and construction. The Document Control Officer, with direction from the project's QA/QC Officer, sets up the project files, project logs, and makes the forms project specific.

QA/QC team duties during the design phase will consist of preparing a QA/QC plan with proper forms and procedures, implementing the plan through close coordination with the design and construction teams, performing constructability and value engineering reviews of plans and specs. Performance standards in the specifications will be checked to verify conformance with City and applicable standards.



## Proposed Method/Knowledge of Local Environment

---

QA/QC team duties during the construction phase include field inspection, review and approval of contractor's submittals, material testing management and engineering review of both laboratory and field results and the coordination of inspection personnel and testing services for the project. The QA/QC Officer's responsibilities will include the certification of contract compliance with plans, specifications, approved submittals, SWPPP Plans, and all other applicable permits and regulations, as well as coordination with City staff for required inspection, testing and approval of completed construction work. Prior to final completion the QA/QC Officer will certify and turn over inspection reports, O&M's, Record Drawings, warranties and material certificates to the City.

### KNOWLEDGE AND UNDERSTANDING OF LOCAL "ENVIRONMENT"

The "local environment" associated with a pipeline project in San Diego encompasses several facets of knowledge and understanding such as the site-specific subsurface conditions, the City departments that operate and support the pipeline or facilities, the regulatory agencies and prevailing permit processes, the surrounding neighborhoods and communities, and the regional and national technical guidelines and standards that apply to such a project. In addition, many of these factors evolve and change with time.

The BP/IEC Team brings knowledge and understanding to all facets of the project that go beyond our team's past experience and successful project completions. Through permit processing experience, participation in local government and community groups, continuing education, leadership in professional organizations, and codes and ordinance development, we stay current with the ever changing environment. Burtech has assigned personnel for the construction side of the Design Build Team, including management and supervisory personnel, that all have over 25 years of experience in San Diego, working with Public, Private, City, and US Government environments and in all areas of the County from the saturated sands of the beach area to the Blue Granite Rock of the San Diego/La Mesa area.

The following highlights our current knowledge and understanding of the local environment and our ongoing activities to stay on top of the local environment conditions:

**Geotechnical Conditions** – The geologic conditions in San Diego vary widely according to topography: from loosely compacted sandy soils in the Mission Beach area, to conglomerates with a mix of sand, cobbles and boulders in Point Loma, to hard rock such as Santiago Peak Volcanics. The terrain varies from relatively flat tidelands to the top of the mesas that are dissected by numerous small and large drainage canyons. There are many well-documented earthquake faults classified as having minor to major potential sources of activity. These conditions render some areas susceptible to seismically-induced settlement and liquefaction. There are known and unknown landslides in some parts of the City. In lower elevation areas, groundwater can be a critical design issue. The BP/IEC team has experience working in all of these types of conditions. In addition, the sub-consultant/subcontractor team members we select for the design and construction work on specific task orders will bring knowledge to the team that is specific to the conditions surrounding the project at hand.

**Traffic Conditions** – City pipeline projects may involve work along busy multi-lane thoroughfares with parking and businesses or narrow streets with direct residential driveway access, tight curves and limited sight distances, and a wide range of conditions in between. Special considerations must be given to providing the public with alternate routes in/out of construction areas, staging of the pipe installation, maintaining at least one lane of traffic open at all times for safety, and possibly restricting construction to off-peak periods in order to control impacts. For specific task orders, we will engage a traffic consultant that has successfully processed traffic studies and design

projects within the City that minimize the traffic impacts on the community. Within the City, IEC has designed pipelines and Burtech has constructed pipelines successfully within the full range of such conditions.

**Environmental Permit Compliance** – Most of the projects we have completed have required some level of environmental permit compliance. We understand the CEQA compliance requirements that apply to both typical pipe replacement projects, as well as the more complex requirements that affect projects in highly sensitive environments such as drainage crossings, sewers in heavily vegetated canyons, and work inside Multi-Habitat Planning Areas (MHPA). On past sewer projects, we successfully managed active sewer flows while working in environmentally sensitive areas close to the San Diego Bay Tidelands and Caltrans ROW, while actively maintaining trench integrity in soils that are loosely compacted and groundwater saturated. IEC routinely prepares design plans and specifications that meet City Site Development Permit requirements and other special requirements, such as pipeline crossings of Caltrans ROW and San Diego County Water Authority aqueducts, including highly successful crossings of Interstate 5 and State Route 163 as part of the Upas Street Pipeline Project. As a result, the BP/IEC Team has a thorough understanding of jurisdictional and environmental regulations and requirements that affect City projects, as well as good working relationships both with City staff, and with other agency stakeholder staff with whom the City must coordinate during the project approval and environmental clearance.

**Cultural Resources** – San Diego is an area rich in cultural resources that may be present on many projects. Here again, we understand and respect the project requirements that help to identify and preserve valuable cultural resources that are affected by construction projects. We routinely work closely with project monitors to address these factors in a proactive manner so that the public and the construction project are not unduly hampered by the preservation efforts.

**Communities** – We understand how projects affect local residents, businesses, schools and others that are in close proximity to the construction work. We support the approach of working closely with the City staff to facilitate proactive and clear communications with project stakeholders. On past City of San Diego projects, IEC has worked closely with Salazar Communications to achieve project understanding and acceptance by the local residents. On the City's Upas Street pipeline project, there were a multitude of highly complex community issues such as coordination with Balboa Park and its tenants, several community groups, and others that were proactively addressed by the project team so the community was informed about the project before and as it was happening.

**Permitting / Reviews / Approvals** – In addition to compliance with City of San Diego design requirements, linear projects in San Diego often involve reviews and approvals from other agencies and jurisdictions. We routinely process projects through these agencies and know their requirements well. Examples include:

- City of San Diego Departments: The team has successfully completed design services and construction projects that comply with the City's technical specification requirements, ADA standards and guidelines, and compliance of the Operations Department valve configurations. We have also handled projects where the project involved work and materials not defined in the City Supplement to the Greenbook. We also have direct experience coordinating through the Public Works Project Manager to incorporate the requirements of various City Departments including:

- Public Works, E&CP: Prepare construction drawings conforming to the City's latest CAD standards.
  - Public Works, Street: Develop a pavement restoration and emulsified asphalt-aggregate slurry seal of public and private streets affected by construction.
  - Public Works, Environmental Services: Develop appendices for the environmental mitigation and monitoring plan.
  - Public Works, Disability Services: Incorporate design requirements for the reconstruction of pedestrian ramps conforming to the American with Disabilities Act.
  - Public Utilities, Water: Develop the pipeline design conforming to the requirements of the City's guidelines and standards for water and recycled water facilities and special requirements for site-specific project features.
- Caltrans: We have direct experience with processing different Caltrans encroachments permits for both transverse utilities crossings and longitudinal encroachments for various freeways, such as the I-5, SR-163, the I-215, I-905, and other freeways. Communication with Caltrans early in the project process through their Governmental Review Process will ensure project consensus and will expedite the project. Once the requirements are established, the permit package can be prepared and submitted to the Permit Engineer assigned to the project. Caltrans will then route the package to their nine (9) departments and can provide comments as early as four (4) weeks and as late as 60 days
  - OSHA: Trenchless construction for pipelines 30-inches or greater in diameter will need to be classified by OSHA Division of Occupational Safety and Health, Mining and Tunnel Unit. This permit is often times overlooked; however IEC processes these types of permits throughout the year so we are familiar with Division's staff, their processes, and their requirements.
  - Railroads: Construction activities adjacent to the railroad tracks will require a Right of Entry for with review periods that typically take 30-60 days. For new crossings, a license agreement and joint right of entry permit are required. IEC has helped agencies process license agreements for various railroad agencies including Burlington Northern Santa Fe (BNSF) Railroad, Union Pacific Railroad, RailAmerica, and North Country Transit District (NCTD). These permits can be very complex; but through our methodical process and due diligence, we were able to sort out all the details and process the permit and license agreements prior to construction.
  - Coastal Commission: The Coastal Commission can grant an exemption if the project can be classified as repair or maintenance activities that do not result in an addition to, or enlargement or expansion of the facility. We have completed many projects for municipalities in the coastal areas that have taken advantage of exemptions to streamline the projects, thereby expediting schedules and controlling costs.

**City of San Diego Design Standards & Guidelines** – The City of San Diego has adopted the City of San Diego Standard Specifications for Public Works Construction 2015, newly titled as “WHITEBOOK” 2015 edition which now contains the following two documents: (1) Equal Opportunity Contracting Program Requirements that sets forth the requirements for the City's equal opportunity contracting program, and (2) City Supplement that is used in conjunction with the Standard Specifications for Public Works Construction (“GREENBOOK”). IEC recently used these specifications for the City's Upas Street Pipeline Project.

The City of San Diego utilizes the San Diego Area Regional Standard Drawings, as developed by the San Diego Regional Standards Committee, plus those additional City Standard Drawings

which are unique to public works construction in the City of San Diego. The City has a trench resurfacing detail that is unique to City projects. The team has utilized these standards on past projects and understands that standard details are general in nature and that project specifications need to include materials, procedures, and installations that are appropriate and acceptable for a pipeline project. We understand that the City has a 3-year moratorium on resurfaced and slurried roadways to ensure the life of recently paved streets is extended by maintaining the integrity of the structural section.

The City of San Diego Municipal Code contains ordinances for the City of San Diego. For example, a code that needs to be considered during the design process is the “Procedures for Work on Utility Installations in the Public Right-of-Way” because this code describes the process the contractor will need to follow during his construction activities. IEC ensures that the contract documents include the necessary project requirements for bidding purposes and project construction. The traffic control and striping plans will need to account for any striping removed or temporarily placed shall be restored within 24-hours where there are more than two lanes of travel and within 72-hours where there are two or fewer lanes of travel. In addition, during the design process utility potholing activities and any preliminary work performed in the public right-of-way will need to follow these requirements.

The City of San Diego’s Infrastructure and Capital Improvements Program issues seven (7) books known as the Design Guidelines and Standards, comprised of (1) General Design Guidelines, (2) Facility Design Guidelines, (3) Standard and Guide Details, (4) Standard and Guide Specifications, (5) CADD Standards, (6) Construction Management Guidelines, (7) Recycled Water System Guidelines. IEC recently implemented these standards for the City’s Carmel Valley Recycled Water Project. We understand that the City takes advantage of construction activities occurring in public streets to upgrade pedestrian ramps. The Americans with Disabilities Act (ADA) Public Rights-of-Way Accessibility Guidelines and Caltrans Manual of Uniform Traffic Control Devices (MUTCD) provides the latest acceptable Tactile Warning Surfaces, push-button station standards, landings, and other ramp details. We recently applied applicable ADA standards to the City’s Upas Street Pipeline Project.

These are some examples of our knowledge of the City’s processes, standards, and guidelines. We implement a comprehensive approach to designing water, wastewater, and stormwater facilities that goes beyond checking off requirements. Instead, we delve into the details of standard industry practice, which will optimize your water facility and improve your roadways. We add value by making it easy for the City to perform quality reviews by implementing our methodical process of documenting project files, assumptions, and key project decision-making.

**Involvement in the Technical Community** – To further our knowledge of the local “environment” IEC actively invests in continuing education of our engineers and technical staff. We accomplish this by pursuing speaking opportunities, writing technical papers, and sharing our knowledge with our clients. Relevant examples of continuing education that keeps IEC current with changing standards, regulations procedures and policies within the local environment include:

- IEC Staff recently participated in the 2017 “Engineering Day at the Mall” and staffed an exhibit booth intended to expose young people to the engineering profession and encouraging them to pursue an engineering career.
- Standards for Public Works Construction “Greenbook” – Dolores Ventura, P.E., Project Manager, attended the training presented by the American Public Works Association Southern California Chapter Education Committee.

- Qualified SWPPP Developer (QSD) Training for the California Construction General Permit (CGP) – IEC staff Romi Iida, P.E., and Dave Padilla, P.E. have obtained their QSD Certifications. The California Construction General Permit (Order 2009-0009-DWQ) requires all Storm Water Pollution Prevention Plans (SWPPPs) to be written, amended and certified by a QSD.
- Standard Urban Storm Water Mitigation Plans (SUSMPs) – Dave Padilla, P.E. is actively involved and assisting municipalities with the enforcement of stormwater discharge control ordinances through plan checking services for municipal agencies and in the development of contract documents for municipal projects which include stormwater pollution prevention plans for compliance with municipal agency Standard Urban Storm Water Mitigation Plans (SUSMPs), the County of San Diego Stormwater Standards Manual, and San Diego Regional Water Quality Control Board requirements.
- WaterReuse Association – Jamie Fagnant, P.E. is past president of the WaterReuse San Diego chapter. Jamie has dedicated a substantial amount of her personal time to the success of this organization.
- Low Impact Development (LID) Applications for Water Resource Management – Dolores Ventura, P.E., Project Manager, completed this ASCE Continuing Education Seminar. The outcomes were understand concepts and strategies for using LID and decentralized controls for new and retrofit construction and understand strategies for incorporating LID into local government codes and ordinances.

Involvement with Standards and Manuals of Practice - IEC understands local agency's standards, regulations, and ordinance by helping to update local agency's ordinances, policies, and procedures.

- Storm Water Mitigation Plan (SWMitP) – Dolores Ventura, P.E., Project Manager, updated the SWMitP for the City of El Cajon, which adheres to the Countywide Model Standard Urban Stormwater Mitigation Plan (SUSMP). As a co-permitee of the San Diego Regional Water Quality Control Order No. R9-2007-0001, the City was required to incorporate the Model SUSMP into their local SUSMPs. The SWMitP is the document used by the City to identify high priority projects and ensure they comply with permit requirements.
- Sewer System Management Plan (SSMPs) – IEC has completed SSMPs for Olivenhain Municipal Water District, San Diego State University Environmental Health and Services, Rancho California Water District, and Santa Ana Watershed Project Authority. This includes reviewing legal documents, maintenance plans, and other agreements for various sewer agencies in the local area.

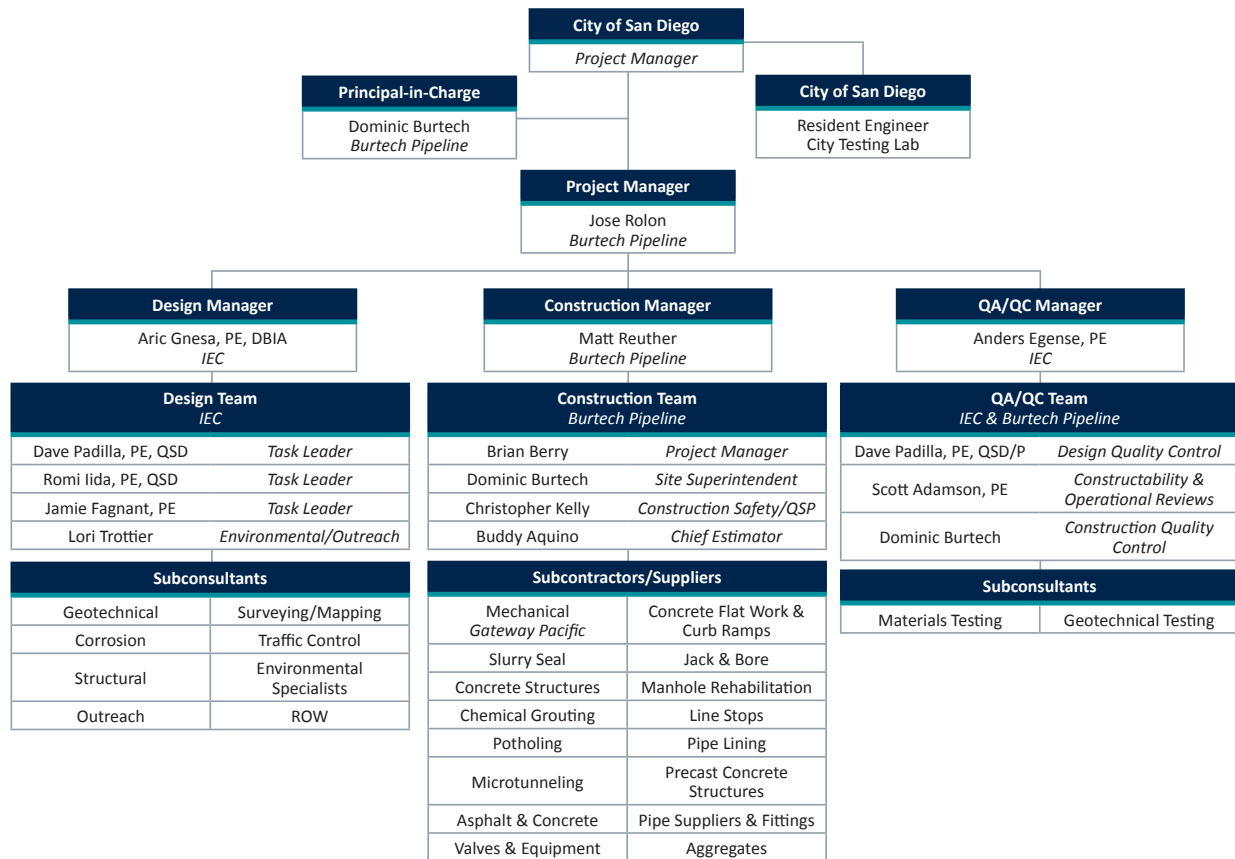
Experts in the local “environment” - IEC and its staff are recognized experts in many areas of the local environment.

- ASCE “Pipelines 2004” Conference – Aric Gnesa, M.S.C.E., P.E., Senior Project Engineer, authored and presented Design Methods for Steel Liners to Prevent Collapse by External Pressure during Relining of Prestressed Concrete Cylinder Pipe during this international event hosted by ASCE in San Diego.
- Southwestern Community College – Aric Gnesa, M.S.C.E., P.E., Senior Project Engineer, was the instructor of Engineering Graphics and Design during the fall 2008 semester course.
- California Board for Professional Engineers and Land Surveyors (BPELS) – Aric Gnesa, M.S.C.E., P.E., Senior Project Engineer, served as a subject matter expert for the Special Civil Examination in Seismic Principles and Engineering Surveying.

# Project Organization and Key Personnel

The proposed BP/IEC Team is presented in the organization chart below. The team has worked together seamlessly on several past projects similar in nature to the pipeline projects that are expected under this MACC program. The team members bring directly applicable design and construction experience from successfully completed pipeline projects, including D-B work, work on City of San Diego projects, and work for other San Diego area agencies.

Our senior team leaders are committed to the MACC program and the entire duration of all the Task Orders that the BP/IEC Team is selected to execute. Specific to each Task Order we receive, we will assign a dedicated Design Task Leader, a Construction Task Superintendent, and associated support staff appropriate to the requirements of the project. This will include assembling a project focused team comprised of all the technical disciplines, specialty subconsultants, subcontractors, and suppliers needed for the project, utilizing SLBE/ELBE firms where possible and appropriate. As reflected by the depth of staff listed in the organization chart, we can readily accommodate multiple simultaneous Task Orders. The members of each Task Order team will be committed to the complete execution of the project.



In terms of specialty subconsultants, subcontractors, and suppliers, we have listed the types of services/materials that we are likely to need for the pipeline Task Orders. Based on the particular needs of each Task Order, we will coordinate with SLBE/ELBE firms and other firms to fill the specific roles on the team.

Presented on the following pages are Resumes for the senior team members and lead support team members named in our organization chart (not part of the page count per the RFP).

**Jose Rolon – Project Manager**

*Cal State Bakersfield, 2002*

Jose Rolon has been involved in the Estimating, Management, and Cost Control Management aspect of Construction Projects Execution, including Design-Build Projects in valuation of over \$70 Million, which required extensive Site Evaluations and existing utilities relocations in order to provide the most cost effective and practical infrastructures layout. Aspects of Construction executed include Large Scale Cast In Place Structures, Participation on Pump and Canals Fore bay scale model testing and design, Civil Pipeline Installations up to 96” Diameter, extensive work within confines of utility shutdown periods, Horizontal Directional Drilling, Micro-tunneling, Jack and Bore, Complete Pump Station Control Buildings, Large Electrical Duct Banks, Surface Improvements Remove & Replacement, Steel Liner Installation up to 69” Diameter in existing Pipeline, Canyon Stabilization with Import Fills.

**Matt Reuther – Construction Manager**

*University of Delaware, 2010*

*Engineer-in-Training*

Matt Reuther is responsible for the management of multiple coinciding underground wet utility projects, task include material purchasing, processing field and change order, scheduling, RFI’s and billing. Matt is also responsible for assisting the Chief Estimator in the bidding of new projects, were he performs the subcontractor outreach and bids the subcontractor work. Matt has experience in working with multiple municipalities in Southern California on wet utility and grading projects worth \$500,000+.

**Brian Berry – Project Manager**

*Cal State San Marcos, 2012*

Brian Berry performs daily project management tasks such as scheduling, purchasing materials, RFIs, change orders, and billing. He’s had experience working on large diameter water replacement projects with SDCWA, MWD and he’s had experience doing water replacement, sewer and storm drain replacement open cut work for the city of San Diego. Brian has a total of 4 years project management experience with wet utilities.

**Christopher Kelly – Construction Safety / QSP**

*OSHA 10-Hour Certification*

*Excavation Safety for Competent Person Training*

*CPR/First-Aid Instructor*

*Confined Space Entry Certification*

*OSHA Compliance & Workplace Safety of Continuing Education*

*Qualified SWPPP Practitioner – Certificate #26153*

*Certified Inspector of Sediment and Erosion Control – Certificate #1969*

Exceptionally dependable and detail-oriented Safety Coordinator with a stellar record of workplace safety. Adept at professional communication with employees at all levels. Able to function well as a team member or independently. Development, revision and implementation of Burtech Pipeline IIP Program. Responsible for all ongoing and progressive safety training, consultation and field inspections. Specialty Foremen handling hi-profile safety projects and generating job hazard assessments (jack and bore operations, specialty engineered excavations).

**Dominic Burtech – Site Superintendent**

*National Utility Contractors Association – Competent Person Training*

*Los Angeles Trade Tech, 1980*

Dominic, the President/CEO of Burtech Pipeline, has over 30 years of experience in the installation

of water, sewer, and storm drain pipeline systems on both private and public works projects. Responsible for 4 -15 men crews, traffic control, trenching, shoring, underlays, tie-ins, manholes, backfilling, compaction, pressure testing, leak detection, repairs and clean-up. Also experienced in the securing of permit approval from government inspectors. Dominic has worked on projects for multiple municipalities in Southern California, and is knowledgeable of standard drawings and specifications.

**Buddy Aquino – Chief Estimator**

*Adamson University, 1999*

Buddy has experience in Contracts, Estimating, Planning, Construction, Supervision and Management of various civil, architectural and underground utility projects. Skilled in aspects of civil engineering construction and construction and pipeline safety, major project management, budgetary and labor cost controls, estimating and ordering equipment and materials. Includes knowledge in customized monitoring systems on productivity and job cost tracking, establishment and maintenance purchasing procedures, personnel management, generation of in-depth reports and proposals, group speaking and presentation skills. Familiar with different water district standards and specifications in San Diego.

**Aric Gnesa, PE, DBIA – Design Manager**

**Qualifications**

Mr. Gnesa has 15 years professional experience in a wide range of engineering tasks and disciplines including planning, design, and construction management of large and small diameter (treated, raw water, and sewage) pipelines, pump stations, flow control facilities, and reservoirs. Temporary positions include internships in geotechnical, land surveying, and land development (3-12 months each), and Contract Consultant (design engineer and construction management) at the San Diego County Water Authority (SDCWA) for 18 months. Prior to completing his formal education, Mr. Gnesa worked in the construction industry for 8 years as a craftsman, foreman, and project manager. This combination of practical experience and highly technical education make Mr. Gnesa well suited for a variety of projects and duties pertaining to Civil Engineering.

**Project Experience**

**Groundwater Pilot Production Wells, City of San Diego** – Project Engineer for as-needed services to design pumping and conveyance systems for groundwater production wells throughout San Diego County. The City has an aggressive program to enhance their water supply system by adding approximately 10,000 acre-feet/year of locally produced groundwater to supplement the City's water supply system. To date, the contract has included the following task orders: 1. - Pilot Production Wells Investigation Workshop to identify candidate projects and develop the initial scope for future investigation and design efforts. 2. - Pilot Production Well No. 1 Improvements to design upgrades to the City's San Vicente Production Well No. 1 including new flow meter, pump to waste piping, and SCADA and remote communications equipment. 3. - Overall Program Management - LISA (Local Investigations and Studies Assistance) Program and miscellaneous technical assistance. 4. - Design of Production Well

**Professional Registration**  
Registered Professional Engineer California No. C68339

**Education**  
California Polytechnic State University, San Luis Obispo  
B.S. Civil Engineering, 2001

California Polytechnic State University, San Luis Obispo  
M.S. Civil and Environmental Engineering, 2003

**Affiliations**  
American Society of Civil Engineers

American Water Works Association

**Publications**  
Author and Presenter:  
Design Methods for Steel Liners to Prevent Collapse by External Pressure During Relining of Prestressed Concrete Cylinder Pipe  
American Society of Civil Engineers, Pipeline Division  
International Conference: "Pipelines 2004," San Diego

**Software**  
Primavera® P6 Project Management





Head and Conveyance Facilities for Diamond Business Improvement District (DBID) including a new 500 gpm production well head facilities, controls, and pipelines to enable the City to utilize groundwater for irrigation purposes.

**Emergency Diesel Generator Package 2A Project, City of San Jose** – Project Manager for the addition of an emergency power facility for the San Jose/Santa Clara Regional Wastewater Facility, including installation of four EPA Tier 4i, 3-Megawatt, 4.16 kV diesel generators with supporting fuel storage and delivery systems and emission equipment, and appurtenances. This emergency power facility is sized to provide backup power for the Regional Wastewater Facility's critical and secondary plant loads for up to 48-hours without refueling, and will readily accommodate future expansion.

**Digester Gas Compressor Upgrade Design-Build Project, City of San Jose** – Project Manager for a new concrete structure for two 2,000 standard cubic feet per minute (scfm) gas compressors and electrical support equipment, connections to the existing digester gas system, and an outdoor equipment pad for the associated hydronic support equipment. The gas compressors are capable of simultaneous operation to provide a total of 4,000 scfm capacity. Engineer

**Design-Build of Water Production Wells for Emergency Water Supply at Eleanor Pardee Park and Library/Community Gardens, City of Palo Alto** – Project Engineer for the design of two fully operational emergency supply water wells connected to the City of Palo Alto's water distribution system. The well sites are highly visible to the public; one is at the City's Main Library, adjacent to an important community garden facility, and the other is at Eleanor Pardee Park, a neighborhood park that provides children's playgrounds, picnic areas, and an additional community garden. At both sites, design challenges included the need to develop wellhead facilities that would blend into their surroundings and avoid introducing inappropriate "industrial" aesthetics into recreational greenspace. In addition, because of City regulations prohibiting loss of recreational lands, it was essential to minimize the above-ground footprint of the finished facilities. Effective public outreach and construction noticing were identified as particularly important for the success of this project, which kicked off immediately following the controversial removal of a number of mature trees on California Avenue in the City's central business district.

**Storm Pump Station No. 1, City of Sunnyvale** – The facility consists of, among other things, an approximately 25'x25' concrete masonry unit structure with a trash screen, two large natural gas powered duty pumps, one small electric pump, SCADA components, and three discharge pipes. The Preliminary Design report included conducting a complete investigation and analysis of the existing pump station to establish a basis of design for a comprehensive rehabilitation and update of the pump station. This included generating a complete list of deficiencies, and determining feasible options for rehabilitation and updating. The report presents alternatives, and includes preliminary construction schedules and cost estimates. The report was used to determine the scope of work to be used as a basis of design for construction documents. The project is currently in the design phase.

**Design and Construction Support Services for the Otay 14 Flow Control Facility Expansion, San Diego County Water Authority** – The project is located in the City of El Cajon and is a component of the East County Regional Treated Water Improvements Program (ECRTWIP). The ECRTWIP is intended to significantly improve the regional water delivery capacity in East San Diego County. The existing Otay 14 FCF was constructed in approximately 2003 and has a current capacity of 8 million gallons per day (mgd) with a 16-inch diameter pipe train. The existing FCF feeds the 24-inch diameter La Mesa-Sweetwater Extension (LMSE). Otay is in the

process of designing a new 36-inch pipeline to convey treated water from the Otay 14 FCF to the new 640 reservoirs. The expanded FCF will provide the additional capacity and feed the new 640 reservoirs through the new 36-inch pipeline.

**Dave Padilla, PE, QSD – Task Manager**

**Qualifications**

For more than 23 years, Mr. Padilla has served as Project Manager and Project Engineer focusing on design and construction phase services for municipal infrastructure projects. He has extensive experience in capital improvement projects for municipal water and flood control districts and municipalities encompassing water and recycled water pipelines, pump stations, sewer facilities, reservoirs, and street and drainage improvements.

**Project Experience**

**Upas Street Pipeline Replacement Project, City of San Diego** – Design Team Leader for the replacement of an aging 5-mile long potable water transmission main in the City of San Diego's North Park, Uptown, and Midway-Pacific Highway communities. The project alignment crosses canyonlands along the Highway 163 corridor and runs immediately adjacent to Balboa Park, in proximity to numerous residences, a middle school, a monastery, Boy Scouts and Girl Scouts of America facilities, which are in use year-round, and the Upas Street Pedestrian Bridge, a listed structure; trenchless construction will be used along portions of the alignment to reduce disturbance, and construction will be phased to further limit disturbance impacts.

**Carmel Valley Recycled Water Pipeline, City of San Diego** – Senior Project Engineer for the design of approximately 10,000 lf of 8-inch and 12-inch recycled water pipeline. The project connected to an existing 12-inch recycled waterline associated with the SR-56 project. The new recycled water line follows a westerly alignment along an existing bike path as part of the Palacio Del Mar community where it has several distribution lines to serve the irrigation needs of this community and reduce its dependence on imported water. The end of the new recycled water pipeline serves the needs of the Meadows Del Mar golf course located to the south. Project issues included traffic control, community issues, two bridge crossings, and residential developments.

**District 1, 4, and 6 Water Main Replacements, City of Pomona, California** – As design team leader, Mr. Padilla designed solutions and provided construction phase services for the replacement of approximately 11,130 linear feet of potable water transmission and distribution mains in northern Pomona with new 6-inch, 16-inch, and 18-inch ductile iron pipe. Project activities included extensive research of as-built drawings (circa 1940's), potholing, and field surveying to determine the locations of the existing water pipelines. Design challenges included pipeline alignments in utility-congested street corridors, a 90-foot long bore-and-jack crossing beneath Arrow Highway, connections to water transmission mains requiring short duration service interruptions, and protection of critical fiber optic utilities. Mr. Padilla expeditiously obtained a Caltrans encroachment permit for work beneath the Interstate 10/Orange Grove Avenue grade separation which contained a 90-inch diameter reinforced concrete pipe storm drain, high pressure gas lines, electrical and fiber optic utilities.

**Professional Registration**

Registered Professional Engineer  
California C55974

**Education**

San Diego State University  
B.S. Civil Engineering, 1993

**Certifications**

Qualified SWPPP Developer (QSD) & Qualified SWPPP Practitioner (QSP)  
Certification #00875

**Affiliations**

American Society of Civil Engineers  
American Public Works Association  
California Stormwater Quality Association

# Equal Employment and Contracting Opportunity (not included in page count)



City of San Diego  
**EQUAL OPPORTUNITY CONTRACTING (EOC)**  
1200 Third Avenue • Suite 200 • San Diego, CA 92101  
Phone: (619) 236-6000 • Fax: (619) 236-5904

## WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report (WFR)*.

### NO OTHER FORMS WILL BE ACCEPTED CONTRACTOR IDENTIFICATION

Type of Contractor:  Construction  Vendor/Supplier  Financial Institution  Lessee/Lessor  
 Consultant  Grant Recipient  Insurance Company  Other

Name of Company: Burtech Pipeline, Inc.

ADA/DBA: \_\_\_\_\_

Address (Corporate Headquarters, where applicable): 102 Second Street

City: Encinitas County: San Diego State: CA Zip: 92024

Telephone Number: ( ) 760-634-2822 Fax Number: ( ) 760-634-2415

Name of Company CEO: Dominic Burtech

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: \_\_\_\_\_

City: \_\_\_\_\_ County: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone Number: ( ) \_\_\_\_\_ Fax Number: ( ) \_\_\_\_\_ Email: \_\_\_\_\_

Type of Business: Corporation Type of License: Class A Engineering

The Company has appointed: Dominic Burtech

As its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: 102 Second Street Encinitas, CA 92024

Telephone Number: ( ) 760-634-2822 Fax Number: ( ) 760-634-2415 Email: buddy@burtechpipeline.com

- One San Diego County (or Most Local County) Work Force - Mandatory  
 Branch Work Force \*  
 Managing Office Work Force

*Check the box above that applies to this WFR.*

*\*Submit a separate Work Force Report for all participating branches. Combine WFRs if more than one branch per county.*

I, the undersigned representative of Burtech Pipeline, Inc

(Firm Name)

San Diego, CA hereby certify that information provided  
(County) (State)

herein is true and correct. This document was executed on this 4<sup>th</sup> day of January, 2017

  
(Authorized Signature)

DOMINIC BURTECH  
(Print Authorized Signature Name)

# Work Force Report (not included in page count)

**WORK FORCE REPORT – Page 2**

NAME OF FIRM: Burtech Pipeline, Inc.

DATE: 01/04/2017

OFFICE(S) or BRANCH(ES): 102 Second Street Encinitas, CA 92024

COUNTY: San Diego

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- |  |  |
|--|--|
| (1) Black, African-American                          | (5) Filipino, Asian Pacific Islander               |
| (2) Hispanic, Latino, Mexican-American, Puerto Rican | (6) White, Caucasian                               |
| (3) Asian  | (7) Other ethnicity; not falling into other groups |
| (4) American Indian, Eskimo                          |  |

ADMINISTRATION OCCUPATIONAL CATEGORY	(1) African American		(2) Hispanic or Latino		(3) Asian		(4) American Indian		(5) Asian Pacific Islander		(6) Caucasian		(7) Other Ethnicity	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Management & Financial			1									1		
Professional					1									
A&E, Science, Computer														
Technical														
Sales												1		
Administrative Support			1	1								4	3	2
Services														
Crafts			1											
Operative Workers			19		1				1		8			
Transportation			2								3			
Laborers*														

\*Construction laborers and other field employees are not to be included on this page

Totals Each Column			24	1	2				1		16	4		2
--------------------	--	--	----	---	---	--	--	--	---	--	----	---	--	---

Grand Total All Employees 46

Indicate by Gender and Ethnicity the Number of Above Employees Who Are Disabled:

Disabled														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Non-Profit Organizations Only:

Board of Directors														
Volunteers														
Artists														



# Work Force Report (not included in page count)

**WORK FORCE REPORT – Page 3**

NAME OF FIRM: Burtech Pipeline, Inc.

DATE: 01/04/2017

OFFICE(S) or BRANCH(ES): 102 Second Street Encinitas, CA 92024

COUNTY: San Diego

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- |  |  |
|--|--|
| (1) Black, African-American                          | (5) Filipino, Asian Pacific Islander               |
| (2) Hispanic, Latino, Mexican-American, Puerto Rican | (6) White, Caucasian                               |
| (3) Asian  | (7) Other ethnicity; not falling into other groups |
| (4) American Indian, Eskimo                          |  |

TRADE OCCUPATIONAL CATEGORY	(1) African American		(2) Hispanic or Latino		(3) Asian		(4) American Indian		(5) Asian Pacific Islander		(6) Caucasian		(7) Other Ethnicity	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
	Brick, Block or Stone Masons													
Carpenters														
Carpet, Floor & Tile Installers Finishers														
Cement Masons, Concrete Finishers			2								1			
Construction Laborers	1		31								3			
Drywall Installers, Ceiling Tile Inst														
Electricians														
Elevator Installers														
First-Line Supervisors/Managers											2			
Glaziers														
Helpers; Construction Trade			1											
Millwrights														
Misc. Const. Equipment Operators														
Painters, Const. & Maintenance														
Pipelayers, Plumbers, Pipe & Steam Fitters			6								3			
Plasterers & Stucco Masons														
Roofers														
Security Guards & Surveillance Officers														
Sheet Metal Workers														
Structural Metal Fabricators & Fitters														
Welding, Soldering & Brazing Workers			1											
Workers, Extractive Crafts, Miners														
<b>Totals Each Column</b>	<b>1</b>		<b>41</b>								<b>9</b>			
<b>Grand Total All Employees</b>	<b>51</b>													
Indicate By Gender and Ethnicity the Number of Above Employees Who Are Disabled:														
Disabled														



### **ACTIONS TO ENSURE EQUAL OPPORTUNITY EMPLOYMENT**

For this and all contracts, Burtech Pipeline, Inc. is committed to seeking local small and disadvantaged business enterprises by creating a “toolbox” of sub-contractors, suppliers, vendors, and sub-consultants we call upon per the scope of the task orders assigned under the MACC program to provide labor, equipment, material and professional services. Our diverse “toolbox” includes firms that Burtech Pipeline, Inc. has extensive history with, and are able to provide an exceptional product to the owner. Each of the specialized “tools” we have has the expertise, knowledge and resources to the meet the needs of the Design Build Team and the City.

Burtech Pipeline, Inc. is dedicated to meet the City’s EOCF goal for the assigned tasks. Burtech Pipeline, Inc. utilizes multiple channels for the recruitment of its subcontractors, including but not limited to, utilizing the City provided NAICS codes to target potential interested subcontractor; emailing, mailing and faxing Invitations to Bid, performing follow-up phone calls, posting Invitation to Bid to local contractor associations. Burtech advertises this sub-contractor/sub-consulting opportunities to ensure the maximum participation for SLBE, ELBE and DBE firms so that the City sub-contracting goals are met.

### **Equal Opportunity Employment**

Burtech Pipeline, Inc. is committed to the practice of recruiting, hiring and promoting of qualified individuals regardless of gender, race, religion, disability or any other factor. We hold the belief that a diverse workforce makes for a strong company; due to various work experiences, upbringing, cultures, understandings, respect, and compassions. The melting pot of different cultures promotes a collaborative environment, consent development, quality of work and owner satisfaction.

### **Participation in Local Organizations**

IEC supports and reimburses employees for expenses such as membership fees, registration fees, and travel expenses related to actively participating in these organizations. Various staff are involved with these organizations; listed below, however listed below are the employees that hold leadership positions in the organizations.

- Math, Engineering, and Science Achievement (MESA) Program
- American Society of Civil Engineers (ASCE)
- National Society of Black Engineers (NSBE) Scholarship
- Professional Development Day at San Diego State University (SDSU)

### **STRATEGIES TO RECRUIT, HIRE, TRAIN AND PROMOTE**

Burtech Pipeline, Inc. Equal Opportunity Employer when it comes to the recruitment, hiring, training and promotion of its employees. We post any job/internship openings to local job boards along with working with recruitment firms to hire qualified local candidates. Field Supervisors are equipped with multi-lingual application and possess the ability to accept and perform in-field interviews to make it easy and comfortable for the potential employee during the interview process. Burtech has bi-lingual office human resource personal to add to the comfort of potential candidates. Furthermore, all employees are encouraged and offered rewards for the referral of candidates that can be hired from a disadvantaged business associations.

Burtech Pipeline, Inc. is dedicated to utilizing apprentices that are certified by the State of California in order to be in compliance with state regulations. Apprentice become employees of Burtech Pipeline, Inc. and will earn and income and valuable on the job training, while pursuing becoming a journeyman.

For current employees, Burtech Pipeline, Inc. offers on-the-job training opportunities, such as, Competent Person training, First Aid, Defensive Driving, Equipment Operation and Project Management Development Classes. Burtech Pipeline, Inc. believes that the development of its

employees is one of the keys to the success of a company, and we encourage all employees to take part in these courses and better themselves.

### CURRENT COMMUNITY ACTIVITIES

Burtech Pipeline, Inc. believes in making positive contributions to the community. Through annual donations to multiple charitable foundations, sponsoring local youth sports organizations, to helping needy families during the holiday season, Burtech knows the value of an investment in our communities and how this affects our future.

In 2016 IEC founded the **Ashcraft Program**. This program was founded to honor Jim Ashcraft who dedicated his life to his community. IEC's corporate culture encourages individuals to serve the communities where they live and reach out to those who are economically and socially disadvantaged, elderly, or physically or mentally disabled. The way we serve our communities ranges from providing safe drinking water to third world countries to organizing support groups for children with Autism and their families.

- Water for Haitians
- Project Clean Facelift
- GenerateHope
- Christmas Train to Tecate, MX
- TJ Housebuilding Ministry
- Volunteer San Diego
- Bread of Life
- Big Brothers and Big Sisters Program
- Greater San Diego Science and Engineering Fair
- Surfriider Foundation
- Society of American Military Engineers (SAME)
- Computers to Kids
- St. Vincent de Paul Village
- Feeding America

As leaders in our fields, IEC values the opportunity to share our knowledge with students aspiring to pursue careers in civil and environmental engineering. Our expertise ranges from complex environmental processes to hydraulic modeling.

- Southwestern Community College
- California Board for Professional Engineers and Land Surveyors (BPELS)
- WaterReuse Greater San Diego Science and Engineering Fair
- SDSU MESA Graduation and Scholarship Reception
- ASCE YMF/SDSU Engineering Day at the Mall Volunteer (booth with activity)
- Know Your H2O
- Ocean Friendly Gardens

### FINANCIAL INFORMATION

Burtech Pipeline and IEC are both in good financial standing.

# Change Order and Litigation History

Project Name	Original Contract Value	Change Order Amount	% of Change orders	% Non-Owner Initiated CO	Comments
Sewer Main Rehab Phase J-1D	4,067,420.75		0.00%	0%	
Sewer Group 753	1,221,000.00	94,329.70	7.73%	0%	Owner Requested Changes
Harbor Drive Trunk Sewer	8,970,000.00	1,111,281.81	12.39%	0%	Owner Requested Changes
Pipeline Rehab Phase N-1	5,890,000.00	396,987.68	6.74%	0%	Owner Requested Changes
Pipeline Rehab Phase M-1	2,807,089.04	39,997.40	1.42%	0%	Owner Requested Changes
Sewer & Water Group 799	4,650,000.00	84,915.56	1.83%	0%	Owner Requested Changes
Water & Sewer Group 929	2,168,000.00		0.00%	0%	
Pipeline Rehabilitation S-1	4,343,851.40		0.00%	0%	
Terramar Sewer Lift Station	683,648.00	32,297.80	4.72%	0%	Owner Requested Changes
Sewer & Water Group 761	3,095,000.00		0.00%	0%	
Sewer & Water Group 732	1,355,000.00	78,151.42	5.77%	0%	Owner Requested Changes
Water Group 945	1,780,000.00	100,240.00	5.63%	0%	Owner Requested Changes
Carmel Valley Rd Recycled Main	1,234,000.00	(12,964.47)	-1.05%	0%	Owner Reduced Scope
Sewer Group Job 720	2,378,259.67		0.00%	0%	
Alta Del Mar 30" Waterline (P3)	810,000.00	617.60	0.08%	0%	Owner Requested Changes
Sewer Pipeline Rehab W-1	2,465,095.10	296,589.55	12.03%	0%	Owner Requested Changes
Group 3017 - Sewer Group 727 & 735	3,677,000.00		0.00%	0%	
Otay 1st & 2nd Pipeline Abandonment	4,135,140.00	750,315.36	18.14%	0%	Owner Requested Changes
Sewer & Water Group 815	3,463,000.00	338,292.54	9.77%	0%	Owner Requested Changes
Pipeline Rehabilitation X-1	513,000.00	17,507.38	3.41%	0%	Owner Requested Changes
NW Quadrant Storm Drain (Basswood & James)	327,999.90	(13,035.47)	-3.97%	0%	Owner Reduced Scope
2014 Sewer Pipeline & Storm Drain Repairs	455,414.50	67,043.00	14.72%	0%	Owner Requested Changes
Sewer Group Job 833	483,300.00	(38,708.70)	-8.01%	0%	Owner Reduced Scope
Recycled Water Pipeline Repair Project	194,950.00		0.00%	0%	
Baticuitos (B1/B2) Force Mains	4,590,000.00	96,123.45	2.09%	0%	Owner Requested Changes
Back Bay Drive Storm Drain Rehabilitation	426,518.00	37,330.58	8.75%	0%	Owner Requested Changes
Neptune/Downtown Valve Replacement	431,599.00	(18,295.69)	-4.24%	0%	Owner Reduced Scope
Recycled Water Phase 2 / Segment 18	371,833.87	49,989.99	13.44%	0%	Owner Requested Changes
Sewer & AC Water Group 1004	2,221,579.26	453,674.94	20.42%	0%	Owner Requested Changes
Sewer & AC Water Group 752	2,465,000.00	328,310.59	13.32%	0%	Owner Requested Changes
S. Oceanside Waterline Replacement	4,230,000.00	345,805.94	8.18%	0%	Owner Requested Changes
2015 Gravity Pipeline Rehabilitation Project	669,946.00	(167,663.70)	-25.03%	0%	Owner Reduced Scope
Sewer & AC Water Group 840	841,328.00	122,648.35	14.58%	0%	Owner Requested Changes
Sewer Group Job 798	1,247,000.00	(244,513.91)	-19.61%	0%	Owner Reduced Scope
<b>TOTALS</b>	<b>78,662,972.49</b>	<b>4,347,268.69</b>	<b>123.26%</b>		
<b>AVERAGE</b>	<b>2,313,616.84</b>	<b>161,009.95</b>	<b>3.63%</b>		





**Burtech Pipeline, Inc.**  
102 Second St.  
Encinitas, CA 92024  
PH: 760-634-2822  
FAX: 760-634-2415

**Re:** MACC Request for Qualifications - Litigation History

**Date:** 3/21/17

To whom it may concern,

Per spec section of 2.10.2 of the MACC Request for Qualifications, Burtech Pipelines litigation history from the last prequalification date (3/30/16) with the City of San Diego are as follows:

**Auto Accident Placentia**

Report Date: 6/17/16

Date of Loss: 6/16/16

Claimant Peggie and Brian Yamaguchi

Description: On 6/16/16 auto accident in Yorba Linda on Linda Vista Way. Operator was Jeffery Jelsomeno he was operating a backhoe, he went to make a left to get onto the median. He said he checked and said he was clear of any cars then once he turned he hit a car causing damage to the left side of it. The Police case # is 16-2027. Driver Brian Yamaguchi is presenting a claim for loss of consortium & Peggie Yamaguchi was taken to the hospital via ambulance with unknown injuries.

12/22/16 the case has settled and we are awaiting receipt of the dismissal back from the court. \$18,500

**335-417 Washington Street**

Job: 2014-025

Date of loss 1/7/16

Report Date 6/6/16

Adjuster: Jon Sommers

Description: Claim filed against the city for flooding of properties. Floyds Barber Shop Claims we forgot to remove BMP's over storm drain that caused flooding to his barbershop causing damages. Floyds Barber Shop Invoice is for \$7000, and we have settled the claim with Floyd's Barber Shop. Chase Bank sent in Claim for \$106,421.16 for damages caused from the Flood. Our Carrier is working to obtain proof of damages from all of the affected parties and we are currently in negotiations with Chase Bank.

Thank you,



Dominic Burtech  
President / CEO  
Burtech Pipeline

Burtech Pipeline, Inc. • 102 Second Street, Encinitas, Ca. 92024 • Phone 760-634-2822 • Fax 760-634-2415



City of San Diego  
Public Works Department

Statement of Qualifications  
Multiple Award Design-Build Contracts for Water,  
Wastewater and Stormwater Pipeline Projects (MACC)  
RFQ NO. K-17-1518-MAC-3



In association with:



ORIGINAL

## TABLE OF CONTENTS

SECTION 2.1/2.2	Addenda to RFQ/ Identification of the Design-Builder
SECTION 2.3	Exceptions to this RFQ (PASS/FAIL)
SECTION 2.4	Executive Summary
SECTION 2.5	Experience and Technical Competence
SECTION 2.6	Proposed Method to Accomplish Work
SECTION 2.7	Knowledge and Understanding of Local “Environment”
SECTION 2.8	Project Organization and Key Personnel
SECTION 2.9	Equal Employment & Contracting Opportunity
SECTION 1.6.8	Financial Information and Arrangements
SECTION 2.10	Change Order and Litigation History
Appendix A	Key Team Member Resumes
Appendix B	Work Force Report
Appendix C	Design-Builder Certification of Pending Actions
Appendix D	Subcontractor Documentation
Appendix E	Financial Information and Arrangements

---

### STATEMENT OF QUALIFICATIONS FOR



**General Contractor:**

**2.2.1. Legal Name & Address**

KTA Construction, Inc.  
821 Tavern Rd., Alpine, CA 91901

**2.2.2. Legal Form of Company**

California Corporation

**2.2.3. Number of years in San Diego County**

KTA Construction Inc. was established in 1979.

**2.2.4. Parent Company**

KTA does not have a parent company.

**2.2.5. Address of Main Office**

821 Tavern Rd.  
Alpine, CA 91901

**2.2.6. Address of Satellite Office**

KTA does not have a satellite office.

**2.2.7. Contact Information for firm, including name, titles, email, and phone number**

Mike Henderson, KTA Construction Inc., President  
821 Tavern Rd., Alpine, CA 91901  
619-562-9464 | Mike@KTAConstruction.com

**2.2.8. Number of employees in San Diego County**

KTA Construction has 55-60 employees in San Diego County

**2.2.9. Applicable License(s):**

**2.2.9.1. City of San Diego Business License**

License #B1995007394  
Expiration – July 31, 2017

**2.2.9.2. Contractor’s License**

State of California - Class A General Contractors License #398284  
Expiration – Jan. 31, 2019

**2.2.10. Name, title, address, & telephone number of person to contact concerning the SOQ.**

Mike Henderson, President | 821 Tavern Rd., Alpine, CA 91901 | 619-562-9464

*Designer*

*Nasland Engineering Inc.  
4740 Ruffner St.  
San Diego, CA 92111*

*A California Corporation*

*In Business for 58 Years*

*Firm’s Contact Info:  
Steven D. Nasland, PE  
Principal*

*[steve@nasland.com](mailto:steve@nasland.com)*

*Ph: (858) 292-7770*

*San Diego Business License:  
No. B1974002146 (Exp. 06/30/17)*

*Professional Engineering License:  
No. 39799, CA (Exp. 12/31/17)*

**Section 2.1**

**Addenda to RFQ**

KTA acknowledges receipt  
Of Addendum “1”

**STATEMENT OF QUALIFICATIONS FOR**



## SECTION 2.3

### CERTIFICATION OF EXCEPTIONS TO THE REQUEST FOR QUALIFICATIONS MULTIPLE AWARD DESIGN-BUILD CONTRACTS (MACC) FOR WATER, WASTEWATER, AND STORM WATER PIPELINE PROJECTS

The undersigned, a duly authorized representative of KTA Construction Inc.  
(Company Name)

hereby stipulates that KTA Construction Inc. takes no exceptions to this  
(Company Name)

Request for Qualifications and its attachments as referenced in this RFQ.

  
\_\_\_\_\_  
Authorized Representative

3-14-17  
Date

President  
Authorized Representative's Title

KTA Construction Inc.  
Company

**OR**

The undersigned, a duly authorized representative of \_\_\_\_\_  
(Company Name)

hereby stipulates that \_\_\_\_\_ takes the following exceptions  
(Company Name)

to this Request for Qualifications and its attachments as referenced in this RFQ.

\_\_\_\_\_  
Authorized Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
Authorized Representative's Title

\_\_\_\_\_  
Company

## EXECUTIVE SUMMARY SECTION 2.4

KTA Construction, Inc. (KTA) is a locally owned and operated general engineering construction company that specializes in sewer, water, and storm drain pipeline projects. Including all related structures (manholes, inlets, reinforced concrete box culverts, junction structures, dissipators, headwalls, pressure reducing stations, pump stations, and wet wells).

KTA has successfully completed multiple pipeline projects in the San Diego area since 1980, receiving APWA awards on four City of San Diego projects for “Outstanding Civil Engineering Projects”. Additionally, KTA has two City of San Diego projects (Alta La Jolla Storm Drain Repair & Otay Sewer Manhole Rehabilitation) that have been nominated for APWA awards in 2017.

KTA is prequalified with the City of San Diego and our bond company for single projects up to \$30,000,000 in value and has completed City of San Diego projects up to \$20,000,000 in value. KTA supports these projects with 60+- experienced employees, many of whom have been employed with KTA for over 20 years.

KTA owns and has available over 100 each pieces of construction equipment, including excavators, backhoes, skid steers, loaders, dump trucks, service/crew trucks, as well as by-pass pumps, and high-line material (pipe and fittings).

KTA has organized an exceptionally qualified design-build team with Nasland Engineering Inc. (Nasland) for the MACC projects. Nasland, like KTA has a long history of working in the County of San Diego and with the City of San Diego on sewer, water and storm drain projects. Nasland is currently working with the City on the design and construction of the “Old Otay Mesa Road Improvements”, which includes a 24” steel water line. Additionally, Nasland received an APWA award “Honor Award of the Year”, for the City of San Diego Dulzura Conduit Flume 22 Replacement project. The KTA and Nasland team members each have a long successful record of accomplishments for designing and constructing sewer, water, and storm drain projects for the City. The KTA and Nasland team are both local firms with knowledge of the San Diego area, and have worked with the City of San Diego, and local regulatory agencies, as well as the residents, merchants, and other stakeholders on a regular basis.

KTA will be the general contractor responsible for management of the entire project with Nasland providing project design, surveys, project plans, plan revisions, shop drawing submittals, QA/QC, and tech support. The KTA and Nasland team are familiar with and fully capable to conduct design, surveys, biological and environmental compliance, geotechnical, SWPP, community outreach and field investigations. All are licensed in their specific disciplines and all field implementation will be carried out by qualified personnel.

Mike Henderson will lead the MACC team. Mr. Henderson, the President and Project Manager for KTA Construction, Inc., has over 40 years of experience in the construction of underground pipelines in the San Diego area and has managed the successful completion of over 100 sewer, water, and storm drain projects for the City of San Diego. It will be his responsibility

---

### STATEMENT OF QUALIFICATIONS FOR



## EXECUTIVE SUMMARY SECTION 2.4

to ensure that all contractual requirements are strictly adhered to and that quality projects are delivered to the City in a timely and cost efficient manner. Mr. Henderson will be the primary point of contact for the City and will oversee daily coordination of the work.

Larry Thornburgh, PE, PLS of Nasland Engineering, Inc. will be the Design Manager, responsible for all project design work. Mr. Thornburgh has over 28 years of experience in the planning, design, and construction of water systems, wastewater collection, transmission, treatment systems and storm water projects.

Nasland will manage and prepare documents for all design related activities including final design and as-built drawings, utilizing proven design processes, following City standard practices and using a proven QA/QC plan. KTA will work with Nasland to coordinate field related activities involving excavation, shoring, pipe bursting, drilling, connections, BMPs, potholing, materials and related phasing of project activities.

Construction will be **well planned and implemented for quality control**. Any conflicts will be addressed ahead of time with proposed resolutions. Project plans will assure high quality construction on schedule and within budget. KTA's Construction Plan is based on providing a safe, well managed project. KTA will partner with City staff to assure complete coordination well in advance of construction for high-lining, cut, plugs, and reconnects. KTA construction efforts are directed at keeping a low profile in the community while the necessary and beneficial improvement work is being completed.

Community outreach is based on close partnership with the City, and stakeholders including not only residents and business owners but also community groups and elected officials to establish "project ownership" by informing them well in advance, preventing surprises and by soliciting community input.

The KTA team has been successful on all previous City of San Diego projects and is very familiar with the City standards, procedures, and requirements.

**KTA is continuously committed to our equal employment opportunity plan and affirmative action policy. We plan to exceed each projects percent of participation requirements by qualified SLBE & ELBE participation.**

---

### STATEMENT OF QUALIFICATIONS FOR



## EXPERIENCE & TECHNICAL COMPETENCE SECTION 2.5

KTA has been actively involved in City of San Diego construction projects (sewer, water, storm drain, pump stations, pressure reducing stations, concrete structures, undergrounding of dry utilities, concrete pavement replacement, sidewalk removal and replacement since 1980. Successfully completing over 100 City of San Diego projects/tasks during that time.

Several of the above mentioned projects were task orders issued to KTA through a General Requirement Contract (GRC) or Job Order Contract (JOC) which KTA has been involved in with the City of San Diego since 2002. The GRC/JOC are often projects that need immediate action on the part of both the City and the contractor. Additionally there is often limited or non-existent information available on the GRC/JOC projects, requiring the City and contractor to work together on realistic solutions to complete the projects in a timely and cost effective manner.

KTA has worked with the City of San Diego, other agencies and the community to successfully complete over twenty (20) of these GRC/JOC type projects.

KTA is currently involved in (10) each City of San Diego sewer, water, and storm drain projects with a total combined contract value of \$21.4M. These current projects are in various stages of construction, all are pipeline related projects and all are currently being completed on time and budget.

### RELEVANT PROJECT EXPERIENCE

#### 1. Alta La Jolla Storm Drain Repair

City of San Diego, Engineering and Capital Projects  
Project Manager: Mahmoud Oriqat | (619) 533-5232  
Resident Engineer: Sergio Iniguez | (858) 495-4426  
Total Contract Value: \$4,058,489.00

The Alta La Jolla Storm Drain Repair Project involved the clearing and grubbing of 350,000± square feet of existing canyon area. The installation of 2,300± linear feet of 18"-48" RCP storm drain,



1,100 tons of rip rap, construction of a large dissipator and diversion inlet, construction of 30 each concrete structures and cut-off walls, storm water by-pass, temporary irrigation, revegetation, mulch, maintenance, and biological monitoring. All performed under the strict guidance of the City of San Diego, FWS, and Army Corp. of Engineers. The project restored natural hydraulic conditions through use of an innovative diversion structure that splits the flows into a rehabilitated channel or storm drain, and construction of a detention basin to attenuate peak flows to minimize downstream flooding impacts. The project design minimized habitat disturbance and restored valuable Multiple Species Conservation Program lands with native vegetation. The innovative cost-effective design provides long-term geotechnical stability, stream course protection, and provides sensitive habitat and water quality improvements. This project has been nominated for a 2017 APWA award.

---

### STATEMENT OF QUALIFICATIONS FOR



**2. Otay Valley Sewer Manhole Rehabilitation (Phase 1 & 2)**

City of San Diego, Engineering and Capital Projects  
 Project Manager: Regan Owen | (619) 533-5205  
 Resident Engineer: Steve Lindsay | (858) 495-7878  
 Total Contract Value: \$4,234,752.00



The Otay Valley Sewer Manhole Rehabilitation Project (Phase 1 & 2) involved the rehabilitation of approximately 70 each sewer manholes (SMH) in depths up to 24 vertical feet and the sewer by-pass of 18”-30” sewer lines with flows up to 7.5 MGD. Several of the SMH’s were in environmentally sensitive areas which restricted work areas and times. Some of the work was completed at night to take advantage of low flows and some areas required MTS and Caltrans permits for access. The SMH rehabilitation was an option to the removal and replacement of approximately 70 each SMH and generated a cost savings of approximately two million dollars to the City of San Diego. The cost savings came as a result of value engineering presented to the City of San Diego by KTA. This project has been nominated for a 2017 APWA award.

**3. Sewer and Water Group 787**

City of San Diego, Engineering and Capital Projects  
 Project Manager: Regan Owen | (619) 533-5205  
 Resident Engineer: Lauren Jentzen | (858) 414-2449  
 Total Contract Value: \$5,165,380.00



The Sewer and Water Group 787 Project involved the installation of approximately 17,000 linear feet of 8” sewer up to 20± vertical feet deep, approximately 400 each sewer laterals, 93 each sewer manholes, directional drilling, and pipe bursting in environmentally sensitive canyon areas, 10,000+ square feet of concrete street and alley replacement, cold milling of existing asphalt, 1 ½” asphalt overlay, approximately 3,500 linear feet of 8” water, 112 each water service, slurry seal, striping, and biological monitoring.

In addition to the three listed projects, below is a list and basic description of several City of San Diego pipeline projects completed or currently under construction by KTA.

**1. DB Water Group 924 - (Total Contract Value: \$3.9 million)**

Water group 924 was a DB project in the College Grove area of San Diego involving the removal and replacement of over 22,000 linear feet of 8”-12” water line, 45,000 linear feet of water high line, 245 each of 1” and 2” water services, 42 each cut-in plugs and reconnection, 230+ each curb ramps, 130,000+ square feet of asphalt overlay, 716,000 square feet of slurry seal, striping, and storm water prevention planning. All of the above was completed on time and budget.

## EXPERIENCE & TECHNICAL COMPETENCE SECTION 2.5

### 2. Modified DB Water Group 920 - (Total Contract Value: \$1.8 million)

Water Group 920 was a hybrid type DB project. There were no “D” sheets or reduced prints provided for the project. All available information was provided in the project specifications (8 ½ x 11 sheets). The project was a replace in place waterline project in the Encanto area of San Diego. The project required the removal and replacement of approximately 8,500 linear feet of 8” waterline, 192 each 1 ½” water services, 17,000 linear feet of water high line, 13 each fire hydrant assembly, 1,700 tons of asphalt overlay, 67,000 square feet of slurry seal, striping, 9,800 square feet of pavement restoration, and storm water prevention planning. This project was a “Project of the Year” APWA recipient.

### 3. Job Order Contract (JOC) P-13 - (Total Contract Value: \$20 million)

Our JOC P13 Right-of-Way Pipelines project included an array of miscellaneous tasks needing to be completed throughout the City of San Diego. There were a total of 14 tasks issued ranging from as small as \$240,000 to as large as \$4,330,000. These various tasks included a variety of scopes including installation of 36” storm drain in Allied Gardens, installing sewer lateral replumbs via trenchless and open-cut methods in Mission Hills, replacing a new water main and a new sewer main (via pipe bursting methods) in front of the San Diego Zoo for the new Centennial Walkway to honor Balboa Park’s 100 Year Anniversary, as well as other numerous tasks relating to pipeline work.

### 4. AC Water Group and Storm Drain 1006 - (Total Contract Value: \$2.7 million)

This project included the replacement of approximately 13,000 LF of 6” and 8” AC water main with PVC Water Main in the College Grove community. This project also included a small portion of existing CMP storm drain to be replaced with RCP. Overall this project was a huge success and the performance evaluation we received at the end of the project received high marks.

### 5. Sewer Rehabilitation AH-1 & AH-1B - (Total Contract Value: \$7.5 million)

Pipeline Rehabilitation AH-1 and AH-1B were both in the Bay Park Community and included rehabilitation of over 8 miles of sewer main along with over 1,000 laterals, including new sewer cleanouts. This project also required 142 each point repairs and replacement of about 1,400 lineal feet of existing sewer mains.

### 6. Sewer and Water Group 930 - (Total Contract Value: \$3.8 million)

This project was located in the Linda Vista community. It included new 16” water main on Ulric St from Linda Vista Rd down to Friars Rd. A new pressure reducing station was also installed on the new main. Along with the new water main installation, approximately one mile of existing 16” and 18” transmission water main was abandoned in place and slurry filled. In addition to the water main, over 5,000 lineal feet of new sewer main, at depths reaching 20 vertical feet, were replaced along with multiple sewer lateral replumbs needed due to the new alignment.

---

#### STATEMENT OF QUALIFICATIONS FOR



7. **Water Group 942** - (Total Contract Value: \$3.8 million)

This is one of our ongoing active projects. It includes the replacement of almost 8,000 lineal feet of 16" water main and appurtenances on Kearny Villa Rd and Kearny Mesa Rd. One of the obstacles we have overcome on this project is conflicts with multiple utilities (not shown on plans). Due to the number of existing utilities in Kearny Villa Rd we have assisted the City with redesigning the alignment. This included installing the new water main being installed at a range of 6 to 8 vertical feet to ensure there is enough clearance to cross under all the utility packages. This project will also consist of installing a new 36" cut-in tee on the Montgomery Pipeline. We have been working closely with the City in redesigning this connection point to ensure we have as little impact on the community as possible.

8. **Sewer Group 721** - (Total Contract Value: \$4.1 million)

Located in the Ocean Beach community, this project consisted of the replacement of over 2 miles of sewer mains in alley's spanning from Sunset Cliffs up to Catalina Blvd. Due to the tight construction schedule and moratoriums in place, three crews were required to work simultaneously on this project to ensure the schedule was maintained.

9. **Water Group 944** - (Total Contract Value: \$2.4 million)

This water main replacement project included installation of new 12" water main in the North Park community on El Cajon Blvd, as well as new 16" water main on Oregon St. This project required us to overcome multiple challenges. One specific challenge included keeping the water supply at the Lafayette Hotel in operation 100% of the time, even during our cutting and plugging of the existing main and tying in of the new main. This required close coordination with the hotel and redesigning the phasing limits initially shown on the plans. Another challenge was installing new water services to the properties on the north side of El Cajon Blvd with minimal impact to the traffic and no disturbance to the center median. To accomplish this the water services, which were over 80 lineal feet long, were installed via trenchless methods. And because there was no trenching in the west bound lanes the City deleted the street resurfacing on the north side, which saved over one hundred thousand dollars.

10. **La Jolla Storm Drain Reconstruction** - (Total Contract Value: \$4.5 million)

On the streets near La Jolla Shores, we are replacing approximately 600 linear feet of an existing precast box culvert with a new cast in place box culvert. Due to the summer moratorium we committed to working six days a week, ten hours per day in an effort to complete this task before the Memorial Day weekend. This project, like many others, has demanded close coordination with the City, as well as, the community. This is an extremely difficult project particularly in dealing with access for the residents, merchants, and vacationers as well as dealing with the storm water and high tides that have accompanied the past two months of storms in the area. KTA has pumped virtually hundreds of thousands of gallons of water in our dewater and storm by-pass efforts on this project. Contact City of San Diego Engineering Supervisor, Steve Lindsay at (858) 495-7878 for any information on the effort of KTA to keep this difficult project on time and budget.

---

STATEMENT OF QUALIFICATIONS FOR

KTA believes that the most important aspect to the success of this design build MACC is for KTA and Nasland Engineering, Inc. (Nasland) to create a partnership with the City of San Diego Public Works Department, inspection, and O&M staff based on the common interest of **“total project success”**. This common interest will form the foundation for a team effort to provide a successful design build MACC project.

KTA and Nasland will conduct the design work in partnership with the City project team to insure total satisfaction and that all the comments from the City are met in the most efficient way. Our approach includes 30% design, 60% design, 90% design, 100% design, with continuing construction assistance. The design will meet all applicable codes, standards and City requirements.

#### THE 30% DESIGN WILL INCLUDE THE FOLLOWING:

- A scheduled kickoff meeting will be held at the project start to establish lines of communication, submit a project schedule with milestones, discuss methods of reporting status throughout the project, and submit a list of additional needed technical information for the project
- Conduct and/or incorporate additional survey, geotechnical, environmental requirements, permitting requirements, community and environmental impacts and scheduling for the project as necessary.
- Perform detailed field investigations.
- Review flow data and maintenance records such as CCTV, incorporate relevant items; consult with City personnel as necessary to thoroughly understand all project needs.
- If applicable conduct trenchless technology analysis to justify the most suitable trenchless solution/methods.

#### The 30% design deliverables:

- Geotechnical report
- Additional required surveying data
- Facilities layout
- All submittals (submitted as PDFs).

After submittal of the 30% comments and recommendations from the City project team, KTA and Nasland will conduct the 60% design. The 60% design will materialize the design concept, environmental impact protection, SWPP, community impacts, construction sequencing, and other City standard requirements.

#### The 60% deliverables will include the following:

- A table of City comments from the 30% submittal with KTA and Nasland response
- Civil plans and profiles
- Details for pipe and fittings
- Details for launching and receiving pits
- Specifications for trenchless technology design

---

#### STATEMENT OF QUALIFICATIONS FOR



- Traffic control and BMP plans
- Flow diversion and spill prevention plans
- All submittals will be submitted as PDFs

Records will be kept of all communications with utility companies and agencies. Following our 60% submittal KTA and Nasland will coordinate a constructability review meeting. The purpose of this meeting is to discuss all details of the design and insure the project can be constructed efficiently, on schedule and within budget.

A 90% deliverables will include the following:

- A table of City comments from the 60% submittal with KTA and Nasland response
- Complete plans and specifications
- Submittals will be submitted as PDFs
- Plans will also be submitted as full D size reproducible paper sheets.

At the 90% design submittal, we anticipate to start construction. City comments on the 90% design submittal will be addressed and any changes will be incorporated into the plans and specifications.

The final (100%) plans will not be issued until the project is completed. All field modifications will be incorporated into the plans for the final submittal.

The final deliverables will include the following:

- A set of D sized Mylar plans incorporating all redlines from construction as-built plans
- 2 sets of 11” X 17” plans
- One set of PDF and Microstation files

**Construction**

KTA will work in partnership with the City construction inspection team and City project management team to assure all requirements are met, and the project runs on schedule and smoothly. KTA anticipates construction will encompass a broad range of tasks. To overcome potential challenges and minimize impacts from a host of issues, KTA will conduct a constructability review, provide value engineering, to avoid potential conflicts where possible, and propose the lowest impact solutions. For example, KTA will develop a construction schedule and mitigation plan to address traffic impacts, staging and work sequencing, ease stakeholder concerns, and coordinate system modifications.

**1. Safety Program – Safety is KTA’s highest priority.** We are committed to constructing all work in such a manner to ensure the safety and protection of the City, the public, and our employees. KTA has developed and implements a comprehensive health and safety plan that covers all aspects of construction operations associated with our work. KTA will comply with all applicable health and safety regulations and any project specific City requirements.

---

**STATEMENT OF QUALIFICATIONS FOR**



2. **Community Outreach** – A partnership with the City Public Works Department will be the foundation for reaching out to the local community to identify their needs, solicit their input, and enlist their support. By engaging the community, the project will accomplish the following goals:
  - Inform the community about the project;
  - Gain public support;
  - Provide the community with an opportunity for input; and
  - Provide advance notice for construction and potential impacts.
  
3. **Traffic Control** - Our key consideration will be to minimize impacts to the community and City operations. We intend to furnish, install, and maintain approved traffic control devices required to ensure the safety of pedestrians and vehicles.
  
4. **Bypassing Cut-n-Caps Reconnections and Temporary Highline** - KTA will look at ways to construct new sewer and water without major bypassing, however if necessary we will coordinate the construction of our bypassing and switchover work with proper safety and minimum risk. We will prepare and design a phasing plan to be submitted to the City for review and approval. We will also prepare a schedule for this work at least 30 days in advance. KTA is also highly experienced with coordination of bypass and switchover operations. Water line cut-n-caps, abandonment, reconnections, and temporary high-lines will be coordinated with water utilities thru the project resident engineer. All temporary highline work including design, installation, testing and removal will be submitted for approval in sufficient time to avoid unnecessary project delays.
  
5. **Archaeological, Paleological, Native American and Biological Monitoring** - In the event archaeological, paleological, Native American, and biological monitoring is required, KTA will arrange to provide monitoring services. Archaeological, Paleological, Native American, and biological monitoring may be required as part of a Mitigated Negative Declaration.
  
6. **Water Pollution and Best Management Practices** - KTA is committed to the water quality protection and the reduction of potential pollution associated with storm water runoff and construction activities. We will implement a program to ensure all approved BMP plans are in place that controls, prevents, or removes pollutants. We will install and maintain the appropriate BMP's to ensure BMP's are working properly. Additionally, KTA will provide a SWPP compliance person for the MACC projects.
  
7. **Groundwater** - If encountered KTA will work with the permit agencies and the City to acquire a discharge permit and properly treat the groundwater in accordance with the permit. We will make application for the permit well in advance to keep the project on schedule.

**MANAGEMENT APPROACH**

KTA has developed a management approach that integrates our design and construction staff. This integration is a central component of our approach. KTA believes through the design-build

**STATEMENT OF QUALIFICATIONS FOR**



approach, there is greater ability to control and lower project costs and reduce the overall project schedule. KTA's approach of collaborating with design and construction staff will help the City of San Diego achieve this benefit. During the design phase of the project, KTA will provide constructability and value engineering reviews while the design staff ensures that all Department of Public Works guidelines and performance standards are met. During construction, design staff will work closely with construction crews to quickly resolve design issues, should they occur.

KTA's project management concept is an overall team approach with five key elements:

- Effective communication;
- Proper planning and anticipation of project challenges;
- Schedule and cost control;
- Adherence to the Scope of Work and City of San Diego standards, procedures, and directions; and
- Total Quality Assurance (QA) and Quality Control (QC)

**Effective communication** is vital to the success of the project. KTA will communicate through the City of San Diego project manager regarding project information, direction, and requirements for design and construction issues. KTA will communicate with all agencies having facilities or jurisdiction impacted by the project to coordinate design and construction and to minimize any interruptions. KTA's project team has extensive experience in obtaining private property agreements and dealing with private property owners to keep them informed about the work. Communication will be frequent, proactive, focused, well documented, and reported to the City's project manager through detailed progress reports and meetings.

**Proper planning** of project activities is the foundation of effective project control and a successful project. Project planning is essential in developing a realistic project schedule, procurement plan, and staffing plan. Proper planning also allows the project team to anticipate and identify potential project challenges. Anticipation and identification of project challenges is vital for key tasks to be addressed proactively and effectively. Our proactive approach to identifying potential challenges, before they occur, minimizes delays and reduces community impacts.

A **project schedule** will be established prior to the start of construction. Our standard approach to scheduling construction activities includes the following elements:

- Comprehensive project master schedules;
- Detailed phase schedules;
- 30 day look ahead scheduling (2 week look ahead schedule will be provided if requested).

We have found through our experience that this method of scheduling a project provides us with the best project control. These schedules will be developed to monitor the various construction activities, manpower and equipment requirements, materials procurement, submittals, and costs associated with activities.

**Adherence to City standards, procedures, and direction** is essential to ensure work quality and meet City schedules and expectations. KTA will perform our work in accordance with all applicable regulations to provide a safe working environment. KTA will conform to City of San Diego water, sewer, and storm drain design standards and guidelines.

Our standard **QA/QC** program is applied to all KTA projects to maintain the highest quality and accuracy of construction and deliverable products. Our QA/QC plan allows all team members to self-check their own work. We manage quality as a continuously improving process that aims to deliver excellence in every dimension of project execution. Additionally, we are committed to the successful delivering of a quality project on schedule and within budget. To this end, our QA/QC program will be designed to respond to specific project goals, objectives and requirements for each project.



## KNOWLEDGE AND UNDERSTANDING OF LOCAL “ENVIRONMENT” SECTION 2.7

Both KTA and Nasland have a long history of working in the City of San Diego (37 and 58 years respectively). Our past experience in working with the City on multiple projects provides a foundation for understanding the requirements for design, specifications, standard drawings, preservation of historical items, storm water pollution prevention, and working with communities who may have special needs regarding project starts, work days, work hours, etc.

### WORKING KNOWLEDGE OF CODES, REGULATIONS & POLICIES

Our project team members have a strong working knowledge with these design guidelines including:

- City Standard Specifications – (Greenbook and Supplemental Whitebook) - These have been used by our design team for several years on sewer, waterlines, recycled water pipelines, storm drains, pump stations and treatment facilities, pressure reducing stations and structures.
- City Standard Drawings – Our design team members are very competent with the City’s drafting standards and requirements.
- Approved Materials List (AML).
- The pledge of compliance.

Our project team is familiar with **The City of San Diego Department of Public Works (DPW) working procedures** such as submittal formats, review protocols, progress reports and formats. Our team members have made over multiple submittals to the City of San Diego Department of Public Works.

### LOCALLY EXPERIENCED PERSONNEL

KTA and Nasland have performed multiple major construction projects with City of San Diego. Through work with the City of San Diego, our project team members have **developed many successful working relationships with City staff in project related departments and divisions resulting in a high level of project success.**

### PROJECT SITE FAMILIARITY

As previously stated, KTA is a local construction contractor located in San Diego for the past 37 years. As a local firm, we are familiar with the City’s specifications, site conditions, government requirements, and regulatory mandates. All team members have worked on several City projects and most have served the San Diego community for over 20 years.

---

## STATEMENT OF QUALIFICATIONS FOR



## KNOWLEDGE AND UNDERSTANDING OF LOCAL “ENVIRONMENT” SECTION 2.7

KTA and our team members **know and have excellent working relationships and history with local regulatory agencies and other local service provider agencies.** KTA is very familiar with the protocol of handling hazardous materials, permitting requirement, Storm Water Pollution Prevention Plans, Disposition of Effluent from Dewatering

Procedures, and other related items conforming to the requirements of the Regional Water Quality Control Board, the Departments of the City of San Diego, and related governing agencies. Our project team has assisted in obtaining permits from the Regional Water Quality Control Board, Cal-OSHA, County Department of Environmental Health, Caltrans, and the Metropolitan Transit Development.

Additionally, KTA is very aware of environmentally sensitive areas, the use of biological monitors, BMPs, SWPP, revegetation, and maintenance for plant establishment.

---

### STATEMENT OF QUALIFICATIONS FOR



Developing a successful Design Build (D/B) team involves assembling a comprehensive group of individuals, each possessing the necessary experience, technical knowledge, and skills necessary to complete their assignments in an effective manner. Each team member must possess this experience and knowledge in order to quickly resolve design and construction issues. In addition, all team members must possess excellent communication skills to effectively work in partnership with each individual team member, City staff, public, and other parties involved throughout design and construction phases in the effort to minimize costs, accelerate schedules, and provide “total project success”.

KTA and Nasland both have excellent reputations performing on City of San Diego projects. Both have long term relationships with the City of San Diego Engineering and Inspection staff completing multiple projects over years of City of San Diego work.

If selected for the opportunity to perform on the MACC contract, I can personally assure the City they will receive the highest level of performance and work quality from both the contractor (KTA Construction, Inc.) and the designer (Nasland Engineering, Inc.).

Additionally, KTA has a long history of utilizing local subconsultants and subcontractors on our projects. KTA believes local firms are best suited to know the San Diego area and in our opinion are more responsive to the needs of San Diego projects.

**Key Personnel – Responsibilities and Time Commitments  
CONSTRUCTION TEAM**

**Project Manager – Mike Henderson**

KTA’s project manager for this project is Mike Henderson. Mike has been involved in the engineering and construction business in Southern California for over 45 years and over 37 years with KTA. He has managed over 100 successful City of San Diego construction projects primarily involving replacement and installation of piping and appurtenances. He has built the KTA team to having a complete working knowledge of City standards, regulations and requirements for projects such as the MACC project. The City is KTA’s largest client.

Mr. Henderson is recognized as an expert in the field of construction defects and as a result produces successful projects because of excellent planning and execution. Additionally, Mr. Henderson’s talents have been utilized as an expert for the City of San Diego on a Sewer/Water Group project, providing information to the City Attorney handling the case.

Mr. Henderson will be responsible for all work performed on this project. He will lead the Design, Construction, and Quality Assurance/Quality Control (QA/QC) Teams throughout the project duration. It will be his responsibility to ensure that all contractual requirements are strictly adhered to and a quality project is delivered to the City in a timely manner. Mr. Henderson will develop the project work plan and schedule that describes how the Project Team will complete the project on schedule, within the budget, and meet all City of San

---

**STATEMENT OF QUALIFICATIONS FOR**



Diego requirements. He will be the primary point of contact for the City and will oversee daily coordination of the project work.

**General Superintendent – Kenny Anderson**

Thirty-five years of experience with KTA in sewer, water, and storm drain construction as well as site grading, street and roadway construction, bridge construction, directional drilling, pipe lining, pipe bursting, sewer pump stations, pressure reducing stations, rock slope protection, dewatering, etc. During his 35 years of employment with KTA he has experienced nearly every discipline associated with infrastructure improvements working with both public and private entities.

**Assistant Superintendent – Dave Payne**

Twenty years of experience in sewer, water, and storm drain construction. Sixteen years as a project foreman, four years as a superintendent. Dave has completed multiple City of San Diego sewer, water, and storm drain projects including trunk sewer up to 42” in size, sewer pump stations, pressure reducing stations, water treatment plants, and trunk water lines up to 54” in size.

**Assistant Project Manager/Public Relations/Safety – Shawn Mione**

Shawn is an experienced project manager and estimator with sixteen years of experience in estimating, project management, and safety with City of San Diego sewer, water, and storm drain projects. Shawn has experience working with both public and private projects as large as \$29 million (Robertson’s Ranch) for McMillan Land Development and \$20 million (Job Order Contract P-13) for KTA Construction, Inc. Shawn is currently acting as project manager for KTA on the La Jolla Storm Drain Reconstruction Project working closely with the City of San Diego supervising engineer, Steve Lindsay in all aspects of coordination between the community, the City of San Diego, and the contractor (KTA).

**Assistant Project Manager/Estimating & QA/QC – Adam Ogden**

Adam has twelve years of experience in project management, estimating, and QA/QC on City of San Diego projects including sewer, water, storm drain, utility undergrounding, concrete street panel replacement, sidewalk removal and replacement, and concrete structures (ramps, inlets, RCBC). Adam, Shawn, Dave, and Kenny all work closely together to schedule and coordinate multiple projects at the same time. Adam is excellent at quality assurance, providing the correct subconsultants, and subcontractors for any given situation.

**Office Manager – Brin Ragsdale**

Brin is the office manager for KTA, managing a variety of activities including providing insurance certificates, OSHA notices, arranging for utility mark out, review and prepare bid and contract documents, project start procedures, assists with the KTA safety program and implementation, assists with payroll reports, accounts payable, and account receivable. Brin basically insures the office provides support to all of the KTA field activities.

---

**STATEMENT OF QUALIFICATIONS FOR**



**Project Foremen –**

KTA currently has seven field foremen. All have extensive experience (10-30 years) in the daily operation of sewer, water, storm drain, and related construction projects. All are fully equipped with crew trucks, all required tools, and equipment as well as service vehicles, mechanics, subconsultants, project managers, and superintendents to provide total project success.

**DESIGN TEAM**

**Design Manager – Larry Thornburgh, PE, PLS.**

Larry will be the design principal in-charge and design manager. He will be responsible for all design contractual matters, design project budget, and design schedule. Larry has over twenty-eight years of experience in water and wastewater engineering. Larry will coordinate all aspects of the projects with all government agencies from initial conceptual design through final design and construction. His experience includes water and wastewater systems, utility design, traffic and transportation engineering, site design, and storm drainage design as well as the management and coordination of multi-faceted projects.

**Project Manager – Greg Kump, PE, QSD/QSP, QA/QC, SWPP Compliance**

Greg has over seventeen years of successful experience committed to the field of construction management for wastewater and water conveyance and treatment systems, storm drains, hydraulic design and streets and roads. He also has expertise in cost estimating, detention design, master planning, hydrologic design, floodplain management, erosion control design, and local, state, and federal permitting.

**Project Engineer – Jarrett Linn, PE.**

Jarrett has over 6 years of experience that includes the design of water and sewer, transportation, and traffic projects. In addition, he oversees the preparation of submittal packages for improvement plans, grading plans, and building plans. Additionally, Jarrett is currently involved in the design of the “Old Otay Mesa Road” project for the City of San Diego.

---

**STATEMENT OF QUALIFICATIONS FOR**



**KEY PERSONNEL AND TIME COMMITMENT**  
*Team Members & Time Commitment*

<b>TEAM MEMBER</b>	<b>ROLE</b>	<b>DUTY</b>	<b>COMMITMENT</b>
<b>KTA Construction</b>			
Mike Henderson	Project Manager	From NTP - throughout project	10% Design - 50% Construction
Kenny Anderson	Project Superintendent	From NTP - throughout project	10% Design - 90% Construction
Dave Payne	Assistant Superintendent	Daily supervising construction	5% Design - 90% Construction
Shawn Mione	Safety Engineer/ Public Relations	Daily supervising safety/ Public relations	90% Construction – 5% Design
Adam Ogden	Estimating QA/QC	As-needed – estimating and job costing Daily – QA/QC	90% Construction - 10% Design
<b>Nasland Engineering</b>			
Larry Thornburgh	Design Manager	From NTP - throughout design – support during construction	40% Design - 10% Construction
Greg Kump	Project Manager QA/QC	From NTP - throughout design – Eng. support during construction	70% Design - 10% Construction
Jarrett Linn	Project Engineer	From NTP - throughout design – Eng. support during construction	70% Design - 10% Construction

**A. PLAN TO PERFORM THE WORK ON SCHEDULE**

KTA has developed a management approach that integrates design and construction staff as a single team. This integration is the central component of our approach. KTA believes that through the design-build approach, there is greater ability to control and lower project costs as well as accelerate the overall project schedule. KTA’s partnering approach with design and construction staff helps the City of San Diego achieve this benefit. KTA’s management approach consists of working in partnership with City staff under similar project goals and interests. These goals and interests include achieving a completed project that operates to the satisfaction of City O&M staff, satisfies stakeholders/users of the completed project and meets the project schedule established by the City and supported by the Design-Build team. Integration of the design and construction teams is key to project efficiency.

The design staff ensures that all City of San Diego design goals, guidelines and

**STATEMENT OF QUALIFICATIONS FOR**



performance standards are met. Construction team members will be involved in the design process providing input to make the design more efficient and constructible. They will also work along with the design team determining suitable construction materials and suggest modifications to make the design more compatible with the construction methods. Through their participation in the design, the construction team will know and understand the details of the design and can coordinate items such as early scheduling procurement of materials, equipment, labor, construction easements, providing appropriate shop drawings and submittals, and arrange construction staging and storage areas, thereby saving construction time and expense.

The design team will also be involved with the construction phase. The design team will know, on a day-to-day basis, the progress made by the construction team. This knowledge will allow the design team to assess any problems or changed conditions and develop solutions with minimal delay. Requests for information from the construction team will be provided and responded too in a timely manner.

Kenny Anderson and Dave Payne will oversee construction. They have extensive experience installing sewer, water, and storm drain pipelines. The company is very experienced with City projects and the task of assigning work to individuals within their area of expertise. Kenny and Dave continuously receive satisfactory and above satisfactory evaluation reports, as well as unsolicited letters of appreciation from project residents on City of San Diego projects. Assigned staff will cover all necessary disciplines during the design and construction phases including but not limited to civil, environmental, traffic control, and geotechnical.

Resumes and organization chart for all key personnel are attached in “Appendix A”.

### 2.9.1 Work Force Report

KTA's work force report is included as an attachment after this section in Appendix "B". KTA persistently remains committed to equal opportunity employment and contracting. Our current work force reflects our success and dedication in providing equal employment opportunities without regard to race, color, religion, natural ancestry, sex, marital status, or any other character protected by state or federal law.

### 2.9.2 Equal Opportunity Assurances

#### 1. Actions to Ensure Equal Opportunity

KTA's methods for attracting and hiring staff are described below:

- **Recruitment and hiring:** To ensure equal opportunity in our employment, KTA's recruitment and hiring is performed in the following way:
  - Participate in career days and interviews candidates at career fairs (including: Honor a Hero Hire a Vet Job and Resource Fair, (SLBE/ELBE) firms "Meet & Greet" sponsored by the City of San Diego and the AGC, 2016 Design & Construction Networking Expo, and the City of San Diego Small Local Business Program Good Faith Efforts Focus Group).
  - Place advertisements in professional journals, The Union Tribune, on Craigslist (a classified advertisement website with sections devoted to jobs and resumes from potential candidates within our community), and in the AGC Good Faith advertising report.
  - Through other employees and walk-in applicants
  - Through the AGC Apprenticeship Program

An important goal to KTA, for all recruitment interviews, is to provide equal employment opportunity to qualified candidates. This practice will continue through the MACC contract and beyond.

- **Training and Promotions:** KTA always considers training of employees as an important part of our employee's development of our company and community. Schooling in-house and outside the company allows the employee to gain additional knowledge to complete their current and future goals. For example, KTA recently offered two classes for CPR training and made it available to all employees wanting to be CPR certified. Additionally, KTA often offers various classes like "Confined Space Training", "Competent Person", etc. and sends employees to specialty classes like Traffic Control Design, Seminars. KTA and our team members have provided incentives to employees for attending colleges and universities, and hiring student interns for training. KTA also utilizes the

---

#### STATEMENT OF QUALIFICATIONS FOR





AGC apprenticeship training program to train employees.

KTA acknowledges the City’s mandatory subcontract participation of which a yet to be determined percentage shall be SLBE/ELBE subcontractors, suppliers, and subconsultants. However, it is our commitment to the City that we will meet or exceed the required goal, 100% of the time on the MACC projects. **(KTA has met or exceeded the mandatory participation levels on all of our City of San Diego projects to date. Ensuring we were not relying on a good faith effort to meet our participation levels.)**

**2. Proposers Strategies for Diverse Project Workforce**

For each task in this contract, KTA will a list of available work on the project and solicit to all SLBE/ELBE/MBE/WBE/DBE/DVBE/OBE subcontractors and suppliers, which can be contracted to for improving the qualifications and team performance. KTA uses Caltrans and the City’s approved SLBE/ELBE list of subcontractors, suppliers, consultants, and other entities to identify the available subcontractors, suppliers, and subconsultants. KTA’s general plan is to meet or exceed the commitment to meet the City’s EOCP goals and achieve the mandatory subcontracting participation levels to be set for each task.

**3. Design Builders Community Activities**

KTA and our team have recently volunteered time and resources to our community through several meaningful activities. Some community activities include:

- a) Supporting the statewide apprentice program through contributions to the Associated General Contractors (AGC) statewide apprenticeship training fund.
- b) Regularly donate to charities, such as Father Joe’s/St. Vincent DePaul (which fund services for the homeless in the local area), American Red Cross, American Veterans (Am-Vets), etc.
- c) Making donations and purchasing from The Salvation Army, AmVets, and other non-profit organizations. Our company, employees, and team often donate clothing, shoes, furniture, collectibles, household goods, and other beneficial items to these charities and make purchases in their stores to support their ongoing activities.
- d) Help our future workforce by providing financial assistance to SDSU, Granite Hills High School, and Christian High School students that also work part-time at KTA.
- e) We have volunteered time and resources to numerous religious charities. For example, KTA has donated \$6,600.00 to Greater Life Baptist Church. We also donated material, labor, and equipment to help in the development of the Greater Life Baptist Church community center in the Emerald Hill community.
- f) Company employees voluntarily donate blood at the annual AGC Blood Drive.
- g) Make monetary donations to the Christian Unified School District.

---

**STATEMENT OF QUALIFICATIONS FOR**



## EQUAL EMPLOYMENT AND CONTRACTING OPPORTUNITY SECTION 2.9

- h) Mentor ELBE firms on their business start-up. KTA has provided mentoring assistance to two ELBE firms certified by the City (T.L Scanlan Construction Services and YBS Concrete, Inc.)
- i) Offer assistance with bonding, insurance, and financial support to ELBE/SLBE firms, bidding on City projects.

KTA and its team participate in many local organizations, associations, scholarship programs, mentoring, apprenticeships, internships, community projects, charitable contributions, and many other rewarding activities.

### 2.9.3 Subcontractor Documentation

**2.9.3.1** (See Appendix D for the KTA Equal Opportunity Plan)

#### 2.9.3.2 Past Participation Levels

Listings of subcontractor and supplier past participation levels on each project listed in response to section 2.5 is attached in Appendix D.

### 2.9.4 Non-Discrimination in Contracting

**2.9.4.1** The design-build team of KTA Construction, Inc. and Nasland Engineering, Inc. agree to comply with this section of the RFQ.

### 2.9.5 Disclosure of Discrimination Complaints

**2.9.5.1** Throughout KTA's history there has never been a complaint filed against the company for employee discrimination.

I hereby confirm that there have never been any complaints filed against KTA Construction, Inc. for discrimination.



Mike Henderson  
President, KTA Construction, Inc.

---

## STATEMENT OF QUALIFICATIONS FOR



## CHANGE ORDER AND LITIGATION HISTORY SECTION 2.10

2.10.1 Change Order History:  
(See the attached spreadsheet)

1.6.8 Financial Information and Arrangements  
KTA is currently pre-qualified with the City of San Diego and our bond company for bidding capacity of \$30 million per projects. (See attached City pre-qualification and bond company letters in Appendix E)

2.10.2 Litigation History:  
KTA has no current or pending litigation as noted below.

2.10.2.1	Civil or Criminal Violations of OSHA	None
2.10.2.2	Civil or Criminal Violations of Contractor State License Law	None
2.10.2.3	Convictions of Submitting False or Fraudulent Claim to the City	None
2.10.2.4	Civil or Criminal Violation of Federal or State Laws Governing Payment of Wages, Benefits, etc.	None
2.10.2.5	Civil or Criminal Violations of Federal or State Law Governing Equal Opportunity Employment, Contracting, or Subcontracting	None
2.10.2.6	Instances Where Surety Company Finished the Work or Made Payments to Subcontractors	None

---

### STATEMENT OF QUALIFICATIONS FOR



Change Order History						
Name of Project	Completion Date	Original Contract Value	Total CO Amounts	Change Order Percent	Non-Owner Initiated CO Percent	Explanation of Change Order Activity
E St. Alley Sewer Main Replacement	4/9/2014	\$298,703.91	-\$11,632.01	-3.89%	0.00%	KTA value engineered the project.
Swan Street Sewer Replacement	4/18/2014	\$83,129.00	-\$13,177.89	-15.85%	0.00%	Reduction in scope of work.
Water Group 914	2/2/2015	\$4,100,000.00	-\$259,099.32	-6.32%	0.00%	Total field order allowance was not needed.
Water Group 928	2/2/2015	\$1,873,642.00	\$341,098.25	18.21%	0.00%	Increase in scope of work.
Ted Williams Parkway Pedestrian Overcrossing At Shoal Creek Drive	3/13/2015	\$2,489,075.00	\$500,983.18	20.13%	0.00%	Increase in scope of work.
Norma Drive Storm Drain Improvements	4/10/2015	\$281,702.00	-\$26,331.55	-9.35%	0.00%	Total field order allowance was not needed.
Water Group 944	7/17/2015	\$2,668,624.90	-\$228,184.72	-8.55%	0.00%	Reduction in scope of work.
Manhasset Drive Storm Drain Upgrade	7/17/2015	\$142,618.00	-\$25,955.62	-18.20%	0.00%	KTA value engineered the project.
Water Group 943	7/17/2015	\$600,010.25	-\$46,164.02	-7.69%	0.00%	Reduction in scope of work.
El Camino Del Teatro Storm Drain Project	10/9/2015	\$343,815.00	-\$23,974.64	-6.97%	0.00%	Total field order allowance was not needed.
Sewer and Water Group 3016	12/30/2015	\$4,319,513.27	\$139,846.26	3.24%	0.00%	Increase in scope of work.
Rancho Santa Fe Farms Road Water Main Replacement	12/30/2015	\$223,123.00	-\$18,430.00	-8.26%	0.00%	Total field order allowance was not needed.
Otay Valley Manhole Improvements Phase 1	12/16/2016	\$2,178,883.00	\$187,261.00	8.59%	0.00%	Increase in scope of work.
Otay Valley Manhole Improvements Phase 2	12/16/2016	\$1,709,833.00	\$158,774.51	9.29%	0.00%	Increase in scope of work.
AC Water Group Job 1006 and Storm Drain Group Job 1006	2/8/2017	\$2,722,017.60	-\$13,478.62	-0.50%	0.00%	Reduction in scope of work.
Water Group 787	3/3/2017	\$986,739.00	\$272,571.20	27.62%	0.00%	Increase in scope of work.

# APPENDIX A

## Key Team Member Resumes

---

STATEMENT OF QUALIFICATIONS FOR



**Mike Henderson**  
 821 Tavern Rd.  
 Alpine, CA 91901  
*President, KTA Construction Inc.*

Experience	37 years
Education:	Graduated Hoover High School 1962 San Diego City College (Pre-engineering) 1962-1964
Certifications:	I have attended multiple seminar & certification classes/meetings including the following: Competent Person OSHA Safety Training Heat Illness Prevention Training CPR/First Aid Construction Management Storm Water Pollution Prevention Labor Compliance Sexual Harassment Design Build Seminar
Associations:	Associated General Contractors of America (AGC)
Licenses	State of California General Engineering "A" and General Building "B" license

**EXPERIENCE**

**1964 – 1968 State of California, Department of Transportation (Cal-Trans)**

1964-1967 Three years as Civil Engineering Aid in construction surveys and construction material testing. This included all survey layout for new freeway construction, including water, storm drain, bridges, curbs, walks, channels (earth and concrete), rock slope protection, mass grading, finish grading, and paving. Material testing included the following tests required to monitor specification compliance and quality control in the construction of freeway projects.

1967-1968 Two years as an Engineering Technician working as a construction inspector on sewer, water, storm drain installations, concrete forming and pouring (including rebar placement) for concrete structures, subgrade preparation, base material installation, cement-treated base installation, asphalt paving, concrete paving, concrete curbs and walks, and miscellaneous asphalt paving. Inspection work required performing or reviewing the results of all field and laboratory tests required to assure compliance with project specification.

**1968 – 1969 E.L. Yeager Construction Company, Inc., Riverside, CA**

E.L. Yeager Construction Company Inc. was a General Engineering Construction Company that primarily did highway and related concrete structure work.

1968-1696 PROJECT ENGINEER. For E.L. Yeager Construction Inc. on a portion of State Route 15 highway between Baker, CA and Nevada State Line. This project was a forty mile (40) long widening including bridges, culverts, guardrails, signage and lighting. The project was particularly difficult do to the length of the project and the variable weather conditions between the desert and the mountains. Responsibilities on the project included quantity takeoffs for all structures, culverts, base and paving. Meeting with Resident Engineer, Assistant Resident Engineer and Project Superintendent on all issues regarding schedule, change orders and miscellaneous project items. Review and finalize all contract change orders, review and update the project schedule, and prepare project cost reports.

**1968-1968 Matich, Maxwell and Dennis Construction, Colton, California**

PROJECT ENGINEER. Responsibilities on this project included quantity takeoffs for all base, paving and concrete aggregates produced by V.R. Dennis Construction, at a portable crushing plant, for use on the project. All testing of aggregate to ensure that it complied to project requirements. Meeting with Resident Engineer, Assistant Resident Engineer and Project Superintendent on all issues regarding schedule, change orders, and miscellaneous project items. Review all change orders involving base, paving and concrete items. Prepare production and cost reports for base, paving and concrete aggregate.

**1969 – 1979 Daley Corporation, San Diego, California**

Daley Corporation is a General Engineering Construction Company that specializes in freeway, highway and concrete structure construction, as well as residential and commercial site development.

1977-1979 PROJECT MANAGER. Responsibilities included combining the aspects of the Project Engineer with the Project Foreman and Superintendent, to control day-to-day activities and job costs on public and private projects. This included negotiating contracts, subcontracts, contract change orders, and scheduling of labor, equipment and material.

1970-1979 PROJECT ESTIMATOR. Responsibilities included the preparation of bids for numerous City, County and State (CalTrans), Airport and Railroad projects, as well as private residential and commercial site developments. Bid preparations included all quantity take offs and costing of site clearing, demolition, grading, sewer, water, storm drain, concrete drainage structures, bridges, asphalt and concrete paving, fencing, guardrail, signage, lighting and landscaping

1969-1970 PROJECT ENGINEERING. Responsible for daily activities of construction field offices the various projects sites, including cost reporting, subcontracts, contract change orders, scheduling and ordering of all project material.

**1979- Present KTA Construction, Inc., Alpine, CA**

President, KTA Construction, Inc. (KTA) is a General Engineering construction Company specializing in site grading, sewer, water, storm drain, subdrains, concrete and masonry structures, subgrade preparation, asphalt and concrete paving. KTA bids both public and private developments in Southern California and has been involved as prime and subcontractor on numerous major projects. As president of KTA I am involved in day-to-day activities of the company, including quantity take offs, cost estimating, review and negotiation of contracts, subcontracts and contract change orders, equipment and crew assignments, equipment maintenance, cost reports, employee benefits and insurance (workers' compensation, automobile, liability and health insurance).

KTA has completed hundreds of millions of dollars in general engineering construction projects for both public and private developments in the San Diego, Riverside and Imperial county areas. During this time KTA has developed excellent working relationships with public agencies, private developers, suppliers and subcontractors which has resulted in a continuous source of bidding opportunities providing KTA the opportunity to be somewhat selective in the projects we bid as well as allowing KTA to better control our growth.

**Major Projects:**

<b>Project:</b>	<b>Location:</b>	<b>Project:</b>	<b>Location:</b>
Olympic Training Center	Chula Vista, CA	Mission Hills High School	San Marcos, CA
Carmel Mountain Plaza Shopping Center	San Diego, CA	Cathedral High School	Del Mar, CA
Del Mar Highlands Shopping Center	Del Mar, CA	Palomar Forum	Carlsbad, CA
Murrieta Gateway Shopping Center	Murrieta, CA	Vista Sports Park	Vista, CA
Carlsbad Research Center	Carlsbad, CA	Sea World Dolphin Pool	San Diego, CA
Rancho San Diego Shopping Center	El Cajon, CA	San Diego Wild Animal Park	Escondido, CA
Allred/Collins Business Park	San Diego, CA	Sea World Shipwreck	San Diego, CA
Mira Mesa Market Shopping Center	San Diego, CA	Sewer Group 718 (City of San Diego)	San Diego, CA
Siempre Viva Business Park	San Diego, CA	General Requirement Contract (City of San Diego)	San Diego, CA
Britannia Industrial Park	San Diego, CA	El Camino Del Tiatro sewer replacement (City of San Diego)	San Diego, CA
Old Grove Shopping Center	Oceanside, CA	Rams Hill Country Club	Borrego, CA
Campus Market Place Shopping Center	San Marcos, CA	Carlsbad Ranch Resort	Carlsbad, CA
Fenton Carroll Canyon Tech. Center	San Diego, CA	Sewer Group 718 (City of San Diego)	San Diego, CA
Biosite Corporate Facility	San Diego, CA	Water Group 3001 (City of San Diego)	San Diego, CA
Fenton Carroll Canyon Tech. Center	San Diego, CA	Water Group 549 (City of San Diego)	San Diego, CA
Fed-Ex Distribution Center	San Diego, CA	Sewer & Water Group 689 (City of San Diego)	San Diego, CA
Old Grove Shopping Center	Oceanside, CA	Water Group 3001 (City of San Diego)	San Diego, CA
Rams Hill Country Club	Borrego, CA	JOC P13 (City of San Diego)	San Diego, CA
Carlsbad Ranch Resort	Carlsbad, CA	JOC P15 (City of San Diego)	San Diego, CA
Four Seasons Resort	Carlsbad, CA		
Sleep Train/Coors Amphitheater	Chula Vista, CA		
Mount Soledad Emergency Repair	San Diego, CA		
La Jolla Storm Drain Reconstructions	San Diego, CA		



## Kenny Anderson General Superintendent

Experience	35 years
Education:	SDSU – 2 years business administration Mesa College – 1 year construction management Kearny High School – Graduated 1979
Certifications:	Seminars/Certification – Osha Safety, Construction Estimating, Confined Space Entry, First Aid/CPR, Heat Illness Safety Training, Cast-in-place Pipe Lining, Storm Water Pollution Prevention,
Associations:	Associated General Contractors of America (AGC)

### SUMMARY

Kenny Anderson has 35+ years experience in General Engineering Construction including site clearing, grading, installation of sewer, water, storm drain concrete structures (box culverts, curb inlets, headwalls, pump stations, pressure reducing stations, concrete streets, curbs, sidewalks, driveways, etc.)

Kenny has also been involved in the construction of a bridge that was awarded an APWA project of the year honor in 2014. This was a Cal-Trans funded City of San Diego bridge that was twelve (12) years in the Design/Funding process and included the City of San Diego Mayor and District Councilman as well as the State Assemblyman in the Dedication/Ribbon cutting ceremony.

### EXPERIENCE

Kenny also produces all project construction schedules, reviews subcontracts, change orders, safety reports, hires and trains all new field employees, reviews maintenance and repairs on over 100 ea. pieces of construction equipment, directing 2 ea. KTA mechanics and service trucks to complete repairs.

Kenny has acted as General Superintendent for KTA Construction Inc. on virtually hundreds of millions of dollars of public and private construction projects ranging from subdivisions, to schools, shopping centers, State and Federal buildings, industrial complexes, resort complexes, public streets, replacement and installation of existing and new sewer, water, storm drain, concrete structures, etc.

### SOME MAJOR PROJECTS INCLUDE:

- Water & Sewer Group 689 San Diego, CA
- Utilities Block 2E San Diego, CA
- Water Group 549 San Diego, CA
- Water Group 3001 (726 & 668) San Diego, CA
- Mt. Soledad Sewer & Emergency Water Repair La Jolla, CA
- 4<sup>th</sup> Ave. Accelerated Waterline Repair San Diego, CA
- El Camino Del Tiatro Sewer Replacement San Diego, CA
- Sewer Group 718 San Diego, CA
- City of San Diego JOC/GRC (5 ea.) San Diego, CA
- Mission Hills High School San Diego, CA
- San Elijo Middle School San Marcos, CA
- San Elijo Elementary School San Marcos, CA
- Cathedral High School San Diego, CA
- San Diego School Sports Facility San Diego, CA
- Mira Mesa Market Center San Diego, CA
- Carlsbad Spectrum Carlsbad, CA
- Carmel Mountain Plaza Shopping Center San Diego, CA
- Del Mar Highlands Shopping Center Del Mar, CA
- Murrieta Gateway Shopping Center Murrieta, CA
- Rancho San Diego Shopping Center El Cajon, CA
- Federal Courthouse El Centro, CA
- Ted Williams Parkway Pedestrian Overcrossing (Bridge) San Diego, CA
- Fed Ex – Otay Mesa San Diego, CA
- Alfred/Collins Business Park San Diego, CA
- Sea World Dolphin Pool San Diego, CA
- Sea World Shipwreck San Diego, CA
- Carlsbad Research Center Carlsbad, CA
- Four Seasons Resort (Avaira) Carlsbad, CA
- Coors/Sleep Train Amphitheater Chula Vista, CA

## Dave Payne

### Professional Experience

#### **TC CONSTRUCTION**

**1997-2010**

Laborer to Production Foreman

*Projects included:*

24" to 54" Waterline retrofit

42" Trunk sewer, City of San Diego

Water treatment plan, City of Chula Vista

2 each Sewer Pump Stations for the City of San Diego

Sewer Pump Station, City of Chula Vista

Sewer Pump Station, City of Brawley

Sewer Pump Station, Olivehin Water District

Sewer, Water and Storm drain for 1400 homes in 4S Ranch

7 year long sewer, water & storm drain residential project at Black Mountain

#### **BASILE CONSTRUCTION**

**2010-2012**

Production Foreman

*Projects included:*

21" Palmorado Trunk Sewer for City of San Diego

#### **KTA CONSTRUCTION, INC.**

**1012-2013**

Production Foreman

#### **DIVERSIFIED LANDSCAPE**

**2013-2014**

Superintendent

*Projects included:*

\$7,000,000 Landscape irrigation project for Cal Trans in Santa Clarita, CA

#### **KTA CONSTRUCTION, INC.**

**2014-Present**

Superintendent

*Projects included:*

Water Group 1006, City of San Diego (\$2.7 Million)

Water Group 914, City of San Diego (\$3.9 Million)

Water Group 944, City of San Diego (\$2.6 Million)

Water Group 943, City of San Diego (\$583,000)

Rancho Santa Fe Water, City of San Diego (\$205,000)

Sewer & Water Group 930, City of San Diego (\$3.9 Million)

Sewer & Water Group 787 (\$5.3 Million)

AH-1 Sewer Lateral Rehab, City of San Diego (\$7.4 Million)

Otay Sewer Manhole Rehab (\$4.5 Million)

Princess View Storm Drain, City of San Diego (\$2.2 Million)

### Education

Graduated High School 1987 from Porterville, CA

Army 1987-1997

Army Reserves 1997-2010

### Education/Certifications

- Asbestos Pipe Training
- Contract Change Order Claims
- Storm Water Pollution Prevention Program
- First Aid & CPR Certified
- Heat Illness Safety and Prevention
- Competent Person
- OSHA Safety Training
- Underground Service Alert Safety Trained

# Adam Ogden

---

## SUMMARY

---

Over 11 years of estimating and project managing experience in all aspects of construction relating to infrastructure.

---

## EXPERIENCE

---

### Estimator/Project Manager

May 2005 – Present

#### *KTA Construction, Inc.*

- Primary responsibilities include estimating and project managing work contracted by The City of San Diego including Design Build (DB), Design Bid Build (DBB), Job Order Contracts (JOC), and General Requirements Contracts (GRC).
  - **\$20 Million Job Order Contract (JOC) P15 Right of Way Pipeline for Capital Improvement Projects, City of San Diego**
    - Includes detailed repair and construction tasks. The work will involve repair, alteration, modernization, maintenance, rehabilitation, reconstruction, and construction of the City's infrastructure.
  - **\$20 Million Job Order Contract (JOC) P13 Right of Way Pipeline for Capital Improvement Projects, City of San Diego**
    - Has included miscellaneous tasks upgrading the City's infrastructure. Projects have included, rehabilitation of existing sewer mains and manholes, replacement of existing sewer main, drainage systems, and water mains, and Resurfacing of City streets.
  - **\$7.4 Million Pipeline Rehabilitation AH-1 and AH-1B (JOC P13), City of San Diego**
    - Requires rehabilitation of over 8 miles of existing sewer mains and laterals, rehabilitation of existing manholes, installation of new manholes, laterals, cleanouts, and point repairs, and street resurfacing.
  - **\$4.5 Million Otay Valley Manhole Imps. – Phase 1 & 2 (JOC P13), City of San Diego**
    - Includes rehabilitating existing manholes along a 27" trunk sewer main (some within Chula Vista and MTS right-of-way), including bypassing of the existing trunk sewer with (2 each) 12" pumps in various locations of up to 1 mile long.
  - **\$491,508 Sewer and AC Water Main at Zoo Dr (JOC P13), City of San Diego**
    - Includes replacement of sewer and AC water mains along the Centennial Walkway at the San Diego Zoo
  - **\$2.6 Million Water Group 944 (JOC P13), City of San Diego**
    - Consist of replacement of existing 12" and 16" water main along El Cajon Blvd. and Oregon St., including providing temporary highlining to the community, performing Cut & Plugs and Reconnects, and trenchless water services across El Cajon Blvd.
  - **\$468,130 Murphy Canyon Trunk Sewer Joint Repair (GRC), City of San Diego**
    - Included rehabilitating existing 36" trunk sewer within existing storm drain channel running along I-15, requiring a 24 hour dewatering operation of the existing 40' wide channel, as well as bypassing the existing sewage with (4 each) 8" pumps continuously during cleaning, CCTV, rehabilitation of main and manholes.
  - **\$445,601 Palm Avenue Meter Vault Imp. Project (GRC), City of San Diego**
    - Required Replacement of existing 12" flow meters, 8" pressure reducing valve, cathodic protection, and electrical.
  - **Other recent City of San Diego projects include:**
    - \$1.7 Million 3 other various JOC tasks (not mentioned above)
    - \$1.2 Million 5 other various GRC tasks (not mention above)
    - \$4 Million Pipeline Rehabilitation L-1 (DBB)
    - \$3.8 Million Water Group 924 (DB)
- Other responsibilities include working directly with the City's Project Managers and Contract Specialist to develop bid schedules and estimates for all JOC/GRC task issued from plans ranging in the 20% - 100% design phase.
- Regularly attend City Quarterly meetings and Technical Meetings to stay up to date on City changes and improvements and educate employees on the Cities advancements.

#### *Sheldon Site Utilities, Inc.*

- Estimated and project managed various private and public projects including BEQ Project 1 for Camp Pendleton. This project included a prefabricated sewer lift station 20+ feet deep with a 14" fusion welded HDPE sewer force main in existing streets for future BEQ's within the military base.

**TC Construction Company, Inc.**

- Estimated and managed multiple projects within the Inland Empire encompassing all of Riverside and San Bernardino County.

---

**AWARDS AND ACHIEVMENTS**

- Received a Certificate of Completion in AGC Project Management Certificate Course 2007-1
- Received a Certificate of Completion in AGC Design Build Process Seminar

---

**COMPUTER KNOWLEDGE**

- Expert in Microsoft office, including Word, Excel, and Power Point
- Proficient in HCSS Heavy Bid Estimating software
- Experienced with American Contractor Project Management software
- Knowledge of Adobe Acrobat and Microsoft Project

---

**EDUCATION**

**San Diego State University**

May 2005

- *B.A. in Mathematics*

# Shawn Mione

821 Tavern Road – Alpine, CA 91901 – [Shawn@ktaconstruction.com](mailto:Shawn@ktaconstruction.com) – (619) 562-9464

## COMPUTER SOFTWARE

- Microsoft Project • Agtek Earthwork • Timberline

## PROFESSIONAL EXPERIENCE

KTA Construction Inc.

6/98 - 2/06 and 10/08 - Present

**Estimator / Project Manager**

Underground water, sewer and storm drain estimating and project management duties including project take offs and bidding on jobs ranging from \$100,000.00 (private) - \$20,000,000.00 (municipal).

- Quantity takeoffs and material sourcing for bid preparation.
- Review bid proposals with clients.
- Negotiate project change orders.
- Obtain permits and work closely with city inspectors and other government agencies.
- Project buy out and billing review.
- Finalize paperwork and project close out.

McMillin Land Development

2/06 - 10/08

**Estimator / Project Manager**

**Performed complete project management duties from preliminary budget review thru project completion and jurisdictional acceptance on private and public/private land development projects up to \$29,000,000.00.**

- Plan and specification review on engineering submittals to identify possible cost savings thru value engineering or design changes.
- Quantity takeoffs to establish project budgets.
- Draft, distribute and manage subcontractor bids through award and project completion.
- Negotiate project change orders.
- Monthly invoicing review, input and budget maintenance to keep cash follows current with project finance.
- Liaison with field superintendent and city inspectors.

## PAST PROJECTS

Robertson's Ranch East Village	304 lot subdivision – Carlsbad, CA	\$29,000,000.00
City of San Diego JOC	Multiple pipeline replacement projects	\$20,000,000.00
Carlsbad Palomar Forum	Business park – wet utilities to 54"	\$2,000,000.00
Sewer Group 718	Sewer main replacement – Ocean Beach, CA	\$2,000,000.00
Cannon Road/College Blvd	Widening of existing roads – Carlsbad, CA	\$5,500,000.00
City of San Diego G.R.C.	Various projects - up to 72" storm drain	\$4,500,000.00
Sewer Group 902	Trenchless Sewer Rehab – La Jolla, CA	\$1,000,000.00

## BRIN RAGSDALE

### EXPIERENCE

#### **KTA CONSTRUCTION INC.**

##### OFFICE MANAGER (2012-CURRENT)

Directly assist owners, manage DOT program, Tax and financial reports, Insurance (G.L. ,Auto, Workers Compensation, Health, claims), Preliminary Liens, prepare bid documents, Job Start up procedures (Osha Notifications, USA/markouts, contracts, escrow agreements), assist with accounts payable, HR , Payroll and Safety program implementation, proficient in most computer programs (Microsoft Outlook/Word/Excel/Power Point/Access, American Contractor, PRISM, LCP Certified, Web-Te Lite (USA/Markouts), as well as receptionist duties (below).

- Notary Public (Commissioned until April 29, 2019)
- OSHA 300 Log Recordkeeping Certificate
- Underground Service Alert Safety Awareness Trained
- Sexual Harassment Trained

#### **KTA CONSTRUCTION INC.**

##### OFFICE ASSISTANT/RECEPTIONIST (2006-2012)

Duties include: Dispatch, material ordering/tracking, markouts new & updating, shipping/mailling, office supplies, preparing letters/emails/receipts, filing, travel and out of town job arrangements, maintain: job files, estimate files, printers/faxes/copiers, company lists (employee, equipment, phone, work order, material, pricing, etc).

---

#### **RECEPTIONIST**

#### **SCHMID BUILDING PRODUCTS**

**SAN DIEGO, CA**

2005-2006

Developed Excellent front desk skills including phone management, mailing/shipping, bids/proposals, new hires, company reports, machine maintenance, etc.

- Excellent Computer skills (Microsoft Word, Excel, Access, Outlook,)

#### **OFFICE ASSISTANT**

#### **FUSCOE ENGINEERING**

**SAN DIEGO, CA**

2005-2006

Developed Excellent front desk skills including phone management, mailing/shipping, bids/proposals, new hires, company reports, machine maintenance, etc.

- Excellent Computer skills (Microsoft Word, Excel, Access, Outlook,)

**SR. SALES REPRESENTATIVE                      FESTIVITIES INC.                      SAN DIEGO, CA**  
**2001-2005**  
 Developed customer service skills.  
 Duties included registration, food preparation, problem solving, game attendant, event planning, area organization, event set up/take down, etc.

<b>EDUCATION</b>	<b>2001-2005</b>	<b>SANTANA HIGH SCHOOL</b>	<b>SANTEE, CA</b>
		<ul style="list-style-type: none"> <li>- All required College Prep and some Honors Classes</li> <li>- ROP Certification in Business/Computers</li> <li>- ROP Certification in Child Development</li> </ul>	
	<b>2007</b>	<b>NATIONAL NOTARY ASSOCIATION</b>	<b>SAN DIEGO, CA</b>
		<ul style="list-style-type: none"> <li>- Notary Public, State of California (Commission Expires April 29, 2019)</li> </ul>	
	<b>2013 &amp; 2015</b>	<b>ASSOCIATED GENERAL CONTRACTORS</b>	<b>SAN DIEGO, CA</b>
		<ul style="list-style-type: none"> <li>- Certified Payroll and Labor Compliance Training</li> </ul>	



# LARRY THORNBURGH, PE, PLS

## SENIOR PROJECT MANAGER



### Education

B.S. Structural Engineering, 1989,  
University of California, San Diego

### Professional Registrations

Civil Engineer, 49795, California, 1992  
Professional Land Surveyor, 7298, California, 1996

### Professional Organizations

ACEC of California  
American Public Works Association (APWA)  
American Society of Civil Engineers (ASCE)  
Society of American Military Engineers (SAME)

### Years of Experience

28 years

### Percent of Time Involved in MACC Contract

10%



### Summary of Experience

Larry oversees design of municipal projects including urban & rural road improvements, stormwater, sanitary sewer, and water main extensions. Larry coordinates all aspects of projects with local government agencies from initial conceptual design through final design and construction. His experience includes water and wastewater systems, utility design, traffic and transportation engineering, site design, and storm drainage design as well as the management and coordination of multi-faceted projects.

### Representative Projects

#### UCSD Reclaimed Water Underground Utility Extension

As Project Manager, Larry provided planning and engineering services to UCSD to complete an internal loop of reclaimed water infrastructure and provide reclaimed water service to the cooling towers at their Central Energy Plant and larger irrigation services throughout campus.

#### Dulzura Conduit Flume 22 Replacement, City of San Diego

As Senior Project Manager, Larry led a team of consultants to design a replacement structure for this portion of the flume. All of the elements were designed to withstand extreme heat, metal contraction, fire, flooding, earthquakes, and in accordance with NSF 61 for potable water. The project was accelerated under an emergency order and design, bid, and constructed in six months.

#### Spring Valley Outfall Sewer Rehabilitation

Project Manager responsible for the researching of public records; design of sewer plans and profiles; preparation of right-of-way plans; easement documents, legal descriptions and surveying; boundary surveys; preparation of a water pollution control plan, implementing Best Management Practices (BMPs); preparation of technical specifications; and cost estimates.

#### La Jolla-Pacific Beach Sewer Rehabilitation

Performed field investigation of the condition of approximately 250 sewer manholes and vaults along the La Jolla Pacific Beach Sewer. Construction documents and a bid package will be prepared to rehabilitate or replace manholes and vaults, as necessary.

# GREG KUMP, PE, QSD/QSP

## PROJECT MANAGER



### Education

B.S. Civil Engineering, 1999, California  
Polytechnic State University, San Luis Obispo

### Professional Registrations

Civil Engineer, C66416, California, 2004  
QSD/QSP Certified, #20725, 2011

### Professional Organizations

American Society of Civil Engineers (ASCE)  
YMF San Diego Section, President

### Years of Experience

17 years

### Percent of Time Involved in MACC Contract

25%



### Summary of Experience

Mr. Kump is a registered civil engineer with more than 17 years of experience. He has been responsible for project management and design of residential, educational, commercial and industrial projects, with a focus on sewer, water and drainage systems, stormwater systems, site planning, hydraulic design and streets and roads. He also has expertise in cost estimating. Greg's experience includes: low impact development design; detention design; master planning; hydrologic design; floodplain management; erosion control design; local, state and federal permitting; and serving as a liaison with the regulatory community.

### Representative Projects

#### UCSD Clean Water Pepper Canyon Retrofits

As Project Manager, Mr. Kump performed thorough field surveys, analyzed various sewer rehabilitation methods, identified staging areas, traffic control, project impact areas, and construction access in addition to the preparation of plans, specifications, and estimates. Rehabilitation methods included cured in place pipe lining for the pipeline and PVC lining for the manholes.

#### UCSD Reclaimed Water

As Project Engineering, Mr. Kump provided planning and engineering services to UCSD to complete an internal loop of reclaimed water infrastructure and provide reclaimed water service to the cooling towers at their Central Energy Plant and larger irrigation services throughout campus. The project planning included hydraulic modeling of the existing and proposed reclaimed water infrastructure including the public City of San Diego mains on North Torrey Pines Road and Genesee Avenue. This modeling was the result of an investigation of proposed converted reclaimed water demand profiles and alignment profiling.

#### UCSD ERC Pump House Gravity Retrofit

Mr. Kump performed site investigations, reviewed sewer reference drawings, analyzed campus sewer studies, prepared hydraulic calculations and capacity limitations, verified City pump station capacities, and integrated sewer infrastructure in the preliminary planning and design phase.

#### Scripps Institute of Oceanography (SIO) Saltwater Pump Station

Project Manager providing services that included preparation of a base utility map, preparation of plans and specifications for construction of pipelines, manholes and access drives and coordinating with the UCSD as well as other members of the design team.

# JARRETT LINN, PE

## PROJECT ENGINEER



### Education

B.S. Civil Engineering, 2012,  
San Diego State University

### Professional Registrations

Civil Engineer, 84231, California, 2015

### Years of Experience

6

### Percent of Time Involved in MACC Contract

75%



### Summary of Experience

Mr. Linn is a registered professional civil engineer and has provided design services for a variety of water and sewer, transportation, and traffic projects. In addition, he oversees the preparation of submittal packages for improvement plans, grading plans and building plans.

### Representative Projects

#### Old Highway 80 Sewer Improvements (Manholes 17-24), County of San Diego

As Project Engineer, Jarrett prepared engineering, analysis and design needed to prepare complete PS&E and all supporting documentation incidental to a complete PS&E package.

#### Flinn Springs Sewer Design, County of San Diego

Design work performed by Jarrett for the project included upsizing the existing sewer to meet current and future capacity needs. The project consisted of the replacement of approximately 3,690 linear feet of existing 8-inch and 10-inch sewer pipeline with a new 15-inch PVC sewer line. Due to adjacent existing utilities, the new pipeline will be placed in the same location as the existing line.

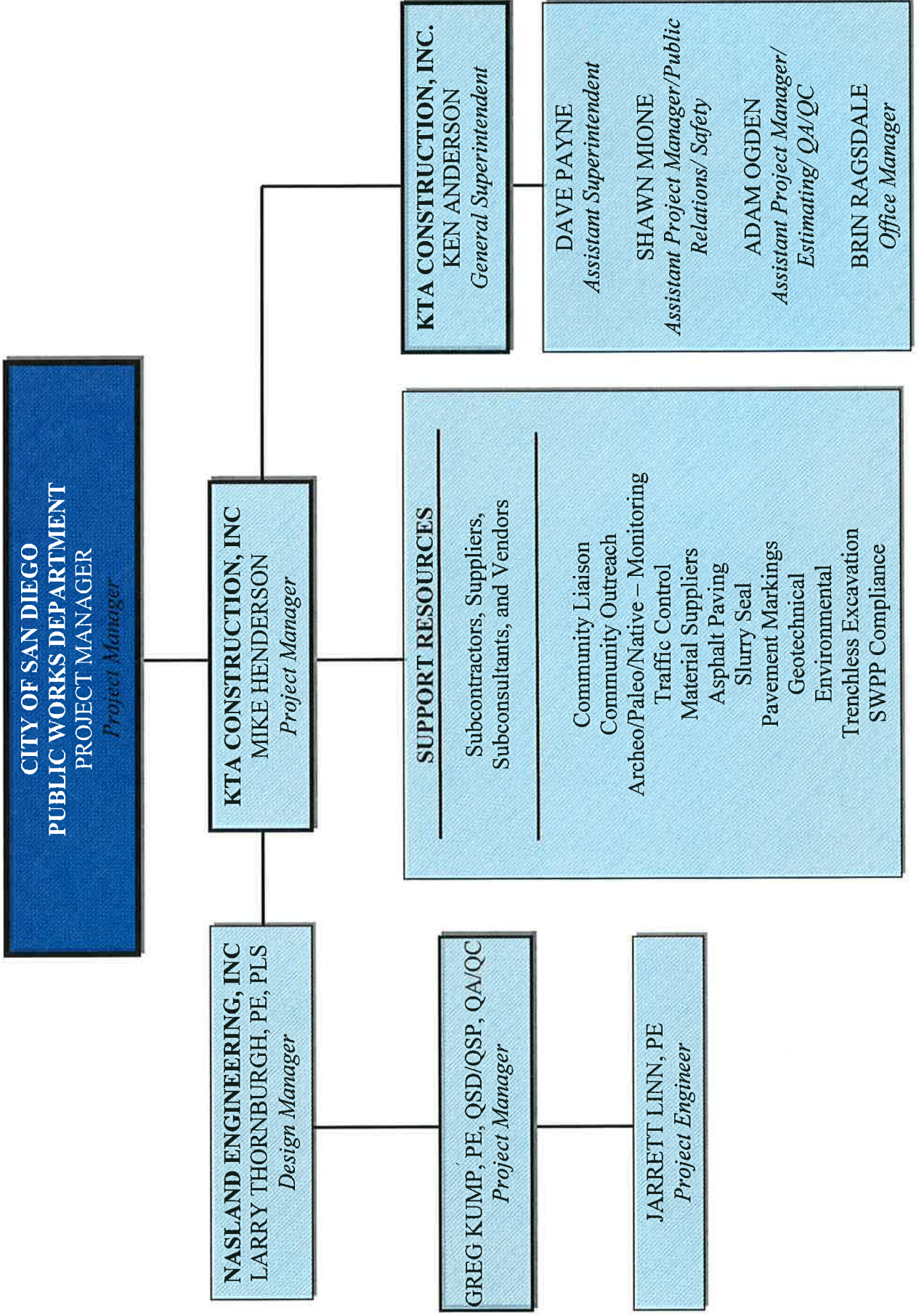
#### UCSD East Campus Utility Infrastructure Design

As Project Engineer, Mr. Linn provided design of infrastructure improvements for the rapidly expanding east campus area. Elements of the East Campus infrastructure included: Reclaimed Water System; Domestic Water System; Sanitary Sewer System; Storm Drain System; Electrical Distribution System; Mechanical System; Gas Distribution System; Street Lighting and Pedestrian Lighting; and Roads, Sidewalks, and Landscaping.

#### Old Otay Mesa Road, City of San Diego

As Project Engineer, Mr. Linn provided civil engineering design services for a ¾-mile section of Old Otay Mesa Road. The existing roadway is narrow, without adequate room for pedestrians and meanders along a steep hillside.

# PROJECT ORGANIZATION CHART



# APPENDIX B

## Work Force Report

---

STATEMENT OF QUALIFICATIONS FOR





City of San Diego  
 EQUAL OPPORTUNITY CONTRACTING PROGRAM  
 1200 Third Avenue, Suite 200, San Diego, CA 92101  
 (619) 236-6000 FAX: (619) 235-5209

## WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report*.

### CONTRACTOR IDENTIFICATION

Type of Contractor:  Construction  Supplier  Financial Institution  Lessee/Lessor  
 Consultant  Grant Recipient  Insurance Company  Other

Name of Company: KTA Construction Inc.

AKA/DBA: \_\_\_\_\_

Address (Corporate Headquarters, where applicable): 821 Tavern Rd.

City Alpine County San Diego State CA Zip 91901

Telephone Number: ( 619 ) 562 - 9464 FAX Number: ( 619 ) 562-1685

Name of Company CEO: Mike Henderson

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: Same

City \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone Number: ( ) \_\_\_\_\_ FAX Number: ( ) \_\_\_\_\_

Type of Business: General Engineering Contractor Type of License: A

The Company has appointed: Mike Henderson

as its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate, and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: 821 Tavern Rd., Alpine, CA 91901

Telephone Number: ( 619 ) 562 - 9464 FAX Number: ( 619 ) 562-1685

For Firms:  San Diego Work Force and/or  Managing Office Work Force

I, the undersigned representative of

KTA Construction Inc.

(Firm Name)

San Diego

(County)

California

(State)

hereby certify that information provided

herein is true and correct. This document was executed on this day of March 14, 2017,

~~200~~

(Authorized Signature)

Paul Henderson

(Print Authorized Signature Name)

**WORK FORCE REPORT - Page 2**

NAME OF FIRM: KTA Construction Inc.

DATE: 03/14/2017

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Executive, Administrative, Managerial	1		3				1				5	1		
Professional Specialty														
Engineers/Architects														
Technicians and Related Support														
Sales											2			
Administrative Support/Clerical												7		
Services														
Precision Production, Craft and Repair											2			
Machine Operators, Assemblers, Inspectors														
Transportation and Material Moving			1								3			
Handlers, Equipment Cleaners, Helpers and Non-construction Laborers*														

\*Construction laborers and other field employees are not to be included on this page

TOTALS EACH COLUMN	1		4				1				12	8		
--------------------	---	--	---	--	--	--	---	--	--	--	----	---	--	--

GRAND TOTAL ALL EMPLOYEES			26											
---------------------------	--	--	----	--	--	--	--	--	--	--	--	--	--	--

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NON-PROFIT ORGANIZATIONS ONLY:

BOARD OF DIRECTORS														
VOLUNTEERS														
ARTISTS														

NAME OF FIRM: KTA Construction Inc.

DATE: 03/14/2017

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Carpenter														
Drywall Installer														
Electrician														
Elevator Installers														
Finishers, Concrete or Terrazzo														
Glaziers														
Helpers, Construction Trade														
Ironworkers, Structural Metal Workers														
Laborers			6								4			
Millwrights														
Masons, Bricklayers														
Tilesetters														
Operators			4				1				4			
Painters														
Pipefitter, Plumbers			6								1			
Plasterers														
Roofers														
Security, Protective Services														
Sheet Metal, Duct Installers														
Welders, Cutters														
TOTALS EACH COLUMN			16				1				9			
GRAND TOTAL ALL EMPLOYEES			26											

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--



## APPENDIX C

### Design-Builders Certification of Pending Actions

---

STATEMENT OF QUALIFICATIONS FOR



**DESIGN-BUILDERS CERTIFICATION OF PENDING ACTIONS**

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against the Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

CHECK ONE BOX ONLY.

- The undersigned certifies that within the past 10 years the Bidder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers.
- The undersigned certifies that within the past 10 years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

DATE OF CLAIM	LOCATION	DESCRIPTION OF CLAIM	LITIGATION (Y/N)	STATUS	RESOLUTION/REMEDIAL ACTION TAKEN

Contractor Name: KTA CONSTRUCTION INC.

Certified By MICHAEL HANSEN Title PARTNER

[Signature] Name  
Signature Date 3-21-17

**USE ADDITIONAL FORMS AS NECESSARY**

# APPENDIX D

## Subcontractor Documentation

---

STATEMENT OF QUALIFICATIONS FOR





**EQUAL EMPLOYMENT OPPORTUNITY  
(EEO) PLAN AND AFFIRMATIVE ACTION PLAN**

1. KTA maintains a working environment free of discrimination, harassment, intimidation and coercion at all sites and in all facilities at which KTA's employees are assigned to work.
2. KTA's EEO Policy, a copy of which is attached at Tab 1, is reviewed at least annually, with all on-site supervisors involved in employment decisions. A responsible KTA official is designated to monitor all employment related activity to ensure the company EEO Policy is being carried out and to submit reports relating to EEO provisions.
3. KTA disseminates and reviews its EEO Policy with all employees at least once a year, posts the policy statement and EEO posters on all company bulletin boards and job sites, and documents every dissemination, review and posting with a written record to identify the time, place, employees present, subject matter, and disposition of meetings.
4. KTA reviews, at least annually, all supervisors' adherence to and performance under the EEO Policy and maintains written documentation of these reviews.
5. KTA discusses its EEO Policy Statement with subcontractors with whom it anticipates doing business, includes the EEO Policy Statement in its subcontracts, and provides such documentation to the City upon request.
6. KTA documents and maintains a record of all bid solicitations and outreach efforts to and from subcontractors, contractor associations and other business associations. A list of such associations is attached at Tab 2.
7. KTA disseminates its EEO Policy externally through various media, including the media of people of color and women, in advertisements to recruit, maintains files documenting these efforts, and provides copies of these advertisements to the City upon request.
8. KTA disseminates its EEO Policy to union and/or community organizations.
9. KTA will provide immediate written notification to the City when any union referral process has impeded its efforts to maintain its EEO Policy.
10. KTA maintains a current list of recruitment sources, including those outreaching to people of color and women, and provides written notification of employment opportunities to these recruitment sources with a record of the organizations' responses.
11. KTA maintains a current file of names, addresses and phone numbers of each walk-in applicant, including people of color and women, and referrals from unions, recruitment sources, or community organizations with a description of the employment action taken.
12. KTA encourages all present employees, including people of color and women employees, to recruit others.
13. KTA maintains all employment selection process information with records of tests, if any, and other selection criteria.

14. KTA develops and maintains documentation for on-the-job training opportunities and/or participates in training programs for all of its employees, including people of color and women, and establishes apprenticeship, trainee, and upgrade programs relevant to its employment need.
15. KTA conducts, at least annually, an inventory and evaluation of all employees for promotional opportunities and encourages all employees to seek and prepare appropriately for such opportunities.
16. KTA ensures the company's working environment and activities are non-segregated except for providing separate or single-user toilets and necessary changing facilities to assure privacy between the sexes.
17. KTA establishes and documents policies and procedures to ensure job classifications, work assignments, promotional tests, recruitment and other personnel practices do not have a discriminatory effect.
18. KTA will endeavor to participate in voluntary associations which assist in fulfilling one or more of its non-discrimination obligations including contractor associations and similar groups.

## EQUAL EMPLOYMENT OPPORTUNITY POLICY

KTA has an established policy of equal employment opportunity and is committed to equality in employment and opportunity for all employees. It is KTA's policy to provide a work environment free from any and all unlawful discrimination, whether on the basis of race, color, sex, national origin, citizenship, religion, age, physical disability, mental disability, perceived disability, medical condition, ancestry, veteran status, sexual orientation, marital status or any other status protected by law. All personnel actions are administered in accordance with these principles. No employee shall engage in any illegal discriminatory employment practice.

## ANTI-HARASSMENT AND ANTI-DISCRIMINATION POLICY

### A. Policy Statement

The policy of the Company is that all employees have a right to work in an environment free of illegal discrimination, which encompasses freedom from sexual or other unlawful harassment.

KTA prohibits conduct that is hostile, abusive, harassing, or intimidating, including, but not limited to, conduct constituting harassment that is sexual in nature or that is based upon race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, gender, age, sexual orientation, or any other status protected by law. Unlawful harassment, as defined below, is a form of discrimination and a violation of both KTA policy and civil rights law. It is the policy of KTA to ensure that its employees, clients, and business associates are not subjected to unlawful harassment during the course of KTA business or KTA sponsored activities. KTA will not tolerate the unlawful harassment of an employee by any other KTA employee, client, or business associate, nor will the Company tolerate any employee's harassment of another employee, client, or business associate. Violators will be subject to disciplinary action up to and including termination.

### B. Unlawful Harassment Defined

Verbal or physical conduct that intimidates, denigrates or shows hostility or aversion toward an individual based on that individual's race, color, religion, gender, national origin, ancestry, age, sex, disability, or other status protected by law may constitute unlawful harassment. Such conduct is prohibited where that conduct: (i) has the purpose or effect of creating an intimidating, hostile, or offensive working environment; (ii) has the purpose or effect of unreasonably interfering with an individual's work performance; or (iii) otherwise adversely affects an individual's employment opportunities.

Unlawful harassment may include, but is not limited to, the following conduct relating to race, color, religion, gender, national origin, ancestry, age, sex, disability, or any other status protected by law:

1. epithets, slurs, or negative stereotyping;
2. acts purporting to be jokes or pranks, but which are hostile or demeaning; or,

3. written or graphic material that denigrates or shows hostility or aversion toward an individual or group and that is placed on walls, bulletin boards, or elsewhere on the employer's premises, or circulated in the workplace; or
4. communication via electronic media of any type that includes any conduct that is prohibited by state and/or federal law, or by Company policy.

As used in this policy, unlawful harassment also includes sexual harassment as defined below.

#### C. Sexual Harassment Defined

Sexual harassment consists of unwelcome sexual advances, requests for sexual favors, other verbal or physical acts of a sexual or sex-based nature, or non-sexual harassment targeted at one gender, where (i) submission to such conduct is made either explicitly or implicitly a term or a condition of an individual's employment; (ii) an employment decision is made based on an individual's acceptance or rejection of such conduct; or (iii) such conduct interferes with an individual's work performance or creates an intimidating, hostile, or offensive working environment. Sexual harassment does not refer to occasional compliments of a socially acceptable nature. It refers to behavior which is not welcome, which is personally intimidating, hostile or offensive and which may interfere with work effectiveness.

#### D. Examples Of Sexual Harassment

It is not possible to identify each and every act which constitutes or may constitute sexual harassment. However, some examples of sexual harassment are provided below.

- Unwelcome requests for sexual favors; lewd or derogatory comments or jokes; comments regarding sexual behavior or the body of another employee; sexual innuendo and other vocal activity such as "cat calls" or whistles.
- Reading, displaying, circulating, or otherwise publishing in the workplace, any letters, notes, invitations, photographs, cartoons, articles, emails, internet material, or other written or pictorial materials that are in any way sexually revealing, sexually suggestive, sexually demeaning, obscene, or pornographic.
- Continuing to express sexual interest after being informed the interest is unwelcome.
- Retaliation against an employee for refusing a sexual advance or reporting, formally or informally, conduct that may violate this policy.
- Offering or providing factors or employment benefits such as promotions, favorable evaluations, favorable assigned duties or shifts, etc. in exchange for sexual favors.
- Any unwanted physical touching or assault or blocking or impeding movements.
- Harassment aimed at only one gender, even if not sexual in nature.



- Physical assaults, including any intentional physical contact such as pinching, patting, or brushing against another employee's body, that are sexual in nature.

All employees and potential employees are protected by this policy, and KTA encourages such individuals to report all incidents of illegal discrimination or unlawful harassment, regardless of who the alleged offender may be. Individuals who feel they are victims of such or who witness such shall report the conduct, in writing, according to the procedures specified in this policy. Complaints by employees of such conduct by employees or non-employees will be fully investigated and KTA will take such action as is feasible to protect its employees from such conduct.

#### E. Reporting Unlawful Harassment

Individuals who feel they have been or are being discriminated against or harassed in violation of this policy should promptly take the following action:

Attempt to resolve the situation with a direct conversation with the person involved. Politely, but firmly, tell the person to stop the offensive conduct. KTA recognizes, however, this confrontation may not always be a viable step. If the conduct persists, or if the harassed individual is afraid to confront the person, the individual should report the matter in writing to their supervisor or KTA's Human Resources Manager, without fear of humiliation or retaliation. If the matter relates to the supervisor's or the Human Resources Manager's conduct, employees should report the matter in writing to the President, Mike Henderson. Employees are encouraged to report such behavior as promptly as possible. The Human Resources Manager and President can be reached at:

KTA Construction, Inc.  
821 Tavern Road  
Alpine, California 91901  
Telephone: (619) 562-9464  
Facsimile: (619) 562-1685

An investigation shall be performed concerning the complaint promptly and thoroughly in a non-judgmental manner. To the extent practicable, KTA will keep all information concerning the complaints confidential. KTA will take appropriate corrective action when warranted. Any employee who is determined, as a result of such investigation, to have engaged in discrimination or harassment in violation of this policy will be subject to appropriate disciplinary or corrective action, up to and including termination.

Anyone desiring advice or counseling regarding matters addressed by this policy is encouraged to consult their direct supervisor, KTA's President or any other KTA officer.

#### NON-RETALIATION POLICY

It is our policy to comply with all applicable laws that protect employees who engage in protected activity against unlawful discrimination or retaliation. Retaliation or reprisal taken in any way against any individual because an individual has engaged in a protected activity, including by making a complaint of discrimination, sexual, or other unlawful harassment or participating in an investigation of unlawful harassment or discrimination is PROHIBITED. Anyone who is involved in any prohibited act of retaliation or reprisal will be subject to disciplinary action.

KTA CONSTRUCTION, INC.

LIST OF LOCAL MINORITY/WOMEN/VETERAN/DISABLED ORGANIZATIONS

ORGANIZATION	CONTACT INFORMATION	WEBSITE
National Association of Women in Construction – NAWIC – San Diego Chapter #21	NAWIC #21 P.O. Box 880725 San Diego, CA 92168 (619) 233-7900	<a href="http://www.nawicsd.org">www.nawicsd.org</a>
The Urban League of San Diego County	720 Gateway Drive San Diego, CA 92102 (619) 266-6256 (619) 263-3660 – Fax	<a href="http://www.sdul.net">www.sdul.net</a>
Black Contractors Association of San Diego	6125 Imperial Avenue San Diego, CA 92114 (619) 263-9791 (619) 263-6865 – Fax	<a href="http://www.bcasd.org">www.bcasd.org</a>
Latino Builders Industry Association	4636 Mission Gorge Pl, Ste. 204 San Diego, CA 92120 (619) 287-2397	
Associated General Constructors of America – San Diego Chapter, Inc.	P.O. Box 927870 San Diego, CA 92192-7870 (858) 558-0739 (858) 558-8941	<a href="http://www.agesd.org/">http://www.agesd.org/</a>
San Diego Job Corps Center	1325 Iris Avenue, Bldg. #60 Imperial Beach, CA 95832 (619) 429-8500 (619) 429-4909	<a href="http://www.jobcorps.dol.gov/">http://www.jobcorps.dol.gov/</a>
San Diego Workforce Partnership, Inc.	3910 University Avenue, Ste. 400 San Diego, CA 92105 (619) 228-2900 (619) 228-2901 <a href="mailto:info@workforce.org">info@workforce.org</a>	<a href="http://www.sandiegowork.com/index.html">http://www.sandiegowork.com/index.html</a>
Veterans Village of San Diego	4141 Pacific Highway San Diego, CA 92110 (619) 497-0142	<a href="http://www.vvsd.net/index.htm">http://www.vvsd.net /index.htm</a>
Center for Employment Training	32295 Market Street San Diego, CA 92102 (619) 233-6892 Attn: Dora Mendivil, Center Director Human Resources Specialist	
Southern California American Indian Resource Center (SCAIR)	4265 Fairmont Avenue, Ste. 160 San Diego, CA 92105 (619) 281-5964 Juan Castellanos, Exec. Dir.	

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Sewer Group 787 DOLLAR VALUE OF PROJECT: \$5,165,380.00  
 TYPE OF PROJECT: Sewer Replacement

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>o</sup>	WHERE CERTIFIED <sup>o</sup>
Name: <u>Mocon</u> Address: <u>49-950 Jefferson St.</u> City: <u>Indio</u> State: <u>CA</u> Zip: <u>92201</u> Phone: <u>760-564-2536</u> Email: <u>rob@moconcorp.com</u>	Contractor	565735	Pipe Bursting	\$67,180.50		
Name: <u>American Asphalt South</u> Address: <u>14436 Santa Ana Ave.</u> City: <u>Fontana</u> State: <u>CA</u> Zip: <u>92337</u> Phone: <u>909-427-8276</u> Email: <u>lyles@americanasphaltsouth.com</u>	Contractor	784969	Slurry Seal	\$52,761.81		

<sup>o</sup> As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

<sup>o</sup> As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Sewer Group 787 DOLLAR VALUE OF PROJECT: \$5,165,380.00  
 TYPE OF PROJECT: Sewer Replacement

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB®	WHERE CERTIFIED®
Name: <u>Geo-Cell Solutions Inc.</u> Address: <u>2668 N. Fordham Ave.</u> City: <u>Fresno</u> State: <u>CA</u> Zip: <u>93727</u> Phone: <u>559-294-1551</u> Email: <u>doug_farmer@sbcglobal.net</u>	Contractor	938053	Pipe Abandonment	\$1,000.00		
Name: <u>Brian F. Smith &amp; Assoc.</u> Address: <u>14010 Poway Rd., Ste.A</u> City: <u>Poway</u> State: <u>CA</u> Zip: <u>92064</u> Phone: <u>858-679-8218</u> Email: <u>kguerrero@bfsa-ca.com</u>	Vendor	N/A	Archeo / Paelo Monitoring	\$83,385.00	SLBE	City of San Diego

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- Certified Minority Business Enterprise
- Certified Disadvantaged Business Enterprise
- Other Business Enterprise
- Certified Small Local Business Enterprise
- Woman-Owned Small Business
- Service-Disabled Veteran Owned Small Business
- MBE
- DBE
- OBE
- SLBE
- WoSB
- SDVOSB
- Certified Woman Business Enterprise
- Certified Disabled Veteran Business Enterprise
- Certified Emerging Local Business Enterprise
- Small Disadvantaged Business
- HUBZone Business
- WBE
- DVBE
- ELBE
- SDB
- HUBZone

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- City of San Diego
- California Public Utilities Commission
- State of California's Department of General Services
- State of California
- CITY
- CPUC
- CADoGS
- CA
- State of California Department of Transportation
- San Diego Regional Minority Supplier Diversity Council
- City of Los Angeles
- U.S. Small Business Administration
- CALTRANS
- SRMSDC
- LA
- SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

## DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Sewer Group 787 DOLLAR VALUE OF PROJECT: \$5,165,380.00  
 TYPE OF PROJECT: Sewer Replacement

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>®</sup>	WHERE CERTIFIED <sup>®</sup>
Name: <u>Coastal Pipeline Services</u> Address: <u>PO Box 235653</u> City: <u>Encinitas</u> State: <u>CA</u> Zip: <u>92023</u> Phone: <u>760-828-5174</u> Email: <u>kenburtech@yahoo.com</u>	Contractor	878255	CCTV & Clean	\$47,601.70	ELBE	City of San Diego
Name: <u>LSI Road Marking</u> Address: <u>PO Box 2426</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92021</u> Phone: <u>619-443-7755</u> Email: <u>estimating@lsiroadmarking.com</u>	Contractor	775886	Striping	\$1,500.00	ELBE	City of San Diego

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Sewer Group 7&7 DOLLAR VALUE OF PROJECT: \$5,165,380.00  
 TYPE OF PROJECT: Sewer Replacement

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB®	WHERE CERTIFIED®
Name: <u>TL Scanlan Const. Services</u> Address: <u>2308 Shaylene Way</u> City: <u>Alpine</u> State: <u>CA</u> Zip: <u>91901</u> Phone: <u>619-647-9062</u> Email: <u>tom@tscanlanconstruction.com</u>	Contractor	757925	Replumbs, Conc Pvmt Replacement, Base Pave	\$584,728.81	ELBE	City of San Diego
Name: <u>YBS Concrete Inc.</u> Address: <u>365 E. J Street</u> City: <u>Chula Vista</u> State: <u>CA</u> Zip: <u>91910</u> Phone: <u>619-726-7317</u> Email: <u>ybsconcreteincorp@gmail.com</u>	Contractor	885270	Concrete Flatwork	\$238,181.61	ELBE	City of San Diego

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Sewer Group 787 DOLLAR VALUE OF PROJECT: \$5,165,380.00  
 TYPE OF PROJECT: Sewer Replacement

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>o</sup>	WHERE CERTIFIED <sup>o</sup>
Name: <u>McGrath Consulting</u> Address: <u>PO Box 20205</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92021</u> Phone: <u>619-250-2025</u> Email: <u>mwm@mcswwppp.com</u>	Designer	N/A	WPCP	\$565.00	ELBE	City of San Diego
Name: <u>Southwest Signal Service</u> Address: <u>397 Raleigh Ave.</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92020</u> Phone: <u>619-442-3343</u> Email: <u>dlebau@southwestsignal.com</u>	Contractor	451115	Traffic Loops	\$5,355.00	SLBE	City of San Diego

<sup>o</sup> As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

<sup>o</sup> As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Sewer Group 787 DOLLAR VALUE OF PROJECT: \$5,165,380.00  
 TYPE OF PROJECT: Sewer Replacement

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>o</sup>	WHERE CERTIFIED <sup>o</sup>
Name: <u>Zebron</u> Address: <u>PO Box 2874</u> City: <u>Newport Beach</u> State: <u>CA</u> Zip: <u>92659</u> Phone: <u>714-632-6690</u> Email: <u>ty@zebron.com</u>	Contractor	855170	Manhole Rehab	\$20,300.00		
Name: <u>Sancon Engineering</u> Address: <u>5841 Engineer Dr.</u> City: <u>Huntington Beach</u> State: <u>CA</u> Zip: <u>92644</u> Phone: <u>714-891-2323</u> Email: <u>Ryan@sancon.com</u>	Contractor	731797	Pipe Rehab	\$28,672.00		

<sup>o</sup> As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- Certified Minority Business Enterprise
- Certified Disadvantaged Business Enterprise
- Other Business Enterprise
- Certified Small Local Business Enterprise
- Woman-Owned Small Business
- Service-Disabled Veteran Owned Small Business
- MBE
- DBE
- OBE
- SLBE
- WoSB
- SDVOSB
- Certified Woman Business Enterprise
- Certified Disabled Veteran Business Enterprise
- Certified Emerging Local Business Enterprise
- Small Disadvantaged Business
- HUBZone Business
- WBE
- DVBE
- ELBE
- SDB
- HUBZone

<sup>o</sup> As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- City of San Diego
- California Public Utilities Commission
- State of California's Department of General Services
- State of California
- CITY
- CPUC
- CADoGS
- CA
- State of California Department of Transportation
- San Diego Regional Minority Supplier Diversity Council
- City of Los Angeles
- U.S. Small Business Administration
- CALTRANS
- SRMSDC
- LA
- SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**



**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Sewer Group 787 DOLLAR VALUE OF PROJECT: \$5,165,380.00  
 TYPE OF PROJECT: Sewer Replacement

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>o</sup>	WHERE CERTIFIED <sup>o</sup>
Name: <u>Pal General Engineering</u> Address: <u>5374 Eastgate Mall</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92121</u> Phone: <u>858-638-7100</u> Email: <u>davep@palsd.com</u>	Contractor	916931	AC Paving	\$743,542.24	ELBE	City of San Diego
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

<sup>o</sup> As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

<sup>o</sup> As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Water Group 924 - Design Build Contract DOLLAR VALUE OF PROJECT: \$3,786,687.95  
 TYPE OF PROJECT: Replace Existing Waterling

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>①</sup>	WHERE CERTIFIED <sup>②</sup>
Name: <u>Tran Consulting Engineers</u> Address: <u>4444 El Cajon Blvd #15</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92115</u> Phone: <u>619-563-7650</u> Email: <u>austin@tran-c-e.com</u>	Designer	N/A	Engineering	\$203,542.00	SLBE	City of San Diego
Name: <u>Vic Salazar Communications</u> Address: <u>2514 Jamacha Rd. #502-21</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92019</u> Phone: <u>619-517-4744</u> Email: <u>vic@vicsalazar.com</u>	Vendor	N/A	Community Outreach	\$29,000.00	ELBE	City of San Diego

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- Certified Minority Business Enterprise
- Certified Disadvantaged Business Enterprise
- Other Business Enterprise
- Certified Small Local Business Enterprise
- Woman-Owned Small Business
- Service-Disabled Veteran Owned Small Business
- MBE
- DBE
- OBE
- SLBE
- WoSB
- SDVOSB
- Certified Woman Business Enterprise
- Certified Disabled Veteran Business Enterprise
- Certified Emerging Local Business Enterprise
- Small Disadvantaged Business
- HUBZone Business
- WBE
- DVBE
- ELBE
- SDB
- HUBZone

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- City of San Diego
- California Public Utilities Commission
- State of California's Department of General Services
- State of California
- CITY
- CPUC
- CADoGS
- CA
- State of California Department of Transportation
- San Diego Regional Minority Supplier Diversity Council
- City of Los Angeles
- U.S. Small Business Administration
- CALTRANS
- SRMSDC
- LA
- SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Water Group 924 - Design Build Contract DOLLAR VALUE OF PROJECT: \$3,786,687.95  
 TYPE OF PROJECT: Replace Existing Waterling

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB®	WHERE CERTIFIED®
Name: <u>McGrath Consulting</u> Address: <u>PO Box 20205</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92021</u> Phone: <u>619-250-2025</u> Email: <u>mwm@mcswwppp.com</u>	Designer	N/A	WPCP	\$600.00	ELBE	City of San Diego
Name: <u>YBS Concrete Inc.</u> Address: <u>821 Kuhn Dr.</u> City: <u>Chula Vista</u> State: <u>CA</u> Zip: <u>91914</u> Phone: <u>619-726-7317</u> Email: <u>ybsconcrete@yahoo.com</u>	Contractor	885270	Concrete Flatwork	\$479,937.15	ELBE	City of San Diego

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- Certified Minority Business Enterprise
- Certified Disadvantaged Business Enterprise
- Other Business Enterprise
- Certified Small Local Business Enterprise
- Woman-Owned Small Business
- Service-Disabled Veteran Owned Small Business
- MBE
- DBE
- OBE
- SLBE
- WoSB
- SDVOSB
- Certified Woman Business Enterprise
- Certified Disabled Veteran Business Enterprise
- Certified Emerging Local Business Enterprise
- Small Disadvantaged Business
- HUBZone Business
- WBE
- DVBE
- ELBE
- SDB
- HUBZone

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- City of San Diego
- California Public Utilities Commission
- State of California's Department of General Services
- State of California
- CITY
- CPUC
- CADoGS
- CA
- State of California Department of Transportation
- San Diego Regional Minority Supplier Diversity Council
- City of Los Angeles
- U.S. Small Business Administration
- CALTRANS
- SRMSDC
- LA
- SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Water Group 924 - Design Build Contract DOLLAR VALUE OF PROJECT: \$3,786,687.95  
 TYPE OF PROJECT: Replace Existing Waterfing

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>⓪</sup>	WHERE CERTIFIED <sup>⓪</sup>
Name: <u>Crest Equipment</u> Address: <u>161 Scottford Rd.</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92021</u> Phone: <u>619-44-5061</u> Email: <u>belio@sbcglobal.net</u>	Contractor	892791	Paving	\$400,291.36	SLBE	City of San Diego
Name: <u>Luzaich Striping</u> Address: <u>PO Box 2426</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92021</u> Phone: <u>619-443-7755</u> Email: <u>estimating@lsroadmarking.com</u>	Contractor	775886	Striping	\$8,886.40	ELBE	City of San Diego

⓪ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

ⓑ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Sewer & Water Group 930 DOLLAR VALUE OF PROJECT: \$3,847,175.11  
 TYPE OF PROJECT: Sewer & Water Replacement Project

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WOSB, HUBZone, OR SDVOSB <sup>o</sup>	WHERE CERTIFIED <sup>o</sup>
Name: <u>Brian F Smith &amp; Assoc.</u> Address: <u>14010 Poway Rd., #A</u> City: <u>Poway</u> State: <u>CA</u> Zip: <u>92064</u> Phone: <u>858-679-8218</u> Email: <u>kguerrero@bfsa-ca.com</u>	Consultant	N/A	Archeo / Paeolo Monitoring	\$122,428.50	SLBE	City of San Diego
Name: <u>Coastal Pipeline Services</u> Address: <u>PO Box 235653</u> City: <u>Encinitas</u> State: <u>CA</u> Zip: <u>92023</u> Phone: <u>760-828-5174</u> Email: <u>kenburtech@yahoo.com</u>	Contractor	878255	CCTV & Clean	\$6,465.00	ELBE	City of San Diego

<sup>o</sup> As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- Certified Minority Business Enterprise MBE
- Certified Disadvantaged Business Enterprise DBE
- Other Business Enterprise OBE
- Certified Small Local Business Enterprise SLBE
- Woman-Owned Small Business WOSB
- Service-Disabled Veteran Owned Small Business SDVOSB
- Certified Woman Business Enterprise WBE
- Certified Disabled Veteran Business Enterprise DVBE
- Certified Emerging Local Business Enterprise ELBE
- Small Disadvantaged Business SDB
- HUBZone Business HUBZone

<sup>o</sup> As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- City of San Diego CITY
- California Public Utilities Commission CPUC
- State of California's Department of General Services CADOGS
- State of California CA
- State of California Department of Transportation CALTRANS
- San Diego Regional Minority Supplier Diversity Council SRMSDC
- City of Los Angeles LA
- U.S. Small Business Administration SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Sewer & Water Group 930 DOLLAR VALUE OF PROJECT: \$3,847,175.11  
 TYPE OF PROJECT: Sewer & Water Replacement Project

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>®</sup>	WHERE CERTIFIED <sup>®</sup>
Name: <u>McGrath Consulting</u> Address: <u>PO Box 20205</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92021</u> Phone: <u>619-250-2025</u> Email: <u>mwm@mcswwppp.com</u>	Designer	N/A	WPCP	\$545.00	ELBE	City of San Diego
Name: <u>Perry Electric</u> Address: <u>PO Box 710130</u> City: <u>Santee</u> State: <u>CA</u> Zip: <u>92071</u> Phone: <u>619-449-0045</u> Email: <u>perryelectric1@aol.com</u>	Contractor	747931	Traffic Loops	\$61,097.00	SLBE	City of San Diego

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Sewer & Water Group 930 DOLLAR VALUE OF PROJECT: \$3,847,175.11  
 TYPE OF PROJECT: Sewer & Water Replacement Project

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>⓪</sup>	WHERE CERTIFIED <sup>2</sup>
Name: <u>Cell-Crete Corp.</u> Address: <u>135 E. Railroad</u> City: <u>Monrovia</u> State: <u>CA</u> Zip: <u>91016</u> Phone: <u>626-357-3500</u> Email: <u>tmeyer@cell-crete.com</u>	Contractor	243404	Pipe Abandonment	\$16,820.57		
Name: <u>ATP</u> Address: <u>187 Mace St.</u> City: <u>Chula Vista</u> State: <u>CA</u> Zip: <u>91911</u> Phone: <u>619-271-3445</u> Email: <u>cory@paveitgreen.com</u>	Contractor	502506	Paving	\$260,284.61		

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- Certified Minority Business Enterprise MBE
- Certified Disadvantaged Business Enterprise DBE
- Other Business Enterprise OBE
- Certified Small Local Business Enterprise SLBE
- Woman-Owned Small Business WoSB
- Service-Disabled Veteran Owned Small Business SDVOSB
- Certified Woman Business Enterprise WBE
- Certified Disabled Veteran Business Enterprise DVBE
- Certified Emerging Local Business Enterprise ELBE
- Small Disadvantaged Business SDB
- HUBZone Business HUBZone

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- City of San Diego CITY
- California Public Utilities Commission CPUC
- State of California's Department of General Services CADoGS
- State of California CA
- State of California Department of Transportation CALTRANS
- San Diego Regional Minority Supplier Diversity Council SRMSDC
- City of Los Angeles LA
- U.S. Small Business Administration SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Sewer & Water Group 930 DOLLAR VALUE OF PROJECT: \$3,847,175.11  
 TYPE OF PROJECT: Sewer & Water Replacement Project

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB®	WHERE CERTIFIED²
Name: <u>TL Scanlan Const. Services</u> Address: <u>2308 Shaylene Way</u> City: <u>Alpine</u> State: <u>CA</u> Zip: <u>91901</u> Phone: <u>619-403-4328</u> Email: <u>tom@tlscanlanconstruction.com</u>	Contractor	757925	Base Pave & PRS	\$393,654.80	ELBE	City of San Diego
Name: <u>LSI Road Marking</u> Address: <u>PO Box 2426</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92021</u> Phone: <u>619-443-7755</u> Email: <u>estimating@lsiroadmarking.com</u>	Contractor	775886	Striping	\$ 44,338.73	ELBE	City of San Diego

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**



**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Sewer & Water Group 930 DOLLAR VALUE OF PROJECT: \$3,847,175.11  
 TYPE OF PROJECT: Sewer & Water Replacement Project

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>o</sup>	WHERE CERTIFIED <sup>o</sup>
Name: <u>YBS Concrete Inc.</u> Address: <u>821 Kuhn Dr.</u> City: <u>Chula Vista</u> State: <u>CA</u> Zip: <u>91914</u> Phone: <u>619-726-7317</u> Email: <u>ybsconcrete@yahoo.com</u>	Contractor	885270	Concrete Flatwork	\$ 99,620.18	ELBE	City of San Diego
Name: <u>Native Soils Inc.</u> Address: <u>860 Midway Dr.</u> City: <u>Alpine</u> State: <u>CA</u> Zip: <u>91901</u> Phone: <u>619-495-4155</u> Email: <u>mike@paveitgreen.com</u>	Supplier	N/A	Asphalt	\$340,144.56	ELBE	City of San Diego

<sup>o</sup> As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- Certified Minority Business Enterprise
- Certified Disadvantaged Business Enterprise
- Other Business Enterprise
- Certified Small Local Business Enterprise
- Woman-Owned Small Business
- Service-Disabled Veteran Owned Small Business
- MBE
- DBE
- OBE
- SLBE
- WoSB
- SDVOSB
- Certified Woman Business Enterprise
- Certified Disabled Veteran Business Enterprise
- Certified Emerging Local Business Enterprise
- Small Disadvantaged Business
- HUBZone Business
- WBE
- DVBE
- ELBE
- SDB
- HUBZone

<sup>o</sup> As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- City of San Diego
- California Public Utilities Commission
- State of California's Department of General Services
- State of California
- CITY
- CPUC
- CADoGS
- CA
- State of California Department of Transportation
- San Diego Regional Minority Supplier Diversity Council
- City of Los Angeles
- U.S. Small Business Administration
- CALTRANS
- SRMSDC
- LA
- SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Water Group 942 DOLLAR VALUE OF PROJECT: \$3,496,894.28  
 TYPE OF PROJECT: Water Main Replacement Project

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WOSB, HUBZone, OR SDVOSB®	WHERE CERTIFIED®
Name: <u>Statewide Stripes Inc.</u> Address: <u>Po Box 600710</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92160</u> Phone: <u>858-560-6887</u> Email: <u>brent@statewidestripes.com</u>	Contractor	788286	Striping	\$36,675.00		
Name: <u>Cell-Crete Corp.</u> Address: <u>135 E. Railroad Ave.</u> City: <u>Monrovia</u> State: <u>CA</u> Zip: <u>91016</u> Phone: <u>626-357-3500</u> Email: <u>tmeyer@cell-crete.com</u>	Contractor	243404	Abandonment of Existing Utilities	\$26,655.00		

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- Certified Minority Business Enterprise
- Certified Disadvantaged Business Enterprise
- Other Business Enterprise
- Certified Small Local Business Enterprise
- Woman-Owned Small Business
- Service-Disabled Veteran Owned Small Business
- MBE
- DBE
- OBE
- SLBE
- WOSB
- SDVOSB
- Certified Woman Business Enterprise
- Certified Disabled Veteran Business Enterprise
- Certified Emerging Local Business Enterprise
- Small Disadvantaged Business
- HUBZone Business
- WBE
- DVBE
- ELBE
- SDB
- HUBZone

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- City of San Diego
- California Public Utilities Commission
- State of California's Department of General Services
- State of California
- CITY
- CPUC
- CADoGS
- CA
- State of California Department of Transportation
- San Diego Regional Minority Supplier Diversity Council
- City of Los Angeles
- U.S. Small Business Administration
- CALTRANS
- SRMSDC
- LA
- SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Water Group 942 DOLLAR VALUE OF PROJECT: \$3,496,894.28  
 TYPE OF PROJECT: Water Main Replacement Project

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>o</sup>	WHERE CERTIFIED <sup>o</sup>
Name: <u>Southwest Signal Service</u> Address: <u>397 Raleigh Ave.</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92020</u> Phone: <u>619-442-3343</u> Email: <u>dlebeau@southwestsignal.com</u>	Contractor	451115	Traffic Loops	\$19,500.00	SLBE & ELBE	City of San Diego
Name: <u>JPS Legal Video</u> Address: <u>455 S. Oakhurst Dr. #6</u> City: <u>Beverly Hills</u> State: <u>CA</u> Zip: <u>90212</u> Phone: <u>310-869-0715</u> Email: <u>jp@jpslegalvideo.com</u>	Vendor	N/A	Pre-Construction Video	\$1,225.00		

<sup>o</sup> As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- Certified Minority Business Enterprise MBE
- Certified Disadvantaged Business Enterprise DBE
- Other Business Enterprise OBE
- Certified Small Local Business Enterprise SLBE
- Woman-Owned Small Business WoSB
- Service-Disabled Veteran Owned Small Business SDVOSB
- Certified Woman Business Enterprise WBE
- Certified Disabled Veteran Business Enterprise DVBE
- Certified Emerging Local Business Enterprise ELBE
- Small Disadvantaged Business SDB
- HUBZone Business HUBZone

<sup>o</sup> As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- City of San Diego CITY
- California Public Utilities Commission CPUC
- State of California's Department of General Services CADoGS
- State of California CA
- State of California Department of Transportation
- San Diego Regional Minority Supplier Diversity Council
- City of Los Angeles
- U.S. Small Business Administration SBA
- CALTRANS
- SRMSDC
- LA
- SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Water Group 942 DOLLAR VALUE OF PROJECT: \$3,496,894.28  
 TYPE OF PROJECT: Water Main Replacement Project

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>o</sup>	WHERE CERTIFIED <sup>o</sup>
Name: <u>YBS Concrete Inc.</u> Address: <u>821 Kuhn Dr.</u> City: <u>Chula Vista</u> State: <u>CA</u> Zip: <u>91914</u> Phone: <u>619-726-7317</u> Email: <u>ybsconcrete@yahoo.com</u>	Contractor	885270	Concrete Flatwork	\$57,725.00	ELBE	City of San Diego
Name: <u>TL Scanlan Const. Services</u> Address: <u>2308 Shaylene Way</u> City: <u>Alpine</u> State: <u>CA</u> Zip: <u>91901</u> Phone: <u>619-647-9062</u> Email: <u>tom@tlscanlanconstruction.com</u>	Contractor	757925	Asphalt Paving	\$312,501.00	ELBE	City of San Diego

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Water Group 942 DOLLAR VALUE OF PROJECT: \$3,496,894.28  
 TYPE OF PROJECT: Water Main Replacement Project

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB®	WHERE CERTIFIED®
Name: <u>RAP Engineering, Inc.</u> Address: <u>503 E. Mission Rd.</u> City: <u>San Marcos</u> State: <u>CA</u> Zip: <u>92069</u> Phone: <u>760-233-2980</u> Email: <u>sbrown@rapenginc.com</u>	Contractor	880956	AC Paving	\$248,984.00	SLBE / ELBE	City of San Diego
Name: <u>G. Scott Asphalt, Inc.</u> Address: <u>358 Trousdale Dr.</u> City: <u>Chula Vista</u> State: <u>CA</u> Zip: <u>91910</u> Phone: <u>619-420-1854</u> Email: <u>kov@asphaltrepairs.com</u>	Contractor	751836	Slurry Seal	\$137,600.00	SLBE	City of San Diego

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Sewer Group 721 DOLLAR VALUE OF PROJECT: \$ 4,112,079.71  
 TYPE OF PROJECT: Sewer Replacement Project

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB®	WHERE CERTIFIED®
Name: <u>Loveless &amp; Linton Consulting</u> Address: <u>1421 W. Lewis St.</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92103</u> Phone: <u>619-922-0718</u> Email: <u>rebekah@loveless-linton.com</u>	Vendor	N/A	Archeo/ Paleo Monitoring	\$73,600.00	SLBE	City of San Diego
Name: <u>Easy Flow</u> Address: <u>14275 Crystal View Lane</u> City: <u>Poway</u> State: <u>CA</u> Zip: <u>92064</u> Phone: <u>909-908-7300</u> Email: <u>easyflowpipe@hotmail.com</u>	Contractor	960845	CCTV & Clean	\$36,113.00	ELBE	City of San Diego

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Sewer Group 721 DOLLAR VALUE OF PROJECT: \$4,112,079.71  
 TYPE OF PROJECT: Sewer Replacement Project

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>①</sup>	WHERE CERTIFIED <sup>②</sup>
Name: <u>JPS Legal Video</u> Address: <u>455 S. Oakhurst Dr. #6</u> City: <u>Beverly Hills</u> State: <u>CA</u> Zip: <u>90212</u> Phone: <u>310-869-0715</u> Email: <u>info@jpslegalvideo.com</u>	<u>Vendor</u>	<u>N/A</u>	<u>Pre-Construction Video</u>	<u>\$1,510.00</u>		
Name: <u>Payco Specialties Inc.</u> Address: <u>120 N. Second Ave.</u> City: <u>Chula Vista</u> State: <u>CA</u> Zip: <u>91910</u> Phone: <u>619-422-9204</u> Email: <u>bill@payco.biz</u>	<u>Contractor</u>	<u>298637</u>	<u>Striping</u>	<u>\$ 2,700.00</u>	<u>SLBE</u>	<u>City of San Diego</u>

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Sewer Group 721 DOLLAR VALUE OF PROJECT: \$4,112,079.71  
 TYPE OF PROJECT: Sewer Replacement Project

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>ⓐ</sup>	WHERE CERTIFIED <sup>ⓐ</sup>
Name: <u>Old Castle Precast Inc.</u> Address: <u>2735 Cactus Rd.</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92154</u> Phone: <u>619-240-8010</u> Email: <u>robert.lara@oldcastle.com</u>	Contractor	891107	Manholes	\$158,760.00		
Name: <u>YBS Concrete Inc.</u> Address: <u>821 Kuhn Dr. #204</u> City: <u>Chula Vista</u> State: <u>CA</u> Zip: <u>91914</u> Phone: <u>619-726-7317</u> Email: <u>ybsconcrete@yahoo.com</u>	Contractor	885270	Concrete Flatwork	\$816,659.00	ELBE	City of San Diego

ⓐ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- Certified Minority Business Enterprise MBE
- Certified Disadvantaged Business Enterprise DBE
- Other Business Enterprise OBE
- Certified Small Local Business Enterprise SLBE
- Woman-Owned Small Business WoSB
- Service-Disabled Veteran Owned Small Business SDVOSB
- Certified Woman Business Enterprise WBE
- Certified Disabled Veteran Business Enterprise DVBE
- Certified Emerging Local Business Enterprise ELBE
- Small Disadvantaged Business SDB
- HUBZone Business HUBZone

ⓑ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- City of San Diego CITY
- California Public Utilities Commission CPUC
- State of California's Department of General Services CADoGS
- State of California CA
- State of California Department of Transportation CALTRANS
- San Diego Regional Minority Supplier Diversity Council SRMSDC
- City of Los Angeles LA
- U.S. Small Business Administration SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**



**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Sewer Group 721 DOLLAR VALUE OF PROJECT: \$4,112,079.71  
 TYPE OF PROJECT: Sewer Replacement Project

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>⓪</sup>	WHERE CERTIFIED <sup>⓪</sup>
Name: <u>McGrath Consulting</u> Address: <u>PO Box 20205</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92040</u> Phone: <u>619-443-3811</u> Email: <u>mwm@mcswwppp.com</u>	Designer	N/A	WPCP	\$ 495.00	ELBE	City of San Diego
Name: <u>Kirk Paving, Inc.</u> Address: <u>8722 Winter Gardens Blvd</u> City: <u>Lakeside</u> State: <u>CA</u> Zip: <u>92040</u> Phone: <u>619-938-9958</u> Email: <u>kirkpaving@cox.net</u>	Contractor	749206	AC Paving	\$23,636.20	SLBE	City of San Diego

⓪ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- Certified Minority Business Enterprise
- Certified Disadvantaged Business Enterprise
- Other Business Enterprise
- Certified Small Local Business Enterprise
- Woman-Owned Small Business
- Service-Disabled Veteran Owned Small Business
- MBE
- DBE
- OBE
- SLBE
- WoSB
- SDVOSB
- Certified Woman Business Enterprise
- Certified Disabled Veteran Business Enterprise
- Certified Emerging Local Business Enterprise
- Small Disadvantaged Business
- HUBZone Business
- WBE
- DVBE
- ELBE
- SDB
- HUBZone

ⓑ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- City of San Diego
- California Public Utilities Commission
- State of California's Department of General Services
- State of California
- CITY
- CPUC
- CADoGS
- CA
- State of California Department of Transportation
- San Diego Regional Minority Supplier Diversity Council
- City of Los Angeles
- U.S. Small Business Administration
- CALTRANS
- SRMSDC
- LA
- SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Sewer Group 721

TYPE OF PROJECT: Sewer Replacement Project

DOLLAR VALUE OF PROJECT: \$4,112,079.71

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB®	WHERE CERTIFIED®
Name: <u>Cell-Crete Corporation</u> Address: <u>135 E. Railroad Ave.</u> City: <u>Monrovia</u> State: <u>CA</u> Zip: <u>91016</u> Phone: <u>626-357-3500</u> Email: _____	Contractor	243404	Pipe Abandonment	\$4,630.00		
Name: <u>T.L. Scanlan Const. Services</u> Address: <u>2308 Shaylene Way</u> City: <u>Alpine</u> State: <u>CA</u> Zip: <u>91901</u> Phone: <u>619-647-9062</u> Email: <u>tom@tlscanlanconstruction.com</u>	Contractor	757925	Trench Repair	\$89,500.00	ELBE	City of San Diego

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- Certified Minority Business Enterprise
- Certified Disadvantaged Business Enterprise
- Other Business Enterprise
- Certified Small Local Business Enterprise
- Woman-Owned Small Business
- Service-Disabled Veteran Owned Small Business
- MBE
- DBE
- OBE
- SLBE
- WoSB
- SDVOSB
- Certified Woman Business Enterprise
- Certified Disabled Veteran Business Enterprise
- Certified Emerging Local Business Enterprise
- Small Disadvantaged Business
- HUBZone Business
- WBE
- DVBE
- ELBE
- SDB
- HUBZone

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- City of San Diego
- California Public Utilities Commission
- State of California's Department of General Services
- State of California
- CITY
- CPUC
- CADoGS
- CA
- State of California Department of Transportation
- San Diego Regional Minority Supplier Diversity Council
- City of Los Angeles
- U.S. Small Business Administration
- CALTRANS
- SRMSDC
- LA
- SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Alta La Jolla Drainage Repair Project - PH 2 Note: (This is a JOC Project requiring 15% ELBE/SLBE Participation)

TYPE OF PROJECT: Storm Drain Repair & Replacement DOLLAR VALUE OF PROJECT: \$4,058,489.97

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, or SDVOSB®	WHERE CERTIFIED®
Name: <u>Vic Salazar Communications</u> Address: <u>2514 Jamacha Rd. #502-21</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92019</u> Phone: <u>619-517-4744</u> Email: <u>vic@vicsalazar.com</u>	Vendor	N/A	Liaison	\$13,500.00	ELBE	City of San Diego
Name: <u>McGrath Consulting</u> Address: <u>PO Box 2488</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92021</u> Phone: <u>619-250-2025</u> Email: <u>mwm@mcswwppp.com</u>	Designer	N/A	SWPPP	\$ 99,265.41	ELBE	City of San Diego

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Alta La Jolla Drainage Repair Project - PH 2. Note: (This is a JOC Project requiring 15% ELBE/SLBE Participation)  
 TYPE OF PROJECT: Storm Drain Repair & Replacement DOLLAR VALUE OF PROJECT: \$4,058,489.97

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, or SDVOSB®	WHERE CERTIFIED®
Name: <u>TL Scanlan Const. Services</u> Address: <u>2308 Shaylene Way</u> City: <u>Alpine</u> State: <u>CA</u> Zip: <u>91901</u> Phone: <u>619-647-9062</u> Email: <u>tlscanlan@cox.net</u>	Contractor	757925	Structures	\$ 158,523.92	ELBE	City of San Diego
Name: <u>Habitat Restoration Sciences Inc.</u> Address: <u>4901 El Camino Real #D</u> City: <u>Carlsbad</u> State: <u>CA</u> Zip: <u>92008</u> Phone: <u>760-479-4210</u> Email: <u>kmathews@hrs.dudek.com</u>	Contractor	842661	Reveg. / Maintenance	\$ 261,214.50		

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

② As appropriate, Design-Builder shall indicate if Subcontractor or Supplier is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Alta La Jolla Drainage Repair Project - PH 2 Note: (This is a JOC Project requiring 15% ELBE/SLBE Participation)  
 TYPE OF PROJECT: Storm Drain Repair & Replacement DOLLAR VALUE OF PROJECT: \$4,058,489.97

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>Ⓞ</sup>	WHERE CERTIFIED <sup>Ⓞ</sup>
Name: <u>Pacific Rim Hydroseeding Inc.</u> Address: <u>28319 Valley Center Rd.</u> City: <u>Valley Center</u> State: <u>CA</u> Zip: <u>92082</u> Phone: <u>760-751-7055</u> Email: <u>teresa.pacificrim@yahoo.com</u>	Contractor	886257	Hydroseed	\$ 45,096.55		
Name: <u>Habitat West Inc.</u> Address: <u>2067 Wineridge Pl. #13</u> City: <u>Escondido</u> State: <u>CA</u> Zip: <u>92029</u> Phone: <u>760-735-9378</u> Email: <u>ghurst@habitatwest.com</u>	Contractor	672030	Mitigation	\$ 4,030.00	SLBE	City of San Diego

Ⓞ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

Ⓟ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Alta La Jolla Drainage Repair Project - PH 2.Note: (This is a JOC Project requiring 15% ELBE/SLBE Participation)  
 TYPE OF PROJECT: Storm Drain Repair & Replacement DOLLAR VALUE OF PROJECT: \$4,058,489.97

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, or SDVOSB <sup>®</sup>	WHERE CERTIFIED <sup>®</sup>
Name: <u>Legend Fence Corp.</u> Address: <u>3559 Vista Ave.</u> City: <u>Lemon Grove</u> State: <u>CA</u> Zip: <u>91945</u> Phone: <u>619-282-6000</u> Email: <u>mddavis31@legendfencecorp.com</u>	Contractor	787570	Fencing	\$ 6,469.00		
Name: <u>North County Gunite</u> Address: <u>13739 Hwy 8 Business</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92021</u> Phone: <u>619-561-5510</u> Email: <u>estimating@northcountygunit.com</u>	Contractor	383840	Gunite Ditch	\$ 38,659.40	SLBE	City of San Diego

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Alta La Jolla Drainage Repair Project - PH 2 Note: (This is a JOC Project requiring 15% ELBE/SLBE Participation)  
 TYPE OF PROJECT: Storm Drain Repair & Replacement DOLLAR VALUE OF PROJECT: \$4,058,489.97

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB®	WHERE CERTIFIED®
Name: <u>Loveless &amp; Linton Consulting</u> Address: <u>1421 W. Lewis St.</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92103</u> Phone: <u>619-922-0718</u> Email: <u>rebekah@loveless-linton.com</u>	Vendor	N/A	Archeo/ Paleo Monitoring	\$ 38,083.00	SLBE	City of San Diego
Name: <u>Cats Excavating Inc.</u> Address: <u>1944 54th Street</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92105</u> Phone: <u>619-843-7086</u> Email: <u>catsexcavatinginc@yahoo.com</u>	Contractor	790422	Grading	\$333,893.82	ELBE	City of San Diego

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Water Group 944 Note: (This is a JOC Project requiring 15% ELBE/SLBE Participation)  
 TYPE OF PROJECT: Water Replacement Project DOLLAR VALUE OF PROJECT: \$2,440,440.18

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB®	WHERE CERTIFIED®
Name: <u>PAL General Engineering</u> Address: <u>5374 Eastgate Mall</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92121</u> Phone: <u>858-638-7100</u> Email: <u>davep@palsd.com</u>	Contractor	916931	AC Overlay	\$425,363.46	SLBE	City of San Diego
Name: <u>McGrath Consulting</u> Address: <u>PO Box 20205</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92021</u> Phone: <u>619-250-2025</u> Email: <u>mwm@mcswwpp.com</u>	Designer	N/A	WPCP	\$600.00	ELBE	City of San Diego

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**



**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Water Group 944 Note: (This is a JOC Project requiring 15% ELBE/SLBE Participation)  
 TYPE OF PROJECT: Water Replacement Project DOLLAR VALUE OF PROJECT: \$2,440,440.18

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, or SDVOSB®	WHERE CERTIFIED®
Name: <u>LSI Road Marking</u> Address: <u>PO Box 2426</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92021</u> Phone: <u>619-443-7755</u> Email: <u>estimating@lsiroadmarking.com</u>	Contractor	775886	Striping	\$ 2,700.00	SLBE	City of San Diego
Name: <u>Vic Salazar Communications</u> Address: <u>2514 Jamacha Rd. #502-21</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92019</u> Phone: <u>619-517-4744</u> Email: <u>vic@vicsalazar.com</u>	Vendor	N/A	Community Liasion	\$16,075.00	ELBE	City of San Diego

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- Certified Minority Business Enterprise
- Certified Disadvantaged Business Enterprise
- Other Business Enterprise
- Certified Small Local Business Enterprise
- Woman-Owned Small Business
- Service-Disabled Veteran Owned Small Business

- MBE
- DBE
- OBE
- SLBE
- WoSB
- SDVOSB

- Certified Woman Business Enterprise
- Certified Disabled Veteran Business Enterprise
- Certified Emerging Local Business Enterprise
- Small Disadvantaged Business
- HUBZone Business

- WBE
- DVBE
- ELBE
- SDB
- HUBZone

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- City of San Diego
- California Public Utilities Commission
- State of California's Department of General Services
- State of California
- CITY
- CPUC
- CADoGS
- CA
- State of California Department of Transportation
- San Diego Regional Minority Supplier Diversity Council
- City of Los Angeles
- U.S. Small Business Administration
- CALTRANS
- SRMSDC
- LA
- SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Water Group 944 Note: (This is a JOC Project requiring 15% ELBE/SLBE Participation)  
 TYPE OF PROJECT: Water Replacement Project DOLLAR VALUE OF PROJECT: \$2,440,440.18

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB®	WHERE CERTIFIED®
Name: <u>Southwest Signal Service</u> Address: <u>397 Raleigh Ave.</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92020</u> Phone: <u>619-442-3343</u> Email: <u>dlebeau@southwestsignal.com</u>	Contractor	451115	Traffic Loops	\$32,150.00	SLBE	City of San Diego
Name: <u>TL Scanlan Const. Services</u> Address: <u>2308 Shaylene Way</u> City: <u>Alpine</u> State: <u>CA</u> Zip: <u>91901</u> Phone: <u>619-647-9062</u> Email: <u>tom@tlscanlanconstruction.com</u>	Contractor	757925	AC Paving & Trenchless Water Service	\$71,327.15	ELBE	City of San Diego

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- Certified Minority Business Enterprise
- Certified Disadvantaged Business Enterprise
- Other Business Enterprise
- Certified Small Local Business Enterprise
- Woman-Owned Small Business
- Service-Disabled Veteran Owned Small Business
- MBE
- DBE
- OBE
- SLBE
- WoSB
- SDVOSB
- Certified Woman Business Enterprise
- Certified Disabled Veteran Business Enterprise
- Certified Emerging Local Business Enterprise
- Small Disadvantaged Business
- HUBZone Business
- WBE
- DVBE
- ELBE
- SDB
- HUBZone

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- City of San Diego
- California Public Utilities Commission
- State of California's Department of General Services
- State of California
- CITY
- CPUC
- CADoGS
- CA
- State of California Department of Transportation
- San Diego Regional Minority Supplier Diversity Council
- City of Los Angeles
- U.S. Small Business Administration
- CALTRANS
- SRMSDC
- LA
- SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST**

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Water Group 944 Note: (This is a JOC Project requiring 15% ELBE/SLBE Participation)

TYPE OF PROJECT: Water Replacement Project DOLLAR VALUE OF PROJECT: \$2,440,440.18

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>Ⓞ</sup>	WHERE CERTIFIED <sup>Ⓞ</sup>
Name: <u>American Asphalt South</u> Address: <u>Po box 310036</u> City: <u>Fontana</u> State: <u>CA</u> Zip: <u>92331</u> Phone: <u>909-427-8276</u> Email: <u>lyle@americanasphaltsouth.com</u>	Contractor	784969	Slurry Seal	\$50,647.31		
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

Ⓞ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- Certified Minority Business Enterprise MBE
- Certified Disadvantaged Business Enterprise DBE
- Other Business Enterprise OBE
- Certified Small Local Business Enterprise SLBE
- Woman-Owned Small Business WoSB
- Service-Disabled Veteran Owned Small Business SDVOSB
- Certified Woman Business Enterprise WBE
- Certified Disabled Veteran Business Enterprise DVBE
- Certified Emerging Local Business Enterprise ELBE
- Small Disadvantaged Business SDB
- HUBZone Business HUBZone

Ⓟ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- City of San Diego CITY
- California Public Utilities Commission CPUC
- State of California's Department of General Services CADOGS
- State of California CA
- State of California Department of Transportation CALTRANS
- San Diego Regional Minority Supplier Diversity Council SRMSDC
- City of Los Angeles LA
- U.S. Small Business Administration SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

## APPENDIX E

### Financial Information and Arrangements

---

STATEMENT OF QUALIFICATIONS FOR





THE CITY OF SAN DIEGO

April 15, 2016

**Vendor Account Number:** 291284

Mike Henderson

KTA Construction, Inc.

821 Tavern Rd.

Alpine, CA 91901

We have reviewed and evaluated your questionnaire and are pleased to inform you that KTA Construction, Inc., under license number 398284, is prequalified for a maximum bidding capacity of \$30,000,000.00 per project.

Effective the date of this letter, you are eligible to bid on City of San Diego public works projects valued at up to \$30,000,000.00, excluding those that are administered by the Small Local Business Enterprise Program (unless you meet the program requirements). Your prequalification is valid until 04/30/2018. After that date, you will not be allowed to bid on City of San Diego public works projects until your prequalification is renewed.

You have five (5) working days from the date of this letter to contact me should you have any questions concerning your designated status. I can be reached at (619) 533-3474 or email [DStucky@sandiego.gov](mailto:DStucky@sandiego.gov).

We appreciate your interest in applying for prequalification and look forward to your participation on future projects.

Sincerely,

A handwritten signature in black ink, appearing to read "David Stucky".

David Stucky

Contractor Prequalification Program

**Contracts Division • Public Works Department**

1010 Second Ave, Suite 1400 • San Diego, California 92101-4905  
Tel: (619) 533-3450 Fax: (619) 533-3633





## THE GUARANTEE COMPANY OF NORTH AMERICA USA

1800 Sutter Street, Suite 880  
Concord, CA 94520  
Tel 925-566-6040  
Fax 925-566-6045

April 11, 2016

City of San Diego

RE: KTA Construction, Inc.  
Pre-Qualification

To Whom It May Concern:

The Guarantee Company of North America USA, has issued surety bonds for KTA Construction, Inc. since 2008, during which time we have favorably considered projects up to \$30,000,000 with a potential aggregate work program of approximately \$40,000,000. Our experience with KTA Construction, Inc. has been excellent, and we highly recommend them to you.

The Guarantee Company of North America USA's decision to issue any bond is conditioned upon acceptable review of contract terms, contract amount, bond forms, and financing for each project as well as other pertinent underwriting information at the time of the request. The Guarantee Company of North America USA is listed in the Department of Treasury's Listing of Approved Sureties (Department Circular 570) with an underwriting limitation of \$16,627,000 and carries an A.M. Best rating of "A VIII".

Please understand that any arrangement for any bonds is a matter between the KTA Construction, Inc. and The Guarantee Company of North America USA and we assume no liability to third parties or you if, for any reason, we do not issue requested bonds.

Should you have any questions, please do not hesitate to call at (619) 849-3832.

Sincerely,

Lawrence F. McMahon  
Attorney-in-Fact

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT** Civil Code § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

STATE OF CALIFORNIA }

County of San Diego

On APR 11 2016 before me, Janice R. Martin, Notary Public,  
Date Insert Name of Notary exactly as it appears on the official seal

personally appeared Lawrence F. McMahon  
Name(s) of Signer(s)



Place Notary Seal Above

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/it/they executed the same in his/her/its/their authorized capacity(ies), and that by his/her/its/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Signature [Handwritten Signature]  
Signature of Notary Public Janice R. Martin

**OPTIONAL**

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of the form to another document.

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer is Representing: \_\_\_\_\_



The Guarantee Company of North America USA  
Southfield, Michigan

POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS: That THE GUARANTEE COMPANY OF NORTH AMERICA USA, a corporation organized and existing under the laws of the State of Michigan, having its principal office in Southfield, Michigan, does hereby constitute and appoint

Lawrence F. McMahon, Maria Vhanneza Guise, Sarah Myers, Charlotte Aquino, James D. Castle, Jennifer L. Clampert, Janice Martin  
Alliant Insurance Services, Inc.

its true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise.

The execution of such instrument(s) in pursuance of these presents, shall be as binding upon THE GUARANTEE COMPANY OF NORTH AMERICA USA as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at the principal office.

The Power of Attorney is executed and may be certified so, and may be revoked, pursuant to and by authority of Article IX, Section 9.03 of the By-Laws adopted by the Board of Directors of THE GUARANTEE COMPANY OF NORTH AMERICA USA at a meeting held on the 31<sup>st</sup> day of December, 2003. The President, or any Vice President, acting with any Secretary or Assistant Secretary, shall have power and authority:

- To appoint Attorney(s)-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof; and
- To revoke, at any time, any such Attorney-in-fact and revoke the authority given, except as provided below
- In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.
- In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner – Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

Further, this Power of Attorney is signed and sealed by facsimile pursuant to resolution of the Board of Directors of the Company adopted at a meeting duly called and held on the 6th day of December 2011, of which the following is a true excerpt:

RESOLVED that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, contracts of indemnity and other writings obligatory in the nature thereof, and such signature and seal when so used shall have the same force and effect as though manually affixed.



IN WITNESS WHEREOF, THE GUARANTEE COMPANY OF NORTH AMERICA USA has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, this 23rd day of February, 2012.

THE GUARANTEE COMPANY OF NORTH AMERICA USA

Stephen C. Ruschak, Vice President

Randall Musselman, Secretary

STATE OF MICHIGAN  
County of Oakland

On this 23rd day of February, 2012 before me came the individuals who executed the preceding instrument, to me personally known, and being by me duly sworn, said that each is the herein described and authorized officer of The Guarantee Company of North America USA; that the seal affixed to said instrument is the Corporate Seal of said Company; that the Corporate Seal and each signature were duly affixed by order of the Board of Directors of



Cynthia A. Takai  
Notary Public, State of Michigan  
County of Oakland  
My Commission Expires February 27, 2018  
Acting in Oakland County

IN WITNESS WHEREOF, I have hereunto set my hand at The Guarantee Company of North America USA offices the day and year above written.

I, Randall Musselman, Secretary of THE GUARANTEE COMPANY OF NORTH AMERICA USA, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by THE GUARANTEE COMPANY OF NORTH AMERICA USA, which is still in full force and effect.



IN WITNESS WHEREOF, I have thereunto set my hand and attached the seal of said Company this 11th day of April, 2016

Randall Musselman, Secretary





The City of

# SAN DIEGO



**MULTIPLE AWARD DESIGN-BUILD CONTRACTS (MACC) FOR WATER, WASTEWATER, AND STORMWATER PIPELINE PROJECTS**

Proposal No: K-17-1518-MAC-3

March 21, 2017



## SECTION 2.1: ADDENDA TO THIS RFQ

---

Orion Construction Corporation and our Design Partners certify that we have received all addenda to the RFQ.

Addendum 1 – March 16, 2017

## SECTION 2.2: IDENTIFICATION OF THE DESIGN BUILDER

---

### Prime Contractor

Orion Construction Corp.  
2185 La Mirada Drive  
Vista, CA 92081  
Contact: Rob Wilson, VP  
Phone: (760) 597-9660  
Contractor License:  
#549309, Class A, B  
Expires: 11/30/2018  
City License:  
#B1992002970  
Expires: 03/31/2017  
Entity Established:  
11/22/1988  
103 employees in SD

### Design Partner

GHD Inc.  
9370 Sky Park Ct #140  
San Diego, CA 92123  
Contact: Greg Watanabe  
Phone: (858) 244-0440  
California RCE #67618  
Expires: 06/30/2017  
Office in San Diego  
County for 15 Years  
10 employees in SD  
City License#  
B2012013164

### Design Partner

Harris & Associates  
600 B Street, Suite 2000  
San Diego, CA 92101  
Contact: Gary Yagade  
Phone: (619) 814-9509  
California RCE#43204  
Expires: 03/31/2018  
  
Office in San Diego  
County for 18 years  
35 employees in SD  
City License#  
B1999005573

## SECTION 2.3: EXCEPTIONS TO THIS RFQ

---

Orion and our Design Partners take no exceptions to this RFQ and its attachments. See signed “Certifications of Exceptions to the Request for Qualifications” in Appendix A.

## SECTION 2.4: EXECUTIVE SUMMARY

---

### **Project Understanding**

The City of San Diego requires the services of experienced contractors to design and construct Design-Build (D/B) projects for the Multiple Award Construction Contracts (MACC) for water, wastewater, and stormwater pipeline projects. This SOQ is the first step in the City's procurement process to identify up to five D/B firms who will be approved to compete for various D/B City projects which will be identified at a later date.

### **Project team**

Orion Construction Corporation (Orion) is a locally owned and operated general engineering construction company that specializes in water, wastewater, and storm drain resource infrastructure construction projects. Orion, which opened for business in 1988, has steadily grown in size and capabilities, reaching a level where it can now provide construction and management services for single projects up to \$40 million in value. Projects are supported by a permanent staff of over 100 experienced employees and a substantial fleet of wholly owned construction equipment based out of San Diego County. Orion has a strong history of completing high-quality projects that are on schedule and on budget. Orion has been the recipient of numerous ASCE, APWA, and DBIA awards on design-build projects. Orion and City staff are both actively involved in the Industry Liaison committees. This involvement has allowed City staff to effectively communicate the quantity, schedule, and scope of projects envisaged by the City to Orion in a meaningful way. This collaboration has allowed us to align our long-term company resource planning with anticipated City goals for the number, size, and scope of upcoming D/B procurement. Orion structured its teaming partners for this program such that the project load is shared between large and small partners including the broadest possible pool of SLBE/ELBE's.

Orion has teamed up with two (2) design firms, Harris and Associates (Harris) and GHD, for the City of San Diego MACC. Both specialize in the planning, design, and construction management of waste/wastewater infrastructure. Harris and Orion have completed numerous water and sewer design-build group jobs for the City under the previous two City MACCs. GHD also has a long D/B history of infrastructure upgrades with Orion and various clients, including the City of San Diego and NAVFAC Southwest. By utilizing two large multidisciplinary design firms, Orion can ensure that it can pursue each task order issued under the MACC without staffing availability conflicts. Orion, Harris, and GHD team have collaborated on D/B projects for ten years, building 24 D/B projects valued at over \$125M. It leverages the industry's leading strengths of Design and Construction. This specialized collaboration of veteran designers, contractor, and construction managers will enable the team to meet the mandates of this assignment, and demonstrate our commitment to working relationships with the City of San Diego.

### **Experience and Technical Competence**

The D/B Team has extensive experience providing design and construction services on City projects. Orion has completed 29 Design-Build (D/B) projects in San Diego County with elements identical to those anticipated for this MACC program. Orion has performed the design and construction of the following City of San Diego's D/B Projects: Water Group 921, Water Group 922, Water Group 926, Scripps Ranch Pump Station, Colony Hill Water Main Replacement, El Capitan Pipeline #2 Valve Replacement, Recycled Water Retrofit Projects, Storm Water BMP retrofits, and Sewer Group Job 743. Currently, the Orion Team is designing and constructing the



City's Water Group Job 1010/1005, Sodium Hypochlorite Upgrades, Catalina 12" Cast Iron and Sewer Main, Meadow Lark Water Main Replacement and Group Job 1019 project. Each individual team members have also independently designed and constructed numerous projects for the City.

### **Proposed Method to Accomplish the Work**

Orion's approach to performing the construction is aggressive and responsible. Jason Danks will be selected as the Design-Build Project Manager for this MACC. Throughout the Design-Build process, he will manage the project design and construction teams, integrating them with one another early in the projects to adhere to Orion's D/B stepped process as outlined in Section 2.6. Jason will assign a full-time construction manager and hold regular formal meetings to review all aspects of design, construction, operations, permits, and other coordination issues among the team members. Jason will be the focal point for communication with the City. As a veteran of the City's D/B program, Jason has the skill and experience necessary to successfully complete the design, construction, and start-up of project anticipated for this MACC on schedule.

### **Knowledge and Understanding of the Local "Environment"**

The Team consists of San Diego based firms with prior experience serving the regional water and wastewater industry. Each firm, and all designated key staff, have extensive local experience within the San Diego area, particularly with the City of San Diego wastewater and water systems. They will be committed to the project for its duration. The team is well versed in the City design and construction protocol and has successfully integrated with the numerous other agencies which require interaction when building in the public right of way.

### **Project Organization and Key Personnel**

Rob Wilson (Project Director), Jason Danks (D/B Project Manager), Gail Masutani (Harris Manager), and Phil Slagel (GHD Manager) have taken careful consideration in choosing the right team for this project. Orion has assembled an outstanding team of key professionals, support personnel, and subcontractors to successfully deliver this program to the City of San Diego. The most qualified firms and individuals have been chosen for this project based on their past experiences, qualifications, and understanding of what is required for project success. The D/B Team is committed to keeping all key personnel employed on the project until it is completed.

### **Equal Employment and Contracting Opportunity**

The Team affirmatively provides equal opportunity to all employees and qualified applicants for employment without regard to race, color, national origin, ancestry, sex, sexual orientation, marital status, citizenship status, military service status, or any other characteristics protected by State or Federal law or local ordinance. Where capabilities and opportunities match, disadvantaged emerging business enterprises will be selected to work on this project. We will perform a comprehensive subcontractor outreach to obtain qualified subcontractors and vendors. Orion has consistently met or exceeded all City goals for SLBE/ELBE/DVBE participation on all projects.



**Richard Dowsing, President**  
**Orion Construction Corporation**



## 2.5: EXPERIENCE AND TECHNICAL COMPETENCE

### 2.5.1 Experience in Completing Similar Design –Build Efforts

Orion has selected three (3) design-build projects that encompass nearly all of the RFQ experience elements and are of similar nature to the proposed MACC projects. All projects were completed within the past five years.

The three reference public projects are listed below:

- City of San Diego – D/B Scripps Ranch Pump Station
- City of San Diego – D/B Water Group Job 922
- City of San Diego – D/B Sewer Group Job 743

Project descriptions and client references for the three (3) projects are included in the project write-ups on pages 7-9.

### 2.5.2 Construction Methodologies

Orion has completed over 25 design-build water, wastewater, stormwater pipeline, and pump station projects for the City of San Diego, Naval Facilities Engineering Command (NAVFAC) Southwest and other local public agencies over the past five years. We have included a representative selection of design-build projects in our identified reference projects as well as a matrix of many of our other design-build projects covering all of the experience elements described in the RFQ.

In addition to the listed three projects, Orion's recently completed D/B projects in wet utility construction have allowed it to develop a broad understanding of a successful delivery method from start to finish. Over the past five years we have completed, or are currently working on 29 D/B projects in San Diego County with identical elements to those anticipated for this MACC program. A few of these projects include: *City of San Diego D/B Group Job 926* consisting of 2.47 miles of 6-inch to 12-inch water main replacement, trenchless installation, water service connections, and pressure reducing station and associated electrical and instrumentation; the *City of San Diego's GJ 790* consisting of 23,000 LF of 6" to 12" water main replacement; the *City of San Diego D/B Stormwater Permanent BMP Retrofit* project where the Orion and Harris Team has completed design and construction of nine permanent BMP's at various public facilities throughout San Diego to bring them in compliance with stormwater regulations; and the *Via Esprillo Storm Emergency Storm Drain Project* which repaired a major storm drain and slope failure, earning APWA's project of the Year award.



“Orion is a contractor that is a good communicator and works well with stakeholders. For this project they worked well with coordinating work within Point Loma Nazarene University campus to install over 1000’ of water main and to eliminate conflicts for spring graduation... They are team players..., and also know how to coordinate with adjacent projects.”  
-Sarah Chavez

*City of San Diego DB GJ 926*

Orion has demonstrated the ability to perform in the “MACC” environment. Orion has participated on the City’s \$100M 2012 and \$100M 2015 MACC Programs. Orion has also served as a prime contractor on the Navy’s previous 2010 \$350 million Wet Utility MACC and the \$100M 2015 Wet Utility MACC. Orion has four MACC projects in progress for a contract value of \$34M with the City of San Diego and five Navy MACC projects valued at \$28M. Under these MACCs, Orion completed a water reservoir rehabilitation, two (2) potable water pump station upgrades, and two (2) pipeline projects. The total value of the sixteen NAVFAC MACC task orders awarded to Orion is \$46.5M. We bring this experience to the City’s MACC program, ensuring the best possible outcome and the commitment to strive for outstanding performance.

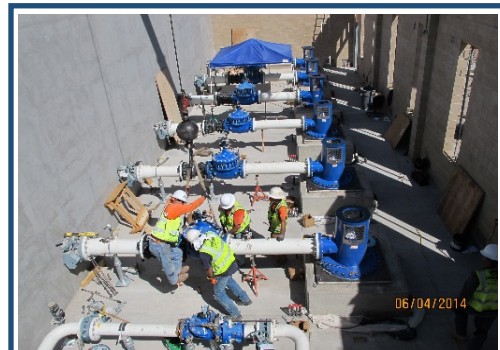


*City of San Diego DB Stormwater BMPs*

In addition to the City and Navy MACC programs, Orion has also performed significant Design-Build water and sewer infrastructure work for NAVFAC on the P-1044 Treatment Plant and Conveyance Facilities and the P-1045 Potable Water Conveyance Facilities totaling \$67M.

The proposed Design-Build Team of Orion, Harris, and GHD has maintained a long-standing and continuous design-build relationship on numerous San Diego area utility infrastructure projects. The attached Experience Table on page 6 clearly demonstrates Orion’s experience and capability to complete any MACC project.

**2.5.2.A Facility Experience** - As demonstrated in our Experience Table, Orion has completed four (4) design-build pump station projects, one for the City of San Diego and three for the Navy, and all in San Diego County. Over the last ten years, Orion has completed construction of 45 design-bid-build pump stations. All required construction, repair, rehabilitation, and operation to be conducted simultaneously using significant sewage bypass systems. Orion has also completed one sewage treatment plant upgrade for NAVFAC. Orion is currently constructing two City of San Diego treatment plant facility upgrades, one NAVFAC sewage pump station upgrade, two new NAVFAC pump stations, and one completely new treatment plant at Camp Pendleton. Harris and GHD both have numerous Treatment Plant and Pump Station facilities which they have successfully designed for multiple agencies both locally and nationally.



*City of San Diego Scripps Ranch PS*

**2.5.2.B List of Design-Build Facilities** - Orion has completed twenty design-build projects in San Diego County within the past five years.

**2.5.2.C Record of timely completion** – Orion has completed all design-build projects on time.

## Orion's Local Design and Build Projects

PROJECT NAME	OWNER	VALUE
Water Group Job 921	City of San Diego	\$2.3M
<b>Water Group Job 922</b>	<b>City of San Diego</b>	<b>\$2.6M</b>
El Capitan Water Valve #2 Replacement	City of San Diego	\$847K
Recycled Water Retrofit	City of San Diego	\$1.6M
Colony Hills Watermain Replacement	City of San Diego	\$1.1M
Water Group Job 926	City of San Diego	\$4.4M
32nd & Harbor Emergency Repair	City of San Diego	\$3M
Pump Station 64 Repair	City of San Diego	\$1.5M
Pump Station 27 Repair	City of San Diego	\$1.9M
<b>Scripps Ranch Pump Station</b>	<b>City of San Diego</b>	<b>\$9.7M</b>
Water Group Job 790	City of San Diego	\$6.3M
Old Rose Canyon Trunk Sewer Relocation	City of San Diego	\$5.3M
Storm Water BMP Retrofit	City of San Diego	\$1.6M
<b>Sewer Group Job 743</b>	<b>City of San Diego</b>	<b>\$3.2M</b>
AC Water Group 1010 & 1005	City of San Diego	\$4.3M
Catalina Water & Sewer Main	City of San Diego	\$18.4M
Meadowlark Health Center Drive Water Main Project	City of San Diego	\$5.3M
Otay Water Treatment Plant Concrete Work	City of San Diego	\$1.2M
AC Water Group 1019	City of San Diego	\$5.9M
Sodium Hypochlorite at Otay	City of San Diego	\$2.9M
Cummings Rd ACP Wtr Reline & Valve Replace	Navy	\$1.3M
Repair-Upgrade Wtr Pump Station 325, Pt Loma	Navy	\$643K
P1045 Pipelines Wtr PL, PS, Conc Tank, HDD	Navy	\$23M
P113 Brineline Foremain, Camp Pendleton	Navy	\$5.3M
P1046B Pipelines Std Tanks, RW PL, PS, Wells	Navy	\$21M
Reservoir Roof Replacement, Camp Pendleton	Navy	\$1.8M
SERE Camp Sewage Trmmt Plant Upgrade	Navy	\$1.4M
P1044 Conveyance Pipelines	Navy	\$30M
P1044 Treatment Plant	Navy	\$14M
P1043 Pipelines and HDD, Trenchless, Camp Pen	Navy	\$3.6M
Repair/Upgrade PS 324, Pt Loma	Navy	\$880K
16" Water Replacement NAS North Island	Navy	\$2.3M
SPAWAR Waterline Upgrade Phase II	Navy	\$1.3M
Repair Overflow Reservoir, MCB Pendleton	Navy	\$474K
Repair Sewer Mains, MCLB Barstow	Navy	\$1.79M
Repair Tuberculated Waterlines, MCB Pendleton	Navy	\$983K
Demolish Sewage Treatment Plant 11,12,13	Navy	\$3.5M
Repair 1MG Water Tank, San Clemente Island	Navy	\$4.4M
Repair Domestic Water Piping, MCRD	Navy	\$1.4M
La Bonita Park Water Facilities	City of La Habra	\$9.0M

Type	Facility Type								Pipeline Methods					Other					Treatment Plants / Pump Stations				DB							
	Water	Waste & Recycled Water	Stormwater	Pipeline	Treatment Plant	Pump Station	PRS	Foremain / Siphon	Highlining	Inlets & Baffle Boxes	New Construction	Replace & Rehab	Open Trench	Parallel Pipeline	Abandon \ Removal	Trenchless	Pipe Lining	Service Connections	Sewer Replumbs	Sewage ByPass	Curb Ramps, C&G	Asbestos Removal	Operating	Maintaining	Repair	New Construction	Operate During Retrofit	Design Build	Design Partner	
	X			X			X			X	X	X	X	X			X			X	X							X	Harris	
	X			X			X			X	X	X	X	X			X			X	X							X	Harris	
	X			X		X		X		X	X	X																X	Harris	
		X		X		X				X	X	X		X			X			X								X	Harris	
	X			X						X	X	X	X	X			X											X	Harris	
	X	X		X			X	X	X	X	X	X	X	X		X			X	X								X	Harris	
	X			X		X				X	X	X		X	X									X	X	X	X		X	Harris
	X		X	X						X	X	X	X	X	X				X	X	X							X	Harris	
	X	X	X	X				X	X	X	X	X	X	X	X				X	X	X							X	Harris	
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X		X	X				X	X	X	X	X	X	X	X									X	X	X	X		X	Harris
	X																													

# D/B SCRIPPS RANCH PUMP STATION

The Orion Construction DB Team successfully designed and constructed the Scripps Ranch Pump Station Project, a critical facility within the Miramar service area, which supplies over 90% of the water to the Scripps Ranch area.

The project consisted of the design and construction of the following: 2400 SF potable water pump station with **three 1,700 GPM pumps and three 3,000 GPM Pumps; yard piping and connections to existing 66" and 84" pipelines;** Underground flow meter and control valve vaults and piping; emergency auxiliary generator connection; **4,500 Gallon Steel Surge Tank**, air over water type, with air cushion supplied by air compressor; **CMLC Welded Steel Potable Water Pipelines, 180 LF of 36" suction pipeline** connected to existing 66" and 84" CMLC pipelines; **240 LF of 30" discharge pipeline** connected to existing 20" SCRW pipelines; **720 LF of 6" PVC gravity pipeline** connected to existing manhole; cast- in- place

reinforced concrete footings and slabs; cast-in-place reinforced concrete retaining walls; and integration with existing SCADA and controls infrastructure.

The project required close coordination with City of San Diego Water Operations to **successfully integrate the new pump station facility with the existing 84" Miramar 2A Pipeline and the 66" Miramar Distribution Pipeline.**

The team developed a Tie-In and Connection Plan as well as an **Emergency Response Plan** for this work to ensure that the connections were done safely and without interruption to existing water services in the area. Photos of the construction are included in Appendix F.

**The Scripps Ranch Pump Station was the 2015 APWA Project of the Year.**

## Information

•••

Initial Contract: **\$9,740,000**

Final Contract: **\$9,667,294**

Owner: **City of San Diego**

**Anh Nguyen**

**Project Manager**

**(858) 627-3266**

**[anguyen@sandiego.gov](mailto:anguyen@sandiego.gov)**

Dates Work Performed:

**Aug 2011 – June 2015**

**DVBE / SLBE/ ELBE**

•••

Goal: **10%**

Achieved: **32%**

## Key Elements

•••

**Masonry Pump Station**

**1,700 and 3,000 GPM Pumps**

**Mechanical Piping**

**36" and 30" Discharge Piping**

**Control Valves**

**Underground Valve Vaults**

**Emergency Generator**

**Connection to Existing Mains**

**SCADA Integration**

**Permanent Storm Water BMP**





# D/B WATER GROUP JOB 922

Design Build Water Group 922 was part of the City's ongoing cast iron water main replacement program. The project involved the **removal and replacement of new 8" and 12" potable water main** and appurtenances. Orion installed approximately **1.4 miles of new water main** as well as new **water services, fire hydrants, valve boxes, blow offs and air releases**. In addition to the water work, the project also required **temporary above grade highlining, removal and disposal of asbestos cement pipe, installation of ADA ramps, and AC paving**.

Orion teamed with **Harris and Associates** on this design-build effort. They served as Designer of Record (DOR) for

this project and prepared design drawings and specifications in accordance with RFP and City of San Diego requirements. Harris performed field investigation, data collection, basis of design report, and three design submittal packages (30% design, 75% design, final design). Civil design included new water mains, fire hydrants, water service laterals, ADA curb ramps, asphalt paving, and traffic engineering. The DOR provided shop drawing submittal review, RFI responses, and final record drawings for City approval.

"Orion worked closely with the City of San Diego Team to minimize customer impacts by moving schedules around or shifting working hours to the weekend or night time when needed to accommodate businesses..."

-Clemens Wassenberg

## Information

•••

Initial Contract: **\$2,647,000**  
Final Contract: **\$2,629,216**  
Owner: **City of San Diego**  
**Clemens Wassenberg**  
Project Manager  
(619) 218-8404  
cwassenberg@sandiego.gov

Dates Work Performed:  
**Nov 2011 – May 2014**

## DVBE / SLBE/ ELBE

•••

Goal: **10.0%**  
Achieved: **28.1%**

## Key Elements

•••

Design-Build  
PVC Water Main Install  
AC Pipe Disposal  
Cut and Plugs  
Water Main Reconnect  
Water Service Install  
Fire Hydrant Install  
Air Vac / Blow Off Install  
Highlining  
Emergency Response Plan  
Site Concrete  
AC Paving

# D/B SEWER GROUP JOB 743

DB GJ 743 designed and replaced 7,000 LF of **sewer main** ranging from 6” to 12.” Of the total footage, 1,900 LF consisted of sewer main **rehabilitation with cured in place pipe (CIPP)**, 1,700 LF consisted of **new PVC sewer main** installation, and 3,400 LF consisted of **replace-in-place VC sewer main** with new PVC sewer main. The project also required **asphalt base paving, slurry seal, AC overlay, pedestrian ramps, site concrete, sewer lateral connections, and replumbs**. Orion partnered with Harris as the primary design firm as well as SLBE/ELBE firms for various aspects portions of design and construction.

The project consisted of fourteen sites stretching from Torrey Pines to Lemon Grove. The Orion team broke the project into **three distinct phases** to manage and coordinate the work as efficiently as possible. Each phase consisted of four to five project locations grouped by geographic area. Construction commenced at one phase at a time, and the group did not

move to the next phase until all work was completed.

Because the majority of work occurred in residential neighborhoods, the project **required zero disruptions to existing services**.

Construction crews set up and took down **sewage bypass systems** on a daily basis to ensure continuous utility service. At the end of each work shift, crews removed the bypass system and tied back into the existing sewer main. This operation allowed the site to maintain gravity flow through the night until the work shift work shift started the next day.

One of the most technically challenging portions of the project was the Pringle Street location. It called for a new manhole and new **8” PVC sewer pipe at a depth of more than 28 feet**. After analyzing the geotechnical reports, the team concluded that the safest and most efficient way to install the manhole was to utilize a **drilled CMP (corrugated metal pipe) shaft with pre-cast base and manhole sections**. The construction

## Information

• • •

Initial Contract: **\$3,147,000**

Final Contract: **\$2,990,000**

Owner: **City of San Diego**

**Riyadh Makani**

**Project Manager**

**(858) 627-3285**

[rmakani@sandiego.gov](mailto:rmakani@sandiego.gov)

Dates Work Performed:

**Jan 2015 – Mar 2017**

## DVBE / SLBE/ ELBE

• • •

**Goal (Design): 9.30%**

**Achieved: 12.42%**

**Goal (Construction): 22.30%**

**Achieved: 26.56%**

## Key Elements

• • •

**Sewer Main Rehab**

**New Sewer Main Install**

**Sewer Lateral Connections**

**Sewer Replumbs**

**New Manhole Installation**

**Manhole Rehabilitation**

**Deep Excavation**

crews used three stacked 8’x 20’ trench shields and an excavator with an extended reach arm to install the pipeline to a depth of 28 feet.



## SECTION 2.6: PROPOSED METHOD TO ACCOMPLISH THE WORK

### Technical and Management Approach to Design, Construction & Start-up

Orion has assigned Jason Danks as the Design Build Project Manager and single point of contact from project award through final startup and hand over. Jason will direct the project team to ensure the City's expectations and contract requirements are met. Jason will call upon the knowledge and experience of the Orion team to provide the most effective approach to completing each project. Jason will be responsible for: coordinating the construction and design phases, maintaining communication with the City, and developing and maintaining the project schedule the individual Design and Construction Managers assigned to task orders. This continuity ensures that each task order project is completed on time following City Guidelines.

### Technical Design Approach

For the City MACC 2017, Orion has proposed both Harris and Associates and GHD to provide design services throughout the life of the MACC program. Projects are alternated between the consultants based on their experience, current staffing availability, and schedule constraints. Utilizing two firms allows for design load sharing between the firms. In doing so, Orion can work with them to smooth out and eliminate schedule slippage caused from peak work load fluctuations periodically experienced by all consultants. Both Harris and GHD are active in City's pure design and design-build markets. This close coordination within our team results in efficient staffing and design for the City and its projects. Selection of the designer for individual task orders will be based on matching the MACC project requirements to the designer's experience as well as matching their availability to the project schedule.

Having produced many high-profile project plans and specifications for the City of San Diego, Harris and GHD have extensive experience in delivering Design-Build and Design-Bid-Build construction documents for water, wastewater, stormwater pipeline projects. Both firms are knowledgeable in the City of San Diego Standards, Manuals, and Procedures, the "Greenbook", the "Whitebook" City supplement, the City of San Diego Standard Drawings, Drainage Design Manual, Sewer Design Guide, Microstation V8 Standards, Street Design Manual, and the CALTRANS Manual of Traffic Control Devices.

Jason will lead the design manager and construction manager integration throughout the design phase by successfully implementing Orion's proven design processes to successfully manage task orders on the MACC 2017 program. The process is as follows:

- **Kickoff Meeting** – The kickoff meeting will be used to reaffirm our understanding of the City team's expectations, review the project schedule, discuss questions, and identify action items.
- **Data Gathering** – Following the **Kickoff Meeting**, Orion's Design Team will identify information that was not included in the RFP and request additional information and as-built drawings from appropriate utility agencies such as SDG&E, ATT, CATV, NAVFAC SW, etc.
- **Field Investigation, Survey, and Potholing** – The construction team will evaluate the construction corridor, identify utilities to pothole during the design phase, identify and address construction challenges, and provide feedback to the Design Team.

- **Design Concept** – Based on the *Field Investigations*, Orion’s Construction Team will coordinate with the Design Team to develop a conceptual design that will minimize public, traffic, and the environmental impact during construction.
- **Community Relations** – The Community Relations Plan will be developed during the design phase. It will identify stakeholders, include a schedule for holding community meetings, and milestones preparing/distributing door hangers.
- **Basis of Design** – The Design Team will develop a Basis of Design Report (BODR). The BODR will include the current project description, design calculations, requested deviations from City Standards, ADA curb ramp compliance, permit requirements, and project schedule.
- **Geotechnical Investigation** – using the *Design Concept* the Design Team will coordinate with the Geotechnical Engineer to perform the Geotechnical Investigation and prepare the Geotechnical Report with recommendations.
- **Design Submittal** – Utilizing the *Geotechnical Report* recommendations, *Design Concept*, and *BODR* the Design Team will prepare the design submittal. Each design submittal will include all of the information required for the level of submittal (30%, 60%, 100%).
- **Internal QA/QC Team** – Before all *Design Submittals*, Orion’s Design Build QA/QC Manager, Heidi Andrews, will review of the design submittals with the appropriate parties.
- **Preconstruction** – Once the appropriate *Design Submittal* level is approved for construction (60% or 100%) by the City, Orion will submit the project safety plan, SWPPP, SWQMP, traffic control plan, and request a preconstruction meeting.
- **Construction** – Following the *Preconstruction* meeting, Orion will coordinate with our Community Relations sub-consultant to prepare and distribute door hangers, meet with appropriate residents and businesses, re-call for USA mark outs for the entire project, coordinate construction surveying with City, obtain appropriate permits (traffic, noise), and initiate additional potholing and utility locating as appropriate. Throughout construction, Orion will hold weekly construction meetings and coordinate with adjacent projects.
- **Post Construction / Startup** – Orion will address all of the City’s punch list items, implement appropriate startup measures and training, and prepare as-built drawings.



## Construction Approach

While Jason will maintain responsibility for the overall project, he will assign a full-time Construction Project Manager during the design phase. The Construction Manager will be onsite daily and is responsible for all construction activities. The Construction Manager will be further supported with Orion’s internal staff of project engineers, experienced superintendents, and project foremen. These individuals have previously completed numerous City of San Diego public utilities projects and are familiar with the City protocol when involving multiple departments and stakeholders. They are fully versed in the latest Greenbook and Whitebook standards. Their long working history with the City and selected designers will incorporate any requirements and nuances of the City Water System in the construction of the projects.

Orion will proceed with the construction phase once the design is completed and approved by the City. Jason will ensure continuity from the project's transition from the Design Manager to the Construction Manager. This allows Orion to submit for approval and procure construction material and equipment at the earliest possible date, utilizing schedule concurrency only available to a close-knit team. Task orders will be logistically supported from our fully staffed construction office, owned yards in North County, University City, and Spring Valley, as well as our temporary yards throughout Metropolitan San Diego.

As the stormwater regulations continue to increase year after year, Orion has invested in a wide education and stormwater certification program for its staff. This program has allowed Orion to keep multiple Qualified Stormwater Developers (QSD) and Practitioners (QSP) available to each of the projects. This ensures that the City has certified personnel available to the project with not just the knowledge of how to operate scientific equipment like turbidity, chlorine, and pH meters, but the ability to augment the projects best management practices (BMP's) keeping the project in compliance throughout its ever-changing life cycle.

### **Pipeline Connections and Shutdowns**

Pipeline connections and shutdowns will be coordinated with City Water Operations Staff. All proposed connections and shutdowns will be identified on the baseline schedule the period and duration of each proposed shutdown, and the items of work which are to be accomplished will be indicated. Work will be coordinated to minimize the required number of shutdowns, a detailed plan of each shutdown or tie-in will be submitted for approval, verifying location, elevations, and materials of buried pipelines.

### **Hi-Line Experience and Approach**

The Team has extensive experience working on City of San Diego Water Group Jobs developing hi-line and cut & plug sheets and procedures for coordinating work by City forces with our work crews. We maintain an up-to-date inventory of highline material at our Vista facility.

### **Start-Up**

Orion and the design partner will perform the startup of the newly constructed City facilities. All parties pertinent to start up will be involved to provide proper and safe startup of the facility and the equipment commissioning, in accordance with the City approved plan.

Orion has been involved with the construction and startup of many City of San Diego's pipelines, pump stations, and treatment facilities. We understand the complexity of starting up and integrating new and refurbished systems into existing infrastructure. Orion starts the process by identifying the critical issues to the project startup and writing a clear and well-defined startup and test plan. The plan involves all responsible parties and is coordinated by Jason and the Construction Manager of his designation. For pipeline construction, a closely coordinated hi-line and cut and plug plan is vital for a successful startup, while facilities require additional care for the SCADA integration which utilizes existing City control infrastructure to remotely control new facilities. Prior to testing, Jason will verify all submittals have been approved and that the necessary equipment and testing equipment is on-site. A testing schedule identifying the testing activities will be prepared detailing when each subcontractor and vendor is required to be onsite to perform

their acceptance testing and startup. This method has allowed Orion to successfully startup routine pipelines to the City's more complex and first ever, onsite sodium hypochlorite generators.

### **Communication Plan to Maintain Schedule**

The first step to efficient and effective coordination is to focus the line of communication on as few people possible and hold these people accountable for the vertical communication throughout the team. This system allows each team member to know: exactly to whom they report, what level of decision-making authority they possess, and what information is to be included in their reports. The second key element of this system is redundancy at each level, so critical coordination items are not delayed due to the unavailability of the primary contact at a given moment.

The Orion management team for this project has been assembled to function in this manner. All communication between the City and the Orion team will be through Jason Danks who will serve as the primary contact. Oversight will be provided by Orion's Project Director, Rob Wilson. Jason will also be the single point of contact for the internal team coordination. All communications will either be routed through Jason, or he will be copied on all major communication between team members. This will allow Jason the ability to monitor the progress of each task and keep the project on schedule and coordinate multiple individual projects within the as-needed contract.

Jason will use the following tools to communicate project status and issues:

1. Weekly in person or Webex type meetings throughout the design phase.
2. Frequent communication via e-mail, update meetings, and telephone.
3. Weekly budget and schedule updates with key construction and design managers.
4. Written documentation of project decisions and issues.
5. A three-week look-ahead schedule updated weekly for each MACC project.
6. Critical changes will be communicated immediately.

### **Schedule Management Approach**

Jason is responsible for maintaining the design-build project schedules. The schedule will be developed using Primavera P6, with the critical path carefully tracked. He will be supported by both in-house and subcontract scheduling professionals. At weekly design and construction meetings, Jason will coordinate with design and construction project managers to determine the level of resources needed to avoid schedule slippage. This allows Jason to allocate the resources from all Orion projects to support Task Orders under this MACC to keep the projects on schedule.

## SECTION 2.7: KNOWLEDGE AND UNDERSTANDING OF LOCAL ENVIRONMENT

Our team's past experience in water, wastewater, stormwater pipeline infrastructure design and construction gives us an understanding of what it takes for a successful project. Our Design-Build Team has extensive working knowledge and understanding of the City's Water and Design Guide, Standard Drawings, and Whitebook Specifications. The depth and breadth of engineering skills from our principle design partners, combined with Orion Construction's high quality work, will provide the City with a quality finished project. The management team is within close proximity to the potential project sites, the City's downtown and Kearny Mesa offices, making it easy to schedule meetings with the City at either the City's office or the project sites. If an urgent unscheduled meeting is necessary, our local team is prepared to meet face-to-face with City staff to discuss any project issues.

### THE ORION DESIGN-BUILD TEAM HAS A CLEAR UNDERSTANDING OF THE LOCAL ENVIRONMENT

- ◆ Ability to work with surrounding community to minimize impacts during construction
- ◆ In depth knowledge of City policies procedures, and regulations for design and construction
- ◆ Understanding and ability to deal with historical local community groups

This Team is fully versed in the use and requirements of the City Water and Wastewater Departments' Guidelines and Standards, the approved material list, the Standard Specifications for Public Works Construction (Green Book), City of San Diego Update Supplement (White Book 2012 Edition), and the City of San Diego Standard Drawings.

The Team has an excellent understanding of the City processes and procedures and has good working relationships with all engineering design and construction staff contacts within the City, and are continuously working together as a team with our design partners on numerous other City projects.

### American Disabilities Act

Orion is versed with the requirements of San Diego City Council Policy No 100-04 regarding the Americans with Disabilities Act Requirements and its complies with the ADA by adhering to all its provisions, ensuring compliance with the City's policy. All consultants and subcontractors agree to abide by this program as part of their subcontract agreement. Orion has recent experience working closely with the City's Engineering group and City ADA Compliance Officers on the pedestrian ramp replacement and upgrades components of our design-build projects. This close collaboration with City staff allows the team to define mutually acceptable ADA improvements and upgrade recommendations; in areas with adverse existing conditions challenged by slope and space constraints.

### Coordination

The proposed projects will require coordination with many different City divisions, local utilities, and other agencies. Jason, along with the Orion Construction Manager appointed for the specific as-needed project, will coordinate our work with these entities. This coordination includes: the provision for uninterrupted water and/or sewer operations services, access for environmental services for solid waste pick-up, traffic impacts, and permits through development services.

## Local Environment

Orion is a San Diego based Construction Company with nearly 30 years of experience in the San Diego market. Being active in the local markets, it has developed longstanding relationships with the City, its project managers, and resident engineers. Orion is well versed in the City's design and documentation having completed over 200 City projects.

Orion's team includes the local design consultants Harris & Associates and GHD. Both have substantial engineering resources in San Diego. Each consultant has designed many projects in the San Diego area including projects for the City of San Diego. Our team being composed of local companies with deep roots in the community ensures that they have the knowledge and experience working in the local "environment."

The team's recent retrofit experience developed from work undertaken at several pump stations and the more than 20 miles of sewer and water pipeline replacement (all undertaken in the last five years). These projects have given Orion a comprehensive database of geotechnical conditions encountered at potential project sites. This knowledge will be supplemented with specialist geotechnical design as needed to provide a final site-specific geotechnical design.

Orion understands how important it is to the City to maintain an open line of communication not only between the Design-Builder and the City but also with the other local agencies and the local community. Orion will have designated staff members to maintain open communication in a professional matter to report issues and take preemptive remedial action.

Recent coordination with local agencies and private organizations on City projects includes the following entities:

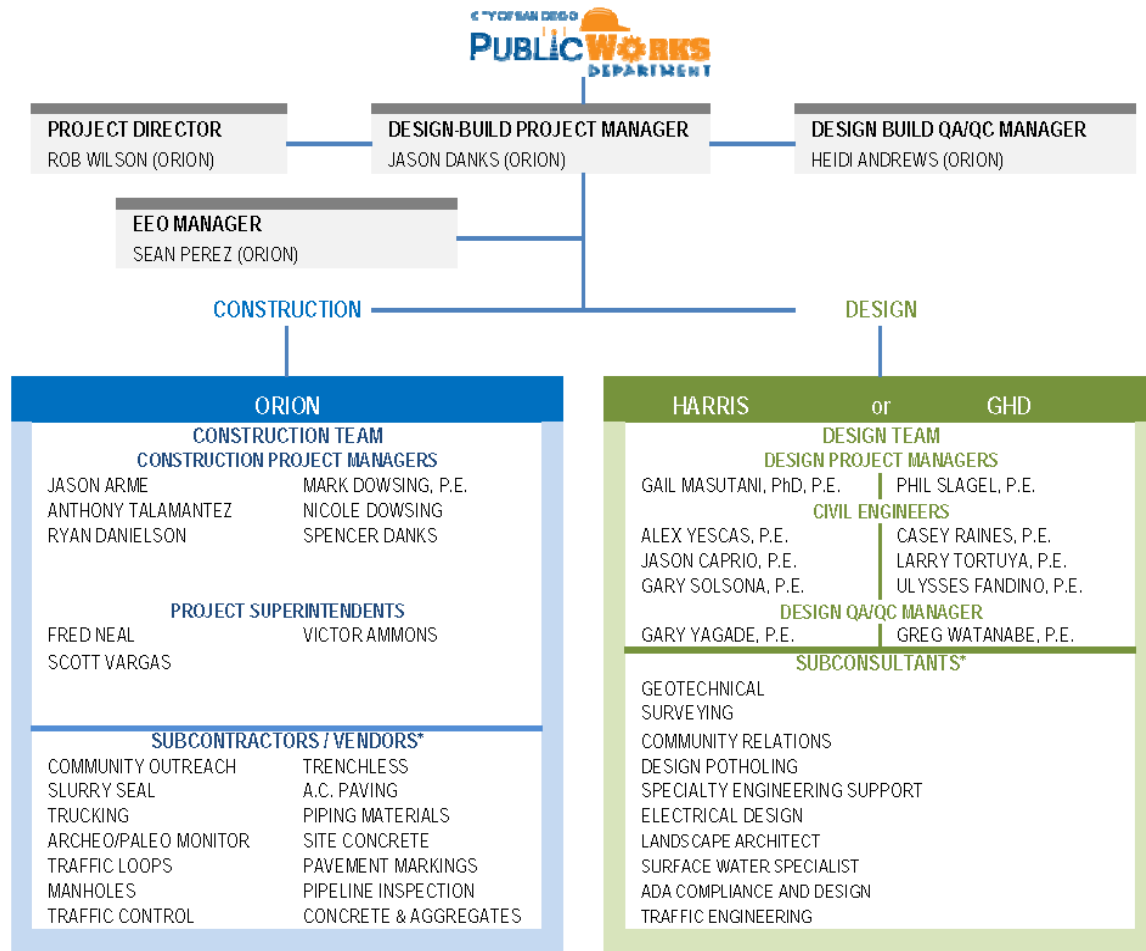
- City of San Diego Traffic Department - Developed detailed traffic control plans for approximately 20 miles of city streets and intersections.
- City of San Diego Development Services - Acquired permits for grading, structural, electrical and plumbing, which were all in compliance with all city codes.
- City of San Diego Fire Department – Scheduling Outages and Fire Protection
- City of San Diego City Council representatives.
- Other City Departments: Environmental Services, Facilities Division, Public Utilities, Stormwater Division, Street Division, and Transportation and Stormwater.
- California Dept. of Transportation - Permits to cross state right of way for City pipelines.
- Army Corps of Engineers and State Department of Fish and Game – Ensure compliance with permit requirements for construction work in wetland and sensitive riparian habitats.
- Regional Water Quality Control Board - Acquired permits for construction dewatering and storm water runoff discharges to natural watercourses which were all in compliance with state codes and requirements for work in wetland and sensitive riparian habitats
- USA Dig Alert – on all projects in public right of way.
- Verizon, AT&T, SDG&E, Cable Television, and Metropolitan Transit District – All Consulted during pipeline alignment selections.
- Naval Facilities Engineering Command Southwest – Access and points of connection.
- Public and private schools – Work scheduling around school events.
- Local neighborhood groups and organizations.



# SECTION 2.8: PROJECT ORGANIZATION AND KEY PERSONNEL

## Proposed Project Organization

Orion will serve as the Design-Builder and will have sole responsibility for project performance. Orion will be supported by experienced subcontractors and designers including. The two design firms chosen have a long and ongoing successful work history with Orion on design-build projects. These two firms will be utilized so that if one is conflicted out due to previous studies, the other can still support the task order. Or if a firm experiences a peak workload the other can support the design task order so that no schedule slippage occurs due to staffing commitments. The remaining varying personnel and trades are listed in the proposed organizational chart below.



\*Outreach for SLBE/ELBE/DVBE firms will be conducted for each task order

## Design-Builder Roles and Responsibilities

Orion’s role as prime Design-Builder is to provide all management, supervision, labor, services, temporary facility, equipment, tools, suppliers, and any other item of every kind and description

required for the complete design, construction, and start-up. Orion's responsibilities as Design-Builder will be to keep the City informed of the progress and quality of the design and construction of the project as it proceeds.

Jason Danks will be responsible as Design Build Project Manager for both the design and construction phases of the project and as such has been vested with full authority by Orion to perform this task. He will be the sole point of contact with City for all project related activities. In this role, Jason will provide the continuity from early design workshops through construction to final commissioning and conveyance to the City's Operations Department. Jason will lead an experienced team of designers and constructors assisted continuously in the process by Project Director, Rob Wilson, who will provide final engineering and construction review prior to any submission to the City.

### **Utilization of Local Firms**

The Design-Build Team is comprised of Orion serving as the Prime Proposer and the constructor for this Design-Build Team with the local firms Harris & Associates and/or GHD providing design services. Local sub-consultants are selected based on their knowledge and capabilities relative to the scope of any individual MACC project. Orion will give preferential treatment to sub-consultants who are participants in the SLBE, ELBE, and DVBE programs.

During the construction phase, Orion will use local subcontractors and vendors to complete specific segments of the project; these trades are included in the organization chart. The firms will be selected for their local knowledge and ability to work within the City. Whenever possible, we will utilize firms certified by the City of San Diego as SLBE, ELBE, and DVBEs. The Design-Build Team has a proven track record of utilizing subcontractors, sub-consultants, and vendors to meet or exceed the City's minimum EOCP goals on every project, focusing on emerging minority and disadvantaged firms when available.

Resumes of Key Personnel are attached in Appendix E.

### **Project Staffing Level and Commitment**

Jason Danks, as the MACC Project Manager, will have complete availability to the overall MACC program for task orders in both design and construction. Jason will select individual construction managers for each of the task orders which will participate at a 50% level through the design phase and 100% in the construction phase. The Design-Build Team asserts our commitment to maintaining the identified Project Manager, Design Manager, Constructor's Project Manager, QA/QC Officer, Project Superintendent, and Design Engineers employed on the project for the duration of the project. The project team has committed the proposed staff without conflict with ongoing work. Should a key member have to be replaced, the City will have the opportunity to review and approve the resume and experience record of the suggested replacement prior to their assignment to this project.

### **Capacity to Perform**

Under Orion's direction, the City of San Diego can expect only the highest level of service and care. Our ability to design and construct large, complex projects has been well documented over the years. Furthermore, these projects can easily fit into our current commitments and workload.



Our team was created with the concept of load sharing during the design phases and our construction staffing is centered on the City of San Diego procurement program. If selected for this design-build assignment, the City of San Diego can rest assured that the Design-Build Team has the financial stability, including bonding capacity, retained earnings, and lines of credit.

## **Experience and Strength of Key Personnel**

The Design-Build Team has extensive and direct experience that is ideally applicable to water, wastewater, and storm drain designs, including work accomplished under design-build contracts. The following presentation validates our technical capabilities by briefly summarizing key personnel to be assigned to the project, including relevant design and construction experience of the key members of the Design-Build Team. As illustrated in the Team Chart, the organization and management of the Design-Build Team will ensure a clear chain of command and accountability of each team member. Personnel available for assignment to this project (see chart below) are on staff, immediately available, and committed to fulfilling their respective assignments for the full term of the project.

### **Construction Team**

#### *Rob Wilson – Project Director*

Rob Wilson will serve as the Project Director. Rob has over 30 years of experience in the construction industry and will provide senior level management to the project. Rob is fully versed in Design Build and is an active member of the DBIA community. Rob will monitor the design and construction teams and ensure that Jason Danks has all available resources to complete this project successfully. Rob will collaborate to identify potential internal and external issues that could affect the projects and resolve or develop strategies for their resolution.

#### *Jason Danks - Design-Build Project Manager*

Jason will serve as the day-to-day point of contact for the City of San Diego's Project Manager. Jason has over 15 years of construction experience managing projects in the in City of San Diego and is one of Orion's most capable project managers. He served as project manager on a number recent City of San Diego Group Jobs. Jason currently holds certifications in Safety with an OSHA 10 and 30 hr Construction Industry Safety Training, and 40 hr HAZWOPPER Safety training for the recognition and handling of hazardous materials. These certifications along with direct access to all the company's labor and equipment resources make Jason the top choice for the project management that this program will require.

### **Design Team**

#### *Gail Masutani, Ph.D., P.E. – Design Project Manager – Harris and Associates*

Gail will be Harris and Associates', principal designer. Gail brings 22 years of water and wastewater infrastructure design experience to the team, including numerous recent City projects; La Jolla Country Club Reservoir and Pump Station, Otay Mesa Trunk Sewer, Stonebridge 1135, 1250 Pump Stations, and numerous pressure reducing stations. She will be responsible for preparation of the design plans and specifications. Gail's knowledge of this project, existing conditions, and City Design Guidelines has allowed her to develop a comprehensive basis-of-design and an itemized list of project elements that will be incorporated into the conceptual design. Gail has intimate knowledge of Design Build water and wastewater infrastructure is currently working with Orion on three (3) City of San Diego Design Build Pipeline projects.

*Phil Slagel, P.E. – Design Project Manager - GHD*

Phillip has over 25 years of experience in project and engineering management to include water resources, sewer systems, storm drain, roadway, water quality, hydrology, construction management, constructability review, site development, and pavement structure analysis and design. Phil is responsible for coordination of technical & regulatory project requirements and criteria with Federal, State, Tribal, and Local approval and regulatory authorities as well as Business leaders, citizens groups, and other stakeholders. Phil has completed five separate designs for Orion’s design/build water/wastewater infrastructure projects in the last five years. Phil is the current design manager to the D/B Group Job 1019 project.

***Subcontractors/Vendors***

The Design-Build Team understands that the City is committed to equal opportunity in its solicitation of subcontractors and vendors. We also acknowledge that the City encourages design-builders to voluntarily share this commitment to equal opportunity by taking positive steps toward expanding solicitation to include small-, minority-, women- and disabled veteran-owned business enterprises (SBE, MBE, WBE, and DVBE). We also are fully supportive of the City’s Small Local Business Enterprise (SLBE) program and will solicit participation from all of the City certified SLBE and ELBE firms. For projects of the type included in this program, we typically will subcontract the following trades: Site Concrete, Striping, A.C. Paving, Traffic Loops, Slurry Seal, Aggregate and Concrete Supply. We are committed to soliciting bids from at least three (3) firms for each of these trades utilizing SLBE or ELBE firms whenever possible. Orion also divides portions of its self-performed work into smaller packages to allow additional SLBE/ELBE/DVBE firms to participate on the project. Orion has without exception met or exceeded the City’s goals for SLBE/ELBE/DVBE participation on all projects.

## **SECTION 2.9: EQUAL EMPLOYMENT/CONTRACTING OPPORTUNITY**

---

### **2.9.1 Workforce Report**

See Appendix B for Orion’s Workforce Report.

### **2.9.2 Equal Opportunity Assurances**

The policy at Orion Construction is to provide equal opportunities in all areas of employment, without regard to race, color, creed, religion, sex, age, disability. Orion Construction committed to diversity in both the workforce and the subcontractors used on our projects.

#### **2.9.2.1.1 Specific Actions Taken to Ensure Equal Opportunity in Employment and Subcontracting**

Orion provides equal opportunities in all aspects of employment and subcontracting. Orion’s corporate policy ensures equal opportunity for employment by encouraging women, minorities, and veterans to apply via the following measures: recruiting directly from the Society of Women Engineers and the Troops to Engineers Program; targeting minority-focused newspapers, such as

Voice and View Point and La Prensa, with multilingual job advertisements; and rewarding employees for referring hires from disadvantaged groups.

Orion is proud that its workforce reflects the diverse community in which it operates. Between 2015 and 2016, Orion’s job advertisements focusing on women, minorities, and veteran applicants resulted in the hiring of 16 Hispanic, three women, one Asian, three veteran employees. **With 45 Hispanic/Latino, three African American, four Asian employees, and eight female employees, over 58% of Orion’s 103-person workforce is in a minority group.**

These employees serve in a variety of roles, from craft workers to office staff to senior project managers.

Because San Diego is a military city, Orion’s equal opportunity employment efforts do not stop with traditional minority groups. Orion actively recruits veterans/reservists, resulting in 25% of its workforce being comprised of current/former service members. In 2016, Orion won the Department of Defense



PATRIOTIC EMPLOYER Award for supporting the hiring of military reserve members. Further, Orion’s participation in the Troops to Engineers Program at San Diego State University resulted in the hiring of three veteran project engineers in 2016. Orion will continue these efforts for this project.

Orion prioritizes equal opportunity in subcontracting, is a leader in small business partnerships, and has a dedicated small business coordinator who actively recruits small business subcontractors, identifies their needs, and works with senior project management staff to ensure that subcontracting opportunities are available for them. Orion recognizes the challenges that small/minority contractors face in construction and addresses them by breaking up its subcontract packages into manageable sizes and assisting them with bonding so they can bid and complete the work.

Orion also takes pride in mentoring small businesses. Participating in the City of San Diego’s mentor-protégé program, Orion mentored two minority subcontractors, Rick Fowler Construction and AB Hashmi, and received commendations from the AGC and then San Diego Mayor Jerry Sanders. Mayor Sanders stated, **“Your commitment to your protégé, Ahmad Hashmi is quite remarkable...without your involvement I’m sure Ahmad would not be enjoying the level of success he is currently experiencing.”** Orion mentors AB Hashmi to this day and mentored Rick Fowler Construction until its principal owner’s retirement. Additionally, Orion ensures it meets or exceeds all small and minority business subcontracting requirements on City of San Diego and federal government projects. For example, on the Scripps Ranch Pump Station Project, the City of San Diego mandated 10% SLBE/ELBE/DVBE participation. Orion

worked with its small business partners and achieved over 30% SLBE/ELBE/DVBE participation, totaling \$2,988,130.

Orion continued mentoring small businesses by participating with the Small Business Administration's (SBA) All Small Mentor Protégé program. Orion mentors Valor Constructors, a service disabled veteran-owned small business (SDVOSB) and City of San Diego DVBE/ELBE/SLBE/Native American business, and Transtar Pipeline, a woman owned and historically underutilized business zone (HUBZONE) small business, and City of San Diego DBE/ELBE business. Orion's level of participation in the All Small program is unmatched in California. **Orion is the only mentor in California mentoring a woman-owned small business, it is the only mentor with two protégés, and it is one of only three mentors with a SDVOSB protégé.** In addition to subcontracting and joint-venturing with its protégés, Orion regularly provides them with training and advice on bids, equal opportunity compliance, marketing, legal issues. For example, Orion is helping Valor bond a \$1,200,000 building renovation/wet-utility project for the Veterans' Administration and is providing on the job training for one of its foreman on an Orion wet-utility project in preparation for the VA project. Lastly, Orion imparts on its protégés the importance of equal opportunity employment and subcontracting ensuring that there are opportunities for women, minorities, and veterans with both Orion and its protégés.

On this project, Orion will continue to mentor its SLBE protégé, AB Hashmi, and its SBA protégés; Valor Constructors and Transtar Pipeline. Orion plans to expand its mentorship in the San Diego area by entering into a mentor-protégé relationship with Speedway Constructors, an 8(a)-minority small business and City of San Diego DBE/MBE/EBE business. Orion and Speedway are drafting the necessary agreements for the application and have started bidding work together in the San Diego area.

Orion will continue to make efforts to a subcontract to small/minority businesses outside of its protégé programs by attending and hosting outreach events, and entering into teaming agreements with local subcontractors. In the past three years, Orion attended ten small business events and will also be holding a small business outreach event at its main office on March 28, 2017, where 14 local small and minority businesses have been invited. On past projects and MACC programs, Orion conducted an immediate outreach to partner with local small businesses. For example, on the City task order 1029, Orion conducted outreach and partnered with Dick Miller, Inc, a San Diego based DVBE/SLBE/SB business.

Orion's efforts to encourage equal opportunity employment and subcontracting will continue throughout this project. Orion's strategies to recruit woman, minority, and current/former military personnel will continue to produce demonstrable results. Orion is also unmatched in mentoring small businesses of all types. Orion's mentorship shows its commitment to equal opportunity employment and subcontracting extends beyond its own hiring to its subcontractors



Orion team members have also served as mentors in the City of San Diego and AGC mentorship program. Richard Dowsing, Orion’s president, mentored A.B. Hashmi (ELBE/DBE) and Rob Wilson, Orion’s vice president, mentored Rick Fowler Construction (SLBE/DVBE). Orion also participates and supports the following local activities:

- Provides internships to high school and college students in construction and engineering.
- Participant in the AGCSD apprenticeships program for laborers and equipment operators.
- Founding member of the EGC SDSU engineering scholarship program.
- Orion is a participant, and recruits from the SDSU Troops to Engineers Program.
- Jason Danks is active on the AGCSD City and Safety liaison committees
- Mark Dowsing, is a member of the AGC-NAVFAC liaison committee.
- Orion is active with the Department of Defense Employer Support for Guard and Reserve Program and won the PATRIOTIC EMPLOYER Award for employment of reservists.
- Orion is a donor of the following: Minority Engineering Sciences Alliance (MESA), Wounded Warrior Foundation, San Elijo Lagoon Conservancy, San Diego Unified School District Construction Tech Academy, Society of Hispanic Professional Engineers, Jacobs Food Bank, Scripps Encinitas Hospital, and KPBS.
- Harris is currently mentoring the SLBE Southern California Soil and Testing (SCST)
- Gail Masutani is on the leadership board of the San Diego ASCE Pipeline Group
- Jason Caprio is a member of the County Water Authority’s Citizens Water Academy
- Alex Yescas is on the industry advisory board of the Mathematics, Engineering, and Science Achievement (MESA) program in San Diego
- Alex Yescas is on the board of directors of the Floodplain Management Association
- Alex Yescas is a member of the Society of Hispanic Professional Engineers
- Harris provides yearly scholarships to the MESA San Diego Alliance program

## **2.9.3 Subcontractor Documentation**

### **2.9.3.1 Subcontractor Documentation**

See Appendix C for “Subcontractor Documentation” and Subcontractor Past Participation

### **2.9.3.2 Past Participation Levels**

Orion has a long history of providing subcontracting opportunities to firms of all types, including certified MBE, WBE, DBE, DVBE, OBE, ELBE, and SLBE firms. Attached in Appendix C, please find our Subcontractor and Supplier Past Participation Lists (Forms, AA50) covering the three reference projects listed above. These lists clearly demonstrate our consistent pattern of including certified firms of all types in our projects.

## **2.9.4 Non-Discrimination in Contracting**

Upon the City’s request, Orion Construction agrees to provide, within 60 days, a truthful and complete list of the names of all Subcontractors and Suppliers that we have used in the past five years on any contracts undertaken within San Diego County.



## 2.9.5 Disclosure of Discrimination Complaints

In accordance with Section 22.3513 of the City’s “Nondiscrimination in Contracting” ordinance, we certify that there are no complaints filed or pending against Orion Construction Corporation within the past ten (10) years.

# SECTION 2.10 CHANGE ORDER AND LITIGATION HISTORY

## 2.10.1 Change Order History

The change order history of projects completed by Orion Construction in the last three (3) years is as follows:

#	Project Description	Original Contract Value	Change Orders	CO %	Non-Owner Initiated C.O. %	Comment
1	Group Job 921	\$2,337,000.00	-\$23,404.00	-1.00%	0.00%	Owner reduced scope
2	Scripps Ranch Pump Station	\$9,740,000.00	\$-157,592.00	-1.62%	0.00%	Owner reduced scope
3	Group Job 922	\$2,647,000.00	\$-17,784.00	-0.67%	0.00%	Owner reduced scope
4	Group Job 926	\$4,493,000.00	\$0.00	0.00%	0.00%	
5	Pump Station 324	\$854,495.00	\$39,323.00	4.60%	0.00%	Owner requested changes
6	MCRD Repair DWV Piping	\$5,973,000.00	\$33,072.00	0.55%	0.00%	Owner requested changes
7	F Street Emergency Water Main Replacement	\$750,000.00	\$541,899.00	72.25%	0.00%	Emergency job that required additional scope to complete repairs.
8	Repair Water Main on Silver Strand	\$242,662.00	\$13,270.00	5.47%	0.00%	Owner requested changes
9	Agua Hedionda Bridge	\$42,700.00	\$750.00	1.76%	0.00%	Owner requested changes
10	Crown Point Emergency Storm Drain Repair	\$200,000.00	\$151,792.00	75.90%	0.00%	Emergency job that required additional scope to complete repairs.
11	SPAWAR OTC Water Main P3	\$1,627,000.00	\$0.00	0.00%	0.00%	
12	Storm Water BMP Imp	\$1,643,000.00	\$19,522.00	1.19%	0.00%	Owner requested changes
13	Sodium Hypochlorite Sys Otay	\$2,887,600.00	\$109,477.00	3.79%	0.00%	Owner requested changes
14	Replace Valve at Pier 12	\$68,300.00	\$0.00	0.00%	0.00%	
15	Sewer Group 743	\$3,147,000.00	-\$157,000.00	-5.00%	0.00%	Owner reduced scope
16	NSU Storm Drain at SD Airport	\$10,396,680.00	\$439,896.00	4.23%	0.00%	Owner requested changes
17	Agua Hedionda Ped Bridge	\$163,810.00	\$0.00	0.00%	0.00%	
18	Buena Vista Creek Restoration	\$1,000,000.00	\$94,084.00	0.94%	0.00%	Owner requested changes
19	Mole Pier Wastewater PS	\$537,000.00	\$0.00	0.00%	0.00%	
20	Repair Overflow Line at Reservoir #1264	\$474,500.00	\$0.00	0.00%	0.00%	
21	Burroughs Street Emergency Storm Drain Repair	\$325,000.00	\$-122,094.00	-37.6%	0.00%	Actual T&M costs were less than budgeted contract amount
22	Bevner Court Emergency Storm Drain Repair	\$450,000.00	\$-330,084.00	-73.4%	0.00%	Actual T&M costs were less than budgeted contract amount
23	Acheson and Langmuir Emergency Storm Drain Repair	\$450,000.00	\$-147,375.00	-32.8%	0.00%	Actual T&M costs were less than budgeted contract amount
24	Mission Gorge Road Settlement Emergency Repair	\$4,500,000.00	\$-546,775.00	-12.2%	0.00%	Actual T&M costs were less than budgeted contract amount
	<b>TOTAL</b>	<b>\$54,949,747.00</b>	<b>-\$131,188.00</b>	<b>-0.24%</b>	<b>0.00%</b>	

### 2.10.2 Litigation history

Orion provided the following declarations for the period since our last pre-qualification clearance:

<b>2.10.2.1</b> Civil or Criminal Violations of OSHA	None
<b>2.10.2.2</b> Civil or Criminal Violations of Contractor State License Law	None
<b>2.10.2.3</b> Convictions of Submitting a False or Fraudulent Claim to a Public Agency	None
<b>2.10.2.4</b> Civil or Criminal Violation of Federal or State Laws Governing Payment of Wages, Benefits, Etc.	None
<b>2.10.2.5</b> Civil or Criminal Violations of Federal or State Law Governing Equal Opportunity Employment, Contracting, or Subcontracting	None
<b>2.10.2.6</b> Instances Where a Surety Company Finished the Work or Made Payments to Subs	None

## 2.11 FINANCIAL INFO AND ARRANGEMENTS

In accordance with Attachment B, Submittal Requirements, Paragraph 1.6.8 please see Appendix D, a letter of bondability from CAN Surety, confirming that Orion has the financial capacity to perform task orders of the sizes indicated in the RFP.



3-21-17

Richard Dowsing, President  
Orion Construction Corporation

Date

# APPENDIX A: CERTIFICATIONS OF EXCEPTIONS TO THE REQUEST FOR QUALIFICATIONS

---


**ATTACHMENT C**

**CERTIFICATION OF EXCEPTIONS TO THE REQUEST FOR QUALIFICATIONS  
MULTIPLE AWARD DESIGN-BUILD CONTRACTS (MACC) FOR WATER, WASTEWATER, AND  
STORMWATER PIPELINE PROJECTS**

The undersigned, a duly authorized representative of Orion Construction Corporation  
(Company Name)

hereby stipulates that Orion Construction Corporation takes no exceptions to this  
(Company Name)

Request for Qualifications and its attachments as referenced in this RFQ.

  
\_\_\_\_\_  
Authorized Representative  
Richard Dowsing, President  
\_\_\_\_\_  
Authorized Representative's Title  
\_\_\_\_\_  
Orion Construction Corporation  
\_\_\_\_\_  
Company

\_\_\_\_\_  
03/21/2017  
\_\_\_\_\_  
Date

**OR**

The undersigned, a duly authorized representative of \_\_\_\_\_  
(Company Name)

hereby stipulates that \_\_\_\_\_ takes the following exceptions  
(Company Name)

to this Request for Qualifications and its attachments as referenced in this RFQ.

\_\_\_\_\_  
Authorized Representative  
\_\_\_\_\_  
Authorized Representative's Title  
\_\_\_\_\_  
Company

\_\_\_\_\_  
Date

# APPENDIX B: WORK FORCE REPORT

---





City of San Diego  
 EQUAL OPPORTUNITY CONTRACTING PROGRAM  
 1200 Third Avenue, Suite 200, San Diego, CA 92101  
 (619) 236-6000 FAX: (619) 235-5209

## WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report*.

### CONTRACTOR IDENTIFICATION

Type of Contractor:  Construction    Supplier    Financial Institution    Lessee/Lessor  
 Consultant    Grant Recipient    Insurance Company    Other

Name of Company: Orion Construction Corporation

AKA/DBA: \_\_\_\_\_

Address (Corporate Headquarters, where applicable): 2185 La Mirada Dr.

City Vista County San Diego State CA Zip 92081

Telephone Number: (760) 597-9660 FAX Number: (760) 597-9661

Name of Company CEO: Richard Dowsing / Fia Dowsing

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: \_\_\_\_\_

City \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone Number: ( ) \_\_\_\_\_ FAX Number: ( ) \_\_\_\_\_

Type of Business: General Contractor Type of License: A & B

The Company has appointed: Richard Dowsing

as its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate, and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: 2185 La Mirada Drive, Vista CA 92081

Telephone Number: (760) 597-9660 FAX Number: (760) 597-9661

For Firms:  San Diego Work Force and/or  Managing Office Work Force

I, the undersigned representative of

Orion Construction Corporation

(Firm Name)

San Diego

CA

hereby certify that information provided

(County)

(State)

herein is true and correct. This document was executed on this day of March 17, 2017

Erika Aparicio  
 (Authorized Signature)

Erika Aparicio  
 (Print Authorized Signature Name)

**WORK FORCE REPORT - Page 2**

NAME OF FIRM: Orion Construction Corporation

DATE: March 17, 2017

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Executive, Administrative, Managerial					1	1						1		
Professional Specialty					1							3		
Engineers/Architects			1			1						8	2	1
Technicians and Related Support														
Sales														
Administrative Support/Clerical			2	2									1	
Services														
Precision Production, Craft and Repair														
Machine Operators, Assemblers, Inspectors														
Transportation and Material Moving			2									2	1	
Handlers, Equipment Cleaners, Helpers and Non-construction Laborers*			2									2		

\*Construction laborers and other field employees are not to be included on this page

TOTALS EACH COLUMN			7	2	2	2						16	4	1	
--------------------	--	--	---	---	---	---	--	--	--	--	--	----	---	---	--

GRAND TOTAL ALL EMPLOYEES			34												
---------------------------	--	--	----	--	--	--	--	--	--	--	--	--	--	--	--

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NON-PROFIT ORGANIZATIONS ONLY:

BOARD OF DIRECTORS														
VOLUNTEERS														
ARTISTS														

**WORK FORCE REPORT - Page 3**

NAME OF FIRM: Orion Construction Corporation

DATE: March 17, 2017

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Carpenter											1			
Drywall Installer														
Electrician														
Elevator Installers														
Finishers, Concrete or Terrazzo														
Glaziers														
Helpers, Construction Trade														
Ironworkers, Structural Metal Workers														
Laborers	3		25								9		1	
Millwrights														
Masons, Bricklayers														
Tilesetters														
Operators			13								18			
Painters														
Pipefitter, Plumbers														
Plasterers														
Roofers														
Security, Protective Services														
Sheet Metal, Duct Installers														
Welders, Cutters														
TOTALS EACH COLUMN	3		38								28		1	
GRAND TOTAL ALL EMPLOYEES			70											

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--



# APPENDIX C: SUBCONTRACTOR PAST PARTICIPATION LIST AND BACKUP

---

## DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Design-Build Scripps Ranch Pump Station

TYPE OF PROJECT: Water Pump Station and Pipeline

DOLLAR VALUE OF PROJECT: \$9,667,294

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>®</sup>	WHERE CERTIFIED <sup>®</sup>
Brown and Caldwell 9665 Chesapeake Drive, Suite 201 San Diego, CA 92123 858-514-8822	Designer	NA	Designer of Record	\$1,486,990	OBE	NA
Geocentric Land Surveying 2150 N. Centre City Parkway Escondido, CA 92026 760-207-7824	Designer	NA	Design Survey	\$19,063	OBE	NA
Darnell And Associates 2870 Fourth Avenue, suite A San Diego, CA 92103 619-233-9373	Designer	NA	Traffic Control Design	\$17,500	ELBE	City
RECON Environmental, Inc. 1775 Saturn Blvd. San Diego, CA 92154 619-423-2284	Designer	NA	Environmental Plans and Monitoring	\$71,458	OBE	City

Southern Contracting Company 559 N. Twin Oaks Valley Road San Marcos, CA 92069 760-744-0760	Constructor	222252	Electrical and Instrumentation	\$1,268,395	OBE	NA
Transtar Pipeline, Inc. 10467 Roselle Street San Diego, CA 92121 858-453-0744	Constructor	724178	Pumps and Interior Piping	\$1,643,174	ELBE  DBE HUBZONE	City  CALTRANS SBA
A.B. Hashmi, Inc. 13066 Deer Canyon Court San Diego, CA 92131 760-682-8059	Constructor	798383	Landscaping	\$46,952	ELBE  DBE	City  CALTRANS
Christensen Structural Concrete** 9168 West Lilac Escondido, CA 92026 760-994-8338	Constructor	400854	Concrete and Masonry	\$917,087	ELBE	City
In-Line Fence and Railing Co., Inc. PO box 2637 Ramona, CA 92065 760-789-0282	Constructor	769516	Fencing	\$65,029	SLBE  DBE	City  CALTRANS
PAL General Engineering** 5374 Eastgate Mall San Diego, CA 92121 858-638-7100	Constructor	916931	AC Paving and Site Concrete	\$88,891	SLBE	City

Draves Pipeline PO box 1051 Bonsall, CA 92003 760-728-7094	Supplier	NA	Piping Materials	\$105,542	DVBE	CADoGS
Brownlow Enterprises, Inc. PO Box 34 Lakeside, CA 92040 619-561-9693	Vendor	NA	Trucking	\$19,491	ELBE	City
Humanability 4452 Park Blvd., #208 San Diego, CA 92116 619-796-4210	Designer	NA	Community Outreach Plan	\$11,394	ELBE	City
Newbury Enterprises 6304 Rancho Mission Road, #238 San Diego, CA 92108 619-279-6045	Supplier	NA	Concrete and Aggregates	\$178,612	ELBE	City
Ninyo and Moore 5710 Ruffin Road San Diego, CA 92123 858-576-1000	Designer	NA	Geotechnical Investigation and Design	\$126,450	OBE	NA

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification. See Attached proof of certification for all SLBE/ELBE/DBE/DVBE firms.**

**\*\*These firms are not currently certified, but were certified as City of San Diego SLBE/ELBE at the time of bid on April 1, 2011.**

## DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Design-Build Water Group 922

TYPE OF PROJECT: Water Pipeline and Appurtenance Replacement

DOLLAR VALUE OF PROJECT: \$2,629,216

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>®</sup>	WHERE CERTIFIED <sup>®</sup>
Harris and Associates 750 B Street, Suite 1800 San Diego, CA 92101 619-236-1778	Designer	NA	Civil Design	\$143,160	OBE	NA
Humanability 4452 Park Blvd., # 208 San Diego, CA 92116 619-796-4210	Designer	NA	Community Outreach	\$15,010	ELBE	City
Statewide Stripes, Inc.** PO Box 900287 San Diego, CA 92190 858-560-6887	Constructor	788286	Pavement Markings	\$18,320	SLBE  DBE	City  CALTRANS
American Asphalt South, Inc. 14436 Santa Ana Ave. Fontana, CA 909-427-8276	Constructor	784969	Slurry Seal	\$35,788	OBE	NA

Brownlow Enterprises, Inc. PO Box 34 Lakeside, CA 619-561-9693	Vendor	NA	Trucking	\$39,072	ELBE	City
A.B. Hashmi, Inc. 13066 Deer Canyon Court San Diego, CA 92131 760-672-8059	Constructor	798383	Portions of Pipeline and Site Concrete	\$438,616	ELBE  DBE	City  CALTRANS
Sutherland Contracting 2007 Muira Lane El Cajon, CA 92019 619-588-8895	Constructor	787127	Traffic Loop Replacement	\$640	SLBE	City
PAL General Engineering, Inc.** 2515 Camino Del Rio South, Suite 308 San Diego, CA 92108 858-752-4901	Constructor	916931	AC Paving	\$92,890	SLBE	City
Penhall Company 5775 Eastgate Drive San Diego, CA 858-550-1111	Constructor	568673	Sawcutting	\$29,346	OBE	NA
Pro-Link Engineering 3014 Holly Road Alpine, CA 91901 619-659-8995	Constructor	854967	Chlorination	\$14,582	SLBE	City

J. Cloud, Inc.** 2094 Willow Glen Drive El Cajon, CA 92019 619-593-9020	Supplier	NA	Aggregates	\$32,313	SLBE	City
Newbury Enterprises 6304 Rancho Mission Rd., Suite 238 San Diego, CA 92018 619-279-6045	Supplier	NA	Ready-Mix Concrete	\$87,318	ELBE	City

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification. See Attached proof of certification for all SLBE/ELBE/DBE/DVBE firms.**

**\*\*These firms are not currently certified, but were certified as City of San Diego SLBE/ELBE at the time of bid on June 14, 2011.**



## DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Design-Build Sewer Group 743

TYPE OF PROJECT: Sewer Pipeline and Manhole Replacement and Rehabilitation

DOLLAR VALUE OF PROJECT: \$2,990,000

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>®</sup>	WHERE CERTIFIED <sup>®</sup>
Harris and Associates 750 B Street, Suite 1800 San Diego, CA 92101 619-236-1778	Designer	NA	Civil Design	\$223,359	OBE	NA
Darnell and Associates 2870 Fourth Ave., Suite A San Diego, CA 92103 619-233-9373	Designer	NA	Traffic Control Design	\$9,720	ELBE	City
G-Force 8788 Balboa Avenue San Diego, CA 92123 619-583-6633	Designer	NA	Geotechnical Testing	\$2,000	DVBE	CADoGS
SCST, Inc. 6280 Riverdale Street San Diego, CA 92120 619-280-4321	Designer	NA	Geotechnical Design	\$5,853	SLBE	City

Rancho Coastal Engineering 310 S. Twin Oaks Valley Road San Marcos, CA 92078 760-510-3152	Designer	NA	Design Survey	\$3,817	ELBE	City
Humanability 4452 Park Blvd, #208 San Diego, CA 92116 619-796-4210	Designer	NA	Community Outreach Plan	\$10,000	ELBE	City
	Constructor	NA	Community Outreach	\$18,832		
Brian F. Smith and Associates** 14010 Poway Road, Suite A Poway, CA 92064 858-679-8218	Designer	NA	Arch/Paleo Plan	\$5,875	SLBE	City
	Constructor	NA	Arch/Paleo Monitoring	\$20,181		
Transtar Pipeline, Inc. 10467 Roselle Street San Diego, CA 92121 858-565-4089	Constructor	724178	Sewer Rehabilitation	\$240,569	ELBE DBE HUBZONE	City CALTRANS SBA
YBS Concrete 821 Kuhn Drive, Suite 204 Chula Vista, CA 91977 619-465-7411	Constructor	885270	Site Concrete	\$164,595	SLBE	City
Sealright Paving** 9053 Olive Drive Spring Valley, CA 91977 619-465-7411	Constructor	364113	AC Paving	\$157,383	SLBE	City
					DBE	

A.B. Hashmi, Inc. 13066 Deer Canyon Court San Diego, CA 92131 760-672-8059	Constructor	798383	Portions of Sewer Pipeline and Manholes	\$112,886	ELBE  DBE	City  CALTRANS

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

**The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification. See Attached proof of certification for all SLBE/ELBE/DBE/DVBE firms.**

**\*\*These firms are not currently certified, but were certified as City of San Diego SLBE/ELBE at the time of bid on August 5<sup>th</sup>, 2014.**

NAICS NAICS\_Description

Brncic, Inc. DBA Landmark Consulting Phone: (858) 587-8070 Fax: (858) 587-8750

Mark A. Brencick Mark@lmco.net

License Type	Business Status
CSD-12	Small
LS	Small

**NOTE:** Civil Engineering, CAD Design, Hydraulics/Hydrology, Land Surveying

541330 Engineering Services

541370 Surveying and Mapping (except Geophysical) Services

Brownlow Enterprises, Inc. Phone: (619) 561-9693 Fax: (619) 390-9397

William (Bill) Brownlo Salibrownlow@yahoo.com

License Type	Business Status
Goods/Services	Emerging

**NOTE:** We own and operate and broker many types of aggregate material hauling vehicles and provide imported materials resources as well as export dump site resources for construction and demolition industries

484110 General Freight Trucking, Local

484220 Specialized Freight (except Used Goods) Trucking, Local

Brummitt Energy Associates, Inc. Phone: (619) 531-1126 Fax: (619) 531-1101

Elizabeth I. Brummitt jshirey@brummitt.com

License Type	Business Status
M	Emerging

**NOTE:** Energy performance planning and modeling; daylighting performance modeling and analysis; title 24 calculations, and LEED Documentation for new construction projects and existing buildings

541330 Engineering Services

BSE Engineering, Inc. Phone: (858) 800-6025 Fax: (858) 279-2626

Tamara Badkerhanian tganev@BSEengineering.com

License Type	Business Status
E	Small

**NOTE:** Mechanical, Electrical and Energy Engineering Services

541330 Engineering Services

Buescher Electric, Inc. DBA Service Electrical System Phone: (858) 748-8478 Fax: (619) 651-1392

Anthony Buescher Buescherelectric@gmail.com

License Type	Business Status
C-10	Emerging

**NOTE:** Electric installation and repair

238210 Electrical Contractors

NAICS NAICS\_Description

- 541310 Architectural Services
- 541340 Drafting Services
- 541410 Interior Design Services

D&D Wildlife Habitat Restoration, Inc. Phone: (619) 667-3707 Fax: (619) 667-3929

Douglas W. McKinney douglasm@habitatsrestoration.com

License Type	Business Status
C-27	Emerging

NOTE: Landscape construction and maintenance

- 561730 Landscaping Services

D. Lowen Electric, Inc. Phone: (760) 941-8332 Fax: (760) 941-0238

Desi Lowen D.lowen@cox.net

License Type	Business Status
C-10	Emerging

NOTE: Electrical work, installation of electrical materials

- 238210 Electrical Contractors

Dale Newbury DBA Newbury Enterprises Phone: (619) 280-8021 Fax: (619) 285-189

Vincent (Dale) Newbu The-jerr@sbcglobal.net

License Type	Business Status
No License	Emerging

NOTE: BROKER ONLY

- 423320 Brick, Stone, and Related Construction Material Merchant Wholesalers

Daniel Montejano DBA Truline Masonry Phone: (619) 207-7569 Fax:

Daniel Montejano trulinemasonry@yahoo.com

License Type	Business Status
C-29	Emerging

NOTE: We install block, brick, and stone

- 238140 Masonry Contractors

Darnell & Associates, Inc. Phone: (619) 233-9373 Fax: (619) 233-4034

Bill E. Darnell Jmcdonald@darnell-assoc.com

License Type	Business Status
CSD-12	Emerging
CSD-12	Emerging

NOTE: Traffic and transportation consulting services

- 541340 Drafting Services
- 541330 Engineering Services

# CERTIFIED SLBEs / ELBEs (with NAICS)

NAICS NAICS\_Description

3-D Enterprises, Inc.

Phone: (858) 530-2202 Fax: (844) 318-2832

Shawn Elihu Shawn@3d-nt.com

License Type	Business Status
A	Small
B	Small
C-16	Small
C-20	Small
C-27	Small
C-10	Small
C-08	Small

**NOTE:** Electrical, concrete and landscape

- 238990 All Other Specialty Trade Contractors
- 237310 Highway, Street, and Bridge Construction
- 237990 Other Heavy and Civil Engineering Construction

3Point Architecture, Inc.

Phone: (619) 395-6087 Fax: (619) 615-2352

Y. Jeana Renger jeana@3pointarchitecture.com

License Type	Business Status
ARC	Emerging

**NOTE:** Architectural Services

- 541310 Architectural Services

A.B. Hashmi, Inc.

Phone: (760) 672-8059 Fax: (858) 433-7215

Ahmad B. Hashmi info@abhashmi.com

License Type	Business Status
A	Emerging
C-27	Emerging

**NOTE:** Engineering & Landscaping Contractor. Concrete flatwork, underground utilities, paving, drainage, landscaping & irrigation

- 237310 Highway, Street, and Bridge Construction
- 561730 Landscaping Services
- 238910 Site Preparation Contractors
- 237110 Water and Sewer Line and Related Structures Construction

A.D. Hinshaw Associates

Phone: (619) 258-8213 Fax: (619) 258-8214

Philip L. Hinshaw Philiphinshaw@cox.net

License Type	Business Status
Goods/Services	Emerging

**NOTE:** Preparation of environmental documents required by CEQA/NEPA

541370 Surveying and Mapping (except Geophysical) Services

Par Petroleum, Inc Phone: (858) 509-2900 Fax: (858) 509-2900

Keith Pacheco kpacheco@parpetroleum.net

License Type	Business Status
Goods/Services	Small

**NOTE:** We supply hot binder(oil) from the refinery and haul it to a hot plant for the manufacturing of asphalt

237310 Highway, Street, and Bridge Construction

424720 Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)

Parada Painting, Inc. Phone: (858) 748-3540 Fax:

Jacqueline Sue Parada lgreeneish@paradapainting.com

License Type	Business Status
C-33	Small

**NOTE:** Painting & Coating, Plastic Liner, Waterproofing, Primarily Wastewater & Water Treatment Plants, Pump Stations, etc.

238320 Painting and Wall Covering Contractors

PARC Civil, Inc. Phone: (760) 518-6266 Fax: (760) 730-8144

Amy Czajkowski Aczajkowski@parccivil.com

License Type	Business Status
CSD-12	Emerging

**NOTE:** Founded to serve owners, contractors, federal, state and local agencies, and engineering consultants on civil engineering projects requiring comprehensive planning, design, engineering, and construction management services.

541350 Building Inspection Services

541340 Drafting Services

541330 Engineering Services

541370 Surveying and Mapping (except Geophysical) Services

Patterson Engineering, Inc. Phone: (858) 605-0937 Fax: (858) 605-1414

Curtis Patterson Curtis@pattersoneng.com

License Type	Business Status
CSD-12	Emerging

**NOTE:** Professional Services

541340 Drafting Services

541330 Engineering Services

Paula Roberts DBA Humanability Phone: (619) 794-6406 Fax: (858) 384-2681

Paula Roberts paula@humanability.biz

License Type	Business Status
Goods/Services	Emerging

**NOTE:** Community Liaison, Stakeholder Workshops, Meeting Facilitation, Public Outreach, Community Relations

NAICS NAICS\_Description

Industrial Distributors

Phone: (619) 697-5839 Fax: (619) 469-6365

Paul A. Jackson Pajackson11@gmail.com

License Type	Business Status
B	Emerging

**NOTE:** B Licensed Contractor

236220 Commercial and Institutional Building Construction

238350 Finish Carpentry Contractors

Infrastructure Quality Consulting DBA IQC

Phone: (858) 692-8771 Fax:

Jonah Dominek jonah@infrastructureqc.com

License Type	Business Status
CSD-12	Small

**NOTE:** Materials Testing, Special Inspection, Non-destructive Testing, Construction Management, QA/QC

541350 Building Inspection Services

541330 Engineering Services

541380 Testing Laboratories

InfrastructureMD, Inc.

Phone: (619) 504-9033 Fax:

Andrea (Andi) Corrao Acorrao@infrastructureMD.com

License Type	Business Status
Goods/Services	Emerging

**NOTE:** Professional services for condition assessment, monitoring, and operation of water supply systems.

541330 Engineering Services

In-Line Fence & Railing Company, Inc DBA In-Line Construction, Inc

Phone: (760) 789-0282 Fax: (760) 789-1915

David Ortiz gary@inlinerail.com

License Type	Business Status
C-13	Small
C-31	Small
C-51	Small

**NOTE:** All types of Fencing, Handrails, Guardrails

238990 All Other Specialty Trade Contractors

237310 Highway, Street, and Bridge Construction

332323 Ornamental and Architectural Metal Work Manufacturing

Intersect Technology Institute, Inc. DBA ITI Cabling, Inc.

Phone: (858) 240-6670 Fax: (858) 240-6669

F. Michael Allen mike@iticabling.com

License Type	Business Status
C-07	Small

**NOTE:** Low voltage cabling and system installation, including but not limited to voice and data cabling, fiber, copper, coax, CCTV, access control



NAICS NAICS\_Description

Pride Resource Partners, LLC Phone: (619) 255-9257 Fax:

Joe Maak joe.maak@prideresourcepartners.com

License Type	Business Status
B	Emerging

**NOTE:** Providing as needed construction project management, facilities planning and staff augmentation.

- 541611 Administrative Management and General Management Consulting Services
- 541618 Other Management Consulting Services

Pro Link Engineering, Inc. DBA Pro Link Back Flow Services Phone: (619) 659-8995 Fax: (619) 659-5761

Jed Spicer Prolinkwater@cox.net

License Type	Business Status
A	Small

**NOTE:** Eligible for ALL subcontracting opportunities, eligible as a prime contractor for \$50k & below until receipt of bond letter.

- 238220 Plumbing, Heating, and Air-Conditioning Contractors

Pro Transactions LLC Phone: (858) 292-5019 Fax:

Brianna Birdwell Brianna@protransactions.com

License Type	Business Status
Goods/Services	Small

**NOTE:** Broad-based electronic and information technology asset recovery and remarketing firm.

- 423430 Computer and Computer Peripheral Equipment and Software Merchant Wholesalers
- 454112 Electronic Auctions
- 443142 Electronics Stores
- 423690 Other Electronic Parts and Equipment Merchant Wholesalers
- 423490 Other Professional Equipment and Supplies Merchant Wholesalers

Pro-Cal Lighting Phone: (760) 994-6959 Fax: (760) 560-1676

Anthony Morales bmorales@procallighting.com

License Type	Business Status
C-10	Small

**NOTE:** Lighting Controls and Energy Efficient Design and Build Contractor specializing in Title 24 and general electrical maintenance. We also provide lamp and ballast recycling services.

- 238210 Electrical Contractors

Project Professionals Corporation Phone: (858) 634-8180 Fax: (858) 634-8184

Byron S. Wade byron@projectprofessionalscorp.com

License Type	Business Status
CSD-12	Small

**NOTE:** Civil engineering firm with a focus on project management and third-party construction management

NAICS NAICS\_Description

R & M Plumbing Contractors, Inc. Phone: (619) 504-6520 Fax: (619) 324-7760

Randy Merkel Randmplumbing@cox.net

License Type	Business Status
A	Emerging
C-36	Emerging

NOTE: Plumbing & Site Utilities for new and remodel construction

238220 Plumbing, Heating, and Air-Conditioning Contractors

Rancho Coastal Engineering & Surveying, Inc. Phone: (760) 510-3152 Fax: (760) 510-3153

Nora Logan Nora@rcesd.com

License Type	Business Status
CSD-12	Emerging

NOTE: Civil Structural Engineering, Surveying, Land Planning, Grading Plans

541330 Engineering Services

RAP Engineering, Inc. Phone: (760) 233-2980 Fax: (760) 233-2984

Robert Perez rperez@rapenginc.com

License Type	Business Status
A	Small

NOTE: Asphalt paving and grading

237310 Highway, Street, and Bridge Construction

Rappoport Development Consulting Services, LLC. Phone: (858) 205-4748 Fax:

Jeremy Rappoport Jeremy@landscapeexpertwitness.com

License Type	Business Status
Goods/Services	Small

NOTE: Certified arborist, landscape, horticulture and land development consulting services

561730 Landscaping Services

REC Trucking, Inc. Phone: (619) 946-4638 Fax: (619) 946-4654

Rafael Teran rectrucking.inc@gmail.com

License Type	Business Status
Supplier	Emerging

NOTE: Supplier/Trucking material and delivery services

484110 General Freight Trucking, Local

423850 Service Establishment Equipment and Supplies Merchant Wholesalers

Recon Recycling, LLC. DBA Recon Recycling Phone: (619) 955-8158 Fax: (619) 955-8159

Richard McCaskill Richard@reconrecycling.com

License Type	Business Status
Goods/Services	Small

NOTE: Recycling Services - Roll-off rental, scrap metal purchasing

238910 Site Preparation Contractors

Soclaris Contracting

Phone: (619) 465-3438 Fax: (619) 374-7138

Sonny Rosenal Soclaris@sbcglobal.net

License Type	Business Status
A	Emerging
HAZ	Small

**NOTE:** Excavation, demolition, UST/AST removals, installs and repairs. Air/soil monitoring, soil remediation, hazardous & non-hazardous waste disposal

562910 Remediation Services

Solid Structures, Inc

Phone: (619) 464-5210 Fax: (619) 464-5212

Jeffrey F. Hicks Jeff@solidstructuresinc.com

License Type	Business Status
A	Emerging

**NOTE:** Reinforce concrete structures such as minor drainage structures, box culverts, retaining walls, small bridges, water vaults, sewer vaults.

237310 Highway, Street, and Bridge Construction

237110 Water and Sewer Line and Related Structures Construction

Solomon Eugene, LLC DBA Solomon & Co.

Phone: (858) 461-1769 Fax: (858) 350-6107

Eugene Solomon Jr. eugene.solomon@thesolomonco.com

License Type	Business Status
Supplier	Emerging

**NOTE:** BROKER - ELIGIBLE FOR FEES ONLY. Supplier of LED lighting, fixtures. IT Consulting, products, service.

423430 Computer and Computer Peripheral Equipment and Software Merchant Wholesalers

541512 Computer Systems Design Services

423610 Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers

Southern California Soil and Testing, Inc.

Phone: (619) 280-4321 Fax: (619) 280-4717

Neal W. Clements, PE nclements@scst.com

License Type	Business Status
LS	Small

**NOTE:** SCST provides geotechnical engineering, engineering geology, environmental site assessments, soils and materials laboratory testing, special inspection and QA/QC services. (FORMERLY KNOW AS - Southern California Soil Testing, Inc.)

541350 Building Inspection Services

541330 Engineering Services

541620 Environmental Consulting Services

562910 Remediation Services

NAICS NAICS\_Description

Sustainability Matters, Inc.

Phone: (619) 696-1068 Fax:

Kristen Victor kristen@sustainabilitymatters.us

License Type	Business Status
Goods/Services	Emerging

**NOTE:** Green building materials: interior & exterior / Environmental & Sustainable building Consulting services.

541620 Environmental Consulting Services

Sutherlin Contracting, Inc.

Phone: (619) 588-8895 Fax: (619) 579-1993

Kristi Sutherlin KSuthe4187@aol.com

License Type	Business Status
B	Small
C-10	Small

**NOTE:** Electrical construction-installation of traffic signals and street lighting, video detection, loops and cameras.

238210 Electrical Contractors

SWCS, Inc. DBA Southwest Construction Services, Inc.

Phone: (619) 258-9944 Fax: (619) 258-9946

Gerald S Smith nicole@southwestsp.com

License Type	Business Status
B	Small
D-28	Small
D-34	Small

**NOTE:** General Contractor and division 10 specialties subcontractor

238990 All Other Specialty Trade Contractors

238350 Finish Carpentry Contractors

T&T Janitorial, Inc.

Phone: (858) 336-8837 Fax: (858) 653-3990

Tam Doan TT\_janitorial@outlook.com

License Type	Business Status
Goods/Services	Small

**NOTE:**

561720 Janitorial Services

T.L. Scanlan Construction

Phone: (619) 647-9062 Fax: (619) 445-5190

Thomas L. Scanlan tom@tlscanlanconstruction.com

License Type	Business Status
A	Emerging

**NOTE:** Sewer, water, storm drain, structural concrete & directional drilling (boring) construction

237110 Water and Sewer Line and Related Structures Construction

NAICS NAICS\_Description

Tran Consulting Engineers Phone: (619) 563-7650 Fax: (619) 563-7821

Hoa Tran Tran@tran-c-e.com

License Type	Business Status
CSD-12	Small
M	Small

**NOTE:** Civil/sanitary engineering, planning, study, design & construction support

541330 Engineering Services

Transtar Pipeline, Inc. Phone: (858) 453-0744 Fax: (858) 453-0745

Cynthia S. Brito info@transtarpipeline.com

License Type	Business Status
A	Emerging

**NOTE:** General Engineering Contractor

237310 Highway, Street, and Bridge Construction

~~237330 Other Heavy and Civil Engineering Construction~~

237110 Water and Sewer Line and Related Structures Construction

Trembath Consulting, Inc Phone: (858) 461-0590 Fax:

Richard Trembath RjhTrembath@gmail.com

License Type	Business Status
CSD-12	Emerging

**NOTE:** Civil Engineering Services

541330 Engineering Services

Trestles Environmental Corporation Phone: (949) 246-3117 Fax:

Julie Fontaine Julie@trestlesec.net

License Type	Business Status
Goods/Services	Emerging

**NOTE:** Ecological consulting services, including habitat assessments, jurisdictional delineations, regulatory permitting, habitat mitigation & restoration planning, construction monitoring, biological monitoring soil assessment, and conservation planning

541690 Other Scientific and Technical Consulting Services

Trevin Schall Architect Inc. Phone: (858) 692-3835 Fax: (619) 255-3991

Trevin Schall tschall@schallarchitects.com

License Type	Business Status
ARC	Emerging

**NOTE:** Full service architectural services (schematic design, design development, construction documents, construction administration and project management).

541310 Architectural Services

NAICS NAICS\_Description

Wired Zone DBA Eaton Electric

Phone: (619) 291-2388 Fax: (619) 260-1374

Thomas Eaton tom@eatonelectric.com

License Type	Business Status
C-10	Emerging

**NOTE:** Electrical Contractor

238210 Electrical Contractors

Wrightman, Inc. DBA Surety Associates of Southern California Insurance Services

Phone: (619) 501-1899 Fax: (619) 270-9833

Anne Wright Anne@sascbonds.com

License Type	Business Status
Goods/Services	Emerging

**NOTE:** Surety bond agent sales/services

524126 Direct Property and Casualty Insurance Carriers

524210 Insurance Agencies and Brokerages

YBS Concrete, Inc.

Phone: (619) 271-6122 Fax: (619) 207-0003

Rodolfo Sanchez Ybsconcrete@yahoo.com

License Type	Business Status
C-08	Small

**NOTE:** Concrete work, ped ramps, sidewalk, curb & gutter, demolition, all concrete work

238110 Poured Concrete Foundation and Structure Contractors

238120 Structural Steel and Precast Concrete Contractors

Yen C. Tu Consulting

Phone: (619) 417-5993 Fax:

Yen C. Tu yentu2@gmail.com

License Type	Business Status
Goods/Services	Emerging

**NOTE:** Public relations and community outreach

541820 Public Relations Agencies

Zasqueta Contracting, Inc.

Phone: (619) 589-0609 Fax: (619) 697-6031

Andrew E. Zasqueta azplaygrounds@cox.net

License Type	Business Status
A	Emerging
D-34	Emerging
B	Emerging

**NOTE:** Playground equipment installation, shade structure installation, and all related site work

238990 All Other Specialty Trade Contractors

[Back To Query Form](#)**Search Returned 1 Records**

Mon Mar 20 10:35:40 PDT 2017

**Query Criteria**

Firm/DBA Name: In-Line

Firm Type: DBE

---

<b>Firm ID</b>	14089
<b>Firm/DBA Name</b>	IN-LINE FENCE & RAILING CO., INC
<b>Address Line1</b>	1307 WALNUT STREET
<b>Address Line2</b>	
<b>City</b>	RAMONA
<b>State</b>	CA
<b>Zip Code1</b>	92065
<b>Zip Code2</b>	
<b>Mailing Address Line1</b>	P.O. BOX 2637
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	RAMONA
<b>Mailing State</b>	CA
<b>Mailing Zip Code1</b>	92065
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	DBE
<b>E-Mail</b>	julie@inlinerail.com
<b>Contact Name</b>	DAVID ORTIZ
<b>Area Code</b>	( 760 )
<b>Phone Number</b>	789-0282
<b>Extension</b>	
<b>Alt Area Code</b>	( )
<b>Alt Phone Number</b>	
<b>Extension</b>	
<b>Fax Area Code</b>	( 760 )
<b>Fax Phone Number</b>	789-0689
<b>Agency Name</b>	DEPARTMENT OF TRANSPORTATION
<b>Counties</b>	13; 30; 33; 36; 37;
<b>Districts</b>	08; 11; 12;
<b>DBE NAICS</b>	238990;
<b>ACDBE NAICS</b>	
<b>Work Codes</b>	C8000 FENCING; C8501 PAVEMENT MARKING; C8320 METAL BEAM GUARD RAILING;
<b>Licenses</b>	C13 Fencing Contractor;
<b>Trucks</b>	
<b>Gender</b>	M
<b>Ethnicity</b>	HISPANIC
<b>Firm Type</b>	DBE

---

[Back To Query Form](#)

[Back To Query Form](#)**Search Returned 2 Records**

Mon Mar 20 10:33:01 PDT 2017

**Query Criteria**

Firm/DBA Name: Statewide

Firm Type: DBE

<b>Firm ID</b>	32232
<b>Firm/DBA Name</b>	STATEWIDE STRIPES, INC
<b>Address Line1</b>	7320 MISSION GORGE ROAD
<b>Address Line2</b>	
<b>City</b>	SAN DIEGO
<b>State</b>	CA
<b>Zip Code1</b>	92120
<b>Zip Code2</b>	
<b>Mailing Address Line1</b>	P.O. BOX 600710
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	SAN DIEGO
<b>Mailing State</b>	CA
<b>Mailing Zip Code1</b>	92160
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	DBE
<b>EEmail</b>	dawn@statewidestripes.com
<b>Contact Name</b>	DAVID BRILHANTE
<b>Area Code</b>	( 858 )
<b>Phone Number</b>	560-6887
<b>Extension</b>	
<b>Alt Area Code</b>	( )
<b>Alt Phone Number</b>	
<b>Extension</b>	
<b>Fax Area Code</b>	( 858 )
<b>Fax Phone Number</b>	560-0158
<b>Agency Name</b>	DEPARTMENT OF TRANSPORTATION
<b>Counties</b>	00;
<b>Districts</b>	00;
<b>DBE NAICS</b>	238320; 238990; 561990;

**ACDBE NAICS****Work Codes**

C1522 RESET, ADJUST ROADWAY ITEMS; C8405 THERMOPLASTIC TRAFFIC STRIPING & MARKING; C9906 SANDBLASTING; C5900 CLEAN & PAINT STEEL; C8406 PAINTED TRAFFIC STRIPING & MARKING; C9854 PAINTING STRUCTURES;

**Licenses**

C32 Parking and Highway Improvement Contractor; C33 Painting and Decorating Contractor; D38 Sand and Water Blasting;

**Trucks****Gender**

M

**Ethnicity**

HISPANIC

**Firm Type**

DBE

<b>Firm ID</b>	37369
<b>Firm/DBA Name</b>	STATEWIDE WATER TENDERS
<b>Address Line1</b>	10898 EAST JAHANT ROAD
<b>Address Line2</b>	
<b>City</b>	ACAMPO
<b>State</b>	CA
<b>Zip Code1</b>	95220
<b>Zip Code2</b>	
<b>Mailing Address Line1</b>	
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	
<b>Mailing State</b>	
<b>Mailing Zip Code1</b>	
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	DBE
<b>EEmail</b>	sraddigan@aol.com
<b>Contact Name</b>	STEVEN WILLIAM RADDIGAN



[Back To Query Form](#)**Search Returned 1 Records**

Mon Mar 20 10:31:57 PDT 2017

**Query Criteria**

Firm/DBA Name: Sealright

Firm Type: DBE

---

<b>Firm ID</b>	42984
<b>Firm/DBA Name</b>	SEALRIGHT PAVING INC
<b>Address Line1</b>	9053 OLIVE DRIVE
<b>Address Line2</b>	
<b>City</b>	SPRING VALLEY
<b>State</b>	CA
<b>Zip Code1</b>	91977
<b>Zip Code2</b>	
<b>Mailing Address Line1</b>	
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	
<b>Mailing State</b>	
<b>Mailing Zip Code1</b>	
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	DBE
<b>EEmail</b>	estimating@sealrightpavinginc.com
<b>Contact Name</b>	FRANK T. VASQUEZ
<b>Area Code</b>	( 619 )
<b>Phone Number</b>	465-7411
<b>Extension</b>	
<b>Alt Area Code</b>	( )
<b>Alt Phone Number</b>	
<b>Extension</b>	
<b>Fax Area Code</b>	( 619 )
<b>Fax Phone Number</b>	465-7490
<b>Agency Name</b>	DEPARTMENT OF TRANSPORTATION
<b>Counties</b>	13; 19; 30; 33; 36; 37; 56;
<b>Districts</b>	07; 08; 11; 12;
<b>DBE NAICS</b>	237310; 238990;
<b>ACDBE NAICS</b>	
<b>Work Codes</b>	C3901 ASPHALT CONCRETE; C2602 AGGREGATE BASE; C3940 PLACE ASPHALT CONCRETE DIKE & MISC; C2201 FINISHING ROADWAY; C3930 PAVEMENT REINFORCING FABRIC; C3701 SEAL COAT; C3910 PAVING ASPHALT (ASPHALT CONCRETE);
<b>Licenses</b>	C12 Earthwork and Paving Contractor;
<b>Trucks</b>	
<b>Gender</b>	M
<b>Ethnicity</b>	HISPANIC
<b>Firm Type</b>	DBE

---

[Back To Query Form](#)

[Back To Query Form](#)**Search Returned 1 Records**

Mon Mar 20 10:36:22 PDT 2017

**Query Criteria**

Firm/DBA Name: Hashmi

Firm Type: DBE

<b>Firm ID</b>	32412
<b>Firm/DBA Name</b>	A.B. HASHMI, INC.
<b>Address Line1</b>	13066 DEER CANYON CT.
<b>Address Line2</b>	
<b>City</b>	SAN DIEGO
<b>State</b>	CA
<b>Zip Code1</b>	92131
<b>Zip Code2</b>	
<b>Mailing Address Line1</b>	
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	
<b>Mailing State</b>	
<b>Mailing Zip Code1</b>	
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	DBE
<b>E-Mail</b>	info@abhashmi.com
<b>Contact Name</b>	AHMAD HASHMI
<b>Area Code</b>	( 760 )
<b>Phone Number</b>	672-8059
<b>Extension</b>	
<b>Alt Area Code</b>	( )
<b>Alt Phone Number</b>	
<b>Extension</b>	
<b>Fax Area Code</b>	( 858 )
<b>Fax Phone Number</b>	433-7215
<b>Agency Name</b>	DEPARTMENT OF TRANSPORTATION
<b>Counties</b>	13; 30; 33; 37;
<b>Districts</b>	08; 11; 12;
<b>DBE NAICS</b>	221310; 238910; 238990; 561730;

**ACDBE NAICS**

<b>Work Codes</b>	E4940 WATER SUPPLY; E4970 IRRIGATION SYSTEMS; C1601 CLEARING & GRUBBING; C1701 DEVELOP WATER SUPPLY; C2065 IRRIGATION SYSTEM;
<b>Licenses</b>	A General Engineering Contractor; C27 Landscaping Contractor;
<b>Trucks</b>	
<b>Gender</b>	M
<b>Ethnicity</b>	ASIAN SUBCONTINENT
<b>Firm Type</b>	DBE

[Back To Query Form](#)

[Back To Query Form](#)**Search Returned 1 Records**

Mon Mar 20 10:31:12 PDT 2017

**Query Criteria**

Firm/DBA Name: Transtar

Firm Type: DBE

<b>Firm ID</b>	39278
<b>Firm/DBA Name</b>	TRANSTAR PIPELINE, INC
<b>Address Line1</b>	10467 ROSELLE STREET
<b>Address Line2</b>	
<b>City</b>	SAN DIEGO
<b>State</b>	CA
<b>Zip Code1</b>	92121
<b>Zip Code2</b>	1503
<b>Mailing Address Line1</b>	
<b>Mailing Address Line2</b>	
<b>Mailing City</b>	
<b>Mailing State</b>	
<b>Mailing Zip Code1</b>	
<b>Mailing Zip Code2</b>	
<b>Certification Type</b>	DBE
<b>EMail</b>	info@transtarpipeline.com
<b>Contact Name</b>	CYNTHIA S. BRITO
<b>Area Code</b>	( 858 )
<b>Phone Number</b>	453-0744
<b>Extension</b>	
<b>Alt Area Code</b>	( )
<b>Alt Phone Number</b>	
<b>Extension</b>	
<b>Fax Area Code</b>	( 858 )
<b>Fax Phone Number</b>	453-0745
<b>Agency Name</b>	DEPARTMENT OF TRANSPORTATION
<b>Counties</b>	19; 30; 36; 37;
<b>Districts</b>	07; 08; 11; 12;
<b>DBE NAICS</b>	237110; 237310; 237990; 238910;

**ACDBE NAICS****Work Codes**

C8773 Construction Management - Highway, Street and Bridge Construction; C8776 Construction Management - Other Heavy and Civil Construction; C8778 Construction Management - Water and Sewer Line and Related Structure Construction;

**Licenses**

A General Engineering Contractor;

**Trucks****Gender**

M

**Ethnicity**

HISPANIC

**Firm Type**

DBE

[Back To Query Form](#)

**Supplier Profile**  
State of California Certification



Certification ID : 1759607

Legal Business Name  
GEE RAY GEE INC

Doing Business As (DBA) Name1:  
G FORCE

Doing Business As (DBA) Name2:

Office Phone Number  
619/583-6633

Business Fax Number  
866/319-1366

Business Web Address  
<http://www.gforceca.com> ()

Service Areas

Alameda , Alpine , Amador , Butte , Calaveras , Colusa , Contra Costa , Del Norte , El Dorado , Fresno , Glenn , Humboldt , Imperial , Inyo , Kern , Kings , Lake , Lassen , Los Angeles , Madera , Marin , Mariposa , Mendocino , Merced , Modoc , Mono , Monterey , Napa , Nevada , Orange , Placer , Plumas , Riverside , Sacramento , San Benito , San Bernardino , San Diego , San Francisco , San Joaquin , San Luis Obispo , San Mateo , Santa Barbara , Santa Clara , Santa Cruz , Shasta , Sierra , Siskiyou , Solano , Sonoma , Stanislaus , Sutter , Tehama , Trinity , Tulare , Tuolumne , Ventura , Yolo , Yuba

Address  
4035 PACIFIC HIGHWAY  
SAN DIEGO  
CA 92110

Email:  
[ulmer@gforceca.com](mailto:ulmer@gforceca.com) (<mailto:ulmer@gforceca.com>)

Total No. of Employees  
20

Business Types:  
Service

Notification Preference  
Email

[View Keywords](#)

[View Classifications](#)

Active Certifications ?

Certification Type	Status	From	To
DVBE	Approved	12/07/2013	12/31/2017
SB(Micro)	Approved	12/02/2013	12/31/2017

Certification History ?

[Return to Search](#)

[\(http://www.dgs.ca.gov/\)](http://www.dgs.ca.gov/)

[\(http://www.fiscal.ca.gov/\)](http://www.fiscal.ca.gov/)

**Supplier Profile**  
State of California Certification



Certification ID : 45

Legal Business Name  
DRAVES PIPELINE

Doing Business As (DBA) Name1:  
DRAVES PIPELINE

Doing Business As (DBA) Name2:

Office Phone Number  
760/728-7094

Business Fax Number  
760/728-0086

Business Web Address  
<http://www.dravespipeline.com> ()

Address  
P O BOX 1051  
BONSALL  
CA 92003

Email:  
[dale@dravespipeline.com](mailto:dale@dravespipeline.com) (<mailto:dale@dravespipeline.com>)

Total No. of Employees

Business Types:  
Non-Manufacturer , Service

Notification Preference  
Email

Service Areas

Alameda , Alpine , Amador , Butte , Calaveras , Colusa , Contra Costa , Del Norte , El Dorado , Fresno , Glenn , Humboldt , Imperial , Inyo , Kern , Kings , Lake , Lassen , Los Angeles , Madera , Marin , Mariposa , Mendocino , Merced , Modoc , Mono , Monterey , Napa , Nevada , Orange , Placer , Plumas , Riverside , Sacramento , San Benito , San Bernardino , San Diego , San Joaquin , San Luis Obispo , San Mateo , Santa Barbara , Santa Clara , Santa Cruz , Shasta , Sierra , Siskiyou , Solano , Sonoma , Stanislaus , Sutter , Tehama , Trinity , Tulare , Tuolumne , Ventura , Yolo , Yuba

[View Keywords](#)

[View Classifications](#)

Active Certifications ?

Certification Type	Status	From	To
DVBE	Approved	06/05/2013	06/30/2017
SB(Micro)	Approved	06/03/2013	06/30/2017

Certification History ?

[Return to Search](#)

[\(http://www.dgs.ca.gov/\)](http://www.dgs.ca.gov/)

[\(http://www.fiscal.ca.gov/\)](http://www.fiscal.ca.gov/)



U.S. SMALL BUSINESS ADMINISTRATION  
WASHINGTON, DC 20416

Original  
Certification  
Date: 12/30/2014

Cynthia Brito - President/treasurer  
TRANSTAR PIPELINE INC  
10467 Roselle Street,  
San diego, CA, 92121-1503

Dear Cynthia Brito:

**Congratulations! . . . Welcome to the HUBZone Program!**

I am pleased to advise you that effective this date, TRANSTAR PIPELINE INC has been approved for certification as a "qualified HUBZone small business concern (SBC)". The firm is now eligible for HUBZone contracting opportunities and will be included on the list of qualified HUBZone small business concerns found at [http://dsbs.sba.gov/dsbs/search/dsp\\_searchhubzone.cfm](http://dsbs.sba.gov/dsbs/search/dsp_searchhubzone.cfm). This certification will remain in effect unless SBA later determines that the firm does not meet the eligibility requirements of the program or the firm submits a [voluntary decertification form](#).

**Responsibilities as a HUBZone certified concern**

As a HUBZone certified concern, the program benefits the firm may receive come with important responsibilities, including:

- **Keeping the firm's System for Award Management (SAM) and Dynamic Small Business Search (DSBS) records up-to-date.** To apply for HUBZone Program certification, the firm had to be registered in SAM and DSBS. For the firm to receive benefits from the HUBZone Program (i.e., to be identified by contracting officers as eligible to receive HUBZone contracts and to be paid under any such contracts), these records must remain up-to-date. You must validate the firm's information at least annually or your SAM registration will become inactive. If you need assistance in updating your SAM or DSBS information, please go to the SAM Help Desk at <https://fsd.gov/fsd-gov/home.do>.
- **Informing the HUBZone Program of any material changes to the concern.** If there are material changes to the concern that may affect its continued eligibility, you must notify the HUBZone Program by sending an e-mail to [HZMCN@sba.gov](mailto:HZMCN@sba.gov). Material changes include a change in name, size, ownership, business structure, or principal office location, in addition to falling below the 35% employee HUBZone residency requirement when the firm is not performing on a HUBZone contract. Failure to notify the HUBZone Program of material changes may result in decertification from the program. If at any time the concern no longer qualifies for the HUBZone Program, the individual authorized to represent the firm can complete the "Voluntary Decertification Agreement" available at <http://www.sba.gov/content/maintaining-hubzone-certification>

Note: the HUBZone Program mails notices regarding program examinations and re-certifications to the firm's most recent address of record. If the firm fails to respond to these notices because the firm relocated without updating its SAM and DSBS profiles and informing the HUBZone Program, SBA will propose the firm for decertification and may subsequently decertify it from the Program. Therefore, it is critical that you notify us of any change in address and keep the firm's SAM and DSBS profiles current.

- **Remaining in compliance at all times and staying updated on Program changes.** It is the firm's responsibility to continually ensure that it meets the requirements of the Program. This includes, for example, continuously meeting the 35% HUBZone residency requirement. Although the firm can make good faith efforts to "attempt to maintain" (see definition at [13 C.F.R. § 126.103](#)) having 35% of its employees reside in a HUBZone during the performance of a HUBZone contract it received (as a prime, not as a subcontractor), the business must meet this residency requirement anytime it submits an offer on and receives a new HUBZone contract. This also includes complying with contract performance requirements in connection with any HUBZone contracts awarded to the firm as a qualified HUBZone SBC (e.g., the subcontracting limitations requirements set forth in [13 C.F.R. § 126.700](#), and/or the non-manufacturer rule set forth in [13 C.F.R. § 126.601\(e\)](#)).

Note: SBA may consider the employees of affiliated companies when counting employees of the HUBZone firm. SBA considers many factors to determine if employees from the affiliated companies should be aggregated with the HUBZone firm when evaluating compliance with the principal office and the 35% employee HUBZone residency requirements. To learn more, listen to the Part 2 webinar in the "Additional Tools" sections of "Understanding the HUBZone Program" at <http://www.sba.gov/content/understanding-hubzone-program>.

- **Periodically visiting our website (<http://www.sba.gov/hubzone>) to keep up-to-date with the Program requirements and geographical designations.** Check SBA's HUBZone mapping pages to determine whether changes in HUBZone area designations impact or will impact the firm's eligibility at <http://www.sba.gov/content/hubzone-maps>. When you need help, go to the Small Business Learning Center at <http://www.sba.gov/tools/sba-learning-center>.
- **Participating in SBA eligibility monitoring initiatives.** In order to ensure the integrity of the Program, firms will be required to recertify their status and may be subject to program examinations or protests designed to verify eligibility, including:
  - SBA requiring the concern to certify in writing under penalty of perjury that it continues to meet all the eligibility criteria of the HUBZone Program or voluntarily decertify
  - SBA requiring the concern to submit updated documentation, similar to the information and documents you provided for the firm to obtain initial certification, in order to verify that it remains eligible for the program.
  - SBA requiring the concern to demonstrate that it was eligible for the Program both at the time of its initial offer and award of a HUBZone contract.
  - SBA making unannounced site visits to any or all of the concern's locations to verify the accuracy of any information provided to SBA.

**Attention. By bidding on any Federal contract that is reserved only for HUBZone SBCs or for which a HUBZone preference will be applied, the firm's submission of that bid is deemed to be a certification to the United States that the company is fully in compliance with the HUBZone regulatory requirements, and that there have been no material changes since it received the HUBZone certification that have not been brought to SBA's attention. ANY SBC FOUND TO MISREPRESENT ITS HUBZONE STATUS IN OBTAINING SUCH A CONTRACT MAY BE SUBJECT TO A RANGE OF CRIMINAL PENALTIES, TREBLE DAMAGES UNDER THE FALSE CLAIMS ACT, AND/OR SUSPENSION OR DEBARMENT FROM FEDERAL CONTRACTING.**

**How to get the most out of the Program**

Although the firm's status as a certified HUBZone SBC greatly improves its access to Federal contracts, this certification does not guarantee contract awards. Your ability to research contracting opportunities and competitively bid on them will be the key to your success in this program. I recommend you utilize the following additional web resources designed to help you maximize the Program's benefits:

- SBA's Government Contracting Classroom website at (<http://www.sba.gov/gclassroom>) provides valuable information on Federal contracting. Please note that while your concern was approved under the primary North American Industry Classification System (NAICS) Code found in your firm's SAM and DSBS

profiles, you may be awarded contracts under other NAICS Codes. You may benefit from researching and identifying potential HUBZone contracting opportunities outside your profile's NAICS code.

- SBA's Surety Bond Program website ([www.sba.gov/osg](http://www.sba.gov/osg)) provides information on how to apply for an SBA surety bond guarantee.
- Federal Business Opportunities ([www.fbo.gov](http://www.fbo.gov)) serves as a central listing for Federal procurement solicitations to the public.

**Thank you for contributing to US economic development**

We wish you the best of luck as a HUBZone certified concern - your success will help improve the economic future of the HUBZone(s) in which the firm operates. If at any time you have any questions about the Program or how the SBA may be able to support your business objectives, the HUBZone Office offers assistance via an interactive conference call where we can respond to general questions and concerns in real-time. Visit our website at <http://www.sba.gov/hubzone>, for additional information or contact the HUBZone Help Desk at [HUBZone@sba.gov](mailto:HUBZone@sba.gov)

Sincerely,



Mariana Pardo  
Director  
Office of HUBZone Program

**HUBZone Certification Number: 52636**

Ref: IAF-19L

---

Office of the HUBZone Program, U.S. Small Business Administration, 409 Third Street, SW, Washington, DC 20416

---

# APPENDIX D: LETTER OF BONDABILITY

---





1455 Frazee Road, Suite 801  
San Diego, CA 92108

Internet: [www.cnasurety.com](http://www.cnasurety.com)

March 20, 2017

City of San Diego  
Public Works Contracts  
1010 Second Avenue, 14<sup>th</sup> Floor, MS 614C  
San Diego, CA 92101  
Attn: Contract Specialist

Re: **Orion Construction Corporation**  
**Pre-Qualification: RFQ No. K-17-1518-MAC-3**

To Whom It May Concern:

CNA Surety currently provides bonding to Orion Construction Corporation through Western Surety Company, one of its subsidiaries since 2013, during which time we have favorably considered projects up to \$40,000,000 with a potential aggregate program of \$60,000,000. Our experience with Orion Construction Corporation has been excellent, and we highly recommend them to you.

Western Surety Company's decision to issue any bond is conditioned upon acceptable review of contract terms, contract amount, bond forms, and financing for each project as well as other pertinent underwriting information at the time of request. Western Surety Company is California admitted surety, listed in the Department of the Treasury's Listing of Approved Sureties (Department Circular 570) with an underwriting limitation of \$131,504,000 and carries an AM Best rating of "A XII."

Please understand that any arrangement for any bonds is a matter between Orion Construction Corporation and Western Surety Company, and we assume no liability to third parties or you, if for any reason, we do not issue requested bonds.

**Western Surety Company**

  
Sarah Myers  
Attorney-in-Fact

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT** Civil Code § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

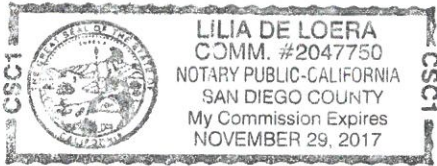
STATE OF CALIFORNIA

County of San Diego

On MAR 20 2017 before me, Lilia De Loera, Notary Public,  
Date Insert Name of Notary exactly as it appears on the official seal

personally appeared Sarah Myers  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Signature [Signature]  
Signature of Notary Public Lilia De Loera

**OPTIONAL**

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of the form to another document.

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

**RIGHT THUMBPRINT OF SIGNER**  
Top of thumb here

Signer is Representing:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

**RIGHT THUMBPRINT OF SIGNER**  
Top of thumb here

Signer is Representing:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# Western Surety Company

## POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

**Lawrence F Mc Mahon, James Baldassare Jr, Sarah Myers, Maria Guise, Lilia Robinson, Charlotte Aquino, Jennifer L Clampert, Janice Martin, Individually**

of San Diego, CA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

**- In Unlimited Amounts -**

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 16th day of June, 2015.



WESTERN SURETY COMPANY

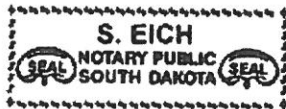
Paul T. Bruflat, Vice President

State of South Dakota }  
County of Minnehaha } ss

On this 16th day of June, 2015, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

February 12, 2021



S. Eich, Notary Public

### CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 20th day of March, 2017.



WESTERN SURETY COMPANY

L. Nelson, Assistant Secretary

**Authorizing By-Law**

**ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY**

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

# APPENDIX E: RESUMES

---

# Robert B. Wilson

2185 La Mirada Drive, Vista, CA 92081  
(760) 596-9660

## PROFESSIONAL EXPERIENCE

### ORION COSTRUCTION

1998-PRESENT

#### PROGRAM MANAGER / DIRECTOR OF DB SERVICES

Rob's qualifications as Program Manager/Director of Design-Build Services/Chief Estimator include a B.S. in Civil Engineering and over 30 years of experience managing and estimating public infrastructure construction projects. Rob's experience includes preparation of proposals & pricing, Project Manager Oversight, contract conformance and coordination with the client, staffing and equipment resources allocation oversight, change order review, and oversight of schedule modifications for both design-build and design bid build public infrastructure including water and wastewater treatment plants, sewer and water pumping stations, underground utilities, street and park improvements, and water storage facilities. Clients include the City of San Diego, City of La Habra, Padre Dam Municipal Water District, U.S. Navy, and many other public entities.

Rob's experience with the City of San Diego included touching all critical schedule sensitive elements including trial shutdowns and shutdowns, cutovers, high line plans, execution plan including crew staffing and equipment selection, sewer by-pass plans, permitting and environmental compliance and monitoring.

Rob served as Program Manager on a long list of highly successful projects within the City of San Diego.

- ▶ Partial list of City of San Diego Projects includes:
  - City of La Habra
  - P-1044 D/B Advanced Water Treatment Plant and Conveyance
  - Dakota Canyon Native revegetation
  - La Bonita Park Water Facilities D/B
  - Storm Water Permanent BMP Retrofit D/B
  - Grossmont Union High School District
  - Design Build Water Group Job 921
  - Design Build Water Group Job 922
  - Design Build Water Group Job 926
  - Sewer Group Job 783
  - Water and Sewer Group Job 619
  - Water and Sewer Group Job 2000

### C. E. WYLIE CONSTRUCTION CO.

1993 – 1998

#### PROJECT MANAGER/ESTIMATOR

- ▶ Responsible for managing ongoing contracts for a general and engineering contractor. Also responsible for preparation of detailed mechanical estimates for sewer and water treatment facilities

### CAL SOUTHWEST CONSTRUCTION, INC.

1988 – 1993

#### PROJECT MANAGER

- ▶ Responsible for managing ongoing contracts for a general and engineering contractor, and for preparation of detailed estimates for bidding. Projects included Sewage and Water Pump Stations, Wastewater Treatment Plants, Water Storage Facilities, Underground Utilities, and Groundwater Remediation Systems.

### CROWN CONTRACTING, INC.

1981 –1988

#### VICE PRESIDENT

- ▶ Responsible for managing ongoing contracts for a mechanical contracting company, and estimating. Also responsible for major equipment purchases and sub-contract negotiations. The primary focus of the company was military and government construction as a prime contractor. Projects managed and estimated included

major wastewater, steam distribution, boiler and cogeneration plants, pier utilities, and fuel distribution projects. Clients included the US Navy, Army Corps of Engineers, City of San Diego, and San Diego State University. Value of contracts ranged from \$100,000 to \$4 million.

**ROICC SAN DIEGO AREA AND PT. MUGU/PORT HUENEME**  
SUPERVISORY CIVIL ENGINEER

1977 – 1981

- ▶ Administrated over 100 contracts worth more than \$80 million, the largest being \$24 million. These contracts involved major electrical and mechanical utility work, waterfront construction, sewage treatment facilities, new industrial, recreational, medical, educational, and warehouse facilities.

**ROICC CAMP PENDLETON, CA**  
CIVIL ENGINEER

1975 –1977

**PROFESSIONAL DVPMT PROGRAM OF THE NAVAL FACILITIES ENGINEERING COMMAND**  
CIVIL ENGINEER

1973-1975

*ACADEMIC QUALIFICATIONS*

**Union College, Schenectady, New York, B. S. in Civil Engineering,**

1973

*CERTIFICATIONS*

- OSHA 30 Construction Course, 2009, Click Safety
- Trenching & Shoring / Competent Person, 2009, Pacific Safety Council
- Hazwoper 40 Hour, 2009, Safety Trainer Online
- Fall Protection, 2009, presented by National Environmental Trainers
- C2 CAL HAZCOM, 2009, Click Safety
- Confined Space, 2006, Orion Construction
- Adult/Pediatric CPR, 2009, Cuyamaca College
- C1 CAL IIPP, 2009, Click Safety
- G2 CAL/OSHA Heat Illness R2, 2009, Click Safety
- Quality Control
- Quality Management in the Design Organization, 2009, ASCE
- NAVFAC Contractor Quality Management (CQM) 2009, NAVFAC
- Fundamentals of CQC, 2009, American General Contractors Association/NAVFAC
- Anti-Terrorism Standards
- CFATS Chemical Facility Anti-Terrorism Standards, 2009, ASIS International Sustainability
- Introduction to Green Design, 2009, ASCE
- Green Building Basics and LEED Course, 2009, U.S. Green Building Council
- LEED Core Concepts and Strategies Workshop, 2009, U.S. Green Building Council
- Principals of Design-Build Project Delivery, 2009, Design-Build Institute of America (DBIA)

**REFERENCES**

Chris Gascon, City of San Diego Project Manager (619) 533-7418  
Sarah Chavez, City of San Diego Resident Engineer (619) 533-6902  
Ha Nguyen, San Diego Resident Engineer (619) 990-4028  
Fahmy Rekani, City of San Diego Resident Engineer (858) 495-4716  
Iraj Asgharzadel, City of San Diego Senior Engineer (619) 533-5105

# Jason Danks

2185 La Mirada Drive, Vista, CA 92081  
(760) 596-9660

## PROFESSIONAL EXPERIENCE

### KEY RELATED EXPERIENCE

#### PROJECT MANAGER

- ▶ City of San Diego Sewer Pump Station 19, Jason Danks Project Manager
  - Orion Construction Excelled in communication. The Contractor was open and honest in all aspects of construction." "Orion also excelled in public relations. For example...the Bird Rock Community Committee (BRCC) held..."the Taste of Birdrock". BRCC asked Orion to provide traffic control to facilitate the flow of pedestrian traffic....Orion saw this as a great public relations opportunity, and agreed to do so as a donation to the Birdrock Community. The City had no say in this nor did we suggest to Orion that they participate....Also, the Contractor always treated the Resident Engineer and other City staff in a professional and courteous manner." Daniel Tittle, Resident Engineer.
- ▶ NAVFAC Southwest – P-1045 New Portable Water Conveyance
  - Coordinated Caltrans and North County Transit District (NCTD) encroachment permits for crossing Caltrans and NCTD with trenchless construction.
- ▶ NAVFAC Southwest – Design-Build Advanced Water Treatment Plant P-113
  - Installation of 56,000 LF of 14" HDPE water/brine line from the newly constructed plant to the Oceanside Harbor diffuser along Vandergrift Blvd. Installation by conventional open cut trench excavation and trenchless methods used for crossing North County Transit District Railroad and Oceanside Harbor Tank pads.
  - Work is being accomplished with alternating day and night shifts to accommodate Base traffic flows with two mainline installation, pipe appurtenant and paving crews. A separate traffic control crew lead by a foreman is onsite at all times maintaining up to 1 mile of traffic lane diversion supporting aggressive pipeline installation schedules. The pipeline is hydrostatically tested in 5,000 LF section with final chlorination prior to pump station and reservoir connections.

### ORION COSTRUCTION

OCT 2003-PRESENT

#### CONSTRUCTION MANAGER

Jason effectively manages all aspects of construction operations from vegetation clearing, grading, and general construction to final punch list and turn over. Provides direct management and oversight in the installation of site civil construction activities including; underground wet and dry utilities, landscape, hardscape, fencing, grading, above ground buildings, below ground structures, mechanical and buried pipe systems, installation and operation of water and sewer pumps, and all related process equipment. Coordinates work in the field assigning crews and equipment to appropriate Orion crews. Assists the project management teams in budget updates analyzing project progress and evaluating alternative methods of construction. Jason is also the Orion Construction designated Company Safety Officer. His safety duties include conducting weekly safety meetings, daily site safety inspections, company crane safety monitor, ensures project conformance with Company Injury Illness Prevention Plan, implementation of safe practices for Fall Protection, Confined Space, and Trench Shoring and Excavation, performs Safety Site Inspection with the Superintendents, attending the AGC monthly Safety Meetings, and conducts Safety Training for personnel. Jason is backed by a strong record of safe, on time, and on budget projects for local governments, including the City of San Diego. Some example projects that Jason has personally overseen are below:

- ▶ Projects Included:
  - City of San Diego – Water Group 3013 Replacement
    - This group job is broken-up into 4 separate water group jobs: Group 764, 764A, 821 and 821 A. This project is located in the Point Loma Area of San Diego
    - The project is comprised of: Approx. 11,000 Linear feet of 8" C-900 water pipe, Approx. 2,000 Linear feet of 12" C-900 water pipe, 300 + new 1" water services, Concrete Restoration, New Curb Ramps to Current ADA Standards at Various locations, 500,000 + square feet of Slurry Seal of existing Streets, Cold Milling and Ac overlay of Multiple Streets within the Project boundaries.



- City of San Diego – Miramar Water Pipeline Corrosion Inspection
  - The dewatering and inspection of 33,000 LF of 54" and 66" diameter water main for the City of San Diego, scope included constructing new pipeline access manways, dewatering and dechlorinating pipeline and rechlorinating pipeline in segments as it was placed back in service.
- City of San Diego – Design-Build Water Group 790
  - Project is 100% complete removing and replacing deteriorating cast iron and ACP waterlines-a total of 30,000 L.F.
  - Service laterals, fire hydrants, new ADA compliant handicap ramps with final slurry seal, and trench cap.
  - Developed existing service highline plan, purchased and implemented system hydrostatically testing and chlorinating to City health standards.
- City of San Diego – Water and Sewer Group 684A
  - Removal and replacement of 20,000 L.F. old deteriorating clay cast iron and ACP sewer and waterlines located in the metropolitan areas of San Diego.
  - Existing waterlines were high lined and service maintained to customers during replacement
  - The sewage system was bypassed and diverted one section at a time, allowing for timely replacement with a zero spill policy
  - Trenchless methods used to minimize impacts to the public and environment
- City of San Diego – Sewer Pump Station 19
  - Complete Sewer Pump Station Rehab of existing station
  - Includes new cast in place concrete pump station and colored architectural concrete beach face access and public stair way
  - Installed all new electrical and process equipment including new emergency generator and jib cranes
- NAVFAC Southwest – Replace 16" Potable Water NAS North Island
  - Work includes removal and installation of a new 16" 4,200 LF water main on Quentin Roosevelt and McCain Blvd including removal of existing 12" and 16" AC pipe. The existing system service is maintained during installation until the new pipeline is tested and chlorinated with final tie-ins accomplished by line stops.
- NAVFAC Southwest – Design-Build Repair Water main, Cummings Rd NAVAL Base San Diego
  - The D/B repair of 3,000 LF of 10" potable water main by a slip lining method with cured in place NSF approved liner. The existing system is high lined and service maintained during replacement and repairs. Scope included final pressure test, disinfection, and pre and post CCTV of the system as repairs proceeded.

## *ACADEMIC QUALIFICATIONS*

- AGC Construction Management
- AGC Advanced SWPPP
- OSHA 30 Construction Course, 2009, Click Safety
- Trenching & Shoring / Competent Person, 2009, Pacific Safety Council
- Hazwoper 40 Hour, 2009, Safety Trainer Online
- Fall Protection, 2009, presented by National Environmental Trainers
- C2 CAL HAZCOM, 2009, Click Safety
- Confined Space, 2006, Orion Construction
- Adult/Pediatric CPR, 2009, Cuyamaca College
- C1 CAL IIPP, 2009, Click Safety
- G2 CAL/OSHA Heat Illness R2, 2009, Click Safety
- Fundamentals of CQC, 2009, American General Contractors Association/NAVFAC

**Mesa College, San Diego, CA.** – Construction Management Certificate Program, Subcontractor Management, Advanced Plan Reading and Construction Trade Practices.

**Grossmont College, San Diego, CA.** – Auto Cad Program, Beginning and Advanced, Beginning Architecture and Engineering Courses.

# Mark Dowsing, PE

2185 La Mirada Drive, Vista, CA 92081  
(760) 596-9660

## PROFESSIONAL EXPERIENCE

### KEY RELATED EXPERIENCE

#### PROJECT MANAGER

#### ORION COSTRUCTION

2007- PRESENT

#### PROJECT MANAGER

Mark has a proven track record of success in all types of civil construction. Mark effectively manages all aspects of design build projects from design thru construction completion. He provides management and direction for design build projects involving civil site works, mechanical, landscaping, hardscape and buried pipe systems, installation and operation of water and sewer treatment plants, and distribution pipelines. Mark ensures the coordination among the various engineering disciplines while providing constructability reviews and later modifications during construction in order to create a seamless team. Provides direct management to field personnel and subcontractors.

#### ► Projects Included:

- City of La Habra – Design Build La Bonita Park Water Facilities – Project Manager
  - Buried pre-stressed post tensioned 500,000 gallon water reservoir to facilitate mixing/treatment of well water
  - Fresh water pump station, yard piping, and valves to deliver 11.4 MGD of water to the City's Zone 1 System
  - 2 ground water well facilities complete with independent operations buildings in operating City parks
  - 7,000 LF of 24" PVC and CML&C steel pipe.
  - 2013 Winner of a Design-Build Institute of America Award for Water/Wastewater Projects
  - The project included the design and construction of a new water well, booster pump station, water reservoir, and support infrastructure at La Bonita Park. In addition, demolition and reconstruction. Major phase of the project was the underground reservoir and potable water booster pump station construction.
  - The reservoir was sized at 250,000 gallons to blend locally sourced ground water and purchased water from the California Domestic Water Company (CDWC) in order to achieve the desired final mineral content and water quality for domestic consumption. The reservoir construction required the removal of nearly 10,000 Cubic Yards of soil to a depth of 30 feet. The booster pump station houses five 200hp vertical turbine pumps that supply nearly 70% of the City's daily water usage. The well facility encompasses a well depth in excess of 880 feet utilizing stainless steel casing for longevity.
  - The well facility houses a 150 hp vertical turbine pump which supplies 850gpm to the City's domestic water system. The well water is treated via an onsite chlorination facility and blended with supply water in the reservoir before transmission to the City's customers. The booster pump station is fed by a 1000 lineal feet of 24" PVC pipe installed in an active public park and discharges the blended well water from the reservoir into a new 5000 lineal foot 24" steel pipe for the final tie in into the city's domestic water system. This pipeline was installed adjacent to skate parks, boys and girls clubs, and an active high school. Extra precautions were taken to insure public safety, especially with the large geographic area of the project (over 24 acres) and high population of children and young adults in the vicinity.
  - The final phase of the project was the construction of the new restroom/ sports equipment storage facilities, batting cages, and futsal arena. Coordination between the Orion/Civil Source team and two major sports associations; US Soccer Association and Amateur Softball Association of America during the design yielded significant additional grant money from these organizations for the City to further upgrade the sports facilities to their standards.
  - The project completion reduced the outside water purchases from the Metropolitan Water District (MWD) saving the City approximately \$700,000 per year. The project team's aggressive schedule of

design and construction within 11 months was the focal point for the City's selection of the Orion/Civil Source team. The concurrent, interdependent design, procurement, and the construction activities were accomplished by 10 early start packages. Orion continually met the Owner's schedule for this project and completed on time and within budget.

- Value Engineering: Pre-stressed Concrete Tank VS Reinforced Concrete Tank, Tank size optimized and reduced for efficient mixing of water sources, High efficiency pump selection with variable frequency drives, HVAC lifecycle cost reduction, and use of large diameter PVC inlet pipe to mitigate surge wave velocity.
- Availability of Park Facilities: Orion had to keep City operated recreational facilities impacted by the project operational (skate park, softball fields, Boys and Girls Club, playgrounds, and picnic areas). Portable temporary bridges and fences were reconfigured daily to provide continuous access to the facilities.
- NAVFAC Southwest – P1044 D/B Offsite Conveyance Pipelines at Camp Pendleton
  - Turnkey Design and Construction Services for the Offsite Conveyance Package
  - Approximately 90,000lf of HDPE pipe installed in North Base
- NAVFAC Southwest – P1045 D/B Potable Water Conveyance at Camp Pendleton
  - Design and Construction Services for the potable water supply at Camp Pendleton
  - Approximately 125,000lf of HDPE pipe installed from Area 51 to Area 20 at Camp Pendleton
- NAVFAC Southwest – P1043 NRTTP Force main and Conveyance Pipelines Camp Pendleton
  - Installation of 36,000 LF of 12" to 18" HDPE Sewage Conveyance and reclaimed water pipeline
  - 1,800 LF of Horizontal Directional Drilled 18" pipe across San Mateo Creek.
- NAVFAC Southwest-N62473-10-D-5419/0003 Replace Roof and Install Liner at Reservoir 20813 Camp Pendleton
  - Removal and replacement of the existing roof over Reservoir 20813 with Aluminum
  - Installation of a new Poly-urethane liner
  - Outstanding CCASS Rating and Star Safety Award
- L.A. County Sanitation – Vesta Street Pumping Plant Upgrade
  - New below grade structural concrete at 30' depth, 7000 gallon surge tank, and 600kW emergency generator
  - Installation of 4-75 HP dry pit submersible pumps in new CMU buildings
- Irvine Ranch Water District – Design-Build Harvard Avenue Sewer & Pump Station
  - Design-Build and installation of 1,200 lineal feet of 42" polycrrete sewer pipe utilizing micro tunnel trenchless method
  - Construction of a 46 foot deep buried reinforced concrete pump station and diversion structure, requiring extensive dewatering and shoring.

**LOS ANGELES COUNTY SANITATION DISTRICTS**  
RESIDENT ENGINEER

2006-2007

- Construction management for LACSD projects within the Central and East Los Angeles Area

**ORION CONSTRUCTION CORPORATION**  
PROJECT ENGINEER

2004– 2005

- Submittal and RFI preparation on water waste water infrastructure
- Subcontractor solicitation and management

### *ACADEMIC QUALIFICATIONS*

**University of California Los Angeles, Los Angeles, CA. M.S. in Civil & Environmental Engineering,  
University of California Los Angeles, Los Angeles, CA. B.S. in Civil & Environmental Engineering  
Registered Professional Engineer, State of California C76514**

### *CERTIFICATIONS*

- NAVFAC Contractor Quality Management (CQM) (CQC)
- Qualified Storm water Developer Certified
- OSHA Hazwoper 40 Hr. Safety Training
- NAVFAC EM385-1-1 40 Hour Safety Training
- NAVFAC EM385-1-1 10 Hour Safety Training
- Adult/Pediatric CPR & First Aid
- LEED Accredited Professional
- OSHA 30 Construction Course

# Scott Vargas

2185 La Mirada Drive, Vista, CA 92081  
(760) 596-9660

## PROFESSIONAL EXPERIENCE

### KEY RELATED EXPERIENCE

SUPERINTENDENT/SSHO – Directly for the City of San Diego Engineering and Capital Projects, Parks and Recreation, Scott has successfully completed numerous projects involving large scale civil site work and both landscape and hardscape improvements large and small. These include bringing recycled water to and retrofitting 12 city parks to state water standards, complete upgrade of pathway lighting with new light pole standards and conduit throughout Mission Bay Park, upgrading asphalt parking lots at Morely Field and Mission Bay.

- ▶ National Projects Inc. - Santee, CA. Trolley extension- LRT (Light Rail Transit) work
- ▶ Metropolitan Transit - El Cajon Grade Separation- LRT work
- ▶ North County Transit District - Del Mar Drainage Upgrade- Coaster- LRT work
- ▶ Metropolitan Transit - San Diego State University- Advanced Utility relocation- LRT work

### ORION COSTRUCTION

1997-PRESENT

#### SUPERINTENDENT/SSHO

- ▶ Responsible for the construction of a wide array of Public Infrastructure projects in San Diego County. Having over 25 years of extensive work experience and 18 of those years at Orion Construction. Effectively manages the installation of road construction, wet and dry utilities, mass grading, landscape, and hardscape with in-house craft workers as well as subcontractors. Works closely with company Project Managers, Project Engineers, Project Quality Control Managers, Design Engineers, and Owners. Backed by a strong record of safe, on time, and on budget projects. Responsible for all aspects of jobsite safety, and possesses specific California Mandated Safety training for all activities under his control. Scott's experience in general civil site works and improvements is grounded in numerous local projects for Public Agencies, specifically the City of San Diego. A sample of the successful projects that Scott has overseen are below:

- ▶ Projects Included

- Grossmont School District - Wet and Dry Utility Upgrade of District Wide High School Campuses
  - The work consisted of installing new utilities throughout the campus footprints of 6 High Schools over a 4 year period with construction only permitted in the school summer recess. All work included demolition of hardscape and landscape and complete replacement, ready for District occupancy. Detailed phasing plans were developed with school district staff to ensure trouble free pedestrian and vehicular access to all areas under construction during the summer school sessions.
- University of California of San Diego - North Campus Utility Line Extension
  - The work consisted of the replacement and installation of landscape and hardscape, including the new athletic track. Installation 4,000 LF of underground hot water pipe and 3,800 LF of 10" chilled water system in a 15" casing extending across the campus and through the athletic track to tie-in newly constructed building facilities to the central plant boiler
- San Diego State University - Early Operational Improvements – Light Rapid Rail Extension
  - The project involved rerouting and maintaining service to campus buildings for all wet, dry, and mechanical underground utilities while light rail service was brought into the campus. Scott began the work in 2001 as the superintendent on what was originally a 10 month \$3,000,000 contract. Based on Scott's and Orion's performance, the Metropolitan Transit Board retained Orion for a further 6 years and \$6,000,000 in contract additions to complete numerous landscape and hardscape improvements. Scott's ability to work closely with all of the University stakeholders and phasing work around tight schedules was instrumental in Orion receiving these additional tasks. The project was awarded the 2008 OCEA National Award of Merit by ASCE.
- San Vicente Reservoir Improvements
- City of San Diego South Bay Reclaimed Water Bolted Tank

- Ramona Water District Bolted Tank
- City of San Diego Black Mountain Reclaimed Water Steel Tank
- Olivenhain Water District Thelma Miller Water Tank
- NAVFAC Southwest – Pump Station 325
- NAVFAC Southwest - Sewer Treatment System SERE Camp
- NAVFAC Southwest – D/B Gas line Replacement Pt. Mugu NAS
- NAVFAC Southwest – Waterline Replacements – Naval Air Station North Island
- NAVFAC Southwest – Waterline Upgrades – SPAWAR Complex

## *CERTIFICATIONS*

- EM-385 USACE Safety Training, American General Contractors Association (ACG)/NAVFAC
- First Aid CPR
- OSHA 30 HR Construction Course
- OSHA 10 HR Construction Course
- CAL/OSHA 40 HR Hazardous Waste & Emergency Response
- CAL/OSHA Excavation & Trench
- CAL/OSHA Fall Protection
- CAL/OSHA Confined Space
- OSHA Competent Person

# Heidi Andrews

2185 La Mirada Drive, Vista, CA 92081  
(760) 596-9660

## PROFESSIONAL EXPERIENCE

### ◆ KEY RELATED EXPERIENCE

#### SENIOR PROJECT QUALITY CONTROL MANAGER/PERMITTING MANAGER

Heidi has served as QC Manager/Project Manager on several NAVFAC Southwest Design Build Projects and City of San Diego projects. Key roles include performing quality control during the design phase by reviewing specifications and plans; coordinated submittals and procurement of major mechanical equipment, valves and pipe for mechanical projects; coordinated subcontractors and their critical submittals; onsite QC; coordinated Pump Station startups to include writing the startup plan and implementing the plan.

### ◆ ORION COSTRUCTION

2001- PRESENT

#### SENIOR PROJECT QUALITY CONTROL MANAGER/PERMITTING MANAGER

Heidi possesses over 25 years of experience in civil engineering construction projects. Heidi started her career with Peter Kiewit and Sons Canada division, and transferred to Kiewit Pacific after 4 years where she remained for an additional 4 years in Southern California while being assigned to increasingly more responsible engineering and managerial positions. Heidi possesses a wide range of civil engineering experience in both Federal and local government projects from Metro-Rail Stations, landscape/hardscape improvements, pump stations, to the City of San Diego South Bay Water Reclamation Plant. Heidi joined Orion in 2001 as a senior Project Engineer/ Project Manager and was responsible for constructing a wide range of projects for local public agencies. The primary focus of these projects were water/wastewater infrastructure, and below/above ground facilities. Heidi has demonstrated clear foresight and planning with regards to phasing, bypassing, and keeping utilities online during construction to keep operational efficiency for the City staff.

The majority of Heidi's projects have been with the City of San Diego and have involved the application of detailed knowledge of City Design Guidelines, DSD permitting procedures, and construction. Heidi's thorough knowledge of the White Book and City Design Guidelines as they apply to the phases of design, DSD involvement, and construction is unmatched.

### Projects Include:

- **NAVFAC Southwest – P-1044 Advance Water Treatment Plant, Camp Pendleton, Mechanical PM**  
May 2014 – July 2015
  - Submittal and procurement of the mechanical equipment, piping and valves for the plant.
  - QC layout and installation of mechanical piping installed to date.
  
- **City of San Diego – Scripps Ranch Pump Station, Design/Build, Mechanical PM** May 2012 - Nov 2014
  - New fresh water Pump Station to include the installation of 6 vertical turbine pumps with a design capacity of 17.2 MGD, 30" to 36" steel yard piping, valves and a hydromatic surge tank.
  - New block building with structural steel roof framing, glass block windows, ceiling acoustical panels and concrete tile roof.
  - New SGD & E electrical service, MCC, ATS and Controls
  - Site work to include block wall fence, steel fence, landscaping, bio-retention basin and paving.
  
- **NAVFAC Southwest – Pump Station 325, Design/Build, QC Manager** Feb 2012 - Dec 2012
  - Replace existing pumps, motors and electrical controls within pump station 325
  - Replace and reconfigure suction and discharge piping.

- Replacement of building components (doors, windows, siding, roofing, asphalt shingles ventilation louvers, screens.)
  - Removal and documentation of lead paint.
  - Site improvement to include new road and fencing.
- **NAVFAC Southwest – Replacement Steam & Condensate Piping, MCRD, Design/Build, QC Manager** Jun 2010 – Mar 2012
- Installation of temporary boilers.
  - Remove and Install new Steam and Condensate Pipe.
- **City of San Diego – Pump Station 79, Project Manager** Apr 2009 – Apr 2010
- Upgrade the Pump Station capacity from 1.4 MGD to 2.5 MGD.
  - Installation of temporary sewer bypass.
  - Demolition of existing pumps and pipe.
  - Installation of new pumps, pipe, and underground discharge piping.
  - Installation of a bladder surge tank.
  - Installation of new MCC and Controls.
  - System Startup
- **Ramona Municipal Water District – .88 MG Boulder Tank & Pipeline, PM** Dec 2006 – Nov 2007
- Installation of a .88 MG Bolt Steel Tank, inlet and outlet piping.
  - System Startup.
  -
- **San Vicente Reservoir Improvements** Jan 2006 – Feb 2006
- The project consisted of a full renovation and new construction within the San Vicente Reservoir Recreation Site.
  - Installation of 40' hexagonal shade structure and two 12' shade structures, concrete precast restroom, stabilized decomposed granite sidewalks, drainage swales, general landscape, decorative landscape, hardscape, and permanent erosion control measures. The construction also consisted of a full asphaltic concrete parking lot and associated striping. The construction took place during the summer months, and managed to maintain full access to the boat ramps and recreation site.
- **City of San Diego – Black Mountain Ranch RW Storage Tank, PM** Nov 2004 – Aug 2005
- Installation of a welded Reclaimed Water Steel Tank, 3 MG.
  - Coating of the Steel Tank.
  - Installation of inlet and outlet steel pipe, 18" to 30" diameter and appurtenances.
  - Installation of a block building housing the Sodium Hypochlorite Generation System.
  - Installation of a Sodium Hypochlorite Generation System.
  - System Startup.
  - Site work including fencing, landscaping and paving.
- **Grossmont Union High School District** Jun 2005 – Aug 2005
- Replacement site work and replacement utilities at Five High Schools
- Replacement of underground utilities at high school campuses, including sewer, water, storm drain, and natural gas piping, sizes from 6" to 24", 120,000 LF
  - Surface restoration, including asphalt paving, concrete hardscape, landscaping, retaining walls, metal guard rails, and ADA ramps.
  - All work was accomplished on a fast track basis during summer recess, utilizing multiple crews with extensive overtime.
- **City of San Diego/Stowe-Passco – Princess Park Pump Station** Feb 2002 – March 2003
- Potable water variable frequency speed drives vertical turbine pump station. Masonry building, wood framed roof, standby generator, surge tank and site piping.
- **Olivenhain Water District/4S Kellwood – Thelma Miller Reservoir** Feb 2002 – May 2002
- Above ground welded steel water tank with aluminum dome roof, appurtenant piping, equipment building,

sodium hypochlorite generation, reservoir management system and system startup.

◆ KIEWIT PACIFIC

1993 – JAN 2002

### *ACADEMIC QUALIFICATIONS*

**McGill University – Montreal, Canada, B. S. in Civil Engineering, 1991**

**Professional Engineer, Ontario, Canada**

### *CERTIFICATIONS*

- NAVFAC Contractor Quality Management (CQM),
- NAVFAC EM385-1-1 40 Hour Safety Training
- OSHA 30 Construction Course
- Competent Person Training: Excavation, Confined Space, Fall Protection
- Adult/Pediatric CPR & First Aid



# Gail Masutani, PhD, PE

## DESIGN MANAGER

Gail Masutani has 27 years of civil engineering experience involving distribution pipelines, pressure reducing stations, pump station design, transmission mains, and water distribution planning. Her extensive design experience also includes sewer mains, trunk sewers, lift stations, and planning studies. Gail is Harris' design manager that has implemented over 40 miles of water, sewer, and stormwater facilities in San Diego. Gail is part of the leadership committee on the San Diego ASCE Pipeline & Environmental Group



## RELEVANT EXPERIENCE

- **City of San Diego/Orion Construction, Catalina Sewer and Water Mains.** Project Manager. Upsizing 16,000 LF of 12-inch cast-iron and asbestos cement water main with welded steel and polyvinyl chloride between Point Loma Reservoir and Catalina Standpipe with 24-inch welded steel. Realigned 5,000 LF of ten- and 12-inch sewer from backyards to the street. In addition, approximately 14,500 LF of eight- 12-inch sewers were replaced. Prepared design calculation for steel pipe thickness and loading calculations, finalized alignments, and reviewed design drawings.
- **City of San Diego/Orion Construction, AC Water Group 1010 and AC Water Group 1005.** Project Manager. Managing the replacement of four-, six, and eight-inch asphalt concrete (AC) water mains with eight-inch polyvinyl chloride (PVC). The work also includes paving and ADA ramp upgrades/replacement.
- **City of San Diego/Orion Construction, Sewer Group Job 743.** Project Manager. Sewer rehabilitation at 15 sites. Four sites involve re-plumbing backyard laterals into new sewers in street right-of-ways and remaining 11 sites involve sewer relining.
- **City of San Diego/Orion Construction, Meadow Lark/Health Center Drive Water Main.** Project Engineer. \$4.6 million replacement and partial realignment of approximately 9,300 LF of existing 18-inch and 24-inch cast iron pipe with new 12-inch and 16-inch polyvinyl chloride water main. Project will abandon approximately 3,400 LF of pipeline. Project consisted of 325 LF of jack-and-bore of water main under SR-163.
- **City of San Diego, East Clusters Waterline.** Project Manager. Project included the design of approximately 8,500 linear feet of 20-inch water pipeline. Prepared the design calculation for steel pipe thickness, loading calculations, specifications, and reviewed the design drawings. The design included both steel and PVC pipe materials.
- **City of San Diego, StoneBridge Parkway 1135 Pump Station and 1250 Pump Station.** Senior Project Engineer. Responsible for the design of the 1.7 MG storage reservoir, two potable water pumping stations, and five pressure reducing stations, which are required to provide water service for the development. The StoneBridge Estates Development was located within the northeastern limits of the City of San Diego. Oversaw the completion of the construction drawings and prepared technical specifications and the cost estimate. The 1135 Pump Station had two 40 hp, 756 gpm and two 200 hp 3,000 gpm vertical turbine pumps. The 1250 Pump Station has two 35 hp, 455 gpm and two 100 hp, 2000 gpm vertical turbine pumps. Both above-grade pump stations included flow meters, full

## EDUCATION

Ph.D., Civil Engineering  
MS, Civil Engineering  
BS, Civil Engineering

## REGISTRATIONS

Professional Engineer, CA

telemetry system and control room, enclosed emergency generator, adjustable speed magnetic drives, and passive cathodic protection system.

- **San Diego Unified Port District, *Stormwater Systems Design***, Tenth Avenue Marine Terminal Redevelopment Plan and Demolition and Initial Rail Component. Project Engineer. Responsible for stormwater systems design for this project that will demolish the south addition and the three east sections of Warehouse C adjacent to a fuel farm, and provide rail and site improvements at Tenth Avenue Marine Terminal.
- **City of National City, *Sewer Upsizing and Rehabilitation***. Project Engineer. Preparing a pump station O&M manual and completing a coordinated design for two urgent sewer projects as one bid package.
- **City of Del Mar, *Citywide Sewer Condition Assessment and Design***. Project Engineer. Provided CCTV inspection, assessments, and design of the City's entire 105-mile sewer system including all manholes.
- **City of Carlsbad, *Corrugated Metal Pipe Replacement***. Project Engineer. Responsible for the design of this storm drain replacement project. The CMP portion of the existing system was abandoned in place and a new RCP system was constructed.
- **City of Oceanside, *24-inch Mesa Drive Waterline and Two Pressure Reducing Stations***. Senior Project Engineer. Responsible for the design team leading the effort to design approximately 12,000 linear feet of 24-inch ductile iron pipe water transmission main and two pressure reducing stations. Project challenges included static pressures exceeding 300 psi, finalizing the horizontal alignment through utility-filled corridors, and a narrow right-of-way to site the pressure reducing stations. Oversaw the completion of the construction drawings, and prepared the construction cost estimate, and specifications.
- **City of El Cajon, *Johnson Avenue Trunk Sewer***. Project Manager. Designed 9,000 LF of 30- to 42-inch trunk sewer. Challenges included deep sewer, narrow corridor in streets, crossing under I-8, high groundwater, and contaminated soils. Prepared preliminary design report, design calculations, and oversaw production of contract drawings, specifications, and construction cost estimate.
- **County of San Diego, *Staff Augmentation***. Project Manager. Acted as an extension of County staff for the Public Works, Wastewater Division on a part-time basis for four months. Assisted the County with the following projects:
  - Reviewed of the Julian WWTP Plant Improvement construction drawings and prepared the technical specifications
  - Updated spreadsheet catalog of equipment of the County's wastewater and water treatment facilities
  - Reviewed and recommended revisions to the Campo Hills Water Treatment System
  - Assisted County with revising piping at the Campo Hills Water Treatment Plant to improve pump hydraulics
  - Revised the WAS/RAS pump area piping at the Julian WWTP
- **Otay Water District, *As-Needed Engineering***. Project Manager. Design included reservoir and pump station upgrades, pressure reducing station designs, and water and recycled water pipelines, in support of the District's Capital Improvement Program (CIP).
  - Rancho Del Rey Wellhead Treatment/Brine Disposal Analysis
  - Design of Patzig Reservoir Floating Cover Replacement
  - SR 11 Utility Relocations
  - Pipeline Encasement Structural Loading Analysis
  - Construction Equipment Structural Load Calculations for 680-1
  - Reservoir and 944-1 Pump Station

# Alex Yescas, PE, CFM, ENV SP

## CIVIL ENGINEER

Alex Yescas has over 17 years of experience in the design of complex water, sewer, and stormwater facilities. He leads Harris' design-build engineering team that has implemented over 20 miles of water, sewer, and stormwater facilities in San Diego. He is a certified floodplain manager, a registered professional engineer, an Envision sustainability professional, and the southern director of the Floodplain Management Association. He led and provided direction to the California Department of Water Resources' multi-objective floodplain risk and analysis tasks throughout California. Alex is currently leading the design efforts to support Southern California agencies on implementing stormwater facilities that adhere to the California Regional Water Quality Control Board MS4 stormwater permits.

### RELEVANT EXPERIENCE

- **City of San Diego/Orion Construction, Catalina Cast Iron Water Mains & Catalina Sewer Mains.** Project Director. The \$18M project encompassed the upsizing of cast-iron and asbestos cement water main between Point Loma Reservoir and Catalina Standpipe in the Point Loma area. Overflow from Catalina Standpipe will be directed to a new 18-inch reinforced concrete pipe main that will connect to the existing storm drain system.
- **City of San Diego/Orion Construction, Meadow Lark/Health Center Drive Water Main.** Project Manager. \$4.6 million replacement and partial realignment of approximately 9,300 LF of existing 18-inch and 24-inch cast iron pipe with new 12-inch and 16-inch polyvinyl chloride water main. Project will abandon approximately 3,400 LF of pipeline. Project consisted of 325 LF of jack-and-bore of water main under SR-163.
- **City of San Diego/Orion Construction, AC Water Group 1010 and AC Water Group 1005.** Project Director. The group job replaced of four-, six-, and eight-inch asphalt concrete water mains with eight-inch polyvinyl chloride. Work included paving and ADA ramp upgrades/replacement.
- **City of San Diego/Orion Construction, Sewer Group Job 743.** Project Director. Sewer rehabilitation at 15 sites. Four sites involve replumbing backyard laterals into new sewers in street right-of-way and the remaining 11 sites involve sewer relining.
- **City of San Diego/Orion Construction, Citywide Stormwater Permanent BMP Retrofit Project.** Project Manager. Managed the preparation of water quality technical reports at nine sites to support retrofit/redesign to bring the sites into compliance with Region Nine Water Quality Control Board regulations, including applicable requirements of the Draft San Diego BMP Design Manual.
- **City of San Diego. Bounty Street Storm Drain Emergency Replacement.** Project Engineer. Provided engineering services to replace 300 feet of the existing 27-inch corrugate metal pipe (CMP) storm drain system with a 30-inch high-density polyethylene (HDPE) pipe system, provide outlet energy dissipation, rebuild the slope, and vegetate with native species. Major aspects of this project included a geotechnical evaluation of existing soils; drainage study to evaluate flows to the existing drainage system, and determine outlet velocities for designing a concrete energy dissipation control structure; plans and specifications for storm drain system construction.



### EDUCATION

BS, Civil Engineering

### REGISTRATIONS

Professional Engineer, CA

### CERTIFICATIONS

Association of State Floodplain Managers (ASFPM), Certified Floodplain Manager  
Institute for Sustainable Infrastructure (ISI), Envision Sustainability Professional (ENV SP)

- **City of San Diego, *Desert View Drive Emergency Slope Repair*.** Project Manager. The slope repair was designed to improve the eroded slot canyon beyond the original condition, stabilize the landslide potential as much as possible and place a new storm drain with the necessary supports. The storm drain was realigned within new easements and extended downhill to a safe point of discharge. Select plantings, soils, terracing with natural materials, and benching were used to reduce erosion potential without the need for concrete brow ditches down the over 130 foot high slope.
- **City of National City, *Sewer Upsizing and Rehabilitation*.** Project Manager. The first group of improvements included the sewer line upsizing along National City Boulevard and Plaza Boulevard. Along National City Boulevard, the design entailed the upsizing of 670 feet of 8-inch VCP sewer to 12-inch PVC pipe. The work also included replacing an existing 24-inch RCP storm drain along 24th street that was disjointed in several locations. Minimizing construction impacts to car dealerships, businesses, and traffic was critical to a successful project delivery. As such, night work was conducted and the sewer line construction took place between 9PM – 5AM. The existing 18-inch VCP sewer line on Plaza Boulevard will be replaced with a 21-inch PVC sewer line for approximately 2,269 feet. Impacts to traffic from Euclid to Harbison Avenue, as well as impacts to residential parking on Plaza Boulevard, must be avoided. In addition to evaluating the City's existing sewer system, Harris assessed and prepared operation and maintenance manuals for the City's two sewer pump stations located near Bayfront.
- **City of Del Mar, *Citywide Sewer Condition Assessment and Design*.** Project Manager. Provided CCTV inspection, assessments, and design of the City's entire 30-mile sewer system including all manholes. Condition assessment outlined millions of dollars in sewer repairs over the next years. The programmatic improvements identified the following categories: upsizes, point repairs, relining, replacements, realignments, manhole upgrades and replacements, and maintenance.
- **City of Del Mar, *Group 1 Sewer Design*.** Project Manager. Overseeing design services for the Group 1 Sewer projects, as identified in prioritized Citywide CCTV program.
- **City of Carlsbad, *Corrugate Metal Pipe Replacement Program*.** Project Engineer. Harris partnered with the City on their CMP Replacement Program. This critical endeavor intended to repair and replace existing corrugated metal pipe storm drain systems at various locations throughout the City over a two-year period.
- **City of Coronado, *Glorietta Bay Pump Station Improvements*.** Project Director. The Glorietta Bay Pump Station, an underground facility located in the heart of Glorietta Bay Park, experienced early failure of the wet-well lining system, pump rails, vault lids, and air scrubber system. Additionally, the facility lacked features to facilitate a flow bypass. Challenges included limited access and sewage input from two force mains and one gravity main. Harris' deliverables included development of a bypass methodology and development of recommendations for improvements to address the known wet-well issues. Harris gathered data and preliminarily identified that the accelerated corrosion may be the result of insufficient lining installation and wet-well circulation and high sewage strength from the Navy base. Based on electrical systems failures, the project took on urgency and the Harris team accelerated our evaluation to fixing the immediate problems with a more deliberate approach to fundamental design improvements, such as pump and sailing repairs, and recommendations to repair the pump station structure with needed concrete and lining improvements.
- **West Orange County Water Board, *Feeder No.2 33-inch Waterline Relocation*.** Project Manager. Design of the relocation of 33-inch water transmission line (Metropolitan Water District Feeder No.2) due to the widening of I-405. In addition, installing 813 LF of 12-inch ductile iron pipe (DIP) within the existing to-be-abandoned 27"/33" transmission main. The relocation requires that the existing 33-inch transmission main pipe to be abandoned. The relocation will include installing a new 2,000 LF of 30-inch cement mortar lined and coated steel pipe, with 325 LF jack and bored under highway I-405. The 27-inch water main will be abandoned and replaced with a 12-inch DIP that will be slip-lined within the existing 27-inch water main.

# Jason Caprio, PE

## CIVIL ENGINEER

Jason Caprio has over 12 years of experience performing engineering design, construction, and project management and administration of water, sewer, and storm drain infrastructure projects. His primary experience lies with design and construction of capital infrastructure projects for small and large cities, water districts, sanitation districts, and private water purveyors. Jason's responsibilities and past projects involve water transmission pipelines, water distribution pipelines, water storage facilities, water treatment plants, sewer mains, wastewater treatments plants, storm drains, roadway and streetscape improvements, and ADA compliance.



### RELEVANT EXPERIENCE

- **City of San Diego/Ortiz Corporation. MACC Task Order No. 3, AC Water and Sewer Group Job 1001.** Project Manager and Project Engineer. Responsible for the managing and executing the engineering design of the project, including coordination with the client, financial and cost control, and delegation of work with staff and subconsultants. The project included the design of several miles of replace-in-place water and sewer pipelines, technical specifications, and an engineer's opinion of probable construction cost.
- **City of San Diego, Below-Grade Investigation and Sewer Lateral Replumb Design.** Project Manager and Project Engineer. Responsible for the planning and design phases of the City Sewer and Water Group Job 701 in the Midtown and Mission Hills neighborhoods. The project included planning, community outreach, below-grade investigations, and design of new water mains, sewer pipelines, and gravity and pump system sewer laterals within public and private rights-of-way.
- **City of San Diego, Evans Pond Reclaimed Water Retrofit Project.** Project Manager and Project Engineer. Responsible for the engineering design for the project, which reconfigured the means of supplying a City of San Diego water feature with reclaimed water in lieu of potable water. The project included hydraulic calculations, storm event calculations and reporting, design of new 2.5-inch PVC recycled water pipeline, abandonment of storm drain infrastructure, and related appurtenances.
- **City of San Diego, Otay 2nd Pipeline Phase I Project.** Project Manager and Project Engineer. Responsible for managing and executing the engineering design of the project, including coordination with the client, financial and cost control, and delegation of work with staff and subconsultants. The project included 48-inch cement mortar lined and coated steel pipeline and appurtenances design, hydraulic calculations, technical specifications, and an engineer's opinion of probable construction cost.
- **City of San Diego, Cielo Woodman Pump Station Project.** Project Manager and Project Engineer. Responsible for managing and administering the engineering design of the project, including coordination with the client, financial and cost control, and delegation of work with staff and subconsultants. The project included development of the preliminary engineering report/basis of design and design drawings (30%-60% deliverable stage) of an 11,000 gallons/minute pump station utilizing five (5) vertical turbine pumps, system and pump curve development and calculations, technical specifications, and an engineer's opinion of probable construction cost.

### EDUCATION

BS, Civil Engineering

### REGISTRATIONS

Professional Engineer, CA

- **City of San Diego, Metropolitan Biosolids Center (MBC) Additional Biosolids Storage Silos 9 and 10 Project.** Project Manager and Engineering Support during Construction. Responsible for the bidding and construction phase services for the project, including coordination with client, construction management team, design team, electrical subconsultant, and structural subconsultant. The project included design and construction of two (2) additional biosolids storage silos, structural anchoring systems, and significant upgrades to the instrumentation and controls system.
- **City of San Diego, Qualcomm Stadium Environmental Impact Review Project.** Water Engineer. Responsible for the planning and preliminary design and impacts of the water supply and wastewater/sewer systems and necessary improvements for the Qualcomm Stadium Environmental Impact Report (EIR). The project included planning efforts, hydraulic calculations, and reporting of water and sewer related infrastructure considering several stadium alternatives for consideration.
- **City of National City, Paradise Creek Sewer Main.** Project Manager. Managing design of an 8-inch sewer line along Paradise Creek, from West 19th Street to West 22nd Street. The first section of the sewer line is approximately 365 linear feet and will be rehabilitated by slip-lining. The second section is approximately 980 feet in length and will be a new sewer main from the existing manhole at Paradise Creek to 22nd Street.
- **City of Del Mar, Group 1 Sewer Design.** Project Manager. Providing design services for the Group 1 Sewer projects, as identified in prioritized Citywide CCTV program.
- **City of Tehachapi, Downtown Sewer Trunk Main Phase II Design.** Project Engineer. Responsible for the engineering design, bid, and construction support services for the Downtown Improvements Project. The project included design of new sewer mains, manholes, connections to existing system, and new storm drain improvements.
- **City of Tehachapi, Tucker Road Sewer Lift Station.** Project Engineer. Responsible for the engineering design, bid, and construction support services for the project, which was an associated project related to development of the Love's Travel Store and adjacent properties. The project included design of gravity sewer mains, force mains, wet well caisson, submersible pumping system, and connection to existing sewer system.
- **East Niles Community Services District, Morning Drive Pipeline System Expansion.** Project Engineer. Responsible for the engineering design, bid, and construction support services for the project, which allowed for additional development and incorporated smaller water communities. The project included design of new 16-inch PVC water pipeline, pressure reducing valve stations, service connections, and related appurtenances.
- **Lakeside Union School District, Water Supply Project.** Project Engineer. Responsible for the engineering design for the project, which allowed the campus to convert groundwater supply wells to exclusively irrigation and to provide potable water demand via a 14-inch PVC water pipeline (City of Bakersfield). The project included design of new 14-inch PVC water pipeline, jack and bore crossing of feeder canals, system configuration and conversions, service connections, and related appurtenances.

# Gary Solsona, PE, QSD

## CIVIL ENGINEER

Gary Solsona has over 15 years of civil engineering experience in managing the design, preparation, and oversight of public works projects, consisting of award-winning storm drain, roadway, sanitary sewer, sound wall, retaining wall, traffic control plans, and project study reports. Gary leads Harris' ADA Compliance group and has been providing design oversight for ADA compliance on the City of San Diego MACC Task Orders. Gary is adept to the latest design standards for various cities, counties, and Caltrans and is proficient with computer aided engineering and construction management application software such as AutoCAD, Civil 3D, Microstation, Microsoft Project, and Primavera.

### RELEVANT EXPERIENCE

- **City of San Diego/Orion Construction, Catalina Cast Iron Water Mains & Catalina Sewer Mains.** ADA Compliance Lead. The \$18M project encompassed the upsizing of cast-iron and asbestos cement water main between Point Loma Reservoir and Catalina Standpipe in the Point Loma area. Overflow from Catalina Standpipe will be directed to a new 18-inch reinforced concrete pipe main that will connect to the existing storm drain system.
- **City of San Diego/Orion Construction, Meadow Lark/Health Center Drive Water Main.** ADA Compliance Lead. \$4.6 million replacement and partial realignment of approximately 9,300 LF of existing 18-inch and 24-inch cast iron pipe with new 12-inch and 16-inch polyvinyl chloride water main. Project will abandon approximately 3,400 LF of pipeline. Project consisted of 325 LF of jack-and-bore of water main under SR-163.
- **City of San Diego/Orion Construction, AC Water Group 1010 and AC Water Group 1005.** ADA Compliance Lead. The effort replaced four-, six-, and eight-inch asphalt concrete water mains with eight-inch polyvinyl chloride. Work included paving and ADA ramp upgrades/replacement.
- **City of Cypress, Sewer Improvements Project 182.** Project Manager. Providing professional sewer design engineering services for the rehabilitation of 12 sewer mains for pipe conditions determined to be deficient per the City's Sewer Master Plan. Harris will develop a conceptual design for early City input and approval before proceeding in finalizing exhibits/maps for construction.
- **City of Gonzales, Citywide Sewer Condition Assessment.** Project Engineer. Harris is providing project management and professional engineering services for a citywide sewer cleaning and CCTV inspection/assessment. This involves a condition assessment of 270 gravity sewer manholes and five sewer lift stations, and inspection of approximately 10,000 LF of force main sewer pipelines. Our services include coordination with City staff; review of our subconsultant's condition assessment report, DVDs, and recommendations; preparation of the engineer's preliminary opinion of probable construction costs for the related repairs, a prioritization list, and a color-coded citywide conditions exhibit illustrating the condition of the City's sewer system.
- **City of Rancho Palos Verdes, McCarrell Canyon Storm Drain System Design.** Project Engineer. Design of 66-inch diameter pipe to convey a 100-year storm event and collect run-off from steep, natural 340-acre McCarrell Canyon watershed. Services included preparing detailed



### EDUCATION

BS, Civil Engineering

### REGISTRATIONS

Professional Engineer, CA

### CERTIFICATIONS

California State Water Resources Control Board, Qualified SWPPP Developer (QSD)

hydrology and hydraulics study report; geotechnical study, topographic and utility detection surveys; obtaining full environmental clearances; facilitating public outreach meetings and City council presentations.

- **City of Fullerton, Commonwealth Street and Sewer Improvements.** Project Manager. \$1.56 million fast-track preparation of PS&E construction documents to address deficiencies and non-cleaning velocities in multiple 12-inch vitrified clay pipe sewer mains along two separate reaches of Commonwealth Avenue. Provided designs plans to affected utility agencies to address potential utility conflicts to upsizing sewer main. Coordinated with City to avoid conflicts with plans to upsize a reinforced concrete box storm drain at intersection of Basque and Commonwealth. Provided City with design information and proposed sewer's inverted elevation that would cross storm drain vertically, enabling City to redesign their storm drain, thus avoiding conflicts.
- **City of Fullerton, Arroyo Drive Sewer and Street Improvement Project.** Project Engineer. Prepared PS&E construction documents to address deficiencies in existing 6, 10, and 12 VCP sewer mains along Arroyo Drive and extending into the Arroyo Creek Easement, and the construction of new pavement sections along improved roadways disturbed by the sewer construction.
- **Garden Grove Sanitation District, Sewer Improvements - Projects 20, 21, 22 & 23.** Project Engineer. Project included 2,150 linear feet of main line sewer upsizing to 15-inch VCP and 900 linear feet of main line sewer upsizing to 12-inch VCP. Harris proposed an innovative alignment through an apartment alley to reduce the total pipe length required and increase the pipe slope, which also required a permanent sewer easement. An utility detection survey was utilized to avoid utility conflicts in advance and the new sewer was strategically placed to increase the separation from a parallel 33-inch high-pressure gas line to maximize both short-term and long-term safety. Additionally two large storm drain crossings created the need for special sewer crossing details and permission from the Orange County Flood Control District.
- **City of Stanton, FY 09/10 Sewer Rehabilitation Project.** Project Engineer. Project consisted of the development of a detailed confirmation of the proposed sewer rehabilitation strategy and the preparation of PS&E construction documents for eighteen (18) separate project locations citywide.
- **City of Anaheim, Citywide Sanitary Sewer Improvement Project (CSSIP)-Group 5 - Project # 7 (Model 134) - Cerritos Ave.** Project Engineer. Project upsized 2,550 linear feet of 8-inch sewer to a 15-inch VCP sewer along Cerritos Avenue from Brookhurst Street to Gilbert Street. The scope included preparation of PS&E construction documents using the sewer master plan recommendations as a starting point to address deficiencies and add needed additional capacity to the system for the future built-out condition. Scope also included preparation of a project design report, which discussed several alternative alignments and construction methods, including diversions to other parallel systems and trenchless tunneling operations. Ultimately, a traditional removal and replacement upsizing solution was chosen as the approved alternative to minimize impacts and eliminate the need to maintain multiple parallel sewer lines.
- **City of Anaheim, Citywide Sanitary Sewer Improvement Project (CSSIP)-Group 4 - Project # 2 (Model 134) - Cerritos Ave.** Project Engineer. Project included 1,700 linear feet of main line sewer upsizing to 15-inch VCP and 1,200 linear feet of main line sewer upsizing to 12-inch VCP along Cerritos Avenue from Nutwood Avenue to Brookhurst Street. Scope included preparation of PS&E construction documents using the sewer master plan recommendations as a starting point to address deficiencies and add needed additional capacity to the system for the future built-out condition. Scope also included a significant flow diversion from an outside sewer model area to eliminate a known deficiency in that area, utilizing the excess capacity of the proposed mainline, which 'added value' with no increase to the bottom line fee to the City.
- **City of Bakersfield, Gosford Road Sewer Rehabilitation - Preliminary Study Phase and Final Design.** Project Engineer. Project involved both preliminary study and PS&E design for this sewer CIPP lining rehabilitation project. In the study phase, Harris provided video inspection, two flow meter measurements and prepared a detailed project report for the rehabilitation of 2.2 miles of 42-inch concrete sanitary sewer. Harris ultimately recommended a cured-in-place liner rehabilitation along with manhole lining and new manhole construction. The design phase consisted of the preparation of plans, specifications, and



# Gary Yagade, PE

QA/QC MANAGER AND PROJECT DIRECTOR

Gary Yagade has provided more than 30 years of planning, design, and project management. He has managed numerous stormwater, flood control, and floodplain mapping projects throughout his career and demonstrated management and scheduling abilities and the consistent application of quality and cost control measures. His extensive experience and knowledge includes managing Forester Creek, one of the largest creek re-alignment projects in San Diego County. Gary is a proven project manager with a demonstrated ability to move projects to completion on schedule and budget, and has a proven track record of efficiently managing multiple task orders to simplify client oversight.



## RELEVANT EXPERIENCE

- **City of San Diego/Orion Construction, Catalina Water Mains and Sewer Mains Design-Build.** QA/QC Lead. Responsible for design oversight for the upsizing of cast-iron and asbestos cement water main between Point Loma Reservoir and Catalina Standpipe. The overflow from the recently completed Catalina Standpipe will be directed to a new 18-inch RCP main that will connect to the existing storm drain system.
- **City of San Diego/Orion Construction, Sewer Group Job 743.** QA/QC Lead. Providing oversight of sewer rehabilitation design involving 15 sites. Four sites involve replumbing backyard laterals into new sewers in street right-of-way and the remaining 11 sites involve sewer relining.
- **City of San Diego/Orion Construction, Citywide Stormwater Permanent BMP Retrofit.** Project Director. Oversaw the preparation of water quality technical reports (WQTRs) at nine sites to support retrofit/redesign to bring the sites into compliance with Region Nine Water Quality Control Board regulations, including and incorporating applicable requirements of the Draft San Diego BMP Design Manual.
- **City of San Diego/Orion Construction, Meadow Lark/Health Center Drive Water Main.** QA/QC Lead. \$4.6 million replacement and partial realignment of approximately 9,300 LF of existing 18-inch and 24-inch cast iron pipe with new 12-inch and 16-inch polyvinyl chloride water main. Project will abandon approximately 3,400 LF of pipeline. Project consisted of 325 LF of jack-and-bore of water main under SR-163.
- **City of San Diego, Chollas Creek Water Quality Protection and Habitat Enhancement Project.** Technical Advisor. Provided oversight for the hydraulic analysis and floodplain revision to improvements of Chollas Creek. The project involved replacing the existing concrete-lined portion of the creek and implementing an earthen trapezoidal channel with vegetated sides. The improvements to the creek revised the 100-year floodplain boundaries and allowed creation and restoration of approximately 1.5 acres of wetland and transitional upland habitats.
- **Orion Construction, Crown Point Emergency Storm Drain Repair.** Project Director. \$4.3 million emergency storm drain replacement following the 2008 failure of a 60-inch diameter reinforced concrete pipe in the San Diego Chargers' training facility. Scope of work included hydraulic analysis and alternatives analysis as well as design and construction using a collaborative emergency project delivery method incorporating many elements of design-build. The project included the installation of 1150 feet of 4x7 reinforced concrete box culvert, the slip lining of over 600-feet of

## EDUCATION

BS, Civil Engineering

## REGISTRATIONS

Professional Engineer, CA

existing pipeline, and the installation of over 800 linear feet of pipelines up to 42-inches in diameter.

- **City of San Diego, *Desert View Drive Emergency Slope Repair*.** Project Director. The slope repair was designed to improve the eroded slot canyon beyond the original condition, stabilize the landslide potential as much as possible and place a new storm drain with the necessary supports. The storm drain was realigned within new easements and extended downhill to a safe point of discharge. Select plantings, soils, terracing with natural materials, and benching were used to reduce erosion potential without the need for concrete brow ditches down the over 130 foot high slope
- **City of National City, *Sewer Upsizing and Rehabilitation*.** QA/QC Lead. The first group of improvements included the sewer line upsizing along National City Boulevard and Plaza Boulevard. Along National City Boulevard, the design entailed the upsizing of 670 feet of 8-inch VCP sewer to 12-inch PVC pipe. The work also included replacing an existing 24-inch RCP storm drain along 24th street that was disjointed in several locations. Minimizing construction impacts to car dealerships, businesses, and traffic was critical to a successful project delivery. As such, night work was conducted and the sewer line construction took place between 9PM – 5AM. The existing 18-inch VCP sewer line on Plaza Boulevard will be replaced with a 21-inch PVC sewer line for approximately 2,269 feet. Impacts to traffic from Euclid to Harbison Avenue, as well as impacts to residential parking on Plaza Boulevard, must be avoided. In addition to evaluating the City's existing sewer system, Harris assessed and prepared operation and maintenance manuals for the City's two sewer pump stations located near Bayfront
- **City of El Cajon, *Johnson Avenue Trunk Sewer*.** QA/QC Lead. Designed 9,000 LF of 30- to 42-inch trunk sewer. Challenges included deep sewer, narrow corridor in streets, crossing under I-8, high groundwater, and contaminated soils. Prepared preliminary design report, design calculations, and oversaw production of contract drawings, specifications, and construction cost estimate.
- **City of Del Mar, *Citywide Sewer Condition Assessment and Design*.** Project Director. Oversaw the CCTV inspection, assessments, and design of the City's entire 105-mile sewer system including all manholes.
- **City of Del Mar, *Group 1 Sewer Design*.** Principal-in-Charge. Overseeing design services for the Group 1 Sewer projects, as identified in prioritized Citywide CCTV program.
- **San Diego Unified Port District, *Stormwater Systems Design - Tenth Avenue Marine Terminal Redevelopment Plan and Demolition and Initial Rail Component*.** Project Director. Providing stormwater systems design oversight. This project that will demolish the south addition and the three east sections of Warehouse C adjacent to a fuel farm; and provide rail and site improvements at Tenth Avenue Marine Terminal.



# Phillip D. Slagel, PE | Sr. Project Manager



Qualified. **B.S., Civil Engineering Technology, Oregon Institute of Technology.** Professional Registrations, California # 87099, Guam #1647, Montana, #12640, Washington, #34105, Nevada, #13898, CNMI #416

Connected. American Society of Civil Engineers, Society of American Military Engineers.

Relevance Experience. Phillip has over 25 years of experience in project and engineering management to include water resources, sewer systems, stormdrain, roadway, water quality, hydrology, construction management, constructability review, site development, and pavement structure analysis and design.

Coordination of technical & regulatory project requirements and criteria with Federal, State, Tribal, and Local approval and regulatory authorities as well as Business leaders, citizens groups, and other stakeholders.

Design Project Manager  
Water Group 1019 Project | San Diego, CA

Design Project Manager for a City of San Diego design-build AC Water Group project in a residential neighborhood in the Mid-City Eastern area of San Diego. The project includes 16,809 linear feet of 8-inch water distribution line replacement including fire hydrants, water service connections and other appurtenances. The project also includes curb ramp design, and pavement restoration.

Design Manager  
P-1044 Advanced Water Treatment Plant and Conveyance | Camp Pendleton, California

Design Manager for the above ground portion of a 16-inch water transmission line included in this water and wastewater conveyance facilities project. Responsible for the initial concepts and subsequent alternatives analysis and recommendation for the 16-inch ductile iron waterline and associated concrete pipe saddles. Safety features included seismic design of the pipeline/supports including incorporation of a force balanced expansion joint and safety design including a guardrail system in accordance with state and federal requirements.

QC/Cost Estimate Manager  
Otay 1<sup>st</sup> & 2<sup>nd</sup> Pipelines West of Highland Avenue | San Diego, California

Quality Manager for this water transmission pipeline replacement project for the City of San Diego. This project consists of the replacement of 5 miles of 42"-16" water transmission pipelines and approximately 2.3 miles of 12"-8" water distribution mains in the North Park neighborhood of San Diego. The project includes a new PRV station and a new control valve station at the

University Heights Reservoir. The project also includes Caltrans permitting for (3) trenchless 60" tunnel crossings of the I-805 freeway. The project will overlay streets with new AC pavement and replace approximately 140 ADA curb ramps to comply with current standards.

Chief Engineer  
Guam Department of Public Works |  
Tamuning, Guam

As Chief Engineer, was the approval authority for all roadway engineering designs on Guam. Worked in tandem with the Administrator of the Guam Department of Public Works (DPW) to insure that all projects meet the requirements of the Federal Aid Highway program and all of the exacting standards of the current Stewardship agreement as set forth by the Federal Highway Administration (FHWA) and the Government of Guam. Also acted as Guam's Technical Expert Witness in several Federal court proceedings pertaining to Federal Consent Decree projects involving the development/construction of the new landfill on the Island.

Sr. Project Manager/Design Lead  
GHD Inc. | San Diego, California

Successfully managed the design development of several transportation projects for the City of San Diego including Phase II of the Palm Avenue Improvements that consisted of intersection widening, new signal design, drainage design, geometric design, ADA access, and bike/pedestrian access design. Also the Team Lead for the final design of a pedestrian safety enhancements at Orange Avenue & 49<sup>th</sup> street and at University & 50<sup>th</sup> Street Curb Extension projects that included enhanced crosswalk designs at multiple locations including the Herbert Ibarra Elementary School drop off area.



# Casey Raines, PE, PACP, MACP

## Hydraulics/Modeling



Qualified: B.S. Civil Engineering, California State Polytechnic University, Pomona, 2007

Connected: California Water Environment Association

Professional Summary: Ms. Raines is a registered professional civil engineer with 10 years of experience in the design and planning of domestic water, recycled water and wastewater pipelines. Her emphasis has been in drafting, hydraulic system modeling, master planning, and design of plans for pipelines and pump stations. From the projects Ms. Raines has completed, she is proficient in the preparation of planning level studies, construction plans and technical specifications. Her experience in hydraulic system modeling has included regional and city wide water and sewer distribution master plans using both steady state and extended period simulations; fire flow assessments and sewer capacity studies for new developments; pump station and discharge piping improvement studies; and reservoir capacity analyses. Ms. Raines's software skills include ArcGIS, AutoCAD, Civil3D, Flow Master, Hydra, H2OMAP Sewer, InfoSewer, EPANet, H2ONet Analyzer, WaterCAD and InfoWater.

### Project Engineer

American Canyon Master Plan Updates | City of American Canyon, CA

The Master Plan Updates for the City of American Canyon included updating the 1996 Water and Wastewater Master Plans and models, preparing a master plan and developing a hydraulic model for the recycled water system, updating the City's existing base maps in AutoCAD and converting the GIS layers, and recommending Capital Improvement Program (CIP) projects required to meet projected growth and to maintain the existing system. The existing water model was updated in WaterCAD and expanded to include future growth and the required improvement projects. A new model was created in WaterCAD for the City's recycled water system.

### Project Engineer

P-1046B Recycled Water Conveyance Facilities | Marine Corp Base Camp Pendleton, CA

Project Engineer for the P-1046B Recycled Water Conveyance Facilities project that will expand the use of recycled water at the Marine Corp Base Camp Pendleton and improve the water aquifer by providing a seawater intrusion barrier. The project includes two pumping stations, over 50,000 linear feet of reclaimed water pipelines, four horizontal directional drill crossings, service connections, 350,000 gallon reservoir, sixteen injection wells for seawater intrusion barrier, and two 75,000 gallon balancing reservoirs. The design includes preparation of permit applications for injections wells, recycled water services, and approval of pipe separations for potable/ recycled/ wastewater lines.

### Project Engineer

Master Site Utility Plan | University of California Irvine Medical Center

The Master Site Utility Master Plan (MSUP) for the University of California Medical Center (UCIMC) Orange Campus provided guidance for the planning and design of the infrastructure that will be needed to support a phased plan for the future development of the Medical Center. The implementation of the future development will be accomplished in three phases and includes building expansions, replacement of existing structures, and development of new facilities. The MSUP focused on the following infrastructure systems at UCIMC: electrical, communication, natural gas, steam, chilled water, domestic water, irrigation water, sanitary sewer, storm water, and water quality. The report assessed the capacity of the existing Medical Center and the needs required to support the increased capacity. The domestic water distribution system was modeled using InfoWater.

### Project Engineer

Carlsbad Ocean Water Desalination Conveyance Pipeline | Poseidon Resources, CA  
Project engineer for the design review of the Carlsbad Ocean Water Desalination Conveyance Pipeline. GHD is currently the owner's engineer for the Carlsbad Desalination Conveyance Pipeline that will deliver an average flow of 50 MGD of desalinated ocean water from the future Carlsbad Ocean Desalination Plant to the SDCWA's Twin Oaks Valley Water Treatment Plant. The transmission pipeline system is comprised of approximately 53,000 feet of 54" diameter steel pipeline with a shell thickness up to 0.900-inches to withstand a working pressure of 550 psi and surge pressures exceeding 1000 psi.



Project Engineer  
Central Guam Reservoirs Design | Guam  
Waterworks Authority

The project consisted of the design services for six Central Guam Reservoirs including Hyundai, Pulantat, Chaot #2, Tumon #2, Piti, and Tumon #1. The existing steel reservoirs were in need of signification repairs and were replaced with a prestressed concrete design and ranged in size from 0.5 MG to 2.0 MG. The design services consisted of the preparation of plans, specifications, and estimates, which includes a Basis of Design, design calculations, hydraulic modeling and report, computational fluid dynamic modeling (CFD), construction schedule estimate, survey, permits and construction support. The hydraulic analysis completed in InfoWater verified the storage volume and elevation requirements of the new reservoirs, adequacy of existing pump stations, and requirements for proposed pump stations.

Project Engineer  
Facility Master Plan of the Lenain Water  
Treatment Plant | City of Anaheim, California  
The Facility Master Plan for the Lenain Water Treatment Plant (LWTP) included a comprehensive plan, including cost and schedule, for the replacement and rehabilitation of facilities for current use and for a future expansion of the LWTP. The Facility Master Plan evaluated cost saving opportunities, ongoing O&M requirements, regulatory compliance issues and safety. It also provided a detailed analysis of an expansion of the LWTP which included a model in InfoWater of the City's distribution system.

Project Engineer  
Wineville Extension Recycled Water Pipeline |  
Inland Empire Utilities Agency  
Project Engineer for the design of five miles of 36-inch and one mile of 24-inch welded steel pipeline to extend the Inland Empire Utility Agency's recycled water system from Ontario to Fontana. This project included hydraulic modeling of the recycled water system to determine appropriate pipe diameters by running average daily demand, maximum daily demand, and ultimate deposition into the Agency's groundwater recharge basin, preliminary and final design of the pipeline and two turnouts to discharge recycled water to the recharge basins and SBCFCD channel, several storm drain and drainage crossings, three bore and jack railroad crossings, coordination with the City of Fontana and City of Ontario recycled water customers, and development of bidding documents.

Project Engineer  
Moulton Ranch III Recycled Water Pipeline |  
Moulton Niguel Water District, Laguna Niguel,  
CA

Project Engineer for the preparation of plans for the construction of approximately 4,800 linear feet of 8-inch recycled water distribution pipes in residential streets in Laguna Hills, including connections to existing recycled water mains and irrigation services.

Project Engineer  
Mountain View Park New Well and Raw Water  
Transmission Pipeline | Chino, CA  
Project Engineer for the preparation of a Preliminary Design Report and construction plans for a new water well at the Mountain View Park in the City of Chino and a raw water transmission pipeline along Mountain Avenue, Chino Avenue and Bon View Avenue. A hydraulic analysis was completed in H2ONet Analyzer to appropriately size the transmission pipeline based on the contribution of groundwater from three wells. The proposed improvements include the development of the well site with a building that will enclose the well, pump discharge line and electrical equipment and approximately 12,500 linear feet of 12-inch to 24-inch raw water pipeline.

Staff Engineer  
Raytheon Expansion Fire Flow Analysis | El  
Segundo, CA  
Staff Engineer on the evaluation of the water distribution system using a fire flow analysis to determine the effects of a significant expansion at Raytheon in the city of El Segundo. The tasks for the study included the creation of a hydraulic model in H2ONet Analyzer, field hydrant flow tests, model calibration, determination of the existing and proposed water demands from the Raytheon site, and hydraulic analysis of the water distribution system. The final deliverable consisted of a technical report and computer hydraulic model.

Staff Engineer  
Metro Universal Water Supply, Infrastructure  
and Fire Flow | El Segundo, CA  
Staff Engineer on the evaluation of the existing water distribution and supply system to determine the direct effects of the proposed Metro Universal Project. The Metro Universal Project consists of approximately 1.5 million square feet of new commercial and possible residential uses. The tasks included a fire flow analysis following the creation of a hydraulic model in H2ONet Analyzer and a technical report.



# Ulysses Fandino, PE

## Permitting



Qualified: (M.S. Civil Engineering, California State University, Long Beach, 2001; B.S. Civil Engineering, California State Polytechnic University, 1998)

Connected: Connected: Professional Civil Engineer registered with the State of California CA/C64558

Professional Summary: Ulysses Fandino is a civil engineer and project manager with 17 years of experience in planning, design, and construction of sanitary sewer and water pipeline projects, often up to 27 inches diameter. This work has entailed master planning and condition assessment for gravity sewers and storm drains, design of potable water pipelines, trenchless design of sanitary sewers via bore-and-jack and pilot-tube microtunneling, sanitary sewer rehabilitation, potholing utilities, and permitting. He has served municipal and federal clients through Southern California and Inland Empire.

### Project Engineer

Otay 1<sup>st</sup> and 2<sup>nd</sup> Pipelines West of Highland Avenue | City of San Diego, CA

Served under Greg Watanabe for the design of five miles of 36-inch diameter and one mile of 24-inch diameter welded steel pipeline to extend the recycled water system from the City of Ontario to the City of Fontana. The IEUA required the pipeline to provide recycled water service to dozens of customers as well as to the RP-3 recharge basin.

### Project Manager

Newport Coast Sewer Lift Station Rehabilitation Project | Irvine Ranch Water District, Newport Beach, CA

Served as the Project Manager for the complete rehabilitation design of the 500-gpm regional Newport Coast sewer lift station that includes the recoating of the wet well, new CIPP lining for the 12-inch DIP sewer force, sewer bypass pumping during the wet well and dry well rehabilitation. The dry well rehabilitation involves a new innovative discharge header that doubles back on itself, a new 30-foot deep underground stairwell for improved ingress/egress to the dry well, and improved ventilation. The project also includes constructing a new CMU block electrical control building with new PLC and MCC equipment, and a new chemical odor control system.

### Project Manager

San Diego Programmatic Wastewater Pipeline Condition Assessment Project | City of San Diego, CA

Provided technical writing services for the preparation of reports for twenty-three gravity and force main sewer facilities as part of the San Diego Programmatic Wastewater Pipeline Condition Assessment project led by Tran Consulting Engineers. The reports include discussion of CCTV, geotechnical, corrosion, hydraulic, groove inspection and physical inspection activities.

### Project Manager

Sanitary Sewer Master Plan for the West Anaheim Area | City of Anaheim Public Work Department, CA

Prepared the master plan update for the West Anaheim Area sewer systems. The project involves wet weather flow monitoring, using H2O Map hydraulic modeling and ArcGIS software to identify sewer lines requiring rehabilitation and/or replacement, preparing cost estimates for sewer lines needing improvements for the existing and build-out land use conditions, and determining the financial plan for obtaining the funding sources on building the proposed sewer improvements.

### Project Engineer

Owens Dry Lake Dust Mitigation Project: Phases II, IV, and V | City of Los Angeles Department of Water and Power, Los Angeles, CA

Led the task to complete design plans, specifications, and calculations for various large-diameter (12- to 30-inch) high-density polyethylene (HDPE) transmission pipelines in Owens Dry Lake. Assisted in performing soil borings and buoyancy analysis. Assisted in managing construction submittals and requests for information.

### Project Manager

Alamitos Barrier Improvement Project | Orange County Water District, Seal Beach, CA

Managed the preparation of engineering design reports, plans, specifications, and cost estimate for the wellhead installation of 17 new injection wells and 4 new monitoring wells along the Los Alamitos Channel in Seal Beach to augment injection capacity along the north-south reach of the Alamitos Barrier. Other design elements include design of 24-foot high temporary noise barriers (sound walls), phasing and planning of well construction activities, and well telemetry/SCADA design coordinated with



Orange County Flood Control District and Los Angeles County Department of Public Works.

Project Manager  
Water System Replacement Design Project, Air Force Civil Engineering Center (AFCEC) | Pillar Point Air Force Station (AFS), CA

Completed the design plans, specifications, and construction cost estimate for the replacement of the existing 3-inch potable water system at Pillar Point AFS. The replacement design included a comprehensive Basis of Design report, hydraulic modeling, surveying, geotechnical analysis, a new booster pump station, and coordination for sensitive habitat and archeological areas. and existing condition infrastructure evaluations.

Project Manager  
35% Preliminary Design Water System Replacement Phase 1 North, Air Force Civil Engineering Center (AFCEC) | Vandenberg Air Force Base (VAFB), CA

Completed the preliminary design plans, specifications, and construction cost estimate for approximately 65,000 linear feet of new HDPE potable waterlines at North VAFB. The preliminary design included a comprehensive Basis of Design report, extensive hydraulic modeling analysis, trenchless design under the existing UPRR railroad, and coordination for underground explosive ordnance and sensitive habitat areas.

Project Manager  
Water Distribution System Study | NAVFAC, Marine Corps Air Station, CA

Conducted a water study to determine the deficiencies of the existing water distribution system. The water study included destructive testing by pipe coupon sampling, valve and fire hydrant flow testing, and leak detection testing via acoustic listening devices. The existing MCAS Yuma GIS modeling and database were updated to develop improvements to the current water system. The final report of the study recommended solutions to improve the deficiencies and consolidate the solutions into a maintenance program with engineering cost estimates developed and prepared in accordance with the Department of Defense estimating standards.

Project Engineer  
University/Campus Sewer Rehabilitation and Force Main Project | Irvine Ranch Water District, Irvine, CA

Finalized the design plans and specifications for various large-diameter (14- to 27-inch) high density polyethylene (HDPE) sewer force mains and VCP sewer gravity mainlines along University Drive, Campus Drive, and San Diego Creek Channel, and under Campus Drive Bridge, in the City of Irvine.



# Curriculum Vitae

## Larry B. Tortuya, PE Project Manager



Qualified. B.S. Civil Engineering, California State Polytechnic University, 2004;  
A.S. Engineering, Long Beach City College, 2000

Connected. Professional Engineer - Civil, California, 2007, 71502

Relevance to project. Larry has over 12 years of experience working within Riverside, LA, and Orange Counties on stormwater public improvement projects. Larry has managed multiple public projects requiring bio-filtration, bio-retention, harvest and reuse, and flood attenuation. Larry has experience in using the “Green Streets” approach to address LID and HCOC. Larry has worked on projects where innovative solutions such as bio-retention, stormwater harvest and re-use, and bio-filtration were implemented for stormwater design.

### Project Manager

Wilson III Detention Basin | City of  
Yucaipa, CA

Responsible for the production supervision of plans, specifications, and estimates for the improvement plans for a 250 acre foot basin. This project includes a water recharge basin for harvest and reuse, LID solutions for roadway runoff, road extension, residential site rough grading plans, hydrology and hydraulic calculations for the regional flood attenuation basin, a CLOMR application, and DSOD Jurisdictional Determination, and stream restoration, and grade control. Responsibilities included billing, tracking of man hours and utilization, and submitting, and receiving additional work requests.

Responsibilities also include providing a project schedule and meetings with stake holders to present, and review the project. Michael Baker analyzed multiple basin configurations and presented six alternatives detailing construction costs and environmental impacts.

### Task Manager

Peters Canyon Flood Control Channel  
Widening and Trail System, Facility 06 |  
Irvine Ranch Water District, Orange, CA  
Responsibilities included the production of all Surface Water related PS&E tasks, including plan production, quantities and cost estimates, technical specifications, basis of design calculations, and Hydraulic and Hydrology

reports. The channel improvements included the construction of new facilities to convey the design 100-year flow rates. Channel work included construction of reinforced concrete rectangular and trapezoidal channel sections and concrete-lined sections with an earthen, or soft-bottom, invert. The trail improvements were part of the county’s regional Peters Canyon Trail system and included paved bikeways and soft-surface riding-hiking trails. Unique features were incorporated into the design of the channels to improve the form and function of the trail system including a bio-filtration swale system to treat runoff from the bike trail.

### Task Manager

PA 39 – NTS Basin | Irvine Community  
Development Company, Irvine, CA  
As the task manager, responsibilities included overseeing the production of plan, specifications, and estimates for the PA-39 Natural Treatment System Basin. Roles included support during construction, plan processing through the City of Irvine, and overseeing the design of the system, including the water quality and LID features. The NTS and water quality treatment design included innovative treatment processes such as UV, and utilizing vegetation to reduce nutrients in the nuisance flow. The project included sampling the influent and effluent for studying the performance of the system.





# Curriculum Vitae

## Task Manager

Hospital Replacement Wing | Ventura County Medical Center, Ventura, CA  
Responsibilities included the production of all Surface Water related PS&E tasks, including plan production, quantities and cost estimates, technical specifications, basis of design calculations, and the production of Hydraulic and Hydrology related reports. The project included the design of a sump pump system to capture on-site runoff in a sump area and convey the runoff to the storm drain system pre-treatment facilities.

## Project Engineer

Parking Facilities and Enhancements D-B project | Metropolitan Transportation Authority, Metro Gold Line Foothill Extension Construction Authority, Azusa and Irwindale, CA

We provided professional services for the Metro Gold Line Authority's Intermodal Parking Facilities and Enhancements Design-Build Project. The project involves six transit station sites, four of which will include the design of structured parking, located within the cities of Arcadia, Monrovia, Duarte, Irwindale and Azusa. The project includes off-site intersection improvements to provide mitigation measures in accordance with the Final EIR mitigation measures, which included underground rainwater capture facilities using the Stormtech Arch Chamber systems. The chamber system was designed to treat the first flush storm event, and capture larger events on site for retention.

## Project Engineer

Washington Boulevard Widening | City of Commerce, CA

Provided design services for the widening and reconstruction of Washington Boulevard from Interstate 5 to the western City boundary near the UPRR yards, a distance of 2.8 miles. The primary project elements include: widening and reconstructing Washington Boulevard from two through lanes to three through lanes in each direction; replacing existing Asphalt Concrete (AC) with Portland Cement (PCC) pavement with PCC pavement repairs at existing PCC intersections to

accommodate heavy truck usage; reconstruction of sidewalks, curbs, gutters, curb drains, curb returns, driveways, medians, and ADA ramps; upgrading traffic signals, signs, street lighting, and lane striping; constructing new landscape planters, and median landscape improvements; facilitating Caltrans encroachment processes for both I-5 and I-710 ramp interfaces; and providing public outreach services. Project tasks included the retrofit and design of the existing storm drain network, and implementing LID/HCOC BMP design into the system for the improved roadway.

## Other related areas of interest

- **Fluent in 2 languages.** Tagalog and English
- **IT savvy.** Expert in Civil 3D, HEC-RAS, WSPGW, WMS, STORM, AES, FLOWMASTER, HY8, HDS5, XPSWMM, Arc GIS, Infracore 360.
- **Recognised.** Excellence in Teamwork Awards 2009, Client Service Award 2008
- **Memberships.** FASAE, ASCE



# Greg Watanabe, PE

## Sr. Project Manager, Principal-in-Charge



Qualified: California State Polytechnic University, Pomona. BS Civil Engineering- Emphasis in Environmental Engineering.

Connected: American Public Works Association, American Society of Civil Engineers, American Water Works Association, Orange County Water Association, North American Society for Trenchless Technology

Professional Summary: Mr. Watanabe has significant experience in capital improvement program and project management, as well as construction management, with an emphasis in the planning, analysis, and design of water distribution and transmission systems for public utility systems. His recent experience involves large diameter and high pressure pipeline facilities with sizes up to 96 inches in diameter and working pressures exceeding 550 psi.

### Quality Manager

Group Job 1019 Waterline Replacement | Orion Construction, San Diego, CA, USA

Mr. Watanabe was the overall Quality Manager and Principal-In-Charge for the replacement of approximately 17,000 lineal feet of existing aging 6-inch and 8-inch potable water distribution system pipelines with new 8-inch C900 PVC pipes. The project scope also included a comprehensive review of their local fire hydrant spacing based upon current fire protection guidelines. The project was delivered using a design-build alternative project method to expedite the overall project schedule and reduce the overall project cost.

### Quality Manager

P-1046B Recycled Water Conveyance Facilities | Orion Construction, MCB Camp Pendleton, CA, USA

Mr. Watanabe served as the project Design Quality Control Manager (DQCM) for the design-build of recycled water conveyance facilities. The project includes two pumping stations with two 40 hp vertical turbine pumps fitted with VFDs housed in CMU block building structures, over 40,000 lineal feet of reclaimed water pipeline, four horizontal directional drill creek crossings, service connections, 350,000 gallon welded steel reservoir, sixteen injection wells for seawater intrusion barrier, and two 75,000 gallon steel reservoirs.

### Quality Manager

Recycled Water System Pipeline | City of San Juan Capistrano, CA, USA

Fulfilled the role of technical lead of the overall design and QA/QC of an approximately 7,500 LF of 12-inch C900 PVC pipe that provides an inter-agency connection between the City of San Juan Capistrano and the Moulton Niguel Water District recycled water systems. Design challenges included a flow meter in a vault and the suspension of the pipeline outside a concrete bridge span.

### Design Engineer

High West Side Pipeline Replacement Project | City of San Juan Capistrano, CA, USA

Design Engineer for the design and construction of approximately 11,300 LF of 16-inch domestic water main, 3,025 LF of 12-inch domestic water main, 550 LF of 6-inch domestic water piping, 3,500 LF of 24-inch recycled water main, a pressure reducing station, a meter vault, the abandonment of existing asbestos cement pipe at six locations, and other miscellaneous piping, valves, and fittings at connections to the domestic water system.

### Construction Engineering Manager

Desalinated Water Conveyance Pipeline | San Diego County Water Authority, Carlsbad, CA, USA

Served as the Owner's Engineer Construction Engineering Manager for the design and construction of a \$161M design-build construction project consisting of approximately 10 miles of 54-inch welded steel pipeline. The pipeline contained a shell thickness up to 0.867-inches to withstand a working pressure of 550 psi and surge pressures exceeding 800 psi. Specific project highlights included eight tunnels with casings up to 96-inches in diameter through pits nearly 40-feet deep. The project also included crossing beneath the Interstate-5 Freeway and a 1,800 lineal foot 108-inch horseshoe tunnel spanning a canyon filled with critical habitat. The pipeline conveys potable water from a new 50 MGD ocean desalination treatment facility in Carlsbad, CA to a flow control facility consisting of a 54" plunger valve, ammonia and sodium hypochlorite injection, and connections to the SDCWA Second Aqueduct including the 72" Pipeline-3 and 96" Pipeline-4 facilities. The proposed facility provided a sustainable new water supply source to San Diego County.



Quality Manager

P-1044 AWTP Conveyance Facilities | Orion Construction, MCB Camp Pendleton, CA, USA

Mr. Watanabe served as the project Design Quality Control Manager (DQCM) for the design-build of conveyance facilities including over 70,000 lineal feet of 16-inch diameter piping, treated water piping connections, emergency interconnection and pressure reducing station, well pump and motor replacements, assessment and replacement of distribution lines, 9,000 lineal feet of brine disposal piping, 5,000 lineal feet of force main, horizontal directional drill crossings, and appurtenances.

Technical Manager

Joint Transmission Main Unit 1, Reaches 1 & 2, Joint Regional Supply System | South Coast Water District, Irvine, CA, USA

Provided technical review and oversight during the design, permitting and construction of approximately 5,800 lineal feet of 60-inch cement mortar lined and coated steel pipe. Project replaced and realigned a reach of an existing 60-inch PCCP Joint Transmission Main (JTM) into an easement within the future extension of Lake Forrest Drive from Bake Parkway to the SR-133 freeway. The JTM facility was originally constructed in 1961 to provide imported MWD water supply to approximately 200,000 residents in the City of San Juan Capistrano, City of San Clemente, Irvine Ranch Water District, El Toro Water District, Moulton Nigel Water District, Capistrano Valley Water District and the San Onofre Nuclear Power Generating Station. The pipeline is over 26 miles long and has a capacity of over 88 cfs.

Design Engineer

Chevron Reverse Osmosis Pipeline | West Basin Municipal Water District, El Segundo, CA, USA

Designed approximately 9,000 LF of 16-inch and 12-inch HDPE pipelines in parallel (nearly 18,000 LF total). These pipelines conveyed aggressive "ultra-pure" treated process water for a Chevron petroleum refinement facility. Challenging project elements included working within a major arterial highway congested with non-standard utilities due to the surrounding petrochemical refineries resulting in portions of the alignment requiring the vertical "stacking" of the pipelines.

Project Director

La Costa Water Main Relocation | City of Carlsbad | Carlsbad, CA, USA

Directed the design of a new waterline via trenchless construction methods beneath the La Costa Creek and PGA Golf Course at the La Costa Country Club in Carlsbad, CA. The project replaced a 52 year old 8-inch asbestos cement waterline that previously failed in the creek area with approximately 700 lineal feet of fused 8-inch HDPE piping installed via horizontal directional

drilling tunneling methods as well as adjacent reaches of approximately 100 lineal feet of pipelines in high-risk utility easements between private properties, sloped areas, and a penetration through a CMU block retaining wall. All the construction work was within existing private property and required new utility easements and temporary construction easements requiring the preparation of the associated legal descriptions and plat maps

Design Engineer

Mission Trail Transmission Main Replacement | Elsinore Valley Municipal Water District, Lake Elsinore, CA, USA

Designed approximately 8,000 LF of 24-inch DIP water transmission main to replace an existing 24-inch PVC line with a history of multiple pipeline failures. The design included the development of a construction phasing plan to ensure existing services would remain uninterrupted throughout the construction period.

Project Director

Ontario Avenue Waterline |

City of Corona, Corona, CA, USA

Pipeline project of ~2,100 LF of 18-inch DIP to extend a distribution system pressure zone to provide sufficient system pressure to a local area at the top end of the adjacent lower pressure zone.

Project Director

State Street Waterline | City of Corona, Corona, CA, USA

Slip-lined approximately 400 LF of 12-inch steel pipe with a new fusion-welded 10-inch HDPE pipe to repair a leak beneath the northbound travel lanes of the I-15 Freeway.

Design Manager

Manchester Avenue Waterline Relocation | City of Anaheim, CA, USA

Managed the design to relocate approximately 800 lineal feet of 12-inch domestic water pipeline out of an old street right-of-way to be vacated. Specific project elements included the design and coordination details necessary to abandon the existing pipeline connections and obtaining a Caltrans encroachment permit.

Project Director

Lincoln and 10th Street Waterline | City of Corona, Corona, CA, USA

Pipeline project of ~1,000 LF of 16-inch DIP to reroute flow from a well collector waterline to the Temescal Desalination Facility.

Project Director

Alta Vista Waterline | City of Corona, Corona, CA, USA

Pipeline project of ~1,800 LF of 12-inch DIP to replace a local water distribution pipeline that had 4 breaks in a two-



year period due to poor construction standards in a residential neighborhood.

Project Director  
Fair Isle Waterline | City of Corona, Corona, CA, USA

Pipeline project of ~900 LF of 16-inch DIP interconnecting two adjacent master planned developments for backbone system redundancy and reliability.

Project Manager  
Wineville Extension Recycled Water Pipeline | Inland Empire Utilities Agency, Chino Hills, CA, USA

Oversaw the design and construction of 6 miles of pipelines including 5 miles of 36-inch and 1 mile of 24-inch welded steel pipelines to extend the Agencies recycled water system from the City of Ontario to the City of Fontana. This project included hydraulic modeling of the recycled water system to determine appropriate pipe diameters by running average daily demand, maximum daily demand, and ultimate deposition into the Agency's groundwater recharge basins. It also included the preliminary and final design of the pipeline, turnouts to IEUA customers including private properties and the Fontana Water Company, and turnouts discharging recycled water to groundwater recharge basins at the IEUA RP-3 site and the SBCFCD Decler Channel. This included the specification of a 28-inch and 16-inch plunger valves enabling the pressurized recycled water system to discharge to open atmosphere. Other design elements included mitigating several storm drains, flood control channel crossings, railroad crossings through pipe bridges and bore and jack construction methods. The project also included a value engineering (VE) component that included enhancements to the Agency's RP-3 site included operational improvements including a new flow splitter box to control flows within the RP-3 site and upgrading of the existing SCADA system to meet newly adopted Agency standards. Other VE enhancements included hardening of site security for the existing and proposed facilities including security cages around sluice gate motor operators and "no-climb" fencing and gates.

Project Director  
Stagecoach Park Recycled Waterline | City of Corona, Corona, CA, USA

Pipeline project of ~7,100 LF of 16-inch DIP interconnecting the City's recycled water system to the adjacent City of Norco's recycled water system to provide system redundancy and reliability. It also provided the City relatively low-TDS recycled water from the Western Riverside County Regional Wastewater Authority treatment plant to blend into the City's recycled water distribution system. The project also included a flow monitoring station to track water exchange.

Project Director

Butterfield Park Recycled Waterline | City of Corona, Corona, CA, USA

Pipeline project of ~5,300 LF of 16-inch DIP and HDPE to interconnect the City's recycled water system backbone to serve two parks. Project elements included CEQA and NEPA documentation as portions of the pipeline alignment spanned federal environmentally sensitive land including a known nesting area of the endangered Least Bell's Vireo birds and crossing the Temescal Creek via horizontal directional drilling tunneling construction methods.

Project Director

City Park Recycled Waterline | City of Corona, Corona, CA, USA

Pipeline project of ~4,400 LF of 12-inch DIP to extend the City's recycled water distribution system to serve a park and an industrial area of the City.

Design Engineer

Lasselle Street Recycled Water Pipeline | City of Moreno Valley, CA, USA

Design Engineer for the design the of the approximately 2,600 linear foot 8-inch Eastern Municipal Water District recycled water pipeline within Lasselle Street from Cactus Avenue to John F. Kennedy Avenue.

Project Director

Masters Recycled Waterline | City of Corona, Corona, CA, USA

Pipeline project of ~12,000 LF of 16-inch DIP expanding the City's recycled water system backbone to serve South Corona. This project also included over 20 recycled water conversions for a local elementary school, parks, LMDs and HOAs.

#### Other related areas of interest

- Special Qualifications.
- 2005/Professional Engineer/CA # C67618
- 2005/Professional Engineer/HI #PE-11801
- 2015/Professional Engineer/Guam #1861
- 2009/Field Studies in Water Distribution System Operation and Maintenance
- 2015/Construction Quality Management for Contractors/ USACE-NAVFAC/SPL021400018

# APPENDIX F: JOB SITE PHOTOS

---

# Scripps Ranch Pump Station



Excavating Pipe Trench



Laying Yard Piping



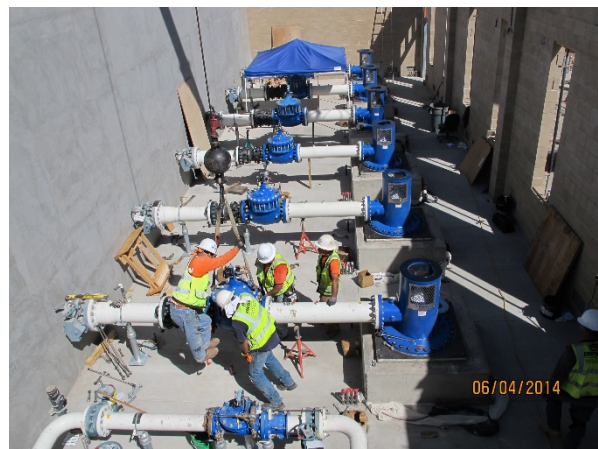
Installing Discharge Piping



Surge Tank Installation



Setting Pump Motors



Discharge Pipe Connections

# Group Job 922



Trench Excavation



Flushing and Testing



PVC Pipe Install



Meter Box Install



Trench Backfill



Trench Paving

# Group Job 743



Crews installing CMP shafting at the Pringle Street location



20' Deep sewer installation



Stacking Trench Shields



# APPENDIX G: CERTIFICATION OF PENDING ACTIONS

---

**DESIGN-BUILDERS CERTIFICATION OF PENDING ACTIONS**

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against the Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

CHECK ONE BOX ONLY.

- The undersigned certifies that within the past 10 years the Bidder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers.
- The undersigned certifies that within the past 10 years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

DATE OF CLAIM	LOCATION	DESCRIPTION OF CLAIM	LITIGATION (Y/N)	STATUS	RESOLUTION/REMEDIAL ACTION TAKEN

Contractor Name: Orion Construction Corporation

Certified By Richard Dowsing Title President

Name



Signature \_\_\_\_\_ Date 03/21/2017

**USE ADDITIONAL FORMS AS NECESSARY**

Statement of Qualifications for

# Multiple Award Design-Build Contracts (MACC) for Water, Wastewater, and Stormwater Pipeline Projects

RFQ NO. K-17-1518-MAC-3



Prepared by



Shimmick Construction Company, Inc.  
W. Andrew Sloane, III | Vice President  
asloane@shimmick.com

in partnership with



DAVID EVANS  
AND ASSOCIATES INC.

David Evans and Associates, Inc.  
Eric Magee, PE | Design Project Manager  
Eric.Magee@deainc.com

March 21, 2017

## Table of Contents

Section	Description	Page
	Addenda to this RFQ	ii
	Identification of the Design-Builder	ii
1	Exceptions to this RFQ	1
2	Executive Summary	2
3	Experience and Technical Competence	4
4	Proposed Method to Accomplish the Work	8
5	Knowledge and Understanding of Local “Environment”	12
6	Project Organization and Key Personnel	15
7	Equal Employment and Contracting Opportunity	20
8	Financial Information and Arrangements	22
9	Change Order and Litigation History	23
<hr/>		
Appendix	Description	
A	Work Force Report	
B	Resumes of Key Personnel	

## Addenda to this RFQ

The Shimmick Construction Company, Inc. and David Evans and Associates, Inc. (Shimmick/DEA) Team is in receipt of **Addendum 1** for the Request for Qualifications (RFQ) for Multiple Award Construction Contracts (MACC) for Water, Wastewater, and Stormwater Pipeline Projects, received on **March 16, 2017**.

## Identification of the Contractor

<b>Legal name of company</b>	Shimmick Construction Company, Inc. (Shimmick)
<b>Legal form of entity</b>	California Corporation
<b>Year of establishment of entity</b>	1990
<b>Parent Company</b>	Shimmick is not owned by a parent company
<b>Address of main office</b>	8201 Edgewater Dr, Ste 202, Oakland, CA 94621
<b>Address of Southwest Office</b>	16481 Scientific Way, Irvine, CA 92618
<b>Address of San Diego satellite office</b>	10710 Scripps Lake Dr, San Diego, CA 92131
<b>Contact Information</b>	W. Andrew Sloane, III, Vice President asloane@shimmick.com, (949) 333-1514
<b>Number of employees in San Diego County</b>	40
<b>City of San Diego Business License Number</b>	B2016003848, Expires 05-31-2017
<b>State Contractor’s License Number</b>	CA License No. 594575 - Class A, B, C10, C13, C51, HAZ Exp. 05-31-2018
<b>Name, title, address and telephone number of person to contact concerning the SOQ.</b>	W. Andrew Sloane, III asloane@shimmick.com, (949) 333-1514

## Identification of the Designer

<b>Legal name of company</b>	David Evans and Associates, Inc. (DEA)
<b>Legal form of entity</b>	Corporation
<b>Year of establishment of entity</b>	1977
<b>Parent Company</b>	David Evans Enterprises, Inc.
<b>Address of main office.</b>	2100 SW River Parkway, Portland, OR 97201
<b>Address of San Diego satellite office</b>	600 B Street, Ste 1600, San Diego, CA 92101
<b>Contact Information</b>	Eric Magee, Design Project Manager Eric..Magee@deainc.com, 619.400.0622
<b>Number of employees in San Diego County.</b>	8
<b>City of San Diego Business License Number</b>	B1997011110
<b>Professional Engineering License Number</b>	Design Manager Eric Magee, PE CA License No. 64566, Exp. 06/30/2017

# **Section 1**

## **Exceptions to this RFQ**

---

## Section 1. Exceptions to this RFQ

---

The Shimmick/DEA Team has reviewed the Request for Proposal for MACC for Water, Wastewater, and Stormwater Pipeline Projects and certifies it takes no exceptions to the RFQ and its attachments by signing and submitting with its SOQ the Certification of Exceptions to the Request for Qualifications.

## **Section 2**

# **Executive Summary**



## Section 2. Executive Summary

The City has an urgent need to improve its infrastructure in a timely and cost effective manner; thus the design-build procurement method through a MACC contract approach has been initiated for infrastructure replacement projects.

### The Shimmick/DEA Design-Build Team

Established in 1990, Shimmick Construction Company Inc. (Shimmick) is a General Engineering Contractor that specializes in constructing complex civil construction projects. Shimmick’s successful projects span across all markets, from water/wastewater conveyance and treatment facilities to dams, bridges, transit/rail, and design-build. Shimmick’s unique ability to self-perform every part of complex construction projects results in significant value to clients, including higher quality projects completed on time and within budget.

DEA has served as the designer for multiple design-build projects for the City of San Diego. Their success story includes over 95,000 feet of underground utilities for design-build projects over the last five years. This work includes the Design Build Water Group 3012, where they installed 42,240 LF of water main, Water and Sewer Job 814, and Otay 1st University Heights MACC projects. DEA is currently working on the Otay Mesa Storm Drain Upgrade project, which is currently at the 75% construction milestone.

The Shimmick/DEA Team will be led by **Tomonori Kamimura**, as Project Manager, with 10 years of construction experience; **Piyush Mehta**, as QA/QC Manager, with 30 years of construction experience; and **Eric Magee**, PE, as Design Manager, with 20 years of water resources design experience.

Selecting a design-build team with this proven record of success provides several benefits to the City:

- a thorough understanding of the existing City infrastructure and its plans for future improvements.
- a thorough understanding of the current City operations and management structure and has built a solid level of cooperation and trust with City staff.
- a thorough familiarity with City guidelines, standards and procedures.
- solid and proactive working relationships with subcontractors whom share the understanding of the City and will furnish the SLBE, ELBE, and DVBE participation to meet City goals.

The Shimmick/DEA Team and its subcontractors have conducted business in the City for decades, and have business offices in the City with reasonable access to City facilities and projects.

### Project Implementation & Control Approach

The Shimmick/DEA project implementation and control approach reflects our intimate understanding of the design-build and MACC processes.

*Before and during the proposal phase, the Shimmick/DEA Team thoroughly reviews the project to deliver a cost design and construction approach and pricing:*

- In developing our task order proposals, the Request for Proposal (RFP) and associated addenda are reviewed carefully to thoroughly understand the project and any modifications to City Guidelines, Standards, and Procedures including a thorough review of Bridging Documents.
- Site and field visits as well as Google Earth reviews of the areas affected by the project are conducted to identify challenges and to yield solid price and schedule estimates.
- Staff is dedicated to develop concepts

## Statement of Qualifications

for cost reduction, methods to accelerate schedule, and ways to bring key City facilities on line as soon as possible through design and construction staging.

***Upon receiving the Limited Notice to Proceed, we set the wheels in motion to deliver a successful project to the City:***

- At the kickoff meeting, we bring our thorough understanding of the project, at both design and construction levels and carefully listen to City priorities.
- We proactively energize our staff and subcontractors to implement schedule goals, including but not limited to, record research, preparation of permit packages, preparation of preliminary traffic control design, soils investigations, potholing and field survey.
- We tailor our 30% design to address key construction issues while proceeding quickly to the 60% design package and the anticipated Notice to Proceed. Design and construction are developed in stages (when needed) to prioritize selected components, minimize community impacts and accommodate project constraints.

***Construction is implemented with methods and expertise backed by seven years of experience working in San Diego County:***

- Potholing is utilized to identify key construction issues relating to the location of the pipe to be replaced in place, cross connections and end connections.
- Highlining is implemented to ensure that existing customers remain in service during construction.
- Community outreach is effectively used to minimize residents' complaints and to maximize stakeholder involvement.
- Standard and special construction methods for underground utility construction are conducted in strict accordance with City Guidelines, Standards and Procedures.

Shimmick/DEA's extensive history with the City allows for well thought out special construction procedures such as connections to existing facilities, trenchless methods, and the integration of existing laterals into the new facilities. We have successfully integrated traffic control methods and the construction of ADA curb ramp improvements into many previous City projects.

Our thorough understanding of underground utility design-build construction is subjected to rigorous quality control. In design we implement a Quality Management Plan that exceeds industry standards and is in strict accordance with City Guidelines and Standards. In construction, compliance with the Approved Materials List is maintained. Inspections are made to ensure quality, and grade control is confirmed throughout construction.

The Shimmick/DEA Team will provide the City with high quality and cost effective design build services. Our Team has served the City for over 20 years, and we have dedicated a highly experienced management team to lead your projects. Our management team will lead a cadre of experienced and dedicated design and construction professionals and subcontractors that will deliver your projects to your complete satisfaction.

The undersigned, a duly authorized representative of Shimmick hereby submits this statement of qualifications.

**Shimmick Construction Company, Inc.**  
Company

  
By W. Andrew Sloane

**Vice President**  
Title

**March 21, 2017**  
Date

## **Section 3**

# **Experience and Technical Competence**

## Section 3. Experience and Technical Competence

### Design-Builder's experience in completing similar Design-Build efforts.

#### Robert B. Diemer Water Treatment Plant, Yorba Linda, California



The Robert B. Diemer Water Treatment Plant is an existing 520 MGD facility owned and operated by the Metropolitan Water District of Southern California. The Oxidation Retrofit Program project upgrades/modifies the existing Plant and enables the water treatment plant to treat water with an oxygen/ozone system. The work included: constructing ozone generation building, ozone contactors, contactor influent and effluent conduits, contactor rejection tunnel, liquid oxygen (LOX) storage and feed system, chemical feed facilities, electrical switchyard, power substation, switchgear building, emergency generator building, large diameter yard conduits and piping, grading paving, demolition, adding and modifying plant utilities, electrical instrumentation and controls, connection to existing facilities, landscaping, meter vaults, oxygen/ozone system equipment, gates, valves, commissioning and training. All work was performed under the inspection of Division of Safety of Dams and the Metropolitan Water District. The \$13M yard piping package included large diameter steel pipe for influent and effluent conduit, large diameter steel pipe, contactor rejection tunnel, fire, potable and industrial water lines, mortar-lined carbon steel pipe, and chemical and utility piping.

- Carbon Steel Pipe ranging from 4-16” in diameter, combined total of approximately 27,821 LF.
- Copper Pipe, 1,800 LF.
- PVC Pipe, 2,080 LF.
- Relocate Gas/Water Line: 937 LF, temp 8” raw water, 730 LF
- PVC Double Wall Pipe, 320 LF
- GOX LL Pipe, 1,402 LF
- Polyethylene Gas Pipe, 1,840 LF
- RCP Pipe ranging from 18-24”, 300 LF
- K-Pipe (steel plate), 860 LF
- Installed over 26 fire hydrants

**Project Owner:** Metropolitan Water District of Southern California.

**Owner’s Project Manager:** David Yanez

**Phone Number:** (909) 392-5429

**Type of Client:** Public

**Total Construction Cost:** \$193,500,000

#### Port of Los Angeles Berths 142-174 Intermodal Container Transfer Facility, California

The Project consists of developing an intermodal container transfer facility (ICTF), including demolishing existing Pier A rail yard; grading; placing surcharge; constructing new utilities, some with steel casings, including water, sewer, storm drain, electrical, and communications; installing track work and special track work; installing railway signal equipment; installing train in motion system; installing switches, sliding derails, and bumper posts; installing crane rail foundation and crane rail; installing high mast poles and fire hydrant assemblies; installing optical character recognition (OCR) portal, turnover anchor pit, and compressed air system; constructing secondary gate with truck scales, gate arms, and concrete pedestals; constructing compressor building, guard booth, and

## Statement of Qualifications

customs/border protection office building; constructing concrete and asphalt concrete pavement; installing signage, striping, and fencing on k rail.

As part of this project, Shimmick installed the following:

- 3755 LF of new water lines (DIP) ranging from 6-12” in diameter and included fire hydrants
- 940 LF of new sewer lines (PVC) 6” in diameter
- 4800 LF of new storm drain lines (RCP, HDPE, PVC) ranging from 8-24” in diameter

**Project Owner:** Port of Los Angeles  
**Owner’s Project Manager:** Scott Gilmour  
**Phone Number:** (310) 732-7635  
**Type of Client:** Public  
**Total Construction Cost:** \$59,678,691  
**SANBAG Downtown San Bernardino Passenger Rail Project, California**



The Project is a one mile extension of Metrolink infrastructure for extended commuter rail service from the San Bernardino Santa Fe Depot to the San Bernardino Transit Center at the southwest corner of Rialto Avenue and E Street. The Project generally includes re-alignment and addition of a second track, additions and modifications of railroad communication and signal systems for centralized traffic control (CTC) and

positive train control (PTC), changes and new rail passenger platforms at the Depot, new platforms at the transit center station, grade crossing closures and modifications, street and utility improvements, additions and modifications to parking lots, landscape and irrigation, grading, security systems, and construction of a pedestrian over-pass at the Depot and a Metrolink crew building at the transit center station.

As part of this project, Shimmick installed the following:

- Sewer Lines: SDR 35 (PVC), ranging from 4-6” in diameter, combined total of 1,070 LF
- Sewer Lines: VCP ranging from 8-10” in diameter, combined total of 400 LF plus sewer manholes and laterals.
- Waterlines: C-900 (PVC), ranging from 2-6” in diameter, combined total of 1845 LF
- Storm Drain: RCP, ranging from 18-48” in diameter, combined total of 5,785 LF.
- Storm Drain: HDPE, ranging from 8-18” in diameter, 7,630 LF.

**Project Owner:** San Bernardino Associated Governments  
**Owner’s Project Manager:** Carrie Schindler  
**Phone Number:** (909) 884-8276  
**Type of Client:** Public  
**Total Construction Cost:** \$62,378,472.72

### Design Experience for DEA

DEA has successfully delivered MACC Task Order projects due to their experience and thorough knowledge of the City Standards and Procedures.

### Otay 1st-University Heights Water Line Replacement Project, San Diego, California

The City of San Diego awarded the design and construction of the Otay 1st-University Heights Water Line Replacement Project to the design-build team of DEA and El Cajon Grading & Engineering under the Multiple Award Construction Contracts (MACC) program. The

# Statement of Qualifications

project involved the replacement in place of approximately 5,000 LF of 30-inch Cast Iron Cement Lined pipe with 16-inch Polyvinyl Chloride potable water piping on Polk Avenue and Alley, west of 42nd Street to the intersection of Polk Avenue and 33rd Street. A component of the project included jacking the new pipe through an existing 30-inch transmission main across Edison Elementary School, which required phasing the work overnight and after hours. Public involvement was also critically important to project success, and DEA worked closely with the project team for community presentation meetings and preparation of the community relations plan.

**Client:** El Cajon Grading & Engineering  
**Project Owner:** City of San Diego  
**Owner’s Project Manager:** Debbie Van Martin

**Phone Number:** 619-533-7413  
**Type of Client:** Public  
**Design Fee:** \$265,244  
**Total Construction Cost:** \$3,105,980

## Otay Mesa Storm Drain Upgrade Project, San Diego, California

The City of San Diego awarded the design and construction of the Otay Storm Drain Upgrade Project to the design-build team of DEA and El Cajon Grading & Engineering under the MACC program. The project involved the installation of new, replace-in-place storm drains to upgrade existing corrugated metal pipe with reinforced concrete pipes (RCP). 5,000 LF of 24” to 54” was installed using the MACC delivery. The work included hydrologic and hydraulic assessments at five different sites within the overall project areas, the replacement of 11 existing storm drain inlets and 15 existing cleanouts, new curb ramps, sidewalks, curb & gutters, landscaping, fences, and the restoration of impacted streets.

**Client:** El Cajon Grading & Engineering  
**Project Owner:** City of San Diego  
**Owner’s Project Manager:** Jericho Gallardo  
**Phone Number:** 619-533-7523

**Type of Client:** Public  
**Design Fee:** \$233,089  
**Total Construction Cost:** \$2,662,001

## Sewer and Water Group Job 814, San Diego, California

The City of San Diego awarded the design and construction of the Sewer and Water Group Job 814 project to the design-build team of DEA and El Cajon Grading & Engineering under the MACC program. The project involved replacing aging pipe with new potable water and sewer mains in Pacific Beach. A total of approximately 17,500 LF of replace-in-place potable water pipes and sewers were replaced. This project included 44 replumbs to existing residences, abandonment of 1,658 LF of existing sewer mains, traffic control, pavement resurfacing, AC overlay, and archeology and paleontology mitigation.

**Client:** El Cajon Grading & Engineering  
**Project Owner:** City of San Diego  
**Owner’s Project Manager:** Jericho Gallardo  
**Phone Number:** 619-533-7523

**Type of Client:** Public  
**Design Fee:** \$415,300  
**Total Construction Cost:** \$6,650,940

**Design-Build experience with wastewater projects (treatment plants, pump stations, etc.); number or facilities designed and built pursuant to a Design-Build contract; record of timely completion.**

Shimmick has a long and successful record working on design-build projects in California. Shimmick has worked on a total of 15 design build projects (on-going and completed), five of which are located here in Southern California.

<b>Gerald Desmond Bridge Replacement</b>	\$788,000,000	On-Going
<b>MTA East Side Light Rail</b>	\$629,000,000	Completed
<b>San Fernando Valley Bus Rapid Transit Project</b>	\$174,701,000	Completed
<b>Haster Retarding Basin, Pump Station &amp; Recreation Field</b>	\$ 26,356,268	Completed
<b>OCPC Irvine Campus Phase 1</b>	\$ 20,000,000	Completed

To date, Shimmick has completed all design-build projects in a timely manner.

In addition to our design-build experience, Shimmick has extensive experience working on treatment plants and pump stations. Below is a list of some of our completed and on-going projects.

<b>Robert A. Skinner Water Treatment Plant</b>	\$205,972,000	Completed
<b>Robert B. Diemer Water Treatment Plant</b>	\$193,500,000	Completed
<b>Miramar Clearwell Improvements</b>	\$89,915,000	On-Going
<b>Sunol Valley Water Treatment Plant</b>	\$83,102,000	Completed
<b>City of Soledad Wastewater Treatment Plant</b>	\$49,553,000	Completed
<b>P2-92 Sludge Dewatering &amp; Odor Control at Plant 2</b>	\$49,850,000	On-Going
<b>OCSD – Plant No. 2 Primary Sludge Feed and Primary Treatment</b>	\$38,134,000	Completed
<b>Bryte Bend Water Treatment Plant Expansion</b>	\$30,487,000	Completed
<b>Hetch Hetchy Water Treatment Project</b>	\$14,575,000	Completed

As noted above, Shimmick is currently the Prime Contractor for the Miramar Clearwell Improvements project with the City of San Diego. The projects includes the replacement of Clearwells 1 and 2, which would add 6 million gallons of capacity at the facility that serves the water needs for most areas of the city north of Interstate 8. In addition, Shimmick is responsible for constructing a new chlorine contact chamber with adjoining lift station, an operation and maintenance building, a new security guard shack with surveillance equipment and fences, a pump station electrical building, a pre-fabricated storage building, miscellaneous vaults and structures, and the installation of a 1 megawatt solar power system. Project began summer of 2016 and is expected to wrap in around the summer of 2020.

## **Section 4**

# **Proposed Method to Accomplish Work**



## Section 4. Proposed Method to Accomplish the Work

### System for coordinating work among subcontractors and equipment manufacturers

All projects are broken into tasks on the project schedule with the responsible party identified. Scheduled tasks include work to be done by Shimmick & DEA and all subcontractors and long lead manufacturers as well. Any material requiring a submittal will have submittal time designated in the schedule.

Prior to the issuance of the Construction NTP, Shimmick project management meets with in-house project superintendents, and foreman to finalize a work plan for the project. Notification and coordination with City forces for shutdowns is reviewed. Timing of material deliveries and scheduling time frames for subcontractors is mapped out. Communication with subcontractors of expected time frames for their work begins and they are kept up-to-date as necessary on any schedule changes.

Typically, items needed early in the project that require a City approved submittal will be submitted and approved prior to the construction NTP. By the time City project management schedules a preconstruction conference, Shimmick will have material on hand and a work plan in place to ensure the construction portion of the project gets off to a good start.

Once the work begins, regular schedule updates from information gathered from our field personnel are incorporated into the schedule by the project manager. This information is shared with all team members to keep the project on track.

### Design Builders technical and management approach to the design, construction, and start-up of projects

An assessment of the RFP and the Bridging Documents are done to determine the project requirements, and expectations of the client. The various project tasks, moratoriums, regulatory requirements, phasing requirements, working hours and traffic constraints are a few of the items discussed and scheduled. Communication between Shimmick Project Management and DEA remains continuous throughout the design phase. This ensures the design team is always working on a constructible project. Any long lead items incorporated into the design are brought to the attention of the Shimmick Project Manager and these items are added into the schedule.

Project goals are set at the beginning of each project and a project specific plan is mapped out to achieve those goals. The design team at DEA will assign the proper professionals to perform the needed design tasks. Shimmick will assemble the needed work force to complete construction tasks. Subcontractors to be utilized are kept informed of project scheduling to ensure they are ready when needed. Our project manager, superintendent, and lead foreman all have over 10 to 30 years of experience in the industry.

Start-up of water pipeline projects is usually done in phases. As each phase of a project is completed, tested and accepted by the owner, connections to the existing system are made, the project phase is finish paved and striping is replaced. Start-up of pressure reducing stations is coordinated with Water Operations to ensure proper operation of the system, and that any pressure reducing station being abandoned is not taken out of service until it is no longer needed.

## Statement of Qualifications

### Lines of communication to maintain design and construction schedules

All written correspondence to or from Shimmick is tracked by the Project Manager, **Tomonori Kamimura**. All written correspondence to or from DEA is tracked by the Design Manager, **Eric Magee**. All correspondence from the City regarding the project should go through **Tomonori Kamimura** or he should be copied to ensure all correspondence is tracked and issues are addressed in a timely manner.

Shimmick's Project Manager and DEA's Design Manager communicate on a regular basis to ensure design is proceeding as expected. All Project requirements are roughed out during the proposal phase and are reviewed after project award. A consensus is reached to implement a project that conforms to the RFP and meets the City's requirements and expectations.

On large projects, the design is sometimes broken down into phases to correspond with construction phases that would be constructed early in the project. Potholing to verify utility locations is done in order of the phasing so that this information can be relayed to the design team for inclusion in the 60% submittal drawings. Utility companies will also be notified of any conflicts found to start the relocation process if necessary.

The Design team consisting of designers and drafting personnel report their progress to **Eric Magee** and contact him with any questions regarding project design. Eric will in turn contact **Tomonori Kamimura** with progress reports and for any clarification needed to continue the design.

Construction progress is monitored by construction foreman reporting on a daily basis to the construction superintendent, **Joe Pacheco**. **Joe Pacheco** reports this information to **Tomonori Kamimura**, Project Manager, on at least a weekly basis to keep the schedule up-

to-date. Reporting is on a daily basis if there are special concerns.

During Construction, bi-weekly meetings are usually held between Shimmick/DEA and City Project Management and the resident engineer (RE) to discuss project progress and coordinate any City forces work coming up in the next two weeks. Open lines of communication with City project management and Project RE's are critical for a smooth running project. Shimmick strives to keep communication productive and embraces the team concept of project delivery.

### Design-Builders QA/QC Plan specifically developed for the MACC contract

The Shimmick/DEA Team is committed to providing high quality projects to the City of San Diego. We have extensive experience with the City's Design Standards, Standard Drawings, Whitebook, and the Greenbook, as well as requirements from the Division of Drinking Water and other local codes and ordinances. Shimmick has assigned **Piyush Mehta**, as the QA/QC Manager for MACC projects.

During design of the project drawings, specifications and calculations are subjected to the rigorous DEA QA/QC Program, as detailed in the paragraph below. These design documents are then reviewed by Shimmick's QA/QC Manager, **Piyush Mehta**, and the Project Manager, **Tomonori Kamimura** with corrections made by DEA. This process is repeated for each resubmittal. A Comments Review Form accompanies each resubmittal and responds to each City comment.

During the design phase, Our Design Project Manager, **Eric Magee**, will work with **Gavin Powell** who will be responsible for quality control and for performing concept and interdisciplinary coordination reviews. DEA has a time tested and proven Quality Management Policy (QMP) that is used for every project and will assist us in providing

## Statement of Qualifications

quality designs for the City. There are eight standard review steps that can be specified in the Project Quality Plan for any given QA Milestone Review. Each procedure is described briefly below:

- **Project Concept Review.** Reviews the basic concepts for feasibility and conformance to the project criteria. Evaluates engineering decisions based on cost, constructability, and risk management.
- **Discipline Review.** Verifies the work for each of the technical disciplines including sub-consultants. Each subconsultant discipline has a checklist to review each submittal to ensure technical accuracy and no conflicts with the civil design and other disciplines.
- **Graphics/CAD Standard Review.** Verifies that drawings meet graphic and/or CAD standards based on City guidelines for professional consulting services for each project including color, weight, level style, and level.
- **Project Manager Review.** Confirms that project deliverables conform to the scope of work and that documents supplied by others (i.e., client, subconsultants, etc) are properly incorporated.
- **Client Comment Review.** Assures that client comments have been addressed. We will either use our standard comment response or one provided by the City.
- **Coordination Review Meeting.** Coordinate all work of the disciplines.
- **QA/QC Review.** Independent review to verify the accuracy, completeness, and coordination of drawings, specifications, and cost estimates for all design disciplines.

Each standard review procedure has a uniform method for checking documents. This improves efficiency and effectiveness of

communication. DEA will also incorporate any desired checklist into its own QA/QC plan to ensure conformance to City standards. In addition, each review procedure has standard documentation to keep record of activities completed during each standard review procedure.

During construction, **Piyush Mehta** ensures proper construction techniques, materials and equipment are used to produce a project that conforms to the plans, specifications, and meets the City's requirements. All pipeline materials used are selected from the City's Approved Material List whenever possible. Any materials not on the list necessary for a project are selected for high quality and submitted to the City for approval. Material deliveries are checked for damage, correct part numbers, sizes, and manufacture date, to ensure they comply with all contract requirements.

Pipeline materials are inspected again as they are loaded onto trucks for delivery to the job site. Final inspections for proper fit, function, and cleanliness are done when the products are installed. Any pipe containing foreign material or found to be defective is set aside for cleaning or replacement as required. Our field crews are highly experienced and trained to install materials per City and manufacturers' requirements. Trenches are compacted with proven techniques that ensure that not only are minimum requirements are met, long-term settlement is avoided, and buried pipes and appurtenances are not damaged. On sewer and storm drain projects, grade control for trench excavation and pipe installation is accomplished with lasers to ensure consistent, accurate grade and alignment. Paving operations are monitored for proper materials usage, paving thickness, compaction of asphalt, and proper surface finish.

# Statement of Qualifications

## Community Outreach and Public Relations Program

The Shimmick/DEA Team will provide the necessary public information and outreach program for MACC projects and will have a Public Information Officer (PIO) who will serve as the community liaison. The Whitebook requirements, section 7-16 Community Liaison, will be implemented for the public information and outreach program.

The Shimmick/DEA Team has identified Vic Salazar Communications (VSC) as the full-time public information liaison for the contract. For every task order project, VSC shall prepare a complete Community Relations Plan. The plan will be developed in coordination with the City and presented to the City for review within 30 working days of notice to proceed. If modifications are required, the City will notify and advise VSC. The Community Relations Plan will specifically identify the lines of communication with the Shimmick/DEA team, between the Shimmick/DEA team and the City and, between VSC and the City. The Shimmick/DEA team will be responsible for ensuring that the information to be provided to the public is consistent, updated and accurate.

- **Method for conveying Project information to the public.** VSC will use the City’s Capital Improvement Project’s website for providing background information about MACC projects and project updates. In addition, VSC will provide updates about projects and notices of upcoming meetings for inclusion each City Council District’s monthly newsletters. VSC will also work with Shimmick to post construction signs notifying the public at least 5 working days prior to closing/detouring traffic on streets impacted by the work.
- **Method for construction notification in advance of the start of work.** Following the City’s Standards, VSC will

distribute door hanger notices to impacted stakeholders at least five days before the start of construction.

- **Attendance and presentation of Project update before and during construction at community and stakeholder meetings.** Presentation materials will be prepared in coordination with the City. When a Notice to Proceed is issued, Vic Salazar Communications will work with the Shimmick/DEA team to cooperatively integrate the needs of the community into the design of the project.
- **Develop written list of follow-up information requested from the community.** VSC will develop the written list of follow-up information requested from the community and share this information with the Project Team.
- **Respond to telephone calls and emails.** All public contacts will be documented on the City’s electronic tracking form, SD Shares, and will be distributed on a bi-weekly basis to the Project team in a spreadsheet file.
- **Email record of call information to the Design-Build/Project Team.**
- **Project webpage updates.** VSC will create and maintain an online Project webpage and newsletters through cooperation with the City’s PIO. A Project web page will be updated depending on the sensitivity of the construction project.
- **Communications materials.** VSC will write, edit, update and/or produce brochures, pamphlets and news releases and submit materials for review and approval by the City’s PIO.
- **Meetings.** VSC will attend progress meetings for each MACC Project and provide the Project team status of community liaison activities.

## **Section 5**

# **Knowledge and Understanding of Local Environment**

## Section 5. Knowledge and Understanding of Local “Environment”

### Knowledge of the City

The Shimmick/DEA Team have both respectively worked in the City and within the County of San Diego. Shimmick is currently working on the Miramar Clearwell Improvements project for the City of San Diego at the Miramar Water Treatment Plant. In addition to the Miramar project, Shimmick is also currently working on a project at Naval Base Point Loma for the Department of the Navy and has also completed a project for SANDAG (San Diego Associated Governments). DEA is an established firm in San Diego and has successfully completed multiple projects for the City, including three MACC Task Orders for the 2013 MACC.

The Team’s combined and individual experience has established solid working relationships with City staff in the Public Works Department.

### Local Team & Proximity to the City

The Shimmick/DEA Team has been serving the City of San Diego for the past 20 years. Our team is comprised of local San Diego County residents. Many of our team members have grown up in the San Diego area. Our combined design and construction experience has been largely developed on projects within our local community. The depth of our Team’s experience and local knowledge will enable us to identify design and construction approaches specific to the San Diego area.

Shimmick has a local office in Miramar, California, only 16 miles from downtown San Diego. DEA’s local office is located at 600 B Street, in downtown San Diego. We are a few blocks from the Public Works Department. The Shimmick/DEA Team is available on short notice for face-to-face meetings and our conference room is available for stakeholder meetings as needed.

### City Regulations, Design Criteria and Policies

As noted above, Shimmick is currently working on a project for the City of San Diego and has experience working with City standards, regulations, design criteria, and policies. Our project team is well acquainted with the City of San Diego’s test lab and surveying procedures along with the importance of water conservation.

DEA has designed more than 50 miles of water, sewer, and storm drain pipelines. Our design team has an excellent understanding of the City’s infrastructure, the City’s Drainage Design Manual, Design Guidelines and Standards, Whitebook, Standard Drawings and Approved Materials List. Our extensive work for the City has led to a keen understanding of MACC procedures and solid working relationships with many City departments. DEA has experience in performing capacity studies for City of San Diego approval for sewer and storm drain design. The DEA design engineers use Microstation and Inroads to develop plans for MACC projects in strict conformance with City standards.

### Local Agencies

The Shimmick/DEA Team has experience working with all of the local agencies which may be involved on potential water, sewer or storm drain improvement projects issued under this contract. Additional coordination and permits may be required with **Caltrans, the California Coastal Commission, Regional Water Quality Control Board, California State Parks, neighboring communities, and San Diego County.**

Along with the typical agencies involved with MACC projects, there are often unique circumstances which require coordination with other agencies. DEA has recently

## Statement of Qualifications

obtained encroachment permits for proposed improvements with California State Parks Department, City of National City, City of Chula Vista, City of Del Mar, and the City of Escondido. Knowing and working with these various agencies regularly will ensure all of the required approvals and permits are obtained quickly.

Encroachment permits are often required by Caltrans when proposed improvements, including temporary traffic control devices, fall within their right-of-way. DEA has obtained dozens of encroachment permits from Caltrans for street improvements within, under, and over Caltrans' right-of-way. For the Otay Mesa Storm Drain Upgrade project, DEA successfully coordinated a Caltrans encroachment permit. DEA's recent work with Caltrans will ensure a simple and streamlined process for obtaining the required permits and approvals from Caltrans.

The locations of the projects potentially issued under this contract will vary throughout the City. Projects which fall within coastal zone will require coordination with the California Coastal Commission. While working on Water Group Job 3012, DEA successfully coordinated and obtained a coastal development permit waiver. This waiver granted the project an exemption from the standard development restrictions and allowed the project to move forward without delay and without incurring additional costs. DEA has also recently coordinated with the California Coastal Commission to obtain several more exemptions and one development permit for various projects located within coastal zones.

Every project within San Diego County which disturbs more than 1 acre of land will require a Storm Water Pollution Prevention Plan (SWPPP). This plan is prepared and submitted to the Regional Water Quality Control Board. Within the last two years, DEA has prepared and submitted five (5) SWPPP's. Based on the size of the typical group jobs, it is anticipated

that many projects will require a SWPPP. With water quality regulations continually changing, it is invaluable to have recent experience preparing these reports.

The Team recently worked with the California State Water Resources Control Board's Division of Drinking Water to obtain a Separation Waiver. This Waiver was required for the Otay 1st/University Heights Project in areas where the new water main is closer than ten feet clear from existing sewers. Our mitigation approach of using thicker wall PVC pipe in these areas proved acceptable to the Division of Drinking Water and yielded a cost effective solution for the City.

### Traffic Control

We are familiar with local traffic patterns and follow our general approach to maintain the simplest and most flexible traffic control plans that provide safety for the community and the contractor. The summer beach traffic, downtown traffic with special events at the convention center or regular games scheduled at Petco Park, holiday shopping at our malls and activities at local schools and universities all affect our traffic. Simple and flexible plans in these areas allow scheduling work to avoid these times.

DEA has prepared engineered traffic control plans under an on-call traffic control design services contract for the City of San Diego Water and Wastewater Facilities Division and our staff is very familiar with the City's traffic control preferences. Additionally, we have worked with **RCE Traffic Engineering**, a traffic and transportation engineering firm, and anticipate the continued partnership for engineering support. RCE is proficient in the preparation of traffic control plans and traffic signal plans. RCE is a certified SLBE and would provide additional local knowledge to our team.

**Phasing.** We understand the City's three-year moratorium policy for work within new

## Statement of Qualifications

roadways may apply to some task orders and may affect the phasing limits and timing for future construction.

### ADA Compliance

As part of the Water Group 3012, Water and Sewer Group 814, and Otay 1st Pipeline Design Build Projects, we have worked with City staff from Engineering and Capital Projects Department’s CIP Access Law Compliance Officer for the design of ADA compliant curb ramps in existing curb returns. We understand the field engineering process that is used to “best fit” existing conditions. The Shimmick/DEA Team anticipates the use of **Force 77 Engineering and Consulting, Inc. (Force 77)** for curb ramp designs and engineering support. Force 77 is a DVBE and certified by the Department of Veteran Affairs and State of California Department of General Services.

### Environmental

The Shimmick/DEA Team are familiar with working in environmentally sensitive areas and mitigating construction impacts. We have used temporary sound barriers to protect sensitive areas and residences from the noise associated with construction. We have used trenchless technologies to avoid contact with sensitive species and hazardous materials or to maintain traffic, such as Harbor Drive for the trunk sewer in downtown San Diego. Sewer main reconstruction may impact sensitive canyons where trenchless technologies and moratoriums may be used to minimize impacts. We have prepared and processed mitigated negative declarations in accordance with CEQA in house specialists, including DEA’s **Casey Storey**, and we have worked with local consultants with current experience with City and Resource agency processes.

### Geotechnical

The Shimmick/DEA Team has experience working with geotechnical formations found within the City of San Diego, including Friars Formation, Bay Point Formations and ground water conditions. We understand the importance of defining existing faulting, as exists in the downtown area. We have experience excavating and shoring in fill and undocumented fill areas. To assist in further geotechnical field investigations, we anticipate utilizing the services of **SCST, Inc.**, an SLBE/DVBE, who has over 58 years of geotechnical experience that encompasses large and small projects throughout San Diego. SCST has provided geotechnical engineering services directly to the City of San Diego from 2008-2013.

Shimmick holds a Hazardous Materials Contractors license and is well informed on the handling of hazardous substances that may be found in our trenches. If needed, we can add to the team a subcontractor to protect Archaeological and Paleontological resources and Biological Monitoring. Shimmick acknowledges the importance of keeping construction run off and other pollutants out of the storm drains to keep our beaches clean and safe.

### Community Outreach

The Shimmick/DEA team will work with local businesses and residents on every pipeline project. We’ve learned over the years that early coordination gains community buy-in and cooperation throughout the life of the project. By bringing the stakeholders on the team early we are able to work through concerns as they arise more effectively and timely. During the course of our projects, we use door hanger notices as well as mailed notices to keep the public informed of the project’s impacts to the community.

As noted in Section 4, we will be using VSC as the full-time public information liaison for the design-build team.



## **Section 6**

# **Project Organization and Key Personnel**

## Section 6. Project Organization and Key Personnel

Shimmick has organized an experienced group of individuals with City and MACC experience to assist the City in delivering well-designed and constructed water, wastewater, sewer and storm water pipeline projects. Our objectives in achieving this goal include: staff availability and commitment of resources; proven project management; and the designation of experienced team members to lead the various technical elements required for the successful completion of the task order projects.



**CITY OF SAN DIEGO**  
Public Works Department  
MACC FOR WATER, WASTEWATER, AND  
STORMWATER PIPELINE PROJECTS

**Project Executive**  
Matthew Kuzmick  
Shimmick

**Project Manager**  
Tomonori Kamimura, PE  
Shimmick

**Design Manager**  
Eric Magee, PE  
DEA

**QA/QC Manager**  
Piyush Mehta  
Shimmick

**DESIGN TEAM (DEA)**

**CONSTRUCTION TEAM (SHIMMICK)**

**Lead Designer**  
Dave Stuetzel, PE

**Design Engineers**  
Mark Oskorus, PE  
Aaron Cook, PE  
Ariam Veira, EIT  
Ryan Williams, EIT  
Michael Becerra, EIT

**QA/QC Manager**  
Gavin Powell, PE, LEED AP

**Environmental**  
Casey Storey

**Survey Manager**  
Bob Vasquez, PLS

**CAD Manager**  
John Volk

**Safety Manager**  
Joe Ontiveros

**Construction Superintendent**  
Joe Pacheco

**Construction Foreman**  
Mario Romo

**EEO Officer**  
Wendy Bonnell

**DESIGN SUBCONSULTANTS\***

**ADA Compliance**  
Force 77 Engineering  
and Consulting, Inc  
(SLBE/DVBE)

**Geotechnical**  
SCST, Inc. (SLBE/  
DVBE)

**Traffic Engineering**  
RCE Traffic Engineering  
(SLBE)

**Water Pollution Control  
Plan**  
McGrath Consulting,  
Inc. (ELBE)

**CONSTRUCTION SUBCONTRACTORS\***

**Community Liaison**  
Vic Salazar Communications (ELBE)

**Stormwater**  
McGrath Consulting, Inc. (ELBE)

\* Additional subcontractors and subconsultants will be brought onto the team to provide services as needed. The selection of all team members will comply with Shimmick's EEO policies and procedures.

## Statement of Qualifications

### Experience and strength of key proposed personnel (including subcontractors)

The Shimmick/DEA Team has been put together to provide maximum benefit and value to the City. The support staff and subconsultants under the leadership group are available for your projects because of their vast experience with design-build projects, City experience, and overall expertise in design and construction of potable water transmission and distribution mains, sewers, force mains, recycled water systems and storm drains. Below are the biographies of Key Personnel identified for this contract:

#### Key Personnel Biographies

##### **Matthew Kuzmick | Shimmick | Project Executive**

Matthew Kuzmick has over 20 years of experience on heavy civil construction work, primarily on major transportation and infrastructure project, specifically roadway/highway, railroad, bridges, and water and waste water treatment plants throughout Southern California.

##### **Tomonori Kamimura | Shimmick | Project Manager**

Tomonori Kamimura has over 10 years of construction experience, primarily in water resources, water treatment and wastewater treatment projects throughout Southern California. Tomonori has extensive experience working in San Diego, primarily for the Department of the Navy and the City of San Diego. As a result, Tomonori has built great relationships with local subcontractors, vendors and supplies as well as a great understanding of the local environment.

##### **Piyush Mehta | Shimmick | QA/QC Manager**

Piyush Mehta has over 30 years of construction engineering experience with an emphasis in quality management. Mr. Mehta has been responsible for the development, implementation, and management of

numerous project quality management plans and programs throughout his career. This experience includes overseeing the quality assurance processes and procedures and quality control (inspection and testing) for both design-build and bid-build projects.

##### **Joe Pacheco | Shimmick | Construction Superintendent**

Over 28 years of experience in the Heavy and Civil Engineering Construction, specifically large public works projects including Dams / Water Treatment Plants and Public Transportation Projects with an emphasis on project oversight of all phases of construction with direct responsibility including contract compliance with project specifications.

##### **Mario Romo | Shimmick | Construction Foreman**

Mr. Romo has over 15 years of experience in heavy civil construction work, primarily in water, sewer and storm drain projects. He is currently working on the Miramar Clearwell Improvement Project with the City of San Diego. Mr. Romo is a resident of San Diego County and is very familiar with the local environment.

##### **Joe Ontiveros | Shimmick | Safety Manager**

Mr. Ontiveros has more than 30 years of experience in the construction industry, the past 15 of which has been as a Project Safety Manager on large infrastructure projects. These projects include highways, roadways, bridges, dams, demolition and water treatment facilities valued at more than \$680 million without a serious life threatening injury. Joe is certified to and weekly conducts relevant training classes. In addition to his on the job experience, Mr. Ontiveros has extensive coursework in this area. In 2010, his outstanding efforts resulted in "0" recordable incident at Robert B. Diemer Water Treatment project.

## Statement of Qualifications

### **Wendy Bonnell | Shimmick | EEO Officers**

Wendy has been working for Shimmick Construction for the past 25 years. As well as being the Payroll Manager of Shimmick Construction, she is the company EEO officer. She is responsible for keeping up to date on any recent changes to laws related to company EEO policies, ensuring any complaints are properly dealt with, and EEO reports are filed in a timely manner.

### **Eric Magee | DEA | Design Manager**

Mr. Magee has 20 years of water and wastewater infrastructure design experience in private, municipal and federal applications. His proficiency and capability includes design build delivery, project management, design development, planning, construction services and coordination of multi-disciplinary projects from design phase through construction. His expertise is in water/recycled water conveyance, storage solutions and wastewater infrastructure. He is an active member of the American Water Works Association (AWWA), California Water Environment Federation (CWEA), American Society of Civil Engineers and serves on two standards committees. He is also certified as a Pipeline/Manhole/Lateral Assessment Certification Program (PACP/MACP/LACP) by National Association of Sewer Service Companies.

### **Gavin Powell | DEA | Design QA/QC**

Mr. Powell has over 15 years of extensive management and hands-on civil engineering experience. He provides oversight for a variety of services that include the development of sewer, water, storm drain, signing and striping, and street improvement plans. He has been instrumental in determining quantity and cost estimates as well as special provisions and technical specifications as part of the bid documents. Mr. Powell is responsible for leading computer aided drafting teams and is familiar with AutoCAD, Land Desktop, Civil 3D, and a variety of design programs including H20net, SewerCAD, FlowMaster, PondPack,

Bonadiman Civil Design software(s), and a variety of other Hydrology/Hydraulic design softwares. He works closely with water quality experts to ensure proper mitigation measures and BMP's are implemented in the design of a project. Mr. Powell also supports water quality team in preparing the necessary calculations and exhibits for inclusion with WQMP's, SWPPP's, and other related documentation.

### **Dave Stuetzel | DEA | Lead Designer**

Mr. Stuetzel has 32 years of experience managing and designing public works infrastructure rehabilitation and new construction contracts. He has strong technical skills in the design of public works improvements and has excellent communication and inter-relational skills with clients, public agencies, utility companies, and subconsultants. Mr. Stuetzel possesses a key understanding of the project development process and issues required to work within the schedule, budgets, and scope of the project to meet and satisfy the needs of the client. Most importantly, Mr. Stuetzel has experience working with City of San Diego standards.

### **Vic Salazar | Vic Salazar Communications | Community Liaison**

Vic Salazar Communications (VSC) is the leading local PR firm for providing Community Relations and Public Outreach for engineering and capital projects in San Diego County. Mr. Salazar identifies stakeholders, organizes and facilitates community meetings, emails notifications to stakeholders, performs project-specific webpage maintenance, handles public inquiries, documents public interaction, develop collateral material, and produces reports on outreach activity. He has worked on multiple MACC task orders with DEA and on other MACC delivery teams.

### **Resumes**

Resumes for the Key Personnel identified above are included as **Appendix B**.

Overall Experience of Key Personnel

	<i>Years of Experience</i>	Potable Water Mains	Sewers and Force Mains	Storm Drains	Recycled Water Systems	ADA Curb Ramp Modifications	Pressure Reducing Stations	Trenchless Construction	Pavement Restoration	Outside Agency Permitting	Microstation per City Stds.
<b>Construction Staff</b>											
Matthew Kuzmick*	20	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Tomonori Kamimura, PE*	10	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Piyush Mehta*	30	◆	◆	◆	◆	◆	◆	◆	◆	◆	
Joe Pacheco*	28	◆	◆	◆					◆	◆	
Mario Romo*	15	◆	◆	◆							
Joe Ontiveros*	30	◆	◆	◆	◆	◆		◆	◆	◆	
<b>Design Staff</b>											
Eric Magee, PE*	20	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Gavin Powell, PE*	17	◆	◆	◆					◆	◆	◆
David Stuetzel, PE*	30	◆	◆	◆	◆		◆	◆	◆	◆	◆
Mark Oskorus, PE, QSP	22	◆	◆		◆	◆	◆	◆	◆	◆	
Aaron Cook, PE	10	◆	◆	◆	◆		◆	◆	◆	◆	
Michael Becerra, EIT	3	◆	◆	◆						◆	◆
Tyler Pham, PE	21	◆	◆		◆				◆	◆	
Ariam Veira	3	◆		◆					◆	◆	◆
Ryan Williams	3	◆	◆	◆	◆						◆

\*Resumes included in Appendix B.

**Use of Local Firms**

Shimmick is committed to using local firms to ensure a strong understanding of local laws, ordinances, regulations, policies, requirements and permitting. DEA, our design partner, has an office in downtown San Diego and many staff members with San Diego experience in their other regional offices. The Shimmick/DEA team has an excellent understanding of local laws, ordinances, regulations, polices, requirements, permitting, and community concerns.

The Shimmick /DEA Team has selected a few other local firms to be a part of our team for tasks that are a part of all projects: Force 77, an SLBE/ELBE and DVBE, will be used for ADA design support; RCE, an SLBE/ELBE for traffic control engineering; McGrath Consulting, an SLBE/ELBE will be used of SWPPP/WPCP, work as required in various projects, and SCST, and SLBE/ELBE/DVBE, will be used for geotechnical. These firms have extensive knowledge and

## Statement of Qualifications

experience working in the City of San Diego. VSC, an SLBE/ELBE, has been selected as our Community Liaison. Vic has worked with us on past design-build projects and has done an excellent job communicating with the various communities we have worked in.

Other local subcontractors will be added as needed for the various projects to be a part of this MACC. The City has compiled an extensive list of qualified SLBE/ELBE firms that we routinely use to find local subcontractors. For example, we issue subcontracts for AC paving and pavement striping to SLBE/ELBE firms on a regular basis.

### Level of Commitment

The table below demonstrates the level of commitment of key personnel for the contract duration. The resumes of key personnel are included in **Appendix B**. The Shimmick/DEA Team understands that no changes in team composition will be allowed without prior written approval of the City.

Key Personnel	Role	Availability
Matthew Kuzmick	Project Executive	20%
Piyush Mehta	QA/QC Manager	70%
Tomonori Kamimura	Project Manager	70%
Mario Romo	Construction Foreman	90%
Joe Pacheco	Construction Superintendent	50%
Joe Ontiveros	Safety Manager	90%
Wendy Bonnell	EEO Officer	10%
Eric Magee	Design Manager	60%
Gavin Powell	Design QA/QC	30%
Dave Stuetzel	Lead Designers	50%
Vic Salazar	Public Outreach	70%

### Acknowledgment regarding team composition

Shimmick and DEA are committed to forming a Team that will remain in place for the duration of this contract. Team members will not be substituted without prior approval from the City.

### Describe Design-Builder's capacity to perform the work within the time limitations, considering and identifying Design-Builder's current and planned workload and Design-Builder's workforce.

Shimmick's past experience, in-house expertise and Shimmick's approach to alternative delivery management will make certain that we are able to deliver the work within strict cost, schedule and quality guidelines determined by the City of San Diego. Shimmick's success in California has allowed it to financially support and provide bonding for projects similar to the size and scope of this contract.

## **Section 7**

# **Equal Employment and Contracting Information**

## Section 7. Equal Employment and Contracting Opportunity

### 7.1. Work Force Report

Shimmick has included a completed Work Force Report for its employees located within San Diego County as **Appendix A**.

### 7.2. Equal Opportunity Assurances

Shimmick’s EEO Officer Wendy Bonnell is responsible for maintaining records in regards to employment opportunities and will ensure that all candidates are given fair and equal opportunities. It is Shimmick’s policy to recruit, hire, train and promote a diverse workforce and therefore discrimination against any employee or applicant is not tolerated. It is also our policy to take affirmative action to employ and to advance in employment, all persons regardless of their status as individuals with disabilities or protected veterans, and to base all employment decisions only on valid job requirements. This policy shall apply to all employment actions, including but not limited to recruitment, hiring, upgrading, promotion, transfer, demotion, layoff, recall, termination, rates of pay or other forms of compensation and selection for training, including apprenticeship, at all levels of employment.

#### Strategies to recruit, hire, train and promote a diverse workforce

Shimmick is a union contractor and plans to fully utilize the diverse work force provided under our union contracts. In accordance with our EEO plan, any actions from the unions that would prevent Shimmick from meeting its obligations will be reported to the City’s EEO Program Director.

As part of our hiring and recruitment program, Shimmick participates in recruiting fairs at San Diego State University (SDSU) and University of California, San Diego (UCSD) at least twice a years. As a result, we have consistently hired interns and full-time employees from both those universities to join our team.

Additionally, Shimmick is committed to utilizing the City’s SLBE/ELBE list to further offer opportunities to Small, Local, and Emerging businesses.

### Community Activities

Shimmick’s project manager **Tomonori Kamimura** and **Mario Romo** are residents of San Diego County and are invested in improving the communities where they live. Shimmick is an active member of the AGC San Diego chapter. Additionally, **Eric Magee**, DEA’s Design Manager, resides in San Diego and is an active member of multiple local organizations and associations, including AWWA CA/NV Section and CWEA.

### 7.3. Subcontractor Documentation

7.3.1. Shimmick has included Subcontractor Documentation as required as an attachment to the SOQ.

7.3.2 Past Participation Levels - Shimmick is providing Form AA50 as part of this SOQ listing of Shimmick’s Subcontractor (including constructors and design professionals) and Supplier past participation levels on each project listed in response to Section 5.0, Experience & Technical Competence of this RFQ.

### 7.4. Non-Discrimination in Contracting

7.4.1 Upon the City’s request, Shimmick agrees to provide to the City, within 60 days, a truthful and complete list of the names of all Subcontractors and Suppliers that Design-Builder has used in the past 5 years on any of its contracts that were undertaken within San Diego County, including the total dollar amount paid by Shimmick for each subcontract or supply contract.



## Statement of Qualifications

Shimmick further agrees to fully cooperate in any investigation conducted by the City pursuant to the City’s Nondiscrimination in Contracting Ordinance (Municipal Code Sections 22.3401 - 22.3417). Shimmick understands and agrees that violation of this clause shall be considered a material breach of the Contract and may result in remedies being ordered against Shimmick up to and including contract termination, debarment, and other sanctions for violation of the provisions of the Nondiscrimination in Contracting Ordinance. Shimmick further understands and agrees that the procedures, remedies and sanctions provided for in the Nondiscrimination Ordinance apply only to violations of said Nondiscrimination Ordinance.

### 7.5. Disclosure of Discrimination Complaints

**Date of Claim:** 3/3/16

**Location:** Superior Court of California, County of Los Angeles

**Description:** Shimmick Construction Company, Inc./FCC Construcción S.A./ Impregilo S.p.A, a joint venture (“SFI”) contracted with the Port of Long Beach for the design and construction of the Gerald Desmond Bridge Replacement Project. Plaintiff was employed by SFI. He was injured during the course of his work, and filed for Workers’ Compensation a year after his injury. Plaintiff failed to notify SFI that he had been put on medical leave by his healthcare provider. SFI terminated his employment when he repeatedly failed to come to work. The Plaintiff brought an action alleging, among other things, disability discrimination in violation of the Fair Employment and Housing Act (FEHA) and retaliatory termination in violation of FEHA. Although SFI was the Plaintiff’s employer, he named Shimmick Construction Company, Inc. as a defendant.

**Litigation:** Yes

**Status:** Matter settled for \$83,300

**Resolution/Remedial Action Taken:** This matter was settled on July 29, 2016. Shimmick Construction Company, Inc. and the Joint Venture entity settled without any admission of liability (which was disputed).

**Date of Claim:** 2/28/13

**Location:** Superior Court of California, County of Orange

**Description:** Plaintiff was an employee of Shimmick Construction Company, Inc. (SCCI). He alleged, among other things, wrongful constructive termination in violation of public policy.

**Litigation:** Yes

**Status:** Matter settled for \$82,920

**Resolution/Remedial Action Taken:** This matter was settled on September 19, 2013. Shimmick Construction Company, Inc. settled without any admission of liability (which was disputed).

## **Section 8**

# **Financial Information and Arrangements**

---

## Section 8. Financial Information and Arrangements

---



### Financial Strength of Shimmick

---

Organized under the laws of the State of California, Shimmick is financially stable and has become one of the premier general engineering contractors in the West, thanks to our proven mix of versatility, expertise and passion. With extensive backlog and long-standing relationships with our banking and surety partners, Shimmick has the financial support to successfully bond and complete a contract of this size and nature.

Engineering News-Record has recognized Shimmick as a national leader in Heavy Civil (based on ENR rankings by revenue in the past five years).

- #3 in Dams and Reservoirs
- #4 in Drinking Water Treatment
- #5 in CA Heavy Civil (Hard Bid)
- #7 in Marine and Port Facilities
- #9 in Water Supply
- #9 in Mass Transit
- #12 in Bridges



### Financial Strength of DEA

---

DEA is a corporation organized under the laws of the state of Oregon and is a financially stable firm. DEA has shown steady growth in revenues and staff throughout its history. DEA has grown from a single office to 26 offices located throughout the United States, has become a national leader in sustainable design and management solutions, and has consistently provided its clients with award-winning approaches to transportation, energy, water resources, and land development design, planning, and management. As a result, the firm has consistently ranked among Engineering News Record's Top 100 Pure Design firms in the U.S. and among the leaders in many of its local markets. In 2016, DEA had gross revenues of \$150 million and has a backlog approaching two years. The firm enjoys a stable and long-term relationship with its primary banking partner, Bank of the West including lines of credit and borrowing facilities. DEA has no pending bankruptcies, litigation, planned office closures, nor pending mergers.

## **Section 9**

# **Change Order and Litigation History**

## Section 9. Change Order and Litigation History

### Change Order History

Below please find a table which outlines the projects the Shimmick has completed over the last 3 years; the original contract value of the list projects; the quantity of change orders for each project; and, the percentage of total change order dollar amounts to original contract value for each project. Additionally, provided are non-owner initiated change order activity as a percentage of the total change order activity, and an explanation of change order activity.

Job Name	POLA Berths 142-174 ICTF	J-111 Central General Emissions Control	Traction Power Substations Installation
<b>Original Contract</b>	\$56,425,000 plus \$4,950,000 in allowances for a total of \$61,375,000	\$14,895,000	\$12,946,533
<b>Change Order</b>	\$3,253,691	\$687,440	\$7,353,467
<b>Final Contract</b>	\$59,678,691 (only portion of the allowance was used)	\$15,582,440	\$20,300,000
<b>Number of CO's</b>	35	53	61
<b>Percent CO \$</b>	5.8%	4.6%	36%
<b>Non-Owner initiated CO's as a % of CO's</b>	10%	5%	10%
<b>Reason for COs</b>	Railroad Flagging, Contaminated Materials, Unforeseen Utilities, Partnering, Quality Assurance, Tenant-Requested Changes	Errors and omissions on plans	Flawed drawings, Owner Delays due to Right of Way Acquisitions, Project Enhancements initiated by the Owner, Contract Drawings not reflecting SDGE requirements for site access, unforeseen conditions

# Statement of Qualifications

## Litigation History

Shimmick has had no litigation since our last prequalification clearance from the City nor have we been a party concerning any of the following:

- Civil or criminal violations of the Occupational Safety and Health Act against any member of the Contractor.
- Civil or criminal violations of the Contractors’ State License Law against any member of the Contractor.
- Any conviction of any member of the Contractor of submitting a false or fraudulent claim to a public agency.
- Civil or criminal violations of federal or state law governing the payment of wages, benefits, or personal income tax withholding, or of Federal Insurance Contributions Act (FICA) withholding requirements, state disability insurance withholding, or unemployment insurance payment requirements against any member of the Contractor. Only violations by a Contractor, as an employer shall be deemed applicable, unless it is shown that a member of the Contractor, in his or her capacity as an employer, had knowledge of a subcontractor’s violations or failed to comply with the conditions set forth in §1775(b) of the State Labor Code.
- Civil or criminal violations of federal or state law against any member of the Contractor governing equal opportunity employment, contracting or subcontracting.
- A description of all instances where a surety company finished the work of a member of the Contractor, or made payments to subcontractors or workers on behalf of a member of the Contractor.

# **Appendix A**

# **Work Force Report**



City of San Diego  
 EQUAL OPPORTUNITY CONTRACTING PROGRAM  
 1200 Third Avenue, Suite 200, San Diego, CA 92101  
 (619) 236-6000 FAX: (619) 235-5209

## WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report*.

### CONTRACTOR IDENTIFICATION

Type of Contractor:  Construction     Supplier     Financial Institution     Lessee/Lessor  
 Consultant     Grant Recipient     Insurance Company     Other

Name of Company: Shimmick Construction Company, Inc.

AKA/DBA: Not Applicable

Address (Corporate Headquarters, where applicable): 8201 Edgewater Dr. Suite 202

City Oakland County Alameda State CA Zip 94621

Telephone Number: (510) 777-5000 FAX Number: (510) 777-5099

Name of Company CEO: Paul A. Cocotis

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: 10710 Scripps Lake Drive

City San Diego County San Diego State CA Zip 92131

Telephone Number: (949) 398-6007 FAX Number: (949) 333-1510

Type of Business: Construction Type of License: Class A, B, C10, C13, C51, HAZ

The Company has appointed: Wendy Bonnell

as its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate, and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: 8201 Edgewater Dr. Suite 202, Oakland, CA 94621

Telephone Number: ( 510 ) 777-5000 FAX Number: ( 510 ) 777-5099

For Firms:  San Diego Work Force and/or  Managing Office Work Force

I, the undersigned representative of

Shimmick Construction Company, Inc.

Orange, CA (Firm Name) hereby certify that information provided  
 (County) (State)

herein is true and correct. This document was executed on this day of March 20,

200- 2017

Paul C. Camaur  
 (Authorized Signature) (Print Authorized Signature Name)



**WORK FORCE REPORT - Page 2**

NAME OF FIRM: Shimmick Construction Company, Inc.

DATE: 3/20/17

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Executive, Administrative, Managerial	2	1	5		6						60	3		
Professional Specialty														
Engineers/Architects	3	1	6	1	11	7					91	15		
Technicians and Related Support														
Sales														
Administrative Support/Clerical		2	2	2		4		12			2			
Services														
Precision Production, Craft and Repair														
Machine Operators, Assemblers, Inspectors														
Transportation and Material Moving														
Handlers, Equipment Cleaners, Helpers and Non-construction Laborers*														

\*Construction laborers and other field employees are not to be included on this page

TOTALS EACH COLUMN	5	4	13	3	17	11	0	12	0	0	153	18	0	0
--------------------	---	---	----	---	----	----	---	----	---	---	-----	----	---	---

GRAND TOTAL ALL EMPLOYEES		236												
---------------------------	--	-----	--	--	--	--	--	--	--	--	--	--	--	--

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NON-PROFIT ORGANIZATIONS ONLY:

BOARD OF DIRECTORS														
VOLUNTEERS														
ARTISTS														

**WORK FORCE REPORT - Page 3**

NAME OF FIRM: Shimmick Construction Company, Inc.

DATE: 3/20/17

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Carpenter			41								30			
Drywall Installer					1		1							
Electrician			26								8			
Elevator Installers														
Finishers, Concrete or Terrazzo														
Glaziers														
Helpers, Construction Trade														
Ironworkers, Structural Metal Workers														
Laborers	3		78	2							16	1		
Millwrights														
Masons, Bricklayers														
Tilesetters														
Operators			16								51	2		
Painters														
Pipefitter, Plumbers			1								3			
Plasterers														
Roofers														
Security, Protective Services														
Sheet Metal, Duct Installers														
Welders, Cutters														
TOTALS EACH COLUMN	3	0	162	2	1	0	1	0	0	0	108	3	0	0
GRAND TOTAL ALL EMPLOYEES			280											

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

## **Appendix B**

# **Resumes of Key Personnel**



**MATTHEW KUZMICK  
PROJECT EXECUTIVE**

<b><u>SUMMARY:</u></b>	<b>Matthew Kuzmick has over 23 years of experience on heavy civil construction work, primarily on major transportation and infrastructure project, specifically roadway/highway, railroad, bridges, and water and waste water treatment plants throughout Southern California.</b>
<b><u>EDUCATION</u></b>	<b>B.S. Engineering Technology/Construction Management, California State University Long Beach, 1993</b>
Apr 04 - Present	<b>Shimmick Construction Company, Inc.</b>
Feb 17 – Current	<b>Webcor/Obayashi/Lyles, JV (WOL, JV) / Los Angeles Dept. of Water and Power (LADWP) – Silverlake Reservoir Complex Storage Replacement Phase II – Subcontract for Reservoir and Inlet Vault Concrete/Chemical Mixing/Misc. Metals</b> Project Sponsor – Shimmick has a \$72 million subcontract with WOL, JV who is the Construction Manager at Risk (CMAR) for the Silverlake Reservoir Complex Storage Replacement Phase II project. Project Manager for this \$72 million subcontract with WOL, JV who is the Construction Manager at Risk (CMAR) for the Silverlake Reservoir Complex Storage Replacement Phase II project. The project consists of engineering, excavation, fine grade, reinforcing, concrete placement, hydrostatic testing and chlorination of the reservoir and inlet vault. Installation of 24” diameter floor drain pipe, chemical piping, chemical pumps, mixers, and wash down piping. Project includes concrete produced by an on-site batch plant and thermal controls since the concrete is considered mass concrete.
Jan 14 – April 16	<b>Port of Los Angeles (POLA) - Berth’s 142-147 ICTF Project</b> <b>Project Managing Director</b> - This \$61 million project consists of developing an Intermodal Container Transfer Facility including demolishing existing Pier A rail yard; grading; placing surcharge; constructing new utilities, some with steel casing, including water, sewer, storm drain, electrical, and communications; installing trackwork and special trackwork; installing railway signal equipment; installing train in motion system; installing switches, sliding derails, and bumper posts; installing crane rail foundation and crane rail; installing high mast poles and fire hydrant assemblies; installing optical character recognition (OCR) portal, turnover anchor pit, and compressed air system; constructing secondary gate with truck scales, gate arms, and concrete pedestals; constructing compressor building, guard booth, and scutoms/border protection office building; constructing concrete and asphalt pavement; installing signage, striping, and fencing on K rail.
Apr 12-Present	<b>State of California Department of Transportation (CALTRANS) - Rebuilding the 710 Freeway in Los Angeles</b> <b>Project Managing Director</b> for this \$102 million Caltrans 710 Project which is part of the I-710 Long Life Pavement Rehabilitation Project. The work involves replacing and rehabilitating existing pavement. The project also includes widening the freeway to the median as well as to the shoulders. As a result, there are bridges that will be widened and new retaining walls to be constructed.
Mar 14 - Present	<b>State of California Department of Transportation (CALTRANS) – I-5 HOV Lanes near Dana Point</b> <b>Project Managing Director</b> - This \$35 million project consisted of Demolition, Grading, Storm Drain Work, Tie- back and Soil Nail Installation as well as structural concrete to install 2 HOV lanes for CALTRANS.
Oct 12-Oct 13	<b>County of Los Angeles, Department of Public Works - Kanan Road Tunnel lining Project</b> <b>Project Managing Director</b> for the this \$7.2 million Kanan Road project which provides a connection between Highway 101 and the Pacific Coast Highway from Agoura Hills to Malibu, CA. There are three pairs of tunnels along the route. The existing tunnels are partially lined with a steel liner system consisting of four flange corrugated liner plates between arched I-beams. The project involves installing

MACC WATER, WASTEWATER, AND STORMWATER PIPELINE PROJECTS

RFQ NO. K-17-1518-MAC-3



new steel liner in the Tunnel T2 and T3 tunnel pairs where there is no existing liner to produce fully lined tunnels for greater tunnel stability. The work includes blasting and painting 60,000 square feet of existing tunnel liner, installing 80,000 square feet of waterproofing system on the tunnel ceilings, erecting 1.3 million pounds of steel liner, and placing 4,300 cubic yards of 2,000 psi concrete to fill the space behind the newly erected tunnel liner

- Nov 10 – Oct 12     **Northern Los Angeles/Ventura/Santa Barbara Counties**  
**Area Manager** – Responsible for development of markets in the Ventura, Santa Barbara and northern Los Angeles Counties: Estimating to project management of various heavy civil construction projects within the region.
- Jun 07 – Nov 10     **Los Angeles County Department of Public Works - Big Tujunga Dam Seismic Rehabilitation**  
**Project Managing Director** for a \$94 million dam seismic rehabilitation which consisted of the conversion of thin arch dam to thick arch mass concrete dam. Work includes rock excavation (blasting), consolidation grouting, rock bolts and anchors, mass concrete batching and placement, concrete valve house and structures, demolition and replacement of the control house, and replacement of various valves from 24” to 72”. All work was performed under the inspection of Division of Safety of Dams and the County of Los Angeles.
- Oct 06 - June 07     **Northern Los Angeles/Ventura/Santa Barbara Counties**  
**Area Manager** – Responsible for development of markets in the Ventura, Santa Barbara and northern Los Angeles Counties: Estimating to project management of various heavy civil construction projects within the region.
- Apr 04 – Oct 06     **Los Angeles County Metropolitan Transportation Authority - San Fernando Valley Bus Rapid Transit Project**  
Project Manager for a \$170 million design/build dedicated busway for the Los Angeles County Metropolitan Transportation Authority (Metro). Project work included design and construction of the 13-mile busway and 8-miles of bikepath, including demolition and reconstruction of 35 intersections and 13 at grade stations, and new electrical and communication systems (traffic signals, communication, ATMS, etc.). Oversaw project construction and responsible for contract administration including management of Owner and Subcontractor change orders.



**TOMONORI KAMIMURA, PE  
PROJECT MANAGER**

---

---

**SUMMARY:** Tomonori Kamimura has over 10 years of construction experience, primarily in water resources, water treatment and wastewater treatment projects throughout Southern California.

**CERTIFICATIONS:**  
Registered Professional Engineer, California, Certificate No. 85711  
Bachelor of Science, Civil Engineering, Oregon State University, 2006

**RECOGNITIONS:**  
2010 - FMI Project Manager Academy  
Seminar in project leadership and management principles  
2010 - AGC Project Manager/Leadership  
Seminar in project leadership and management principles  
2014 - Corps of Engineers and NAVFAC Construction Quality Management (CQM) for Contractors-#784

**EXPERIENCE**

- 2006 – Present **Shimmick Construction Company Inc.**
- Jun 16 – Present **City of San Diego – Miramar Clearwells Improvements**  
**Assistance Project Manager** – This \$90 Miramar Clearwells Improvements projects includes multiple scopes of work at the Miramar Water Treatment Plant in San Diego, CA. The replacement of Clearwells 1 and 2 would add 6 million gallons of capacity at the facility that serves the water needs for most areas of the city north of Interstate 8. In addition, we will construct a new chlorine contact chamber with adjoining lift station, an operation and maintenance building, a new security guard shack with surveillance equipment and fences, a pump station electrical building, a pre-fabricated storage building, miscellaneous vaults and structures, and the installation of a 1 megawatt solar power system.
- Jan 15 – Jun 16 **U.S. Department of the Navy - Replace Fuel Pier and Mammal Relocation U.S. Naval Submarine Base Point Loma**  
**Construction Manager/Project Superintendent** – This \$62M project consists of replacing the U.S. Navy’s historic fueling pier 180 located at Naval Base Point Loma, San Diego, which has been servicing the fleet since 1907, with a new double-deck steel pile supported T-shaped fueling pier, located in deeper water outboard of the existing structure. The new facility is expected to be complete and operational by fall of 2017. The initial phase of the project consists of relocating the Government-owned Marine Mammal Program which would otherwise be impacted by the construction operations to a new site, complete with all the required facilities to train and maintain these animals. Major features of work include: demolition and removal of the existing pier structure and related appurtenances, new steel pipe piles, double-deck fueling pier complete with a new fueling system and utilities, an advanced fire suppression system, storm water collection system, and security improvements. The project also includes the construction of mooring dolphins which will extend the berthing length of the pier to 1,124.5 ft. and allow the new pier to support vessels with drafts up to 40 ft. **Responsibilities include:** Manage the safety oversight of the project in accordance with EM385-1-1, manage project schedule, project budget, equipment maintenance, manpower allocation, access assessment and planning of upcoming activities.
- Jul 12 – Dec 13 **Port of Long Beach - Pier A Shore to Ship Power Project**  
**Project Manager** – This \$12M project included upgrading the shore to ship power system at Pier A in the Port of Long Beach. The scope of work: Civil, concrete, electrical power and control/PLC systems (12kV-120kV), mechanical piping work.  
**Port of Long Beach – Pier G Shore to Shower Power Project**  
**Project Manager/QC Manager:** This \$10M project included upgrading the shore to ship power system at Pier A in the Port of Long Beach. The scope of work: Civil, concrete, electrical power and control/PLC systems (12kV-120kV), mechanical piping work.

**Responsibilities include:** Oversight of safety, operation, personnel, subcontractors, project budget and schedule. Quality Control Management for all project related work, including but not limited to submittal reviews, concrete pour signoffs, rebar, survey, system commissioning and startup procedure preparation, etc. Identified and resolved design and contract issues with the Owner’s project staff and the design engineering staff. Coordinated and negotiated construction phasing and traffic control plans with the Port’s Tenant to minimize impact to their operation. Provided expertise in startup of the constructed system.

2010 – 2012

**San Diego County Water Authority - San Vicente Dam Raise Project, Construction Package 3**

**Mechanical/Electrical Superintendent** - This \$140 million dam raise project increases the height of the dam by 117 ft, making it the tallest dam raise in the United States and the dam the tallest of its type in the world. The raised dam stores an additional 152,000 acre feet of water, more than doubling the capacity of the reservoir. In addition to the roller-compacted concrete (RCC) dam raise, the work also includes foundation grouting, drainage features, outlet works, discharge conduits, a downstream control facility, access roads, and abandonment of the existing outlet works facilities. The dam was raised using approximately 608,000 cubic yards of roller-compacted concrete (RCC) in the main dam raise and 12,000 cubic yards of RCC in the saddle dam. In order to produce over 620,000 cubic yards of RCC, approximately 1.1 million tons of aggregate, 70,000 tons of pozzolan and 57,000 tons of cement were utilized. In addition about 600 ft. of tunnel and shaft was drilled and shot for the new outlet piping system. Also, approximately 14,000 cubic yards of structural concrete on the project were used in the new Outlet Tower, Downstream Control Facility and other miscellaneous structures.

**Responsibilities include:** The management of all electrical and mechanical work (\$30M). Managed safety of the department. Quality Control Representative for the project, tasks included creating agendas, attendance of weekly QC/QA meetings, submittal reviews, concrete pre-pour inspection and signoffs, rebar inspection, construction and as-built survey, etc. Identified and resolved design and contract issues with the Owner’s project staff and the design engineering staff. Designed and build temporary construction power/control/PLC (12kV-120V) systems for two crushing plants, dual mixer batch plant, cooling plant and 2500 feet conveyor systems. Designed build temporary construction water systems and 2000 GPM cooling water system.

2009 – 2010

**Metropolitan Water District of Southern California - Robert B. Diemer Water Treatment Plant**

**Electrical Dept. Engineering Manager/QCt Manager** for a \$193 million water treatment plant expansion and retrofit. The Robert B. Diemer Water Treatment Plant is an existing 520 MGD facility owned and operated by the Metropolitan Water District of Southern California. The Oxidation Retrofit Program project upgrades/modifies the existing Plant and enables the water treatment plant to treat water with an oxygen/ozone system. The work included: constructing ozone generation building, ozone contactors, contactor influent and effluent conduits, contactor rejection tunnel, liquid oxygen (LOX) storage and feed system, chemical feed facilities, electrical switchyard, power substation, switchgear building, emergency generator building, large diameter yard conduits and piping, grading paving, demolition, adding and modifying plant utilities, electrical instrumentation and controls, connection to existing facilities, landscaping, meter vaults, oxygen/ozone system equipment, gates, valves, commissioning and training. Yard piping work included large diameter steel pipe for influent and effluent conduit, large diameter steel pipe, contactor rejection tunnel, fire, potable and industrial water lines, mortar-lined carbon steel pipe, and chemical and utility piping.

**Responsibilities include:** Management of all electrical (power, control, PLC and SCADA system) work (\$29 million). Management of all electrical work along with head electrical superintendent.

2006 – 2009

**Metropolitan Water District of Southern California – Robert A. Skinner Water Treatment Plant**

**Project Engineer/Mechanical Engineering Manager** - This \$205 million project was part of a retrofit of the existing Skinner Water Treatment Plant to expand the treatment capacity of the plant from 520 MGD to 690 MGD. It included all work necessary to construct a new oxygen/ozone treatment system, construct a new washwater reclamation plant #3 and retrofit the existing washwater reclamation plant #2. Shimmick self-performed the earthwork/grading, structural concrete, yard piping, process piping, mechanical equipment procurement and installation and electrical work and subcontracted the remaining items of work. The subcontracted work included concrete reinforcing steel, structural steel erection, HVAC, roofing, painting and AC paving.

**Responsibilities include:** Responsible for the management of all mechanical, instrumentation, and piping (ozone gas, LOX, firewater loop, etc.) work (\$34 million) at Skinner Ozone Retrofit Water Treatment Plant Project



**PIYUSH MEHTA**  
**QA/QC MANAGER**

---

---

**SUMMARY:** Piyush Mehta has over 30 years of construction engineering experience with an emphasis in quality management. Mr. Mehta has been responsible for the development, implementation, and management of numerous project quality management plans and programs throughout his career. This experience includes overseeing the quality assurance processes and procedures and quality control (inspection and testing) for both design-build and bid-build projects.

**CERTIFICATIONS:**

National Institute of Design, Ahmedabad, India, 1977

**EXPERIENCE**

2003 – Present **Shimmick Construction Company Inc.**

2012 – Present **Port of Long Beach – Gerald Desmond Bridge Replacement Design-Build Project Quality Manager** - This \$788M design-build project includes a major six-lane, 1,000 ft. main span cable stay bridge over 6,000 ft. of elevated approach viaducts, two major freeway interchanges and numerous ramps and embankments.

**Responsibilities include:** Management/enforcement of all aspects of the QA/QC program. Significant features of the QA/QC program include

- Development of the quality assurance processes and procedures for design and construction including monitoring and reporting.
- Independent verification and oversight of design and construction activities that affect the quality of the work, to verify and document the achievement of the established quality and technical requirements.
- Verification that activities affecting the quality of the work are performed in accordance with the specified requirements.
- Verification that facilities, components, systems and subsystems perform satisfactorily for the purpose intended.
- Appropriate application of resources to provide a high level of confidence in the completed facility.
- Retention of objective evidence that the construction services provided by the contractor and its subcontractors, fabricators and suppliers conform to the requirements of the contract documents and the appropriate rules and regulations.
- Coordinating timely notifications for inspections to QA, IQA and Independent labs.
- Coordinate and assure all the Inspection and testing reports, Shop and RFC plans, RFI/NDC/FDC are uploaded timely on Document Control System.

2010 – 2012 **San Diego County Water Authority - San Vicente Dam Raise Project, Construction Package 3 Project Quality Control Manager** - This \$140 million dam raise project increases the height of the dam by 117 ft, making it the tallest dam raise in the United States and the dam the tallest of its type in the world. The raised dam stores an additional 152,000 acre feet of water, more than doubling the capacity of the reservoir. In addition to the roller-compacted concrete (RCC) dam raise, the work also includes foundation grouting, drainage features, outlet works, discharge conduits, a downstream control facility, access roads, and abandonment of the existing outlet works facilities. The dam was raised using approximately 608,000 cubic yards of roller-compacted concrete (RCC) in the main dam raise and 12,000 cubic yards of RCC in the saddle dam. In order to produce over 620,000 cubic yards of RCC, approximately 1.1 million tons of aggregate, 70,000 tons of pozzolan and 57,000 tons of cement were utilized. In addition about 600 ft. of tunnel and shaft was drilled and shot for the new outlet piping system. Also, approximately 14,000 cubic yards of structural concrete on the project were used in the new Outlet Tower, Downstream Control Facility and other miscellaneous structures.

**Responsibilities include:** Management/enforcement of all aspects of the QC program. Significant features of the QA/QC program include:

- Development of the quality control processes and procedures including monitoring and reporting
- Independent verification and oversight of activities that affect the quality of the work, to verify and document the achievement of the established quality and technical requirements.



- Verification that activities affecting the quality of the work are performed in accordance with the specified requirements.
- Verification that facilities, components, systems and subsystems perform satisfactorily for the purpose intended.
- Appropriate application of resources to provide a high level of confidence in the completed facility.
- Retention of objective evidence that the construction services provided by the contractor and its subcontractors and suppliers conform to the requirements of the contract documents and the appropriate rules and regulations.

Jul 08 – 2010

**Metropolitan Water District of Southern California - Robert B. Diemer Water Treatment Plant**

**Construction Quality Manager** for a \$193 million water treatment plant expansion and retrofit. The Robert B. Diemer Water Treatment Plant is an existing 520 MGD facility owned and operated by the Metropolitan Water District of Southern California. The Oxidation Retrofit Program project upgrades/modifies the existing Plant and enables the water treatment plant to treat water with an oxygen/ozone system. The work included: constructing ozone generation building, ozone contactors, contactor influent and effluent conduits, contactor rejection tunnel, liquid oxygen (LOX) storage and feed system, chemical feed facilities, electrical switchyard, power substation, switchgear building, emergency generator building, large diameter yard conduits and piping, grading paving, demolition, adding and modifying plant utilities, electrical instrumentation and controls, connection to existing facilities, landscaping, meter vaults, oxygen/ozone system equipment, gates, valves, commissioning and training. Yard piping work included large diameter steel pipe for influent and effluent conduit, large diameter steel pipe, contactor rejection tunnel, fire, potable and industrial water lines, mortar-lined carbon steel pipe, and chemical and utility piping.

**Responsibilities include:** estimating, negotiating and procuring, quality control of concrete production and placements, managing the ready-mix concrete batch plant, and structural and miscellaneous metals for the project. On this project, Shimmick will batch and place approximately 80,000 cubic yards of concrete, and will fabricate and install approximately a million pounds of structural and miscellaneous metals.

Dec 05 – Jul 08

**Metropolitan Water District of Southern California – Robert A. Skinner Water Treatment Plant**

**Construction Quality Manager** - This \$205 million project was part of a retrofit of the existing Skinner Water Treatment Plant to expand the treatment capacity of the plant from 520 MGD to 690 MGD. It included all work necessary to construct a new oxygen/ozone treatment system, construct a new washwater reclamation plant #3 and retrofit the existing washwater reclamation plant #2. Shimmick self-performed the earthwork/grading, structural concrete, yard piping, process piping, mechanical equipment procurement and installation and electrical work and subcontracted the remaining items of work. The subcontracted work included concrete reinforcing steel, structural steel erection, HVAC, roofing, painting and AC paving.

**Responsibilities include:** Mr. Mehta was responsible for managing the ready-mix concrete batch plant; aggregate crushing, screening, washing; negotiating and procuring materials; and quality assurance and quality control for production and placement of all concrete on the project.

Prior Experience:

**Eastern Transportation Corridor, TCA, Orange County, CA (\$803 million)**

**Materials Manager/QA Structural Inspector, 1996 – 1999**

In the Eastern Transportation Corridor, this was a Design-Build project for Silverado Constructors. It included 27 miles of roadways and 73 bridge structures. The estimated cost is approximately \$780 million. Mr. Mehta reported to the QA/QC Manager and had responsibility to manage quality assurance inspections of the permanent materials on-site and off-site. He developed a Microsoft Access – based material tracking system that proved to be effective for materials management through closeout of the project. This system allowed tracking of orders, deliveries, warehousing, Caltrans inspections, and installation statuses. As a lead inspector, he was responsible for inspections of construction of bridges, box culverts, MSC walls, and overhead sign structures.

**Highway 44, New Mexico State DOT (\$300 million)**

**Q/A Segment Manager, 1999 – 2002**

New Mexico Highway 44 was a design-build project, 118 miles long. Works included a new roadway with super paved pavements and 7 concrete bridge structures. Mr. Mehta's duties included managing the QA/QC of three construction segments, 68 miles of roadway, 4 bridge structures, and several drainage and utility structures. His responsibility included managing and scheduling QA inspections, a testing lab, and QA/QC staff training; regular interactions with construction project managers; coordinating quality inspection

schedules, periodic audits, and surveillance of QC activities; and consulting with principal QA Engineers and designers regarding any changes, field procedures, and RFIs.

**Orange Line Bus Rapid Transit, LA Metro, San Fernando Valley, CA (\$175 million)**

**Project Quality Manager, 2003 – 2005**

The San Fernando Valley Metro Rapid Way was a \$180 million design-build project consisting of a 14-mile-long dedicated bus way through the San Fernando Valley in Southern California. Mr. Mehta's duties included managing and enforcing all aspects of QA/QC on this Project. Significant features of the QA/QC Program included:

- Independent verification and oversight of activities that affected the quality of work, to verify and document the achievement of the established quality and technical requirements
- Verification that activities affecting the quality of work were performed in accordance with the specified requirements
- Verification that facilities, components, systems, and subsystems performed satisfactorily for the purposes intended
- Appropriate application of resources to provide a high level of confidence in the completed facility
- Retention of objective evidence that the construction services provided by the contractor and by its subcontractors and suppliers conformed to the requirements of the contract documents and to the appropriate rules and regulations



**JOE ONTIVEROS  
SAFETY MANAGER**

**EDUCATION**      **B.S. Degree, Environmental Technology, Rio Hondo College**

**PROFESSIONAL REGISTRATION:**

- Certified Board of Safety Professionals, Construction Health and Safety Technician
- Registered Environmental Manager #10907 – National Registry of Environmental Professionals
- California State Training Institute
- Certified Hazardous Material Specialist Instructor (CSTI) #4633
- Certified OSHA 500 Construction
- 30 Hour Instructor, #U05036450
- EM 385-1 Certified
- National Safety Council Certified
- CPR/First Aid Instructor

**EXPERIENCE**

**Mr. Ontiveros has more than 30 years of experience in the construction industry, the past 15 of which has been as a Project Safety Manager on large infrastructure projects. These projects include highways, roadways, bridges, dams, demolition and water treatment facilities valued at more than \$680 million without a serious life threatening injury. Joe is certified to and weekly conducts relevant training classes.**

In addition to his on the job experience, Mr. Ontiveros has extensive coursework in this area. In 2010, his outstanding efforts resulted in “0” recordable incident at Robert B. Diemer Water Treatment project.

Management Responsibilities:

- Implementation and maintenance of company Health and Safety Program maintaining compliance with Cal OSHA Construction Safety Orders, Injury Illness Prevention Program and company policy and procedures.
- Not limited to other regulatory agencies such as EPA, DTSC, SCAQMD, DOT, CUPA.
- Focused on craft Job Safety, Workers Compensation, Loss Prevention, Accident Investigation daily job site audit and inspections
- Also involved in Hazardous Materials/Waste Management, Storm Water Pollution Prevention Plan (SWPPP) inspection management, and implementation of basic Industrial Hygiene principles and various OSHA safety training.

2004 – Present      **SHIMMICK CONSTRUCTION CO., INC**

Mar 13 - Present      **Port of Long Beach - Gerald Desmond Bridge Replacement Project, Long Beach, CA**  
**Safety Manager** – This \$780 million project is the replacement of the Gerald Desmond Bridge at the Port of Long Beach. With twin 500-foot-tall towers, the new bridge will be one of the tallest cable-stayed bridges in the United States and the first in California. Mr. Ontiveros is responsible for the implementation and maintenance of ensure that safe working conditions exist during construction activities and conform to the established POLB Construction Safety Policy Guidelines, and Cal/OSHA construction safety orders.

Nov 11 – Feb 12      **San Diego Water Authority – San Vicente Dam Raise Project**  
**Safety Manager** – The San Vicente Dam Raise is part of the Emergency Storage Project, a system of reservoirs, interconnected pipelines, and pumping stations designed to make water available to the San Diego region in the event of an interruption of imported water deliveries. San Vicente Dam currently stands at 220 ft and can store up to 90,000 acre feet of water. This \$140 million dam raise project increases the height of the dam by 117 ft, making it the tallest dam raise in the United States and the dam

the tallest of its type in the world. The raised dam stores an additional 152,000 acre feet of water, more than doubling the capacity of the reservoir. In addition to the roller-compacted concrete (RCC) dam raise, the work also includes foundation grouting, drainage features, outlet works, discharge conduits, a downstream control facility, access roads, and abandonment of the existing outlet works facilities. The dam was raised using approximately 608,000 cubic yards of roller-compacted concrete (RCC) in the main dam raise and 12,000 cubic yards of RCC in the saddle dam. In order to produce over 620,000 cubic yards of RCC, approximately 1.1 million tons of aggregate, 70,000 tons of pozzolan and 57,000 tons of cement were utilized. In addition about 600 ft. of tunnel and shaft was drilled and shot for the new outlet piping system. Also, approximately 14,000 cubic yards of structural concrete on the project were used in the new Outlet Tower, Downstream Control Facility and other miscellaneous structures.

Aug 09 – Nov 11

**Metropolitan Water District of Southern California - Robert B. Diemer Water Treatment Plant Safety Manager** – The Robert B. Diemer Water Treatment Plant is an existing 520 MGD facility owned and operated by the Metropolitan Water District of Southern California. The Oxidation Retrofit Program project upgrades/modifies the existing Plant. This project will enable the water treatment plant to treat water with an oxygen/ozone system. This work includes: constructing ozone generation building, ozone contactors, contactor influent and effluent conduits, contactor rejection tunnel, liquid oxygen (LOX) storage and feed system, chemical feed facilities, electrical switchyard, power substation, switchgear building, emergency generator building, large diameter yard conduits and piping, grading paving, demolition, adding and modifying plant utilities, electrical instrumentation and controls, connection to existing facilities, landscaping, meter vaults, oxygen/ozone system equipment, gates, valves, commissioning and training. Yard piping work included large diameter steel pipe for influent and effluent conduit, large diameter steel pipe, contactor rejection tunnel, fire, potable and industrial water lines, mortar-lined carbon steel pipe, and chemical and utility piping.

Jul 08 – Aug 09

**Metropolitan Water District of Southern California - Robert A. Skinner Water Treatment Plant Safety Manager** – This \$205M project consisted of retrofitting an existing water treatment facility with a new oxygen / ozone disinfection system including large diameter piping, mechanical piping and valves as well as drilling and blasting adjacent to three other general contractor projects. Work performed at this potable water plant was in accordance with stringent regulatory / environmental requirements.



**JOSEPH PACHECO**  
**CONSTRUCTION SUPERINTENDENT**

---

---

**CERTIFICATIONS:**

Board of Certified Safety Professionals, Construction Health and Safety Technician - Since October 2005  
U.S. Department of Labor – OSHA 10 – 2/10/10  
South Coast Air Quality Management District – Rule 403 Fugitive Dust Control – 3/19/14

**RECOGNITIONS:** AGC of California – Safety Award of Excellence – High Hazard Project  
Individual Safety Effort of a Superintendent – 5/13/08

**EXPERIENCE** **Over 28 years of experience in the Heavy and Civil Engineering Construction, specifically large public works projects including Dams / Water Treatment Plants and Public Transportation Projects with an emphasis on project oversight of all phases of construction with direct responsibility including contract compliance with project specifications.**

**Management Responsibilities:**

- Direct implementation of project management goals including scheduling of construction activities in compliance with the Contract Documents.
- Ensure compliance with environmental and regulatory requirements as well as mitigate issues as they arise.
- Act as Contractor’s representative with third party agencies and coordinate with same as well as management of subcontractors.
- Oversight of maintenance and recordkeeping of compliance documentation and reporting as required including daily logs.
- Resolution of project issues as they arise.

1999 – Present **Shimmick Construction Company Inc.**

May 16 – Present **Alameda Construction Authority (ACE) – Fullerton Road Grade Separation Project Superintendent** – This \$82 million project is located in the City of Industry and the Route 60 freeway, the Fullerton Road Grade Separation is a complex 5-stage project with 19 phases of construction. The project involves over 14,000 feet of railroad track construction, over 10,000 feet of retaining wall construction, 3 bridges structures (UPRR, roadway, and pedestrian), as well as extensive deep (20-35ft) sewer and storm drain construction with dewatering measures.

Nov 13- Apr 16 **Port of Los Angeles (POLA) - Berth’s 142-147 ICTF Project Project Superintendent** - This \$61 million project consists of developing an intermodal container transfer facility (ICTF), including demolition of an existing rail yard; grading; placing surcharge; constructing new utilities including water, sewer, storm drain, electrical, and communications; installation of special crane rail as well as running rail.

Oct 12 – Nov 13 **San Diego Association of Governments (SANDAG) - Traction Power Substation Installation Project Project Superintendent** - This \$13 million Project consisted of the installation of 1.5 and 2 megawatt traction power substations along an active Metropolitan Transit System, (Orange and Blue Lines), in San Diego Ca.

Apr 11 –Sep 12 **San Diego County Water Authority - San Vicente Dam Raise General Superintendent** - The San Vicente Dam Raise is part of the Emergency Storage Project, a system of reservoirs, interconnected pipelines, and pumping stations designed to make water available to the San Diego region in the event of an interruption of imported water deliveries. San Vicente Dam currently stands at 220 ft. and can store up to 90,000 acre feet of water. This \$140 million dam raise project increases the height of the dam by 117 ft., making it the tallest dam raise in the United States and the dam the tallest of its type in the world. The raised dam stores an additional 152,000 acre feet of water, more than doubling the capacity of the reservoir. In addition to the roller-compacted concrete (RCC) dam raise, the work also includes foundation grouting, drainage features, outlet works, discharge conduits, a downstream control facility, access roads, and abandonment of the existing outlet works facilities. The dam was raised using approximately 608,000 cubic yards of roller-compacted concrete (RCC) in the main dam raise and 12,000

cubic yards of RCC in the saddle dam. In order to produce over 620,000 cubic yards of RCC, approximately 1.1 million tons of aggregate, 70,000 tons of pozzolan and 57,000 tons of cement were utilized. In addition about 600 ft. of tunnel and shaft was drilled and shot for the new outlet piping system. Also, approximately 14,000 cubic yards of structural concrete on the project were used in the new Outlet Tower, Downstream Control Facility and other miscellaneous structures.

Oct 08 – Mar 11 **Los Angeles County Flood Control District - Big Tujunga Dam Seismic Rehabilitation and Spillway Modification**

**General Superintendent** – This \$94 million dam seismic rehabilitation consisted of the conversion of thin arch dam to thick arch mass concrete dam. Work includes rock excavation (blasting), consolidation grouting, rock bolts and anchors, mass concrete batching and placement, concrete valve house and structures, demolition and replacement of the control house, and replacement of various valves from 24” to 72”. All work was performed under the inspection of Division of Safety of Dams and the County of Los Angeles.

Aug 05 – Aug 08 **Metropolitan Water District of Southern California - Robert A. Skinner Water Treatment Plant**

**General Superintendent** – This \$205 million project was part of a retrofit of the existing Skinner Water Treatment Plant to expand the treatment capacity of the plant from 520 MGD to 690 MGD. It included all work necessary to construct a new oxygenlozone treatment system, construct a new washwater reclamation plant #3 and retrofit the existing washwater reclamation plant #2. Shimmick self-performed the earthwork/grading, structural concrete, yard piping, process piping, mechanical equipment procurement and installation and electrical work and subcontracted the remaining items of work. The subcontracted work included concrete reinforcing steel, structural steel erection, HVAC, roofing, painting and AC paving.



**MARIO ROMO  
CONSTRUCTION FOREMAN**

---

---

**EDUCATION:**

- High School Diploma: Tomales High School in Tomales, CA.

**TRAINING:**

- SD Labor Union Certificates: (2002-2006,2008-Current)
  - Pipe Laying
  - Concrete
  - Traffic Control
  - Air Lift
  - Fork Lift
  - Air Tools
  - CPR/First Aid
  - Rigging
  - Fall Protection
  - Confined Space
- Local 12 Operator Engineers: (2006-2007)
  - Excavator Operator
  - Backhoe Operator
  - Dozer

**EXPERIENCE**

June 2002	San Rafeal / Diablo Contractors Laborer Construct retaining walls, 300 foot bridge connecting roadways, lay storm drains.
August 2003	Tiburon, CA. / Diablo Contractors Traffic Control Lead Man Lay highway drain pipes, pour 4 miles of shotcrete, concrete, and asphalt
February 2004	Petaluma, CA. / Diablo Contractors Laborer Replace bridge connecting Highway 10.
May 2004	Santa Monica, CA. / Diablo Contractors Foreman Widening Interstate 405, lay storm drain, electrical lines
July 2008	Arcadia, CA / Diablo Contractors Foreman Layout soundwall shoring and excavation
April 2009	Playa Del Rey, CA. / Diablo Contractors Foreman Rebuild tank at Hyperion Treatment Plant. Install wastewater lines, recycled water lines, storm drain.
March 2011	San Diego, CA. / Diablo Contractors Foreman Interstate 805 Widening, New Bridge, and HOV lane. Installed sewer lines potable water lines, reclaimed water lines, and storm drain line.
October 2016	San Diego, CA. / Shimmick Construction Foreman Miramar Clearwell Improvement Project. Construct 2 Clearwell Tanks. Lay potable water lines, drain lines



---

---

## Education

BS, Political Science , 1990, University of Massachusetts,

**Bio:** Wendy has been working for Shimmick Construction for the past 25 years. As well as being the Payroll Manager of Shimmick Construction, she is the company EEO officer. She is responsible for keeping up to date on any recent changes to laws related to company EEO policies, ensuring any complaints are properly dealt with, and EEO reports are filed in a timely manner.

## Experience

OFFICE MANAGER | SHIMMICK CONSTRUCTION COMPANY| MARCH 1992 - JUNE 1996

PAYROLL MANAGER| SHIMMICK CONSTRUCTION COMPANY | JULY 1996 - PRESENT

- Update and Maintain salary employee records
- Process weekly Federal and State Payroll taxes
- Prepare Quarterly and Yearly Tax Reports
- Administer employee benefit programs such as medical, dental, vision, life insurance, long term disability plan, and wellness programs
- Maintain enrollment of new employees and communicate any benefit changes to employees
- Assure company compliance with the Affordable Care Act
- EEO Officer
  - a. Preparation of documents requested for an audit with Caltrans and the OFCCP (Office of Federal Contract Compliance)
  - b. Updating our EEO and Harassment policy
  - c. Handle investigations of employee Harassment complaints
  - d. Communicating our EEO and Harassment policy to our employees
  - e. Submission of Yearly EEO-1 report

## Training

- 2013 - EEO training certification with Pinnacle Performance





**Eric Magee, PE**  
*Design Manager*

<p><b>Education</b> MBA, Business Administration, 2006, Point Loma Nazarene University San Diego, CA BS, Civil &amp; Environmental Engineering, 1998, San Diego State University San Diego, CA</p> <p><b>Registration</b> Professional Civil Engineer, California (64566), 2002 Professional Civil Engineer, Arizona (38515), 2002 Professional Civil Engineer, Guam (1854), 2015</p> <p><b>Certifications &amp; Training</b> NASSCO: PACP/MACP/LACP, 2017 Water Distribution System Operation and Maintenance, 2014</p> <p><b>Professional Affiliations</b> American Water Works Association (AWWA), CA/NV Section; California Water Environment Federation American Society of Civil Engineers (ASCE); Orange County Water Association (OCWA) Member/Sub-Committee Chair of AWWA D1xx Reinforced Concrete Water Tanks Member AWWA D101 Inspection of Water Tanks and Related Facilities Standard</p> <p><b>Years of Experience</b> 20</p>
---

Mr. Magee has 20 years of water and wastewater infrastructure design experience in private, municipal and federal applications. His proficiency and capability includes design build delivery, project management, design development, planning, construction services and coordination of multi-disciplinary projects from design phase through construction. His expertise is in water/recycled water conveyance, storage solutions and wastewater infrastructure. He is an active member of the American Water Works Association and serves on two standards committees.

**Otay Mesa Storm Drain Upgrade Project, El Cajon Grading & Engineering for City of San Diego, San Diego, CA**

Mr. Magee is serving as Deputy Design Manager for this project that involves design of 12,300 LF of replace-in-place and new RCP storm drains in the City of San Diego. Storm drain sizes range from 18-inch to 54-inch diameter RCP. The design includes new cleanouts and inlets. Surface restoration is specified, and ADA curb ramp enhancements were designed for noncompliant facilities along the pipeline route. Hydraulic calculations were developed for five sites. A Caltrans Encroachment Permit Application was filed, on behalf of the City of San Diego, for work adjacent to I-5.

**Berenda Road Pipeline Relocation, for Rancho California Water District, Riverside County, California**

Mr. Magee is Project Director for this project that includes a new, approximately 400 LF, 20-inch potable water pipeline that replaces an existing pipeline in Berenda Road. The project includes adjacent stream hydraulics, erosion control, and environmental permitting. Design was coordinated so construction can be completed after the rainy season. In addition to the base alternative, DEA provided two trenchless alternatives for consideration, Horizontal Directional Drilling and jack and bore.

**P-1044 Advanced Water Treatment Plant (AWTP) Conveyance Facilities, NAVFAC SW, Camp Pendleton, California**

AWTP supplies safe drinking water to the Northern Water System and supported the Grow the Force initiative at Marine Corps Base, Camp Pendleton. Base population was projected to grow approximately 12,000 from Fiscal Year 2008 to 2013. The project objective is to upgrade the existing well field, disinfect the storage system, convey well field raw water to AWTP, and then convey treated water to a storage system for distribution. Project included 3 HDD crossings up to 1100 feet long and 40 feet deep. Mr. Magee served as pipeline project engineer.

**Carlsbad Desalination Conveyance Pipeline, for Poseidon Resources, Carlsbad, CA**

The desalination plant will produce 50 million gallons per day (MGD) of drinking water through a reverse osmosis process. A 10-mile long, 54-inch-diameter welded steel pipeline will convey desalination seawater from the new 50 MGD plant to the San Diego County Water Authority's second aqueduct. Mr. Magee was project engineer and provided construction services.

**54-inch – 60-inch Moreno-Lakeside Pipeline, for San Diego County Water Authority, San Diego, CA**

Mr. Magee was the project engineer who led the feasibility study, alignment study, preliminary design and final design services. The 4.7-mile 54-inch to 60-inch pipeline connects an existing pipeline from the San Vicente Dam to the Helix Water District’s R.M. Levy WTP. The project, which includes a flow control facility, supplies up to 80 MGD day of untreated water to the water treatment plant.

**South Bay Ocean Outfall, City of San Diego, CA**

Mr. Magee, was project engineer for this project that discharges effluent from the International WWTP and South Bay Water Reclamation Plant through an 11-inch diameter and 19,000-foot long tunnel under the sea floor. The tunnel was excavated with a tunnel boring machine. The riser and dissipater pipes were installed separately with barge platforms working from the surface of the ocean. The team provided construction support services.

System Analysis for Overpressure Alarm, Mesa Water District, Costa Mesa, CA  
Mesa Water District experienced a system overpressure alarm from their SCADA system. A condition existed where four (4) 4,200 gallons per minute (GPM) pumps were running uncontrolled at maximum capacity causing an overpressure condition. As project manager, Mr. Magee performed an analysis of the distribution system to find the root cause and provided corrective recommendations.

**Antelope Wash Recharge Project Preliminary Design Report, for Mojave Water Agency, Hesperia, California**

Mr. Magee provided QA/QC oversight for the project that developed a PDR for the Antelope Wash Recharge Project that will be owned and operated by the Mojave Water Agency. The PDR includes 30% complete design drawings, and included analysis for multiple options for the recharge basins, flow control facility and pipeline routes. A customized hydraulic model was developed to substantiate a maximum design flow of 111 cfs. Hydroelectric power generation was evaluated, and soils investigations were conducted to establish percolation rates.

**Sewer Master Plan 2016 Update, for City of Inglewood, Inglewood, California**

Mr. Magee is Project Director for this update of the City’s Sewer Master Plan (SMP). An updated SMP that accurately identifies the City’s anticipated demands and delivers a feasible implementation plan is critical to assisting the City as it prepares for future needs that include the nation’s newest NFL Stadium. The project components includes CCTV inspection for 295,680 LF of sewers, condition survey for 1,200 manholes, sewer and manhole condition assessment, flow and rainfall monitoring, inflow and infiltration study, hydraulic modeling, capacity analysis, CIP development, sewer rate study, and reporting.



<p><b>Education</b> BS, Civil Engineering, 2004, Oregon State University</p> <p><b>Registration</b> Professional Civil Engineer, California (67187), 2004 Leadership in Environmental &amp; Energy Design (LEED) New Construction Accredited Professional</p> <p><b>Years of Experience</b> 17</p>
--

**Gavin Powell, PE, LEED AP**  
*QA/QC Manager*

Mr. Powell has over 17 years of extensive management and hands-on civil engineering experience. He provides oversight for a variety of services that include the development of sewer, water, storm drain, signing and striping, and street improvement plans. He has been instrumental in determining quantity and cost estimates as well as special provisions and technical specifications as part of the bid documents. Mr. Powell is responsible for leading computer aided drafting teams and is familiar with AutoCAD, Land Desktop, Civil 3D, and a variety of design programs including H20net, SewerCAD, FlowMaster, PondPack, Bonadiman Civil Design software(s), and a variety of other Hydrology/Hydraulic design softwares. He works closely with water quality experts to ensure proper mitigation measures and BMP's are implemented in the design of a project. Mr. Powell also supports water quality team in preparing the necessary calculations and exhibits for inclusion with WQMP's, SWPPP's, and other related documentation.

**Otay 1st-University Heights Water Line Replacement Project, El Cajon Grading & Engineering for City of San Diego, San Diego, California**

Mr Powell is serving in the dual role of Quality Control Manager and Assistant Project Manager for 7,500 LF of replace-in-place potable water piping on Polk Avenue in the City of San Diego. The project is being completed as a design-build job, teaming with El Cajon Grading & Engineering (Contractor), under the Multiple Award Construction Contracts Program administered by the City of San Diego.

**Otay Mesa Storm Drain Upgrade Project, El Cajon Grading & Engineering for City of San Diego, San Diego, California**

Mr. Powell is serving as the Quality Control Manager for this project that involves design of 12,300 LF of replace-in-place and new RCP storm drains in the City of San Diego. Storm drain sizes range from 18-inch to 54-inch diameter RCP. The design includes new cleanouts and inlets. Surface restoration is specified, and ADA curb ramp enhancements were designed for noncompliant facilities along the pipeline route. Hydraulic calculations were developed for five sites. A Caltrans Encroachment Permit Application was filed, on behalf of the City of San Diego, for work adjacent to I-5.

**Berenda Pipeline Relocation Project, Rancho California Water District, Temecula, CA**

Rancho California Water District (RCWD) selected DEA to provide engineering services for approximately 400 LF of a new, 20-inch potable water pipeline to replace an existing pipeline in Berenda Road. The pipeline to be relocated is routed from the northeast to the southwest between Jeremiah Road and Aladdin Circle and across Wilson Creek in Riverside County. DEA is currently performing alternative analysis on designs that reduce construction costs to the District, reduce permitting requirements, minimize the disruption to the surrounding community, and shorten the overall project schedule. Mr. Powell is serving as the Quality Assurance / Quality Control task leader.

### **11th Street Storm Drain, for the City of Yucaipa, California**

As project engineer, Mr. Powell was responsible for preparing contract documents for the City's use in bidding this storm drain project. The project consisted of 1,400 linear feet of 36-inch storm drain, multiple catch basins, and an outlet to an existing channel. Services performed by DEA included a comprehensive topographic survey, boundary survey, utility research and coordination, hydrology and hydraulic analysis, storm drain, signing, striping, traffic control plans, specifications, engineering cost estimates and preparation of "as built" drawings. DEA also provided potholing of existing facilities and geotechnical analysis through designated subconsultants. The project improvements were constructed within existing City of Yucaipa right-of-way.

### **Skyline Drive Storm Drain Phase 1, for Orange County, California**

As design engineer, Mr. Powell was responsible for providing hydrology and hydraulic calculations and for developing plans, specifications, and estimates for the Skyline Drive Storm Drain in the Lemon Heights area of unincorporated Orange County. Improvements included the addition of a 78-inch RCP storm drain line, AC removal and replacement, and the addition of curb and gutter. Hydrology and hydraulic analysis and close coordination with affected utility agencies were other key aspects on this project.

### **Sewer System Modifications, for the City of Cypress, California**

As project engineer, Mr. Powell assisted in the preparation of the improvement plans to modify the sewers at the intersection of Cerritos Avenue and Florence Street to decrease the number of confluences, realign the ninety degree and one hundred eighty degree turns in the system, and to increase slopes. The project required coordination with the Orange County Sanitation District (OCSD) and the City of Cypress.

### **Alipaz Trunk Sewer Relief, for San Juan Capistrano, California**

As project manager, Mr. Powell provided guidance and hands-on involvement to the team that prepared plans to increase the hydraulic capacity of an existing 21-inch-diameter trunk sewer line along the San Juan Creek levee by replacing it with a 24-inch-diameter line. Specifically, Mr. Powell provided design work for the preliminary sewer plans, handled utility research and coordination, prepared quantity and cost estimates, and coordinated encroachments with the Orange County Flood Control District. Significant challenges were overcome to determine the best horizontal and vertical alignments for the proposed pipeline. Existing utilities included an existing 30-inch gas transmission line; electrical, telephone, and cable lines; separate 48-inch, 21-inch, and 8-inch sewer lines; an 84-inch RCP storm drain line; a 7-foot x 4-foot RCB storm drain; and 12-inch and 21-inch water lines. Mr. Powell worked closely with the City and each utility agency to properly locate each facility and incorporate that information in design of the project. Mr. Powell developed a number of design alternatives, including two siphons to avoid existing storm drain lines. With Mr. Powell's leadership, a design was achieved that avoided the use of a siphon and eliminated the need to perform utility relocations. Mr. Powell was also successful in securing an encroachment permit from the County of Orange for construction of the sewer line within their right-of-way. Additionally, Mr. Powell worked with DEA's water quality management team to develop an erosion control plan and SWPPP for the project.

**Redhawk Valley Project Booster Pump Station, Rancho California Water District, Riverside County, California**

Mr. Powell is project engineer for this project where the DEA team developed a Preliminary Design Report (PDR) for a Booster Pump Station to serve communities in mountain zone in Riverside County. The PDR developed plans and hydraulic calculations for a hydropneumatic tank based system with low flow pumps, high flow pumps and emergency generator for backup power. Pumps are the vertical turbine in a can type. Emergency connections were provided for portable pumps; as well as a pressure relief valve based recycle system. The site is paved and fenced with outside lighting and access driveways for the District's largest maintenance vehicles. Completed 2014-2015; \$25,000

**Tract 5187 Potable Water Reservoir, Ventura County Waterworks District No. 1, Moorpark, California**

Mr. Powell served as project engineer for this project where the DEA team is providing design and construction assistance for a 1.5 million gallons potable water reservoir required for a development project in the City of Moorpark. The reservoir is a welded steel tank with disinfection and cathodic protection systems. Reservoir accessories include altitude valve for feed, mixing system and access ladders and hatches. The site is paved and fenced with on-site drainage system and emergency overflow. Work began in 2014 and is currently underway; \$110,000

**Concept Design Report for Buck Mesa Reservoir No. 3, Rancho California Water District Riverside County, California**

Mr. Powell served as project engineer for this project where the DEA team is developing a Concept Design Report for adding a third reservoir at the District's Buck Mesa Site. A preliminary design was developed for two grading options. Both steel and concrete tank options were analyzed for this 5.0 million gallon reservoir. Plat and legal descriptions were developed for the recommended option. Work began in 2014 and is currently underway; \$45,000



DAVID EVANS  
AND ASSOCIATES INC.

<b>Education</b>
BS, Civil Engineering, 1985, California State University Fullerton
<b>Registration</b>
Professional Civil Engineer, California (47886 ), 1991
<b>Professional Affiliations</b>
American Public Works Association Orange County Water Association
<b>Years of Experience</b>
32

**David Stuetzel, PE**  
*Lead Designer*

Mr. Stuetzel has 32 years of experience managing and designing public works infrastructure rehabilitation and new construction contracts. He has strong technical skills in the design of public works improvements and has excellent communication and inter-relational skills with clients, public agencies, utility companies, and subconsultants. Mr. Stuetzel possesses a key understanding of the project development process and issues required to work within the schedule, budgets, and scope of the project to meet and satisfy the needs of the client.

**Main Replacement Program, for Azusa Light & Power, Azusa, California**

As project manager, Mr. Stuetzel led DEA’s team on this project that replaced approximately 3 miles of waterline through residential areas. This project included the replacement and reconnection of existing fire hydrants and services. The project scope included permitting through Los Angeles County Public Works Road Department, utility coordination, and coordination with the Los Angeles County Flood Control. DEA performed surveying design services including topo and base map preparation and provided aerial control. The design solution included the installation of 8-inch DIP for 2 miles and 18-inch steel pipe ML&C for 1 mile of the project.

**Josephine Street (Water and Street) Improvements and Rehabilitation, for the City of Lynwood, California**

As project manager, Mr. Stuetzel oversaw the design team that completed final PS&E documents for a 2,500-linear-feet street rehabilitation and 12-inch water line installation on this residential street. Tasks included design and surveying for the replacement of existing sidewalk and curb and gutter to improve roadway drainage, ADA compliance, and street profiles. The water line improvements included new main line pipeline, zone valves, fire hydrants, and reconnection of existing residential service laterals.

**Citywide Water Main Replacement Program, for the City of Brea, California**

As project engineer, Mr. Stuetzel provided technical oversight for this project that involved water main replacement plans and specifications for the majority of the original city limits. The work included replacement of deficient pipes with larger size DIP. Hydrants were added and replaced to improve fire protection. New pressure regulation stations were constructed to improve water distribution across zones.

**Ranch Well 5D Water Pipeline, for Rancho Mission Viejo and the City of San Juan Capistrano, California**

Mr. Stuetzel was the project manager involved in the preparation of design drawings for the installation of a 5,200 linear feet of 10-inch non-potable water pipeline from Well 5D to a booster pump station used to provide irrigation water for Ranch citrus fields.

**Ranch Well Water Pipeline, for Rancho Mission Viejo, California**

Mr. Stuetzel was the lead project engineer involved in the preparation of plans for the installation of 2,000 linear feet of 8-inch and 12-inch recycled water mains for the Ranch Plan Development. The system was designed to provide well water

service to man-made lakes for use in irrigation of existing orchards and landscaped areas.

**Sewer Lift Station for Sendero Parcel 5 at Ortega Highway and Antonio Parkway, for Santa Margarita Water District, Orange County, California**

As project manager, Mr. Stuetzel led the team that provided preliminary and final design services for the plan preparation of a new sewer lift station for the residential and commercial development at the Sendero development in Orange County, located at Ortega Highway and Antonio Parkway. The lift station provides sewer services for a 5-acre commercial site, a 12-acre passive park and a 300-unit, multi-family building. Design services included a project design report and alignment studies for the 4-inch force main and 8-inch gravity sewers and the location for the lift station within the community park site. The force main sewer was aligned within the proposed access roads in the park and within the existing Antonio Parkway Bridge structure over the San Juan Creek. The force main and gravity sewer will convey sewer peak flows of 300 gpm through duplex submersible 15 hp pumps from the development through 1,900 lf of pipeline to the Santa Margarita Water District San Juan Creek Lift Station. Mr. Stuetzel was personally responsible for coordination with subconsultants, permitting through the city of San Juan Capistrano and Santa Margarita Water District, and preparing studies.

**Alley, Water, Sewer Reconstruction, for the City of Chino, California**

Mr. Stuetzel is leading the team for this project that includes replacement of existing 8" domestic water and 8" sewer main lines and service laterals for residential/commercial developments. Project length is 2,600 feet. The DEA team is providing survey, preliminary design, final design, utility coordination, specifications, and estimates.

**Sewer Improvements at Valley Blvd and Ramona Blvd for the City of El Monte, El Monte, California**

Mr. Stuetzel led the team that completed the replacement of 5,000 LF of under capacity 8-inch sewer mains with a new 12" VCP Sewer. The project included topographic survey, alignment studies, and hydraulic sewer calculations for sizing of new improvements. The project was located within an arterial roadway with high traffic volumes. The final alignment was selected to minimize traffic impacts, and relocation of existing utility facilities.

**Boulder Avenue and Holt Boulevard Sewer Diversion Project, for the City of Ontario, California**

As project manager, Mr. Stuetzel led DEA's design team preparing the alignment study and plan preparation of this sewer diversion project. The goal was to solve a surcharge condition created by development upstream of the project limits. The solution diverts sewer flows to a new sewer and reduces the surcharge conditions. The scope included design of 700 linear feet of 15-inch diameter and 2,800 linear feet of 12-inch diameter VCP sewer main. Services Mr. Stuetzel was responsible for include preliminary design report, utility coordination with the City and Verizon, final PS&E, traffic control plans, geotechnical investigation, and construction support. DEA's surveying team set ground control for aerial survey, established vertical and horizontal controls, and will provide construction staking.

**Laurel Avenue and "I" Street Sewer Diversion Project, for the City of Ontario, California**

As project manager, Mr. Stuetzel was responsible for DEA's delivery of services to solve a capacity deficiency. The scope included design services to prepare a sewer diversion plan to redirect sewer flows to relieve the surcharge conditions in the existing pipe reaches. The design constructed 2,100 linear feet of 8-inch diameter sewer to divert flows to an existing sewer main. Specific activities included Caltrans permitting, reconnecting house laterals, and construction phasing. DEA's engineering services included preliminary design report, utility coordination with the City and SCE, final PS&E, traffic control plans, encroachment permitting from Caltrans District 8, geotechnical investigation, and construction support. DEA's surveying scope included setting ground control for aerial survey, establishing vertical and horizontal controls, and construction staking.

### **Sun Ranch Drainage Improvements, for the City of San Juan Capistrano, California**

As project manager, Mr. Stuetzel is serving as project manager for design services that include the preparation of storm drain plans for the improvement of a natural drainage channel, within the Sun Ranch Residential Tract west of Del Obispo Street. Project tasks included alignment studies, hydrology and hydraulic reports, and retaining walls for the retention of the adjacent residential development. The project included the construction of 1,500 linear feet of 48-inch RCP storm drain and a 300-foot extension of the Del Obispo RCB culvert to convey a 100 year storm runoff through an existing city drainage easement. The grading within the easement included a new decomposed granite access road and the grading and landscaping of a natural drainage channel for diversion of dry weather flows and water quality treatment of street runoff. Final plans included the design of water quality filtration trench with native landscape materials to provide water quality filtration for first flush rain events. Grading remediation of City's drainage channel included removal and reprocessing of 50,000 cubic yards of unsuitable material.

### **Sewer Rehabilitation, for the City of Compton, California**

As project engineer, Mr. Stuetzel provided engineering support for the design of more than 35,000 linear feet of sewer main rehabilitation and replacement of existing collector and trunk mains. The project included extensive utility research and field reviews to determine alternate alignments and existing encumbrances critical to the project design. A design report was prepared to study design alternatives including replacement and upgrade of deficient sewer mains, rehabilitation of existing mains with slip lining and preliminary cost estimates and project phasing.

### **Fairmont Sewer Replacement, for the Yorba Linda Water District, Yorba Linda, California**

As project engineer, Mr. Stuetzel provided engineering support for the sewer analysis and alignment layout for the design of a 15-inch trunk sewer main. Project tasks for this project included the preparation of easement documents, sewer flow studies and final plans and specifications for 2,500 linear feet of sewer main.

### **Valve Replacement Project FY 2014, for the Long Beach Water Department, Long Beach, California**

As project manager, Mr. Stuetzel led the DEA team that will prepare preliminary and final water improvement plans for the replacement of six large diameter water



valves at two project sites on existing LBWD transmission mains. Project services included the preparation of construction details including mechanical plans, water shut down phasing plans and traffic control plans for use during construction for the replacement of the existing gate valves with new butterfly valves on CIP and Steel water pipelines.

**Valve Replacement Project, FY 2013, for the Long Beach Water Department, Long Beach, California**

As project manager, Mr. Stuetzel led the DEA team that prepared preliminary and final water improvement plans for the replacement of six large diameter water valves on existing Long Beach Water Department transmission mains at three sites. The project services included the preparation of construction details including mechanical plans, water shut down phasing plans and traffic control plans for use during construction for the replacement of the existing gate valves with new butterfly valves on CIP and Steel water pipelines. Design services to the water department included permit processing with Caltrans District 7 for encroachment permits for all water work within PCH and preparation of traffic control plans for PCH and Pacific Ave. The water valve installation included the design of a temporary water line stop and water main improvements for the LBWD 30-inch main at the intersection of Santiago and 6th Street.

**Pine and Locust Alley Water Service Connection Conversion, for the Long Beach Water Department, Long Beach, California**

As project manager, Mr. Stuetzel provided management support for the design and inspection for the relocation of water mains located in alleys to city streets to facilitate maintenance. Private service laterals needed to be converted as well. As part of the alley-to-street water main relocation, water meters and private on-site customer services (beyond the meter) were installed. The existing alley water mains along the service laterals were abandoned. DEA's construction management services include interfacing with the individual customers and providing inspection and administration services.

**Alley Water Main Conversion (Golden and Maine), for the Long Beach Water Department, Long Beach, California**

As project manager, Mr. Stuetzel led the DEA team that prepared preliminary and final water improvement plans for the replacement of 1,600 linear feet of 8-inch water main and the replacement of private property house service laterals. Services included preparation of temporary construction easements, alignment studies, and reconnection of residential service laterals to minimize private property impacts.

**Water Improvement Plans-Highway 138 Widening Project, for the Phelan Piñon Hills Community Services District (PPHCSD), Phelan, California**

As project engineer, Mr. Stuetzel provided design support for this project involving the preparation of water improvement plans for the relocation of various waterlines impacted by the Highway 138 widening project. Caltrans is widening Highway 138 from approximately 3,300 feet northwesterly of Phelan Road, and southeasterly to Sheep Creek Road. This project impacts existing PPHCSD water facilities in nine project locations, identified by PPHCSD and Caltrans for existing waterline and service line relocations. The scope included preparation of final water improvement plans for the relocations, erosion control plans, and processing of approvals with Caltrans. Pipeline installations included over 4,000 linear feet of new water mains.

### **Cedar and Chestnut Alley Service Connection Conversion, for the Long Beach Water Department, Long Beach, California**

As project manager, Mr. Stuetzel provided management support for the design and inspection for the relocation of water mains located in alleys to city streets to facilitate maintenance. The project includes two alleys including Cedar and Chestnut from Hill Street to Burnett Street (74 services) and Linden and Pasadena from Burnett Street to 25th Way (44 services) in the city of Long Beach. Private service laterals located on the west side of Chestnut Avenue needed to be converted as well. As part of the alley-to-street water main relocation, water meters and private on-site customer services (beyond the meter) were installed. The existing alley water mains along the service laterals were abandoned.

### **Yates Road Sewer Sampling Station, for the Victor Valley Wastewater Reclamation Authority, Apple Valley, California**

The project included the removal and reconstruction of an existing Victor Valley Water Reclamation Authority sewer sampling station due to the widening of Yates Road in the City of Apple Valley. As project manager, Mr. Stuetzel led the design team responsible for design services that included preparation of new sewer profiles, grading plans and construction details for the new sampling station.

### **15th Street and Gardenia Avenue Sewer Relief, for the Long Beach Water Department, California**

As project manager, Mr. Stuetzel led the team that completed project tasks for the rehabilitation and replacement of 2,700 linear feet of 8-inch sewer mains. The project included topographic survey, alignment studies, and hydraulic sewer calculations for sizing of new improvements. Additionally, the project included the evaluation of existing sewer video tapes for finalization of rehabilitation repairs by slip lining. DEA prepared final bid documents and cost estimates for use in project bidding.

### **San Juan Creek Road 12-inch Sewer Improvements, for the City San Juan Capistrano, California**

As project manager, Mr. Stuetzel lead the design team on this project that consists of the replacement of an existing 8-inch sewer and construction of a new 12-inch sewer to accommodate increased development from Tract 17054 within the city of San Juan Capistrano. Design services provided by DEA included sewer flow modeling and hydraulic flow analysis for pipe sizing and alignment studies for installation of sewer within existing street right-of-way. Final design included plan preparation, and coordination with the city and public utilities permitting through San Diego Gas & Electric, AT&T and The Gas Company, utility potholing verification, and construction support.

### **Tract 17054 12-inch Sewer Improvements, for the Santa Margrita Water District, San Juan Capistrano**

Mr. Stuetzel's is project manager for this project in which DEA is currently completing final design for the installation of 3,500 linear feet of new 12-inch sanitary sewer. The sewer main is being constructed within an existing equestrian riding park, and permitted through the city. The selected alignment within the park was designed around the existing riding park out buildings and riding arenas to minimize the relocation and impacts to existing facilities. The plans were coordinated and permitted through Santa Fe Pipelines and Edison permanent easements prior to final plan approval.

**Tract 17051 12-inch Sewer Improvements, for Rancho Mission Viejo, Ladera Ranch Area of County of Orange, California**

As project manager for this project, Mr. Stuetzel oversaw the DEA team that prepared final plans for the trunk sewer connection from the Rancho Mission Viejo Tract 17051 to the existing San Juan Creek Lift station. Final plans were prepared and permitted through the Santa Margarita Water District and the County of Orange. Sewer design was coordinated with the Antonio Parkway widening project, and various utility crossings including domestic water, storm drain and recycled water utility relocations were necessary to complete the sewer improvements to eliminate the need for sewer siphons.

**Sewer Replacement, for the Las Virgenes Water District, Calabasas, California**

As project engineer, Mr. Stuetzel provided engineering support for the preparation of sewer replacement plans for Mulholland Highway in the city of Calabasas. The project included the preparation of sewer analysis and flow requirements for the realignment and upsizing of deficient trunk sewer mains. Final plans were prepared to upsize 1,800 square feet of 10-inch sewer to 16-inch sewer main. Sewer design included total pipe replacement and pipe bursting construction.

**Randolph Avenue Storm Drain and Sewer Improvements, for the City of Brea, California**

Mr. Stuetzel served as project engineer for this project. It included the realignment of waste water and sanitary sewer facilities for the construction of a 96-inch storm drain pipeline. The design included alignment studies and final plan design, preparation of utility easements, and final construction project specifications and estimates.

**Cody Drive Storm Drain, for the City of Stanton, California**

Mr. Stuetzel had technical and project management responsibilities for the design engineering services for several storm drain installations within the city. Design services included completion of field survey and base map preparation, utility notification and coordination for relocation of conflicting facilities, hydrology and hydraulic report preparation, alignment studies, and preparation of final design and construction documents.

**Brea Canyon Channel, for the County of Orange RDMD, California**

As project manager, Mr. Stuetzel led the team that was responsible for the preparation of final engineering design plans and contract documents for the emergency repair of regional flood control facility in the city of Fullerton. The project design included WSPG flood routing and hydraulic design calculations to determine optimum layout based on existing field topography. The project designed 4,000 linear feet of trapezoidal earthen channel with rip-rap revetment slopes. Final plans, specifications and estimates were prepared under FEMA guidelines, and completed within four weeks.

**Ladera Plan of Works Report and Master Plan, for Rancho Mission Viejo, San Juan Capistrano, California**

Mr. Stuetzel served as project engineer on the preparation of the Plan of Works Report. The proposed development contained 1,423 planned dwelling units, 10 acres of parks, and community facilities. The study was intended as a detailed engineering analysis to size the backbone and neighborhood water, non-domestic



STATEMENT OF QUALIFICATIONS

# Multiple Award Design-Build Contracts (MACC)

## Water, Wastewater, and Stormwater Pipeline Projects

K-17-1518-MAC-3

March 21, 2017

*Submitted to:*

City of San Diego  
Public Works Contracts  
1010 Second Avenue, 14th Floor, MS 614C  
San Diego, CA 92101

*Submitted by:*

TC Construction Co.  
10540 Prospect Avenue  
Santee, CA 92071



*In partnership with*

**Michael Baker**  
INTERNATIONAL



## Table of Contents (not all pages included in page count)

1. Addenda to this RFP .....	1
2. Identification of the Design-Builder... ..	1
3. Exceptions to this RFP.....	1
4. Executive Summary .....	3
5. Experience and Technical Competence .....	5
6. Proposed Method to Accomplish the Work.....	12
7. Knowledge and Understanding of Local “Environment”.....	16
8. Project Organization and Key Personnel.....	17
9. Equal Employment and Contracting Opportunity.....	30
10. Change Order History .....	35
11. Work Force Report .....	37

### 1. Addenda to the RFP

TC Construction Company (TC) is in receipt of Addendum “1” dated March 16, 2017.

### 2. Identification of Proposer

<b>Legal Name:</b>	TC Construction Company, Inc.
<b>Legal Form of Entity:</b>	Corporation
<b>Year of establishment:</b>	1977
<b>Subsidiary:</b>	N/A
<b>Address:</b>	10540 Prospect Avenue, Santee, CA 92071 (main office)
<b>Contact information:</b>	Austin Cameron, President, acameron@tcincsd.com (619) 448-4560, ext. 117
<b>Employees in SD County:</b>	240
<b>Applicable License(s):</b>	City of San Diego Business License Number: B1987004773, exp date 3/31/17  State Contractor’s License Number: 402459, exp date 4/30/17, Classifications A and C21  Professional Engineering/Architect License Number, CA 38217, exp date 3/31/17

### FIRM INFORMATION

### 3. Exceptions to the RFP

TC does not take exception to this RFQ. A signed Certification of Exceptions (Attachment C) can be found in the Subcontractor Documentation section of this submittal.





## 4. Executive Summary

San Diego (City) is a vibrant city with opportunities for enhancements in the coming years. The City is in need of our team to continue assisting with the design and construction of capital improvement projects. The success of your projects depends on a design-build team to **protect the City’s interests, take ownership of the job, and ensure work is completed safely, on time, and on budget. We have proven success with the City.**

**The TCDB Team understands your projects!** We know how to protect the safety of the public water supply, soils conditions, traffic patterns and residential elements through our history of successfully completed nearby projects. We have used this knowledge coupled with information gained through reviewing the bridging documents and discussions with City staff to develop the best, most cost-effective approach for the City.

As it has on past project efforts, the City will directly benefit from the experience of TC and our lead design partner, Michael Baker, each of which has worked extensively with the City on water and pipeline improvement projects. Additionally, the synergy established between the firms over numerous similar projects enables fluid communication and shared knowledge among Team members, as well as full involvement of all personnel throughout the entire process. It allows our Team to identify issues early and consider appropriate, cost-saving solutions; develop more accurate and comprehensive schedule milestones; and provide a smooth transition between the design and construction phases.

### The TCDB Team Knows The City of San Diego

No other team knows your design build projects better than the TCDB Team.

We have been working together with the City for **40 years**, providing a vast array of construction, design, planning, engineering, and architectural services.

### Local Project Management Emphasizes Communication, Value and Quality

**Austin Cameron** will lead our experienced team, as Project Manager and will oversee all members of the team. He has served as the Project Manager for many of the City’s successful design-build projects. Austin will leverage his 26 years of experience as to oversee all members of the team. **John Harris, PE**, will serve as the Design Manager and will manage day-to-day design tasks. His 38 years of experience will warrant a smooth flow of work between the team and ensure the QA/QC process is a priority.

<p><b>TCDB Team: Successful City of San Diego Infrastructure Projects</b></p>	<ul style="list-style-type: none"> <li>✓ Encanto Otay II 42-inch Pipeline</li> <li>✓ Alvarado Trunk Sewer Phase IIIA DB Projects</li> <li>✓ Water Group 554 &amp; 555 DB Project</li> <li>✓ South Mission Valley Trunk Sewer</li> <li>✓ Harbor Drive and Lindbergh Field Cast Iron Pipeline Replacement Projects</li> <li>✓ Sorrento Mesa Recycled Water</li> <li>✓ Water Group 949/Water &amp; Sewer Group 946</li> </ul>
---	--





Through the years, Austin and John have **established working relationships with City staff and key stakeholders** and gained **an intimate knowledge of the projects and potential issues**. John and Austin will be supported by the **same teaming partners** we've worked with on several other City group jobs and the past six City MACC projects, two of which are completed and four are in progress. This qualified pool of staff can perform a variety of functions, which gives us the flexibility to bring in the right person, at the right time, in the most cost-effective manner.

### Essential Design Considerations

We have identified the following essential design considerations to ensure the project is completed on time and to the satisfaction of the various City Departments involved with the project.

- Developing detailed phasing plans and local access management plans to reduce community impact.
- Coordination with homeowners will always continue to be of paramount importance to ensure improvements are made to each property owners' satisfaction.
- Recognition of any long lead time approval items, such as MTS rail crossing approval.
- Completion of topographic surveys and right-of-way mapping to supplement information provided with RFP documents.
- Developing a proactive traffic management plan with consideration to transit stops.

Our leadership consists of experienced managers who have worked with the City and have **established relationships** within the industry, which provides the level of **TRUST** you need to be confident that your goals will be met.

### Construction Imperatives

We have likewise identified construction phase activities essential to success, including:

- Securing **pre-construction approvals** for materials, staging areas and permits to expedite the work as soon as the design process is complete.
- Providing an **efficient construction team** to work quickly in each of the project areas and move on to the next.
- **Michael Baker's in-house survey crews** will provide a smooth transition from design to construction staking
- Providing **clear communication** to all subcontractors, vendors and material suppliers to keep all team members on schedule.
- Performing **asbestos pipe abatement** with a certified third party hazardous abatement contractor as an added step toward the safety of our workers and the community.
- Continue the **proactive community outreach** program through the construction phase and strive to be a "good neighbor" with a high level of public safety awareness.

### TC Construction and Michael Baker

A Trusted Local Team Emphasizing Communication, Value and Quality

A **16+ year relationship** that has successfully put over

**\$50 million of local infrastructure**

in place in San Diego County.





## 5. Experience and Technical Competence

### Three Successfully Completed Projects Within the Past Five Years

The TCDB Team has successfully completed a large number of local design-build projects over the past five years, for both public and private clients. Project descriptions for some of our most recent relevant work are provided below.

#### MACC Task Order 1: Water Group 949 and Water and Sewer Group 946 Design Build Project San Diego, California | TC Construction Company, Inc. / Michael Baker International

**OWNER'S PROJECT MANAGER**

Meryl Jimenez  
 T: (619) 235-1977

**PROJECT TYPE**

Pipeline Replacement

**CLIENT TYPE**

Public

**TOTAL CONSTRUCTION VALUE**

\$8,945,450

TC Construction and Michael Baker provided engineering design and construction services to the City of San Diego for the first design-build project under a Department of Public Works Multiple Award Construction Contract Task Order. TC served as the lead construction firm, and Michael Baker served as the lead design firm for the projects. The TCDB Team provided the City of San Diego engineering and construction services to replace deteriorating cast iron water mains in several City neighborhoods.

The project was executed at three separate sites and involved design and construction services for the replacement of deteriorating 8-inch, 12-inch and 16-inch cast iron water mains, and 8-inch and 15-inch sewer mains with new PVC pipe, as well as improvements to associated fire services, fire hydrants, laterals, valves, pressure reducing stations, sewer laterals, sewer re-plumb laterals and homeowner agreements, and manholes.

**ORIGINAL SCHEDULE / BUDGET**

2013-2015 / \$8,945,450

**ACTUAL SCHEDULE / FINAL COST**

2013—2017 / \$TBD

**CHANGE ORDERS**

2 for Striping Changes & Continental Crosswalks

**LITIGATION / CLAIMS**

N/A

The TCDB Team worked together from the outset of the project to address the technical challenges of this project in a cost-efficient manner. Traffic control elements were developed with the assistance of the City's Traffic Department and the Field Engineering staff, and all pipeline construction work was performed under an approved traffic control plan. Construction phasing plans were developed to address water highling and

permanent connections, as well as the need to perform appropriate cut and plugs or cut-in connections at these locations and to perform hydraulic performance testing, disinfections, and flushing procedures. Phasing plans were also developed to divide the main replacement work into distinct work segments. The TCDB Team worked closely with Water Operations staff to minimize service outage. These plans include coordination with the City's Fire Department to evaluate the appropriate number of fire hydrants that can be taken out of service at any time and







the corresponding City Council office to provide advance notice of the planned water service outage. Construction involved highlining of services within each segment to maintain water service to all residences and businesses as the project proceeded.

Michael Baker was responsible for providing engineering design, environmental monitoring and mitigation, quality control, development of Best Management Practices, water quality, agency coordination, community outreach, project scheduling and construction support.

**Testimonial from Sarah Chavez:**

*“As a Project Manager for MACC 1 from Nov 2013 to Feb 2015, I worked on review and coordination with TC Construction and Michael Baker in the review of the plans at 30, 60 and 100% design. I worked with the coordination with the designer and the client department Public Utilities to address the comments. The DB team was good at being proactive at the bi-weekly meetings, kept minutes of the plan submissions, staying on track with both the design and construction schedules. Asking for follow up information when required for intervention with Caltrans reviews, ADA reviews and PUD reviews. The TC and Michael Baker team are good communicators and are transparent with any changes with the plans. They were good at thinking of cost savings such as performing AC overlay versus extensive digouts on Skyline Ave.”*





**Alvarado Trunk Sewer Phase IIIA Design Build Project**

**San Diego, California | TC Construction Company, Inc. / Michael Baker International**

**OWNER'S PROJECT MANAGER**

Akram Bassyouni  
 T: (619) 533-6902

**PROJECT TYPE**

Pipeline Replacement &  
 Abandonment

**CLIENT TYPE**

Public

**TOTAL CONSTRUCTION VALUE**

\$ 3,775,646

**ORIGINAL SCHEDULE / BUDGET**

2012—2013 / \$3,775,646

**ACTUAL SCHEDULE / FINAL COST**

2012—2013 / \$3,443,702

**CHANGE ORDERS**

Deductive - \$331,944 (Net  
 combination of VE credit and unused  
 Contingency)

NOTE: A Value Engineering credit of  
 \$106,834 was given to the City for  
 switching from jack & bore to open cut  
 for a portion of the 36" sewer main

TC Construction and Michael Baker were teamed together on this project as designer and constructor. The project consisted of the installation of 770' of new 36" PVC trunk sewer by various methods including open cut, jack & bore and hand tunneling. The entire project was directly adjacent to the environmentally sensitive Alvarado Creek and also located within protected species habitat. Two 66" Jack & Bore tunnels with steel casing were installed beneath the Alvarado Creek which required extensive dewatering and treatment. In addition to the dewatering pump system, TC installed two large redundant bypass systems which were hard-lined and operated 24 hours per day. The work also consisted of installing several large diameter sewer manholes in excess of 20' deep, 8" sewer main, 18" storm drain, demolition, grading, asphalt paving, concrete flatwork, pipeline abandonments and revegetation. Due to being located in a sensitive area TC also coordinated and performed stringent noise monitoring with 200' x 16' sound walls as well as archeological, paleontological, Native American and biological mitigation and monitoring. The project finished on time and under budget for both the City and TC Construction. The TCDB team thru the design build process was able to provide the City of San Diego with a value engineering credit of \$106,834 on this project.

**Testimonial from Sarah Chavez:**

*"As a Construction Manager from Apr 2012 to Nov 2013 for Design Build Alvarado Trunk Sewer Phase 3A TC Construction in partnership with Michael Baker created a great team culture by starting off early with teaming meetings to keep the CM and PM team abreast of design build milestones and challenges. Early on they encountered some challenges with subsurface findings in the launching pit that had large cobble. The drilling subcontractor backed out of the contract and the TC and Michael Baker design build team worked with the City of San Diego to substitute the subcontractor, create a new design to overcome the large rock adjacent to the San Diego River in Alvarado Canyon and work collectively with an adjacent contractor to maintain access to both sides of the Canyon without impacting the river's channel. The new design saved the City of San Diego in excess of \$200,000 as well as met the milestone of BO/BU before June 2013. In the process of the design the asset owner informed the DB team of sewer gases in the Adobe Falls Condominiums and the DB team created a venting system to collect the sulfur gases and emit into the air above the rooftops of the condos and attaching to a nearby light fixture."*





**MACC Task Order #15 - Sorrento Mesa Reclaimed Water Main Extension Design Build Project  
 San Diego, California | TC Construction Company, Inc. / Michael Baker International**

**OWNER'S PROJECT MANAGER**  
 Jericho Gallardo  
 T: 619-533-7523  
**PROJECT TYPE**  
 New Recycled Water Pipeline

**CLIENT TYPE**  
 Public

**TOTAL CONSTRUCTION VALUE**  
 \$2,245,419

**ORIGINAL SCHEDULE / BUDGET**  
 2015-2016 \$2,297,400

**ACTUAL SCHEDULE / FINAL COST**  
 2015-2016 \$2,245,419

**CHANGE ORDERS**  
 None

**LITIGATION / CLAIMS**  
 None

TC Construction and Michael Baker provided design build engineering services for over 7,100 feet of 8-inch pipeline to provide 29 new recycled water service connections.

A coordinated plan was developed and public outreach services were provided to minimize impacts to businesses since the water mains are located within six different public streets in heavily traveled commercial zones. Due to public health and safety, design had to maintain separation between potable water mains and the new reclaimed mains.

Michael Baker's team produced a complete design of the recycled water pipeline extension in less than three months under an expedited schedule pushed by drought conditions. Michael Baker's engineers performed field verification of existing utilities to ensure that no conflicts would be encountered during construction despite numerous fiber optic and telecommunication utilities in the area. Where unforeseen dry utility conflicts arose, the team was quick to propose and implement design changes to allow construction work to continue with no delay.



The City's project manager Jericho Gallardo has nominated the Sorrento Mesa Recycled Water Project for an APWA project of the year award, we are currently waiting to hear if it was selected.





### Client References Projects

The following table illustrates the TCDB Team’s experience working together on relevant projects located within the County that employed the same services and capabilities that will be required on City projects awarded via this contract. These projects all required efficient coordination of multiple design disciplines and integration of plans to ensure a precise and constructible product was delivered problem-free.

*Partial List of Sewer Pipeline Improvement Project Experience*

	TC Construction	Michael Baker	Pipe Length (feet)	Rehab/Repair (RR), Replace (R), Upsize (U) New (N)	Condition Assessment	Alignment Assessment	R/W Easement Analysis	Trenchless Design	Public ROW	PS&E	Survey & Mapping	Permitting / Agency Coord.	Traffic Control Plans	Construction Support Services	Environmental
<b>Sewer Group Job 778</b> City of San Diego	✓	✓	27,500	RR, R	8"-15"		✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>La Jolla Scenic Drive Pipeline</b> City of San Diego	✓	✓	1,348	RR, R	8"			✓	✓	✓		✓	✓	✓	✓
<b>Poggi Canyon Trunk Sewer</b> City of Chula Vista	✓	✓	1,000	U	18"-27"			✓	✓	✓		✓	✓	✓	✓
<b>Alvarado Trunk Sewer Phase 3A</b> City of San Diego	✓	✓	800	R, N	36"		✓	✓	✓	✓		✓	✓	✓	✓
<b>Sewer Group Job 946 &amp; 949</b> City of San Diego	✓	✓	28,000	RR,R,U,N	8"-16"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Eastlake Parkway Sewer Connection</b> Chula Vista	✓	✓	746	RR	8"-12"	✓		✓	✓	✓	✓	✓	✓	✓	✓
<b>Crown Point Trunk Sewer</b> City of San Diego	✓		1,810	RR,R,U,N	8"-18"			✓	✓			✓	✓	✓	✓
<b>San Bernardino Avenue Trunk Sewer</b> City of Fontana	✓		18,000	U, N	18"-48"			✓	✓			✓	✓	✓	✓
<b>Balboa Trunk Sewer, City of San Diego</b>	✓		4,500	N	18"-21"			✓	✓			✓	✓	✓	✓
<b>South Mission Valley Trunk Sewer</b> City of San Diego		✓	31,068	R	36"-60"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>North Mission Valley Trunk Sewer Phase I - III</b> City of San Diego		✓	32,000	R	72"-96"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Balboa Avenue and Miramar Road Trunk Sewer Replacement, City of San Diego</b>		✓	20,000	R	15"-36"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Water &amp; Sewer Group Job 816</b> City of San Diego		✓	2,500	RR, R	8"			✓	✓					✓	✓
<b>Sewer Collection System Rehabilitation &amp; Repair Program</b> City of Avalon		✓	5,000	RR	8"-10"	✓		✓	✓	✓		✓	✓	✓	✓
<b>MCRD Basewide Sewer Line Replacement / Repairs</b> NAVFAC Southwest		✓	42,240	RR	6"-30"	✓	✓	✓	✓					✓	✓
<b>MCB Camp Pendleton Base-wide Sewer Repairs</b> NAVFAC Southwest		✓	6,000	RR	21"-30"	✓	✓	✓				✓	✓	✓	✓
<b>Eastside Sewer Repair</b> City of Solana Beach		✓	2,000	RR	8"	✓	✓	✓	✓			✓	✓	✓	✓
<b>Pala Road Trunk Sewer</b> Pechanga Indian Reservation		✓	15,000	N	18"-24"			✓	✓			✓	✓	✓	✓
<b>Pipeline Rehabilitation in the ROW and Easements</b> City of San Diego Metropolitan Wastewater Department		✓	145,000	RR	8"-36"	✓		✓	✓	✓	✓	✓	✓	✓	✓
<b>Santa Ana Regional Interceptor (SARI) Reaches 4A &amp; 4B</b> Santa Ana Watershed Project Authority		✓	58,080	RR	36", 2nd	✓	✓	✓				✓	✓	✓	✓

The San Marcos Vent project for the San Diego County Water Authority is particularly noteworthy. All contract work had to be complete within six months to meet a scheduled water system shut-down. No excuses, no extensions, the work had to be complete! TC Construction worked 24/7 for six weeks following the design approval to construct this \$2M facility around a live 96-inch pipeline. This effort demonstrates TC’s commitment to obtaining the resources needed to meet demanding project schedules. This resulted in recognition by the San Diego Chapters of ASCE and APWA as Outstanding Project of the Year in 2015.





## Design and Build Experience with Wastewater Projects

TC Construction and Michael Baker have contributed to the improvement of local water, sewer and storm drain infrastructure a primary pillar of our practices. We have dedicated substantial resources over many years to this discipline, and have developed a particular expertise in these facilities in urban environments.

An integral part of Michael Baker's design work involves facilitating the seamless integration of all elements comprising complex pumping facilities, and associated pipelines and appurtenances. As a team we achieve this by initially viewing the project holistically, then breaking down the project into its essential components before combining them again. This process synthesizes the diverse expertise of our engineers, and ensures that each component is designed with individual attention, but held to a singular standard of cost-efficiency and functionality.

The TCDB team performed this process, and provided all of the design and construction services required for this contract, on numerous previous water, sewer, pump station and storm drain construction, replacement, rehabilitation and repair efforts in San Diego and throughout the southwestern United States. The following are experience highlights of the TCDB Team:

- ✓ Designed or constructed over 150 miles of water, wastewater, stormwater and recycled water over the past 5 years alone
- ✓ Experience with 10+ City of San Diego pressure reducing stations including SCADA connections
- ✓ Designed or constructed pump stations with total capacity exceeding 100 MGD
- ✓ Experience with appurtenant facilities, such as junction structures, highlining, wastewater by-pass pumping, treatment facilities, cathodic protection and emergency services

The TCDB Team has an extensive and diverse history with the City's Metropolitan Wastewater Department as well as other municipalities and districts in constructing, repairing, maintaining, and operating pump station facilities. Experience includes Citywide Pump Station Upgrade Groups I, III, IV, and Pump Station 84. All of these contracts included upgrading live City Pump Stations and required TC to provide adequate spill protection, bypass plans, and active coordination with Metro staff. Onsite construction and repairs of pumps, motors, emergency generators, pipe and valves, sluice gates and debris fouled wet wells. TC resolved sound proofing and odor control issues as well as off-hour emergencies.

TC has a skilled pump station team that focuses on pumping and treatment facilities. This group has extensive experience with providing repair and retrofit services to upgrade existing facilities while keeping the facility in operation. This experience is supported by the firm's nearly 40 years of pump station construction experience and its corresponding understanding of the various sub-trades involved with such facilities.

TC is also an approved maintenance contractor for the Rancho Santa Fe Sewer District. We have repaired and rebuilt chain flocculators, replaced sewage mixers, pump and motors, and valves, rehabilitated existing concrete surfaces and linings. TC also performs emergency and scheduled repair work for Padre Dam Municipal Water District, Olivenhain Water District, City of San Diego, City of Chula Vista, Otay Water District, The San Diego County Water Authority and several others.





TC will be supported in this role by Michael Baker’s facility design engineers, who have extensive facility design and start-up experience. Michael Baker’s team also includes electrical and control system engineers to facilitate SCADA improvements.

The combined talents of the TCDB team have the capability to address operating, maintaining and repairing pump station facilities under this MACC and will work closely with City operations staff to ensure no loss of service to these critical infrastructure components.

**Number of Facilities Designed and Built Pursuant to a Design-Build Contract**

TC has constructed six design build projects within the last five years alone totaling more than \$20M. Our experience with this delivery method continues to grow as we are currently working on four design-build projects with the City, and two other design-build projects with other municipalities. Over the past 16 years, the TCDB Team have combined resources to work on the following design-build projects:

- ✓ Raw Water Pipeline, MCB Camp Pendleton
- ✓ Poggi Canyon Trunk Sewer, Chula Vista
- ✓ Balboa Park Parking Lot, San Diego
- ✓ Mission Bay Park Parking Lot, San Diego
- ✓ Metro Biosolids Access Road, San Diego
- ✓ Alvarado Trunk Sewer, Phase 3A, San Diego
- ✓ La Jolla Scenic Drive Pipeline
- ✓ Vista Village Sewer Upsize
- ✓ South Mission Valley Trunk Sewer
- ✓ San Marcos Vent, San Diego County Water Authority
- ✓ West Mission Bay Drive Bridge Pipeline Rehab, San Diego
- ✓ Water Group Job, 946 & 949, San Diego
- ✓ Water and Sewer Group Job 1016, San Diego
- ✓ Sorrento Mesa Recycled Water, San Diego
- ✓ Water and Sewer Group Job 816, San Diego
- ✓ Sewer and AC Water Group 778
- ✓ Water Group 554 and 555 Project
- ✓ Harbor Drive and Lindberg Field Cast Iron Pipeline

In addition to these successful project pursuits, the TCDB Team has been unsuccessful on an equal number of project pursuits. The fact that the TC Construction and Michael Baker team has endured for such a long time through wins and loses is a testament to the strength of their relationship and demonstrates the strong commitment needed to be responsive to this MACC contract.

**Record of Timely Completion**

TC maintains an excellent record of timely completion. All completed projects mentioned in the above section were finished within the allowed project duration and current ongoing projects are on schedule with the exception of one project. The Agua Hedionda Design Build Sewer Lift Station Project performed for the City of Vista and Encina Wastewater District unfortunately finished beyond the original scheduled completion date. This is by no fault of TC, a 600HP pump was being offloaded by a crane subcontractor and the rigging strap broke damaging the pump. While the original pump was still used in the interim the replacement pump took 16 weeks to procure and this delayed the final completion of the project.

We are proud of our team’s ability to adapt and be flexible to address site conditions as well as community or client demands. We pride ourselves on developing a collaborative working atmosphere with all parties and strive to do what is best for the project. The TCDB Team has built a strong relationship with the City. Having provided the City nearly 40 years of service we understand that working together is the key to success for the next 40 years.

**Projects Performed as Compared to the Number of Completed on Schedule**

All of our projects were completed on schedule to the owner’s satisfaction; with the exception of the one project mentioned above.





## 6. PROPOSED METHOD TO ACCOMPLISH THE WORK

### Technical and Management Approach to Design and Construction

This section presents our general approach to address the design and construction elements that are generally encountered on City “Group Job” type projects. We have gained valuable experience while working on the task orders issued under the MACCs.

#### Design Elements

**Pipeline Alignment** New mains are generally designed to be “replace-in-place”. This minimizes conflicts associated with reconnecting existing service laterals and eliminates much of the environmental permitting requirements. However, we recognize there are many instances where existing mains are not in compliance with health code separation standards and new alignments must be considered. This review will be performed with the City’s project manager at the initial project kick-off meeting and recommendations will be provided by the TCDB design team.

Pipeline alignments also require special attention to address permitting and environmental requirements. For example, on our recent Group Job 946 and 949 project required coordination and permitting with Caltrans, MTS, the City’s Development Service Department and the California Department of Drinking Water. Additionally, we performed an evaluation of fire hydrant spacing for compliance with current City design guidelines. New fire hydrant locations were developed to comply with the 450-foot spacing for residential land use and 350-feet for commercial use. Where environmentally sensitive areas are included, Michael Baker has a comprehensive staff of environmental planners and biologists that are ready to assist on such alignments and identify construction constraints, such as working outside the breeding season of endangered species.

Michael Baker has a comprehensive staff of environmental planners and biologists that can be used on pipeline alignments that cross environmentally sensitive areas.

All new piping materials and appurtenances will comply with the City’s approved materials list. It is intended that all above-grade appurtenances, such as fire hydrants, meter boxes will be replaced in the same location. Any air and vacuum valves that are currently below grade will be replaced with above-grade installations in compliance with current Department of Health standards. Steel enclosures will be used on all new air and vacuum valves assemblies in accordance with the City approved material list. The location of such enclosures will be coordinated with City staff and our community outreach consultant.

To facilitate positive interaction with City staff, TC participates in the Joint City/AGC/EGCA liaison workshop meetings. The purpose of these meetings is to help streamline the integration of City force work with Contractor work and to identify procedures that can be performed more efficiently for all parties.

**Traffic Control Plan** Plans will be prepared in accordance with the City’s standard traffic control drawings and the MUTCD Watch manual, latest edition. Michael Baker provides full service traffic control engineering and will provide engineered traffic control plans for all major streets





and shop drawings for all other locations. We have successfully utilized this approach on the Harbor Drive pipelines, Torrey Pines and La Jolla Shores Drive pipelines, which are some of the most heavily traveled in the City. Our team has excellent relationships with the City’s Traffic Engineering group and understand the specific requirements needed to secure timely approvals.

**Paving Restoration** All pavement removed during by trenching operations will be restored in accordance with the applicable standard drawings of the City, which are based on the street classification and the type of pavement that was removed. The location of the slurry seal and AC overlays will conform to the paving restoration maps included with the bridging documents for each task order. All existing traffic striping and pavement markers will be replaced following the slurry seal. Adjustments to the slurry seal placement will be made during the design phase to follow any changes/additions to the pipeline replacement alignments. TC will follow City standard drawing SDG-107 for full depth asphalt paving to restore trenches.

**Curb Ramp Installation and Modification** Curb ramps will be provided as indicated in the bridging documents for each task order with the appropriate design detail required to ensure compliance with the ADA standards. Michael Baker’s work on the Harbor Drive Pipelines project required a number site specific designs to remove existing improvements and replace at the required elevations to meet longitudinal path of travel and cross slopes. This work also required approval from the City’s ADA Compliance Office. Our team also recently replaced 10 challenging ADA access ramps for the paving projects in Mission Bay and Balboa Parks. Michael Baker utilized its survey crews and ADA access specialists to develop site specific designs to meet ADA standards and work within the existing topography. Existing historic stamps identified within each task order area will be also protected or removed and reset.

Michael Baker provides land surveyors and ADA Access specialists to ensure all new curb ramps are in compliance with the latest ADA standards.

**Highlining, Cut & Plug, Connections to Existing Mains, Cut-In**

**Connections and Phasing Plan** The design plans will include highline, cut-in and cut and plug plans to be followed by TC. These plans will work with the phasing plan to identify the locations of temporary cut and plugs and/or cut-in locations, which TC will install to isolate segments under construction. The cut and plug plan will include pressure testing, disinfections and flushing procedures and thrust restraint measures. Our team is also experienced in providing fire hydrant coverage maps for review and approval by the Fire Department. These maps assist the Fire Marshall in determining hose coverage lengths when specific hydrants are out of service.

The phasing plan will divide the project into distinct segments with consideration given to traffic access to residences, commercial operations, schools and recreational facilities, hydraulic service, and fire hydrant outage. Segments will identify specific work zones where the pipelines will be removed, replaced and returned to service before moving onto the next segment. Once the Phasing Plan is developed, a highline plan can be finalized which will establish temporary potable water service to all users within the segment that is under-construction. We plan to work closely with







the City's Design Division, Water OPS Supervisor, and the City's Fire Department to devise the phasing plan that meets the needs of all parties and results in an efficient construction operation.

Water conservation is an important concern during the current drought conditions and we appreciate the public perception of wasting water during disinfection and flushing operations. On recent group jobs this topic has been raised by a number of community members and has been the topic of EGCA and City Field Engineering coordination meetings. We also recognize the public safety issue involved with conducting proper disinfection and flushing of new pipelines. To combat the impression of wasting water, instead of allowing the hydrotest flushing water to run down the gutter into the storm drain system, TC will implement a system of dechlorinators and fire hoses to dechlor the water used during this procedure to zero PPM and pipe the water directly to the discharge point.

**Best Management Practices (BMP)** TC is intimately familiar with the need and importance of installing appropriate BMP's for linear construction projects. It's especially important as storm runoff from most projects will either enter the Pacific Ocean or San Diego Bay. TC has an outstanding track record for installing and maintaining BMP's on similar City Water and Sewer Group Job projects and is knowledgeable of the City's specification for stormwater and erosion control measures. Our staff is also thoroughly trained in the new general construction permit and our senior QA/QC leaders are QSP certified. TC will also pledge to maintain the BMP's once installed and work diligently through rain events to ensure BMP's do not cause flooding or impact travel lanes. Damaged BMP's will be restored.

**Environmental Testing, Monitoring & Mitigation** Though most Group Jobs require replace in place techniques, there are occasions where new pipeline alignments are required and as such, cultural resource monitoring may be required. When required by the project's MND, we propose to have appropriate Native American, archaeological and/or Paleontological monitors at the construction site to observe excavated materials and report the presence of any cultural artifacts and will submit appropriate monitoring documentation to MMC staff as required.

### Construction Elements

Construction of all Group Job type projects require an integrated approach of the design team, City OPS staff, City Field Engineering staff and the entire TC team. Due to their linear nature, where phases of work must be completed in sequence, projects will require many coordination elements, look-ahead planning and, most importantly, experience gained on similar projects to reach a successful outcome. The Construction Plan includes a number of key elements that will be employed on all task orders to expedite the project completion and minimize impacts to the community. Elements include:

**Construction Approach and Methods** We propose to begin construction immediately following the approval of the 100% plans. During the design phase, TC will complete the submittal review process for all materials (a letter of record for all proposed materials that are on the City approved materials list will be submitted); obtain approval of our detailed project schedule; obtain approval





for the traffic control plans; prepare and obtain approval of the WPCP and SWPPP; complete required potholing of existing utilities; coordinate with the City’s Public Information officer (PIO) and hold the initial community group meetings as appropriate. We understand the importance of these pre-construction activities and will strive to have them complete at the same time as the design plans are approved for construction. Depending on the project scope, we typically have multiple crews working within a project area. In general the following crews are on-site.

- Saw-cutting crew
- Pipeline installation crew
- Service lateral or hydrant installation crew
- Paving crew
- Clean-up crew

**Cut and Plug Schedule** When cut and plug work is required, this work will be complete on Sunday evenings to minimize the impact service shutdown. All approval of the cut and plug schedule will be obtained from the City’s RE prior to construction.

**Service Transfers** Whether water or sewer service laterals, transfer of services from existing pipelines or highlines to the new pipeline will be performed in a manner that minimizes inconvenience to the customer. Most sewer service transfer between pipelines will be completed at night when the daily low flows occur. TC will work with the City’s RE for a best fit approach to these conditions. The key to this element is flexibility and doing what is right for the project and the community.

**Good Neighbors** TC takes pride in being a good neighbor when moving into a community to improve its infrastructure. We work hard to ensure the job site is always clean and safe. We own and maintain street sweepers that are used on a daily basis to keep the project area clean and minimize sediment transport. We track and log the installation and maintenance of our project BMPs to ensure they are kept in proper working condition throughout the project’s duration. We strive to replace traffic loops as soon as possible after they have been damaged to minimize service disruption. Most importantly, we place a strong emphasis on community partnering to advise affected residents, schools, businesses and churches of our upcoming work areas and we seek their input on upcoming activities where we can adjust our schedules to minimize impacts. We look forward to working with the City PIO to develop and implement a Good Neighbor Plan.

**Lines of Communications Necessary to Maintain Schedules**

The TCDB Team is committed to meeting the schedule demand for all task orders. This will be achieved through up-front planning and inclusion in the project work plan that will be developed. A key element is developing a comprehensive scope of work from the outset of the task order which includes all long term lead items, such as external agency permit acquisition or specialty procurement items. The benefit of the TCDB Team is we have worked for the City for close to 40 years, we understand the details to complete projects and understand the elements of the local environment. In short, there are no surprises and no learning curve associated with our team that will delay our schedule date of completion.

Delivering quality infrastructure projects on time will be the foundation of the TCDB Team





## 7. KNOWLEDGE AND UNDERSTANDING OF LOCAL ENVIRONMENT

---

With more than \$1 billion in construction activity in the last 40 years, the majority of it in San Diego County, TC is an established leader in the Southern California construction industry. We have worked extensively with the City and are pre-qualified with the City for projects valued up to \$37,885,000.

Amassing the aforementioned local experience has involved extensive interfacing with many public agencies, immersing ourselves in their individual cultures and fostering long-term working relationships with key personnel in order to gain intimate familiarity with their policies, regulations and procedures. In addition to our knowledge on those subjects as they pertain to the City, we are also acutely aware of the challenges facing the City and how we and the rest of the TCDB Team can help face and overcome the myriad of obstacles facing the City and expedient completion of its infrastructure projects.

The TCDB Team is familiar with nearly every community within the City's jurisdiction through over 100 projects and task orders completed for the agency over the past two decades. We understand the geography, make-up, geotechnical conditions, plant and animal species (endangered and otherwise), environmental concerns, obstacles and opportunities as well as the inhabitants of individual neighborhoods and their composition, concerns, opinions and civic pride. Our goal is to be as non-invasive and respectful as possible in concern to local residents, businesses and the operations of communities. Our job is to enhance these areas and we remain conscious of this overriding mission at all times over the course of our projects. Additionally, TC and Michael Baker coordinate with regulatory and client agencies to ensure we are adhering to all environmental and procedural requirements.

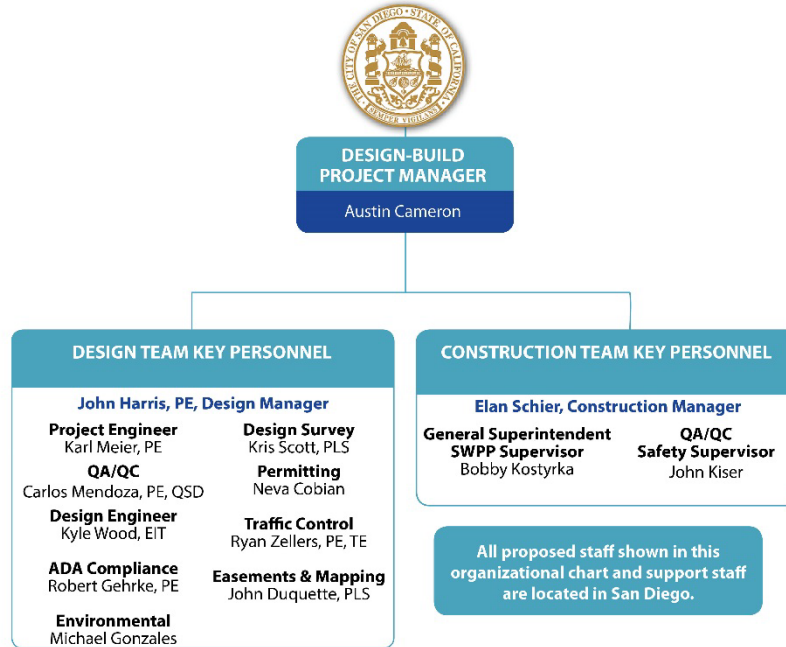
We have experience with nearly every City department as well as the County of San Diego; San Diego Unified Port District; municipalities and utility agencies surrounding San Diego; school and transit districts; Caltrans and California state regulatory agencies; the federal government; Department of Defense; local tribal governments; and all dry utility companies. Our local knowledge extends to the final users of our projects...the City Water and Sewer OPS. We recognize they need to live with our construction for many years and we take pride in completing a first-class facility that will be functional for years in the future.





## 8. PROJECT ORGANIZATION AND KEY PERSONNEL

### Organizational Chart and Responsibilities of Key Personnel



### Role and Responsibilities of the Design-Builder

Overall project coordination will be the responsibility of the Design-Build Project Manager, **Austin Cameron**, who will work with Construction Manager **Elan Schier** and Engineering Design Manager **John Harris** to determine the most suitable personnel to fulfill the City’s needs based on the specific details surrounding individual task orders assigned under this contract. Mr. Schier and Mr. Harris will work together during the project’s preliminary design phase to identify critical design and construction elements that will be needed to meet the requirements of the project, City standard policies and procedures, and will set the guidelines to be followed by the rest of the team.

In addition to top-level managers, the TCDB Team identifies individuals who will be responsible for providing support services in the areas of survey and mapping, environmental planning, natural resources, CEQA compliance, construction safety and quality assurance/control (QA/QC). These individuals have worked together as part of TC and Michael Baker project teams as well as design-build teams assembled to work on projects for the City and other similar local agencies.

Over the past 16 years, TC and Michael Baker—both of which are local firms with a long-standing, positive working history throughout San Diego County—have developed a strong professional and personal relationship that will help move the team forward to the common goal of ensuring delivery of successful projects on-time or ahead of schedule and within established budgets.





### Utilization of Local Firms and Understanding of Local Laws

The TC Design-Build Team ensures that we will meet or exceed the mandatory minimum subcontractor participation percentages established by the City of San Diego for all upcoming MACC RFQ's. We will continue to partner with local ELBE/SLBE and DVBE certified firms to achieve this goal and to unequivocally demonstrate our commitment to equal opportunity subcontracting. In an effort to provide more SLBE/ELBE firms the opportunity to work on City contracts, we are proud to announce several new relationships that we are currently building with firms we have met through the City of San Diego's SLBE outreach events such as Landmark Consulting, Pacific Plumbing, Cook + Schmid and VO Engineering and Piperin Corp. The TCDB team shares over ten years of teaming experience and together we are very aware of local laws, ordinances, regulations, policies and permitting. One of the particularly critical elements that our team addresses are the dangers associated with proper removal and disposal of AC Asbestos Cement pipe. The TCDB team chooses to go the extra mile, rather than self-performing this work we hire a local hazardous abatement specialist such as the Casper Company to perform this work.



In collaboration with our hazardous abatement specialist a site specific plan is developed for every project that has AC pipe or hazardous materials. A discussion of this operation is presented to the City, local stakeholders and shows our commitment to conducting business safely within the community.



### Commitment of Key Personnel

TCDB Team will not make any changes in its composition without prior approval of the City, and even then, only when extenuating circumstances beyond the companies' control dictate alteration.

### Resumes of Key Personnel

Resumes for the TCDB Team key personnel are provided on the following pages.



**Austin Cameron**  
**Design-Build Project Manager | TC Construction Company, Inc.**

**EDUCATION:**

- BS, Business, University of California, Santa Barbara
- Certificate of Training, Managing Delays, Acceleration & Inefficiency
- Certificate of Completion, AGC Construction Supervisor
- Certificate of Completion, Primavera Planning & Scheduling
- Certificate of Completion, Estimating Concrete Construction

**REGISTRATIONS:**

- California State Contractors License
- Certified Competent Person, OSHA

**PROFESSIONAL AFFILIATIONS:**

- American General Contractors
- Building Industry Association
- Engineering American Contractors Association

Mr. Cameron’s history of experience starts 20 years ago starting at TC Construction as a laborer in the field and progressing through all the trades of underground construction to the last 7 years as a partner and president, including work with above and below ground pump stations, flow control facilities, sewage lift stations, trunk sewers, concrete and structural demolition, steel water mains, PVC water mains and large diameter storm drain facilities. He has worked with the Cities of San Diego, Carlsbad, Imperial Beach, National City, Chula Vista, San Marcos, Oceanside and Poway, the Otay Water District, Olivenhain Water District, Rancho Santa Fe Community Sewer District, Leucadia Wastewater District, Vallecitos Water District, San Diego County Water Authority, EPA, USDA and other San Diego County agencies. He is skilled in job cost estimating and construction management of large, complex projects. He has proven his ability to manage and coordinate numerous vendors, subcontractors and in-house construction activities. As the Design-Build Project Manager, he will coordinate all resources within the TCDB Team to ensure that the requirements and project milestones of each project awarded under this contract are met.

**Project Experience**

**Water Group Job 949 and Water and Sewer Group Job 946 Design-Build Projects** (San Diego, CA) – Design Build Project Manager responsible for providing construction services to the City of San Diego for the first Design-Build project under a Department of Public Works Multiple Award Construction Contract Task Order. The project was executed at three separate sites and involved design and construction services for the replacement of deteriorating 8-inch, 12-inch and 16-inch cast iron water mains, and 8-inch and 15-inch sewer mains with new PVC pipe, as well as improvements to associated fire services, fire hydrants, laterals, valves, pressure reducing stations, sewer laterals, sewer replumb laterals and agreements, and manholes.

**Alvarado Trunk Sewer Phase 3A Design-Build Project** (San Diego, CA) - Design Build Project Manager responsible for providing construction services replacement of 800 feet of the 24-inch Alvarado Trunk Sewer with 36-inch pipe and construction of the new alignment outside of the Alvarado Creek wetland habitat. The project consisted of jack and bore trenchless tunneling for 600 feet of the pipeline and pipe ramming technology for the other 200 feet. The project additionally replaced approximately 500 feet of 8-inch collector sewer lines with new 12-inch pipe. Construction had to be completed outside of breeding season, between September 15th and March 15th, during the rainy season. Timing and efficient performance were critical to avoid a rain event





and potential flooding. Michael Baker also had to coordinate closely with the adjacent Home Owners Association, and with San Diego State University.

**Otay Water District 450-1 Recycled Water Reservoir and 680-1 Recycled Water Pump Station (San Diego County, CA):** Construction Manager for this project, which consisted of a 12 MG recycled water reservoir tank along with a 17.3 MG per day recycled water pump station and appurtenances for the Otay Water District. This project construction cost was \$14,740,000.

**Vallecitos Water District 3.5 MG North Twin Oaks Tank (San Marcos, CA):** Construction Manager for this project, which consisted of mas grading and blasting, a 3.5 MG steel tank, various drainage structures, 1,000 lf of steel pipe, curb and gutter, fencing, paving, brow ditches and electrical instrumentaion for the Vallecitos Water District. This project was valued at a construction cost of \$4,400,000.

**Otay Water District 711-3 Reservoir (San Diego County, CA):** Construction Manager for Phase III of this project, which was successfully completed for the Otay Water District. Phase III which consisted of a 16 MG reservoir and associated piping and buildings. This project was valued at a construction cost of \$4,584,700.

**4S NBHD 3 Pump Stations (San Diego, CA):** Construction Manager for this project, which consisted of construction of an above grade masonry building with a below grade wet well/dry well, two horizontal sewage non-clog pumps and controls, emergency generator, all associated valves, piping and appurtenances. This project was valued at a construction cost of \$2,657,000.

**Famosa Accelerated Sewer and Water (San Diego, CA):** Construction Manager for this project, which consisted of replacement of 11,000 lf of eight-inch and 16-inch water mains, 250 each one-inch water meter services and trench restoration. This project was valued at a construction cost of \$3,700,000.

**Thomas E. Levy Groundwater Replenishment Facility Coachella Dike #4 Pump Station and Recharge Basins (Indio, CA):** Estimator/Project Manager for this project, which consisted of a 28,000 GPM raw water pump station with three vertical turbine pumps and two 500,000 gallon steel reservoirs, 39 individual recharge basins totaling 163 acres, 7,000 lf of 18- and 48-inch piping, 11,000 lf of telemetry conduits and water level monitoring stations. The project construction cost was \$12,600,000.



**Elan Schier**  
**Construction Manager | TC Construction Company, Inc.**

**EDUCATION:**

- Coursework, Grossmont College
- Certificate, AGC Storm Water Management
- Certificate of Training, Managing Delays, Acceleration & Inefficiency
- Certificate of Completion, SSPWC Greenbook Principles
- Certificate of Completion, Primavera Planning & Scheduling
- Certificate of Completion, City of San Diego Traffic Control Plan Preparation and Procedures
- Certificate of Completion, AGC Project Management Class

**PROFESSIONAL AFFILIATIONS:**

- American General Contractors
- Engineering American Contractors Association

Mr. Schier’s history of experience includes work with PVC, steel and ductile iron water mains, complicated highline systems, force main and gravity sewer systems, structural and surface demolition, pressure reducing stations and large diameter storm drain facilities. He has worked with nearly every major municipality in San Diego County and is familiar with all major specification manuals concerning underground construction. Mr. Schier is proficient with estimating and project management software as well as critical path method scheduling. He currently focuses on public works job cost estimating and construction management of complex local projects. He has proven his ability to manage and coordinate numerous vendors, subcontractors and in-house construction activities. As a construction manager, he will coordinate all construction activities and ensure that all project milestones are met. Mr. Schier currently manages a majority of TC Construction’s projects with the City of San Diego and is currently managing four City of San Diego Water & Sewer Group Projects which are all scheduled to be complete in the next three months.

**Project Experience**

**Water Group Job 949 and Water and Sewer Group Job 946 Design-Build Projects (San Diego, CA)** – Estimator and Construction Manager responsible for providing construction services to the City of San Diego for the first Design-Build project under a Department of Public Works Multiple Award Construction Contract Task Order. The project was executed at three separate sites and involved design and construction services for the replacement of deteriorating 8-inch, 12-inch and 16-inch cast iron water mains, and 8-inch and 15-inch sewer mains with new PVC pipe, as well as improvements to associated fire services, fire hydrants, laterals, valves, pressure reducing stations, sewer laterals, sewer replumb laterals and agreements, and manholes.

**Alvarado Trunk Sewer Phase 3A Design-Build Project (San Diego, CA)** - Estimator and Construction Manager responsible for providing construction services replacement of 800 feet of the 24-inch Alvarado Trunk Sewer with 36-inch pipe and construction of the new alignment outside of the Alvarado Creek wetland habitat. The project consisted of jack and bore trenchless tunneling for 600 feet of the pipeline and pipe ramming technology for the other 200 feet. The project additionally replaced approximately 500 feet of 8-inch collector sewer lines with new 12-inch pipe. Construction had to be completed outside of breeding season, between September 15th and March 15th, during the rainy season. Timing and efficient performance were critical to avoid







a rain event and potential flooding. Michael Baker also had to coordinate closely with the adjacent Home Owners Association, and with San Diego State University.

**City of San Diego Crown Point Trunk Sewer Project (San Diego, CA)** - Estimator and Construction Manager for this project, which consisted of 1,810 feet of open cut 8-inch through 18-inch sewer as well as some unique construction elements, including 910 feet of 18-inch jack and bored sewer within a 36-inch steel casing, performed in over 20-foot deep groundwater directly adjacent to Mission Bay and a protected migratory bird sanctuary. This project required careful community coordination, handling of numerous subcontractors and a compressed schedule. Mr. Schier was responsible for a value engineering proposal presented to the City of San Diego, which saved \$55,640. This project had a construction cost of \$3,111,620.

**City of San Diego Famosa Accelerated Water and Sewer Replacement Project (San Diego, CA)** - Estimator and Construction Manager for this project, which consisted of approximately 8,200 feet of 8-inch and 10-inch sewer and 11,400 feet of 8-inch, 12-inch and 16-inch water and related appurtenances. This project is one of several City group jobs that Mr. Schier has been directly involved with that is nearly identical in nature to the upcoming MACC project pipeline task orders. This project also had specific environmental constraints due to be adjacent to the Famosa Slough. This project was valued at a construction cost of \$3,584,213.

**City of San Diego Otay II North Encanto Replacement Project (San Diego, CA)** - Estimator and Construction Manager for this project, which consisted of approximately 7,500 lf of 42-inch welded steel CMLC water main. This new water transmission main had several individual critical timeline milestones that needed to be met according to City Water Operations shutdown deadlines. The work also included new pedestrian ramps, a large asphalt overlay, slurry sealing and the abandonment of 5,043 lf of existing 36-inch SCRW pipe with cellular grout. This project had a construction cost of \$5,674,358.

**City of San Diego Water Group 909 (San Diego, CA)** - Estimator and Construction Manager for this project, which consisted of approximately 19,500 feet of 8-inch and 12-inch water main and related appurtenances. The work also included pedestrian ramps, slurry sealing, concrete flatwork and AC overlay. This project is currently 99% complete and is in the punch-list final walk thru phase. This project was valued at a construction cost of \$2,846,252.

**McMillin Homes Naval Training Center (San Diego, CA)** - Construction Manager for this project, which included building and flatwork demolition, removal and remediation of hazardous material, sewer, water and storm drain improvements within and around existing sensitive and historical surface conditions. This project was valued at a construction cost of \$7,000,000.





**John Harris PE**  
**Engineering Design Manager | Michael Baker International, Inc.**

**EDUCATION:**

MS, Civil Engineering, San Diego State University

BS, Civil Engineering, San Diego State University

Design-Build Workshop, EGCA

**REGISTRATIONS:**

Civil Engineer (CA), 1984, 38217

**PROFESSIONAL AFFILIATIONS:**

American Public Works Association

American Society of Civil Engineers

Construction Management Association of America

Society of American Military Engineers

Mr. Harris serves as the head of Michael Baker’s Water Resources Department. He will be responsible for engineering leadership and dedication of resources to meet the needs of projects assigned under this contract. He will be involved in the project kick-off and design oversight. His 37 years of experience include system evaluation, design, construction management, value engineering, economic analysis, environmental documentation and permit preparation and processing.

**Project Experience**

**Water Group Job 949 and Water and Sewer Group Job 946 Design-Build Projects (San Diego, CA)** - Design Manager responsible for project management. Michael Baker provided engineering design services to the City of San Diego for the first Design-Build project under a Department of Public Works Multiple Award Construction Contract Task Order. The project was executed at three separate sites and involved

design and construction services for the replacement of deteriorating 8-inch, 12-inch and 16-inch cast iron water mains, and 8-inch and 15-inch sewer mains with new PVC pipe, as well as improvements to associated fire services, fire hydrants, laterals, valves, pressure reducing stations, sewer laterals, sewer replumb laterals and agreements, and manholes.

**Alvarado Trunk Sewer Phase 3A Design-Build Project (San Diego, CA)** - Project Manager responsible for the design-build replacement of 800 feet of the 24-inch Alvarado Trunk Sewer with 36-inch pipe and construction of the new alignment outside of the Alvarado Creek wetland habitat. Michael Baker employed jack and bore trenchless tunneling for 600 feet of the pipeline and pipe ramming technology for the other 200 feet. The project additionally replaced approximately 500 feet of 8-inch collector sewer lines with new 12-inch pipe. Construction had to be completed outside of breeding season, between September 15<sup>th</sup> and March 15<sup>th</sup>, during the rainy season. Timing and efficient performance were critical to avoid a rain event and potential flooding. Michael Baker also had to coordinate closely with the adjacent Home Owners Association, and with San Diego State University. Michael Baker provided survey topography for design purposes and set monitoring points at the closest residence at the west end of the project to observe any disturbance during construction.

**Harbor Drive / Lindbergh Field Cast Iron Pipeline Replacement (San Diego, CA)** - Project Manager for the replacement approximately seven miles of cast iron water pipelines beginning at Catalina Drive in Point Loma and ending at the bridge on North Harbor Drive, as well as a 16-inch cast iron water pipeline that begins in front of Lindbergh Field and ends at the intersection of





Laurel Street and Pacific Highway. The project also includes replacement an existing waterline that extends onto airport property and two pressure reducing stations. Coordination with the airport, Port of San Diego, City of San Diego, utilities and community groups is essential.

**Torrey Pines Road / La Jolla Boulevard Water Main Replacement (San Diego, CA) -**

Principal in Charge of design of a 16-inch water main to replace the main between the intersection of La Jolla Shores Drive and Prospect Place, and Torrey Pines Road and Paseo Dorado. Work included design for replacement of valves and reconnecting waterline services to the new main, as well as investigations; preliminary and final design; obtaining plan check approvals; acquiring permits; survey studies/utility locating; traffic plans; environmental assessment coordination; estimates; schedules; and bid phase support.

**MACC Task Order 11: AC Water and Sewer Group 1016 (San Diego, CA) -**

Design Manager for these City of San Diego Water Group Projects, which involved the replacement of deteriorating cast iron water mains in three separate City neighborhoods with new 8-inch, 12-inch, and 16-inch PVC piping. The projects were located within major thoroughfares and numerous residential streets, requiring thorough traffic control planning. Construction phasing plans were developed to address required connections to a number of branch pipelines, and to perform appropriate cut and plugs or cut-in connections at these locations and to perform hydraulic performance testing, disinfections, and flushing procedures.



## **Carlos Mendoza, PE, QSP** **QA/QC | Michael Baker International, Inc.**

### **EDUCATION:**

B.S., Hydrology and Water Resources, University of Arizona, 1993

Graduate Studies, Civil Engineering (Water Resources/Hydraulics) SDSU

MBA Business Administration, California State University, San Marcos 2000

Certifications/Registrations  
CA, Professional Engineer - Civil, 2001, 60470

Carlos has decades of progressively responsible Civil engineering experience up to Director Level, including nine years in public service. Carlos recently managed 20 task orders serving as program manager and project manager for many projects under the 2011 City As-Needed Civil Engineering, accepting project of the year awards on two tasks. Carlos' agency experience helps him tailor successful approaches to each challenge. 11 of his recent projects won awards at the local, regional, and national level of ASCE and APWA, seven of them for the City.

### **Project Experience**

- City of San Diego As-Needed Engineering Services
- City of San Diego Sewer and AC Water Group 778
- Vallecitos Water District. Linda Vista East Trunk Sewer Upsize and Realignment
- York Drive Sewer Replacement Project (Vista, CA)
- 48-Inch to Dual 42-Inch Siphon Harbor Drive Emergency Sewer Rehabilitation (San Diego, CA)
- La Jolla Scenic Drive Water & Sewer Pipeline Project (San Diego, CA)



**Bobby Kostyrka**  
**Site Superintendent / Supervisor | TC Construction Company, Inc.**

**REGISTRATIONS:**

AGC Construction Supervisor,  
Construction Law, Project  
Manager

OSHA, Certified Competent  
Person, Confined Space  
Awareness, OSHA 10 Hour

OSP Certified  
SWPP Certified

Mr. Kostyrka has 14 years of experience including work with HDPE, concrete, steel and PVC water mains; and large diameter storm drain facilities. He has worked with the City of San Diego and numerous other municipal agencies throughout San Diego County. Mr. Kostyrka is skilled in construction management of larger, complex projects and has proven his ability to coordinate crews, subcontractors and in-house construction services.

**Project Experience**

- City of San Diego MACC Task Order 1: Water Group 946 and Water and Sewer Group 949 Design-Build Project (San Diego, CA)
- City of San Diego Alvarado Trunk Sewer, Phase 3A, Design-Build Project (San Diego, CA)
- City of San Diego Water and Sewer Group Jobs 909, 781, Famosa Accelerated (San Diego, CA)
- City of San Diego Water 42” CMLC Otay II Pipeline (San Diego, CA)
- Helix Water District 48” CMLC Pipeline (San Diego County, CA)





**Karl F. Meier PE**  
**Project Engineer | Michael Baker International, Inc.**

**EDUCATION:**

BS, Civil Engineering, New Mexico State University

**REGISTRATIONS:**

Civil Engineer (CA), 2007, 71713

OSHA 30-Hour Construction Outreach Training

ACI Concrete Field Testing Technician - Grade 1, California, 2011, 01214772

Karl has extensive experience in the preparation of construction plans, specifications and cost estimates for large water, wastewater, and storm water projects. Karl's previous employment as the Engineering Manager of a southern California water district has provided him with an advanced understanding of water distribution facilities and operations.

**Project Experience**

- City of San Diego Water Group Job 939 (San Diego, CA)
- Olivenhain Municipal Water District Water Pipeline Program (Encinitas, CA)
- Eastern Service Area Secondary Connection Project (Padre Dam)
- Montecito Water District As-Needed Engineer (Montecito, CA)
- Port of Long Beach Pier C Sewer Abandonment (Long Beach, CA)
- El Toro Water District- Water and Sewer Master Plans (Orange County, CA)
- Elsinore Valley Municipal Water District - Ramsgate 1701/1801 Pump Stations (Lake Elsinore, CA)





**Kyle Wood EIT**  
**Design Engineer | Michael Baker International, Inc.**

**EDUCATION:**

BS, Civil Engineering, Lawrence Technological University

**REGISTRATIONS:**

Civil Engineer (CA), 2007, 71693

**PROFESSIONAL AFFILIATIONS:**

American Membrane Technology Association

Southwest Membrane Operations Association

WaterReuse Association

Mr. Wood’s experience in sewer and storm drain inspections and evaluations. Mr. Wood works closely with Michael Baker’s pipeline assessment group in sewer and storm drain database management, pipeline assessment, pipeline repair and cost estimating. He has evaluated and reviewed over 100 miles of sewer and storm drain pipelines.

**Project Experience**

- Rancho California Water District, Sewer Video Survey and Condition Assessment
- City of Avalon, Sewer Collection System Rehabilitation and Repair Program
- City of El Cajon, Sewer System Inspection, Repair and Rehabilitation Program
- City of San Diego Sewer and AC Water Group 778
- City of Santee, CMP Storm Drain Pipe CCTV Inspection/Condition Assessment
- City of El Cajon, CMP Storm





### **Staffing Level**

**Austin Cameron, Design-Build Manager:** Mr. Cameron will act as the TCDB Team liaison to ensure that the City’s needs and expectations are clearly understood and communicated to the project team. Mr. Cameron will facilitate the building of relationships between the City and TCDB Team design and construction personnel to ease and encourage direct client-consultant communication. Mr. Cameron will be responsible for ensuring project assignments, schedules and accountability are clearly defined and monitored through open lines of communication, operating under our proven project management program. This approach allows us to respond to any City needs or critical issues that may arise with confidence and efficiency. Mr. Cameron will be dedicated throughout all phases of projects issued under this contract. His involvement will be as essential in the design development phase as throughout construction and on through successful post-construction close out. **Mr. Cameron will be approximately 35% committed during design and 25 % during construction.**

**Elan Schier, Construction Manager:** Mr. Schier will be designated as Construction Manager and will serve as the main point of contact with the City. He will be responsible for daily planning and execution of all field work, including scheduling and directing subcontractors on the job site; maintaining on-site records as required; and managing control of materials and equipment installation while monitoring the completed work for compliance with the contract drawings, including specifications. **Mr. Schier will be approximately 50% committed to the project during design and 85% during construction.**

**John Harris, Engineering Design Manager:** Mr. Harris will lead engineering design efforts and be involved in project meetings with the City and Contractor throughout the design and construction phases. He will have overall responsibility for coordinating engineering design effort, management of design subconsultants, quality control and construction support services. **Mr. Harris will be approximately 75% committed to the project during design and 25% during construction.**

**Bobby Kostyrka, General Superintendent will be 50% committed during construction.**

### **Changes to the Team Composition**

TC and Michael Baker are carrying over many of the same experienced team members from the successful first and second MACC requests, this continuity will prove important to continued success. No team member shown in the organizational chart will be substituted without prior approval by the City.







## 9. EQUAL EMPLOYMENT AND CONTRACTING OPPORTUNITY

### Work Force Report

TC’s work force report can be found in the Subcontractor Documentation section of this SOQ.

### Equal Opportunity Assurances

For this contract, the TCDB Team confirms our commitment to small and disadvantaged business enterprises through the amassing of a “bench” of certified subcontractors and subconsultants we will call on per the technical requirements of specific task orders assigned under this MACC to provide services, equipment and materials. Our bench is extensive and includes firms we know to be of exceptional quality, with the niche expertise and sufficient resources to meet the needs of our Team and the City. The following is a partial list of our available bench of subconsultants and subcontractors:

Allied Geotech. Eng. (elbe/dbe), Subconsultant	Miramar General (ELBE) Subcontractor
Coastal Pipeline Services (ELBE), Subcontractor	Payco Specialties (SLBE) Subcontractor
Cook & Schmid (ELBE) Subcontractor	Piperin Corp (ELBE) Subcontractor
Draves Pipeline (dvbe), Subcontractor	RAP Engineering (SLBE) Subcontractor
F&L Fuels & Lubricants Corp. (dvbe), Subcontractor	RF Yeager (SLBE) Subcontractor
G. Scott Asphalt (slbe/dvbe), Subcontractor	Soclaris Contracting (SLBE/ELBE), Subcontractor
Global Environmental Network (DVBE) Subcontractor	SRK Engineering (ELBE) Subcontractor
Hudson Safe-T-Lite (slbe/wbe), Subcontractor	Sutherlin Contracting (SLBE), Subcontractor
In-Line Fence & Railing (slbe), Subcontractor	Terra West Inc. (SLBE), Subcontractor
Landmark Consulting (SLBE) Subcontractor	The Bodhi Group (ELBE), Subcontractor
Loveless & Linton (SLBE), Subcontractor	Vic Salazar Communications (elbe), Subcontractor
Luzach Striping (SLBE) Subcontractor	VO Engineering (ELBE) Subcontractor
McGrath Consulting (ELBE), Subcontractor	

### Recruitment Practices

While we are confident in the expertise and abilities of our bench firms, the TCDB Team’s general plan to meet its commitment to the City’s EOCP goals includes utilizing various avenues, including trade and focus publications, providing written notices to local organizations or groups for assistance in contacting and recruiting underrepresented firms, emailed and/or faxed Invitations to Bid for certified firms with follow-up phone calls. We do this to advertise subcontracting/subconsulting opportunities to provide maximum opportunity for SLBE, ELBE, and DVBE firms to participate as part of our project teams and ensure the City’s subcontracting goals are met or exceeded in every case.

**Equal Opportunity Employment:** Both TC and Michael Baker are committed to recruitment, retention and promotion of qualified individuals regardless of gender, race, religion, physical disabilities or any other similar factors. We share the belief that a diversely populated, managed and led company is a rich company—rich in knowledge, ideas, perceptions, points of view, creativity, understanding, respect and compassion. The confluence of different cultures and perspectives such employment practices bring forth translates to open communication and





collaboration, constant innovation and quality assurance, client satisfaction and profitability. To further foster a diverse workforce, Michael Baker provides immigration assistance and consistently has roughly a dozen people in some stage of the immigration process at all times.

**Recruitment, Hiring and Training Strategies:** TC and Michael Baker extend themselves in all of the usual ways when it comes to hiring, retaining and promoting women, minorities, veterans and the disabled. Both companies recruit through vast, easily accessible employment advertising and ensure that the employment agencies and human resources professionals we work with understand our commitment to affirmative action in recruiting, hiring and promoting people of all backgrounds. The involvement of personnel from both firms in youth and community outreach, recruiting college graduates, referring employment candidates, contributing to the efforts of discipline and diversity special interest groups, and assisting immigrants in overcoming obstacles employment, have made a significant difference. This greatly enhanced our companies' respective abilities to ensure employment opportunities for all people while building a strong, reliable workforce that is, indeed, diverse, but more importantly, exceptional from a standpoint that has nothing to do with gender, race, creed, religion, sexual orientation or any of the other many factors that lead to an individual's unique make-up.

TC is committed to utilizing apprentices that are certified by the State of California in order to be in compliance with state regulations. These apprentices gain knowledge through on-the-job training and classroom education provided by the AGC Apprenticeship and Training Trust. When an apprentice "journeys out" or graduates from the program, a full-time position is offered to benefit from the person's experience. TC employs apprentices in the laborer, carpenter and operator trades.

Apprenticeship training consists of a combination of on-the-job training, plus related education. All registered apprentices would become full-time employees of a construction company and learning their trade on a daily basis. Since apprentices are employees, they are earning income while they are learning. The entire program lasts between two-and-four years depending on the trade and, upon completion/graduation, the AGC and State of California award a certificate that is recognized throughout the industry as a valid indicator of high quality training, signifying that the apprentice has completed an apprenticeship program which meets the industry standards of occupational proficiency.

TC also develops on-the-job training opportunities, such as offering periodic training by holding classes on Saturdays (examples: safety, equipment maintenance and operations) and encourages all employees to attend and/or participate in training programs for the area that expressly includes minorities, women and underutilized groups, including upgrading programs and apprenticeship and trainee programs relevant to TC's employment needs, especially those programs funded or approved by the Department of Labor.



Michael Baker understands that civil engineering and planning are not something average middle school—or even high school—students think about. As they pass through their daily world, most have little or no idea that planners and engineers are responsible for designing the very roads they travel, the housing developments they live in or the pipelines and associated utility facilities that supply their residences with water and other energy resources. To them, it’s all just there. A young person can’t get excited or entertain the notion of devoting their future vocational life to something they don’t know exists. As such, Michael Baker has teamed with local school districts, providing guest speakers to inform students about the A/E/C industry, the jobs within it and how professionals in the industry contribute to our society locally and beyond. Our engineers serve on various high school advisory committees, including the local ACE Mentor Program. Michael Baker also routinely hosts high school interns in semester-long internship programs from schools such as High Tech High, High Tech High International and the Construction Tech Academy at Kearny High School.

Once hired, all employees’ performance, career growth and goals are monitored and regularly reviewed on an annual basis. There is a tremendous emphasis on employee development and leadership development, our philosophy being that the more we invest in our people, the stronger and more successful the company will be. One of our well-known and understood core principles is that “we are each other’s greatest resource.” There is a huge emphasis placed on helping one another to be successful and that is recognized in our performance evaluation process and in our Excellence in Teamwork and Mentorship Awards Programs, both of which not only promote a positive working environment, individual growth, teamwork and success for both the company and its employees, but also development and maintenance of a respectful, effective workplace where people of all backgrounds work together efficiently toward common goals.

Michael Baker’s continuing education programs offer employees the opportunity to further their technical education, complete or earn additional college degrees, complete higher degree programs, attend in-house education, take custom-designed seminars and undertake leadership development programs.

These efforts underscore Michel Baker’s proactive equal opportunity commitment to working in partnership with each employee to achieve excellence in their individual roles, develop organizational understanding and involvement, and provide opportunities for career and professional growth and satisfaction.

### **Design-Builder’s Current Community Activities**

**Participation in Local Organizations:** A major component of both TC and Michael Baker’s company cultures is our involvement in making positive contributions to communities throughout San Diego County. There are a number of varied ways in which we do this. Both companies encourage all team members to join and actively participate in technical and professional societies, many of which are diversity special interest groups. TC and Michael Baker pay for the majority of its employees’ annual professional organization dues and associated event registration costs.





Locally, the companies’ professionals are involved in a variety of discipline and diversity special interest groups, including, but not limited to:

American Council of Engineering Companies	Institute of Transportation Engineers
American Planning Association	Society of American Military Engineers
American Public Works Association	Society of Human Resource Management
American Society of Civil Engineers	Society of Marketing Professional Services
Association for Environmental Professionals	Society of Women Engineers
California Land Surveyors Association	Women’s Transportation Seminar

TC’s Construction Manager Elan Schier has been an active and involved member on the AGC/City of San Diego Liaison Committee for over ten years, and provides input and assistance to the group on a regular basis for improving industry relationships and practices.

**Community Activities:** Additionally, Michael Baker has established a program called Good Works to provide opportunities for employees to easily and effectively donate their time and efforts as volunteers assisting a number of diverse local charities and non-profit organizations. The program assists Michael Baker staff in sharing information about opportunities for community service and organizing hands-on service activities, while also creating and encouraging an environment that is sensitive to all aspects of diversity. Many Michael Baker employees give volunteer their time, knowledge and experience to dozens of community service programs throughout the year. These programs range from beach and neighborhood clean-ups and revegetation/ restoration projects, to youth mentoring, teaching ESL, volunteering at hospitals and working in homeless shelters, conducting drives to support homeless and underprivileged San Diegans as well as local units of the to U.S. Military serving overseas, just to name a few. The following is a sampling of the local volunteer outreach activities that the San Diego Chapter of Michael Baker’s Good Works Group has organized in the past few years:

St. Vincent de Paul / Friar Joe’s Village	Toys for Tots
Ronald McDonald House Charities of San Diego	San Diego Blood Bank Drives

For community outreach as it pertains to projects, the TCDB Team intends to set-up kiosks at heavy-traffic locations within the communities where task order work is to be completed so that citizens have the opportunity to become as informed as possible about the City’s plans and the work our Team will be doing in their neighborhoods. Engaging the public and providing them the information they need and deserve is a very important step and a difference maker that greatly increases the chances for expeditious and successful completion of task orders of all types and sizes.

**Mentoring:** Both TC and Michael Baker so firmly believe in providing increased opportunities to small and disadvantaged local businesses that we regularly take on the mentorship role in mentor-protégé relationships with such firms. Both companies have had great recent experience and assisted in providing significant growth and success for our protégé companies as illustrated





in the footnotes included under the list of “bench” subconsultant and subcontractor we have identified for task orders awarded under this MACC.

The TCDB Team is committed to enhancing neighborhoods within the City, not only through respectful and expert delivery of projects in affected communities, but by being simultaneously unobtrusive yet engaged with citizens to ensure we do right by them and the City. The MACC project delivery method provides the opportunity to form real, long-term, mutually beneficial relationships, and that is what we are committed to doing with the City, our small business subcontractors and subconsultants, and the San Diegans who will benefit from the pipeline projects we bring to successful completion.

### **Subcontractor Documentation**

#### **Past Participation Levels**

Per the instructions of the City of San Diego’s Request for Qualifications, the following items are provided in an attachment titled “Subcontractor Documentation,” provided at the back of this SOQ.

- Past Participation Levels (Form AA50)

Please note that the TCDB Team’s general plan to meet its commitment to the City’s EOCP goals has been approved by the City, and is not included in the Subcontractor Documentation attachment as we have provided an extensive description of our plan this SOQ.

#### **Subcontractors Proposed Participation Levels**

The TCDB Team will meet or exceed the mandatory minimum subcontractor participation percentages established by the City of San Diego for each task order issued under the MACC project. We have partnered with many local ELBE/SLBE and DVBE certified firms to achieve this goal and to unequivocally demonstrate our commitment to equal opportunity subcontracting.





## 10. CHANGE ORDER HISTORY

### Projects Completed by the Design Builder

The following spreadsheet outlines the projects TC has completed over the last three (3) years as well as specific information called for in the City’s Request for Qualifications (RFQ).

Project Name	Original Contract Value	Change Order (CO) Qty.	Pct. Total CO Amt to Orig. Value	Non-Owner Initiated CO Pct. of Total CO	Explanation
Alvarado Trunk Sewer	\$3,775,646	2	-6%	0%	Contract quantities were in excess of actual installed quantities
Oak Creek Drive Pipeline Replacement	\$422,191	2	-1%	0%	Reduction in permit expense in original mobilization bid item
Corral Court PS Rehab Improvements	\$616,780	7	5%	0%	Additional grind and overlay added to contract, minor T&M work
Distribution Pipeline Improvements	\$839,587	6	-6%	0%	Reduction in bid items for temporary asphalt, minor T&M work
La Jolla Centre III	\$1,606,700	20	54%	0%	Owner added 95ft tall junction structure, remove and replace existing AC paving
San Marcos Vent Desal Modifications	\$1,714,000	1	0%	0%	Owner added on blind flange to contract
Balboa Terrace Trunk Sewer	\$6,694,919	0	0%	0%	
Country Club Reservoir Upgrade	\$1,790,635	5	4%	0%	Additional minor work requested by owner
Water Group 936	\$4,186,113	1	20%	0%	Owner added full width street grinding and asphalt overlay with striping
Sewer and Water Group 695	\$2,682,013	1	7%	0%	Owner added 1.5" AC overlay with pavement fabric
Genesee Ave. Sewer Upgrade	\$2,649,125	20	40%	0%	Plan Changes, additional sewer laterals requiring boring
PGA West – The Signature	\$2,407,261	22	26%	0%	Plan and scope change, private storm drain, fire services, utility relocations
Olive Hills Estates	\$1,302,039	6	10%	0%	Plan changes
Overlay Thoroughfares 2014	\$1,274,232	1	1%	0%	
FY 2014-15 Pavement Rehab/Overlay	\$1,789,432	7	3%	0%	Owner added manholes, catch basins, deep lift patching
BMR Ph6 Improvements	\$1,814,892	28	25%	0%	Additional street and lot paving
Liberty Station East Hotel Wet Utilities	\$1,483,946	30	1%	0%	
Buena Vista/Railroad Ave Improvements	\$2,439,452	7	7%	0%	New storm drain structure, deep lift AC Paving
Annual Overlay FY2014-15	\$2,419,507	2	0%	0%	





## **Litigation History**

The TCDB Team referred to from this pointed as “the Design-Builder” (TC and Michael Baker) hereby declares that the following statements are facts:

### **OSHA Declaration**

Since our last pre-qualification, zero (0) Occupational Safety and Health Act (OSHA) have filed against any member of the Design-Builder.

### **State License Law Declaration**

Since our last pre-qualification, zero (0) civil or criminal violations of the Contractor’s State License Law have been filed against any member of the Design-Builder.

### **False or Fraudulent Claim Declaration**

Since our last pre-qualification, there have been one (1) civil claim by an ex-employee (Martin vs TC) for missed wages for meal and rest period. Claim has been settled.

### **Federal Insurance Contributions Act Declaration**

Since our last pre-qualification, zero (0) civil or criminal violations of federal or state law governing the payment of wages, benefits, or personal income tax withholding, or of Federal Insurance Contributions Act (FICA) withholding requirements, state disability insurance withholding, or unemployment insurance payment requirements have been filed against any member of the Design-Builder.

### **Federal and State Law Declaration**

Since our last pre-qualification, zero (0) civil or criminal violations of federal or state law against any member of the Design-Builder governing equal opportunity employment, contracting, or subcontracting have been filed.

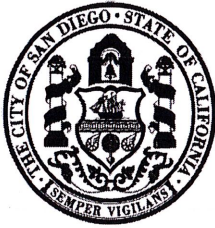
### **Surety Declaration**

Since our last pre-qualification, there have been zero (0) instances where a surety company finished the work of a member of the Design-Builder, or made payments to subcontractors or workers on behalf of a member of the Design-Builder.



# Subcontractor Documentation





City of San Diego  
**EQUAL OPPORTUNITY CONTRACTING (EOC)**  
 1200 Third Avenue • Suite 200 • San Diego, CA 92101  
 Phone: (619) 236-6000 • Fax: (619) 236-5904

## WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report (WFR)*.

NO OTHER FORMS WILL BE ACCEPTED  
**CONTRACTOR IDENTIFICATION**

Type of Contractor:     Construction     Vendor/Supplier     Financial Institution     Lessee/Lessor  
                                   Consultant     Grant Recipient     Insurance Company     Other

Name of Company: T C Construction Company, Inc.

ADA/DBA: \_\_\_\_\_

Address (Corporate Headquarters, where applicable): 10540 Prospect Ave

City: Santee                      County: San Diego                      State: CA                      Zip: 92071

Telephone Number: (619) 448-4841                      Fax Number: (619) 448-3341

Name of Company CEO: Terry Cameron

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: \_\_\_\_\_

City: \_\_\_\_\_                      County: \_\_\_\_\_                      State: \_\_\_\_\_                      Zip: \_\_\_\_\_

Telephone Number: ( ) \_\_\_\_\_                      Fax Number: ( ) \_\_\_\_\_                      Email: \_\_\_\_\_

Type of Business: Construction                      Type of License: A, C 21

The Company has appointed: Angel Montenegro

As its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: 10540 Prospect Ave Santee CA 92071

Telephone Number: (619) 448-4560                      Fax Number: (619) 448-3341                      Email: amontenegro@tcincsd.com

- One San Diego County (or Most Local County) Work Force - Mandatory  
 Branch Work Force \*  
 Managing Office Work Force

*Check the box above that applies to this WFR.*

*\*Submit a separate Work Force Report for all participating branches. Combine WFRs if more than one branch per county.*

I, the undersigned representative of T C Construction Company, Inc.

(Firm Name)

San Diego, California hereby certify that information provided

(County)

(State)

herein is true and correct. This document was executed on this 20th day of January, 2017

(Authorized Signature)

Angel Montenegro

(Print Authorized Signature Name)

**WORK FORCE REPORT – Page 2**

NAME OF FIRM: TC CONSTRUCTION COMPANY, INC

DATE: 1/20/2017

OFFICE(S) or BRANCH(ES): Santee

COUNTY: San Diego

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) Black, African-American
- (2) Hispanic, Latino, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) White, Caucasian
- (7) Other ethnicity; not falling into other groups

ADMINISTRATION OCCUPATIONAL CATEGORY	(1) Black		(2) Hispanic		(3) Asian		(4) American Indian		(5) Filipino		(6) White		(7) Other Ethnicity	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
	Management & Financial					1						6	1	
Professional			4		1						6	4		
A&E, Science, Computer														
Technical														
Sales														
Administrative Support				1								7		
Services														
Crafts			4								7			
Operative Workers	1		3				1				14			
Transportation														
Laborers*			2								1	1		

\*Construction laborers and other field employees are not to be included on this page

Totals Each Column	1		13	1	2			1			34	13		
--------------------	---	--	----	---	---	--	--	---	--	--	----	----	--	--

Grand Total All Employees

65

Indicate by Gender and Ethnicity the Number of Above Employees Who Are Disabled:

Disabled														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Non-Profit Organizations Only:

Board of Directors														
Volunteers														
Artists														

**WORK FORCE REPORT – Page 3**

NAME OF FIRM: T C Construction Company, Inc.

DATE: 1/20/17

OFFICE(S) or BRANCH(ES): Santee

COUNTY: San Diego

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) Black, African-American
- (2) Hispanic, Latino, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) White, Caucasian
- (7) Other ethnicity; not falling into other groups

TRADE OCCUPATIONAL CATEGORY	(1) Black		(2) Hispanic		(3) Asian		(4) American Indian		(5) Filipino		(6) White		(7) Other Ethnicity	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Brick, Block or Stone Masons														
Carpenters			6								2			
Carpet, Floor & Tile Installers Finishers														
Cement Masons, Concrete Finishers														
Construction Laborers	1		24								17		1	
Drywall Installers, Ceiling Tile Inst														
Electricians														
Elevator Installers														
First-Line Supervisors/Managers			5								12			
Glaziers														
Helpers; Construction Trade	3		10		3						5		2	
Millwrights														
Misc. Const. Equipment Operators			34				1				18			
Painters, Const. & Maintenance														
Pipelayers, Plumbers, Pipe & Steam Fitters			14								15			
Plasterers & Stucco Masons														
Roofers														
Security Guards & Surveillance Officers														
Sheet Metal Workers														
Structural Metal Fabricators & Fitters														
Welding, Soldering & Brazing Workers			1										1	
Workers, Extractive Crafts, Miners														
Totals Each Column	4		94		3		1				69		4	
Grand Total All Employees	<b>175</b>													
Indicate By Gender and Ethnicity the Number of Above Employees Who Are Disabled:														
Disabled														

ORIGINAL

# City of San Diego

**CONTRACTOR'S NAME:** Burtech Pipeline Incorporated  
**ADDRESS:** 102 Second Street, Encinitas, CA 92024  
**TELEPHONE NO.:** 760-634-2822 **FAX NO.:** 760-634-2415  
**CITY CONTACT:** Michelle Muñoz, Contract Specialist, Email: [MichelleM@sanidiego.gov](mailto:MichelleM@sanidiego.gov)  
Phone No. (619) 533-3482, Fax No. (619) 533-3633

## CONTRACT DOCUMENTS

FOR

ORIGINAL

**MULTIPLE AWARD DESIGN-BUILD CONTRACTS  
(MACC) FOR WATER, WASTEWATER, AND  
STORMWATER PIPELINE PROJECTS**

RFQ NO.: 1518



DOCUMENT NO. RR-312020-5  
FILED OCT 23 2018  
OFFICE OF THE CITY CLERK  
SAN DIEGO, CALIFORNIA

**MULTIPLE AWARD DESIGN-BUILD CONTRACTS  
FOR WATER, WASTEWATER, AND STORMWATER PIPELINE PROJECTS**

---

This multiple award Design-Build contract (Contract) is made and entered into by and between the City of San Diego (City), a municipal corporation, and **Burtech Pipeline Incorporated**, (Design-Builder), for the purpose of designing and constructing, alteration, and repair to the City's water, wastewater, and storm water pipeline for various facilities in the City (Projects). The City and Design-Builder may be referred to individually as "Party" and collectively as the "Parties."

**RECITALS**

- A. The City needs to design and construct Projects located in the City of San Diego, California.
- B. The City issued Request for Qualifications No. 1518 (RFQ) for multiple award Design-Build contracts, to which the Design-Builder responded and was approved by the Mayor and City Council (Resolution No. R-31202) as one of the five firms eligible to submit future proposals to design and construct Projects through this program.
- C. The City will hire one firm to design and construct each Project, to be described in Request for Proposals (RFPs) issued pursuant to section 22.3310 of the San Diego Municipal Code (SDMC).
- D. The Design-Builder is prepared to enter into this Contract and to submit, in accordance with each RFP, a Proposal for each Project.
- E. The Design-Builder is ready, willing, and able to design and construct Projects in accordance with the terms and conditions of this Contract.

In consideration of the above recitals and the mutual covenants and conditions set forth herein, and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

**AGREEMENT**

**ARTICLE 1 – PROJECT AWARD**

- 1.1 Request for Proposals.** From time to time during the term of this Contract, the City will issue a RFP to the Design-Builder for the design and construction of a Project. The RFP will describe the specific requirements and scope of work for the Project. There is no minimum or maximum number of RFPs to be issued under this Contract. Issuing a RFP does not obligate the City to award a task order for the Project, and a RFP may be canceled by the City at any time prior to award of a task order. The City may issue addenda to a RFP or extend the deadline for submitting proposals, in the City's discretion.

- 1.1.1 Project Descriptions.** Projects may be non-complex performance oriented tasks requiring minimal design, may be complex construction requiring substantial design development, or a combination thereof. Projects will be varying in size and complexity. The RFP may or may not have preliminary plans and specifications but may include sketches, and requests for catalog cuts, and other submittals.
- 1.2 Proposals.** The Design-Builder's proposal must be complete and satisfy all the requirements of the RFP, consistent with industry standards and proposals submitted by competent design-build firms performing similar work in California. Proposals submitted by the Design-Builder shall constitute a firm offer, which may be accepted by the City within the time specified in the RFP. Subcontractors shall be identified in the proposals pursuant to SDMC section 22.3309. Preparing and submitting proposals shall be at the Design-Builder's sole cost and expense. The Design-Builder shall submit a proposal to the City responding to each RFP, by the deadline specified in the RFP, unless an exception applies:
- 1.2.1 Response Effort.** The Design-Builder does not have to submit a proposal in response to an RFP if the deadline to submit a proposal is less than thirty (30) days from the date the RFP is issued, or if the City has issued more than two RFPs in the thirty (30) days immediately preceding the date of issuance of the current RFP.
- 1.3 Evaluation.** The City will evaluate the proposals in accordance with SDMC section 22.3308 and the criteria set forth in the RFP. The City may negotiate and clarify the final components of the winning proposal with the Design-Builder pursuant to SDMC section 22.3008(b). The winning proposal will be recommended for award to the Mayor or his/her designee, who must approve all task orders. If at least two proposals are not received in response to a RFP, the City will not issue a task order for the Project and instead procure the Project through another process. The City may accept the winning proposal, reject proposals that do not meet all the requirements of the RFP or this Contract, waive any defects and technicalities in a proposal, or reject all proposals, all in its sole discretion.
- 1.4 Task Orders.** If the City accepts the Design-Builder's proposal, the award of the Project will be acknowledged by the issuance of a task order. The award of a task order is contingent upon the Design-Builder's compliance with all conditions precedent to award described in the RFP. The task order becomes effective upon the Design-Builder's receipt of the task order signed by the Mayor or his designee. Task orders will be issued with a specific completion date or performance period and a firm fixed price for design and construction. The Design-Builder is responsible for designing and constructing each Project for the fixed price contract value. Failure to do so is at the Design-Builder's risk.
- 1.5 Contract Documents.** Upon the award of a task order, the RFP, the Design-Builder's proposal, and the task order (which may include modifications to the proposal negotiated pursuant to section 1.3) shall be considered as incorporated into this Contract, but only for the particular Project for which they are issued or submitted. In resolving conflicts resulting from errors or discrepancies in any of the Contract Documents, the order of precedence shall be as set forth below in descending order of precedence (the document in section 1.5.1 having the highest precedence). Provisions

of the Contract Documents addressing the same subject which are consistent but have different degrees of specificity shall not be considered to be in conflict, and the more specific language shall control.

- 1.5.1 This Contract.
- 1.5.2 The task order.
- 1.5.3 The RFP and all documents referenced therein.
- 1.5.4 The 2015 City Supplements (The WHITEBOOK).
- 1.5.5 The 2015 Standard Specifications for Public Works Construction (The GREENBOOK).
- 1.5.6 The Design-Builder's proposal (Proposal).
- 1.5.7 RFQ No. 1518 and all addenda thereto.
- 1.5.8 The Design-Builder's Statement of Qualifications (SOQ).

- 1.6 Eligibility to Submit Proposals.** Pursuant to SDMC section 22.3310(h) (3), if the Design-Builder is awarded a task order and fails to achieve the mandatory minimum participation levels established in the RFP for that Project for Small Local Business Enterprises, Emerging Local Business Enterprises, or Disabled Veteran Business Enterprises, the Design-Builder shall be ineligible to submit proposals for any further task orders under this Contract.

## **ARTICLE 2 – SCOPE OF WORK**

- 2.1 Scope of Work.** Upon the award of a task order, the Design-Builder shall furnish any and all labor, materials, equipment, transportation, utilities, services and temporary facilities required to complete each Project as described in the task order, the RFP and the Design-Builder's proposal. All work shall be performed in a good and workmanlike manner and within the care and skill of a qualified design firm and licensed contractor in California. The work shall be performed pursuant to and in conformity with the RFP, the Project's plans and specifications, and all other Contract Documents and subject to the approval of the City, whose approval shall not be unreasonably withheld.
- 2.2 Design-Builder's Representative.** The Design-Builder shall designate a local representative, who shall be reasonably available to City and shall have the necessary expertise and experience required to supervise the Projects. The Design-Builder's representative shall communicate regularly with City, but no less than once a week if the Design-Builder is working on a task order, and shall be vested with the authority to act on behalf of the Design-Builder. The Design-Builder's representative may be replaced only with the written consent of City.

- 2.3 Changes to Key Personnel and Substitution of Subcontractors.** The Design-Builder shall not change or substitute any individual that is identified as “key personnel” in its statement of qualifications or and proposal without the written consent of the City, which will not be unreasonably withheld. The Design-Builder shall not change or substitute any material, supplier, or subcontractor identified in its statement of qualifications or proposal without written consent of the City.
- 2.4 Contract Terms and Conditions.** This Contract incorporates by reference, as if fully set forth herein, the 2015 Edition of The GREENBOOK as modified by the 2015 Edition of The WHITEBOOK, except as otherwise specified in this Contract, a RFP or a task order.
- 2.5 Subcontractors and Suppliers.** The Design-Builder shall be responsible for the work done by subcontractors and suppliers, and any discrepancy or gaps in their scope of works. Nothing in the Contract Documents is intended or deemed to create any legal or contractual relationship between the City and any subcontractor or supplier of any tier.
- 2.6 Equal Opportunity Contracting.** The Design-Builder shall comply with the City’s “General Equal Opportunity Contracting Program Requirements” found in Part 10 of The WHITEBOOK, hereby incorporated into this Contract by reference. At the pre-construction conference (if any), the Design-Builder shall provide a statement of proposed SLBE, ELBE, and DVBE utilization identifying the certified entities that will be utilized on the Project to meet the mandatory minimum participation levels in the RFP. The Design-Builder shall also provide copies of all purchase orders and/or contracts with SLBE, ELBE, and DVBE subcontractors used to meet the mandatory minimum participation levels in the RFP.
- 2.7 Coordination of the Work.** The Design-Builder shall coordinate all design and construction activities efficiently and with the requisite expertise, skill and competence to satisfy the requirements of the Contract Documents. The Design-Builder shall at all times exercise complete and exclusive control over the means, methods, sequences and techniques of design and construction. The Design-Builder shall coordinate scheduling of bid packages, submittals, and all RFI’s, and the construction of the Project to ensure the efficient and orderly sequence of the construction of the Project. The Design-Builder shall monitor and report monthly to the City on actual performance compared to the Project schedule. If City performs other work on the Project or at the site itself or with separate contractors under City’s control, the Design-Builder and the City both agree to reasonably cooperate and coordinate respective activities with the other so that the Project can be completed in an orderly and coordinated manner without unreasonable disruption.
- 2.8 Superintendent.** The Design-Builder’s superintendent shall be present at the site at all times that construction activities are taking place. All elements of the construction work shall be under the direct supervision of the Design-Builder’s superintendent or his designated representative on the site who shall have the authority to take actions required to properly perform that particular element of the Project. The City may require the Design-Builder to stop or suspend the construction work if the City reasonably believes supervision at the site is inadequate.



### ARTICLE 3 – CONTRACT TERM

- 3.1 Contract Effective.** This Contract shall become effective on the date it is fully executed by both Parties.
- 3.2 Termination.** This Contract, or task orders issued under this Contract, may be terminated by the City for default or for convenience in accordance with Part 1 of The GREENBOOK and The WHITEBOOK.
- 3.3 Force Majeure.** In the event the performance of either Party is delayed due to causes which are outside their control, and could not be avoided by the exercise of due care, which may include, but is not limited to, war, terrorist attack, act of God, government regulations, labor disputes, strikes, fires, floods, adverse weather or elements necessitating cessation of the work, inability to obtain materials, labor or equipment, or litigation or legal proceedings challenging one or more of the project approvals, then the time for performance shall be extended by an amount equivalent to the length of delay. Neither Party shall receive compensation from the other party for a force majeure event.

### ARTICLE 4 – COMPENSATION

- 4.1 Compensation.** The total cumulative compensation to all design-build firms eligible to submit proposals pursuant to RFQ No. 1518 shall not exceed \$100 million. The guaranteed minimum compensation to the Design-Builder is \$5,000. The total compensation for each Project will be set forth in each task order, which shall be a firm fixed price for successful completion of the Project.
- 4.2 Progress Payments.** The City will make periodic payments to the Design-Builder in accordance with the payment provisions in The GREENBOOK, the WHITEBOOK, the RFP and the task order.

### ARTICLE 5 - INDEMNITY

- 5.1 General Indemnity.** The Design-Builder agrees to defend, indemnify, protect and hold harmless the City, its elected officials, officers and employees, from and against all third-party claims or judgments asserted, or third-party liability established for damages or injuries to any person or property arising directly or indirectly out of the construction of each Project, or the Design-Builder's obligations under this Contract, which are caused or claimed to be caused by the negligent acts or omissions or willful misconduct of the Design-Builder, its officers, agents, or employees. The Design-Builder's obligation to indemnify the City shall not include any claims or liability arising from the established active or sole negligence, or willful misconduct of the City, its elected officials, officers or employees. The City may elect to conduct its own defense, in its sole discretion, without invalidating this section.
- 5.2 Indemnity for Design Services.** With respect to the design of the Project, except as otherwise provided by California Civil Code section 2782.8, the Design-Builder shall indemnify and hold harmless the City, its elected officials, officers and employees, from all claims, demands or liability that arise out of, pertain to or relate to the

negligence, recklessness, or willful misconduct of the Design-Builder, its design professionals, officers, agents or employees.

- 5.3 **Survival.** Notwithstanding Article 3, the indemnity provisions in this Article shall survive expiration and termination of this Contract and continue so long as a viable claim exists.

#### ARTICLE 6 – BONDS AND INSURANCE

- 6.1 **Bonds and Insurance.** The Design-Builder shall furnish evidence of bonds and insurance required by the RFP within fourteen (14) days after written notification from the City that the Design-Builder has submitted the winning proposal, unless an extension of time is granted by the City in writing. If the Design-Builder takes longer than fourteen (14) days to provide evidence of bonds and insurance, then the additional time taken shall be added to the time the Design-Builder must guarantee the price of its proposal prior to the issuance of a task order. The City may reject the proposal if the Design-Builder fails to provide evidence of bonds and insurance within fourteen (14) days or the extension of time granted by the City.

#### ARTICLE 7 – GENERAL PROVISIONS

- 7.1 **Compliance with Laws.** The Design-Builder shall comply with all applicable local, state and federal laws, statutes, ordinances, and regulations in the performance of its obligations under this Contract. Local ordinances and regulations requiring written certifications or information from the Design-Builder include the Equal Benefits Ordinance (SDMC sections 22.4301 *et. seq.*), Non-Discrimination Ordinance (SDMC sections 22.3501 *et. seq.*), Drug-Free Workplace Policy (Council Policy 100-17), Americans with Disabilities Act Policy (Council Policy 100-04), and Contractor Standards Ordinance (SDMC section 22.3004).
- 7.2 **Contract Interpretation.** This Contract, its exhibits, and the documents listed in section 1.5 are intended to be complementary and interpreted in harmony so as to avoid conflict, with words and phrases interpreted in a manner consistent with construction industry standards. This Contract is entered into and shall be construed and interpreted in accordance with the laws of the State of California without regard to the conflicts or choice of law provisions thereof.
- 7.3 **Mandatory Mediation.** If a dispute arises out of or relates to this Contract that cannot be resolved through normal contract negotiations, the Design-Builder and the City must first endeavor to settle the dispute in an amicable manner, using mandatory non-binding mediation under the rules of JAMS, AAA or any other neutral organization agreed upon by the parties before having recourse in a court of law.
- 7.3.1 **Selection of Mediator.** A single mediator that is acceptable to both Parties shall be used to mediate the dispute. The mediator will be knowledgeable in the subject matter of this Contract, if possible, and chosen from lists furnished by JAMS, AAA or any other agreed upon mediator.
- 7.3.2 **Mediation Expenses.** The expenses of witnesses for either side shall be paid by the Party producing such witnesses. All joint expenses of the mediation, including required traveling and other expenses of the mediator, and the cost

of any proofs or expert advice produced at the direct request of the mediator, shall be borne equally by the Parties, unless they agree otherwise.

- 7.3.3 Conduct of Mediation.** Mediation hearings will be conducted in an informal manner. Discovery shall not be allowed. The discussions, statements, writings and admissions will be confidential to the proceedings (pursuant to California Evidence Code sections 1115 - 1128) and will not be used for any other purpose unless otherwise agreed by the Parties in writing. The Parties may agree to exchange any information they deem necessary. Both Parties shall have a representative attend the mediation who is authorized to settle the dispute, though the City's recommendation of settlement may be subject to the approval of the Mayor and City Council. Either Party may have attorneys, witnesses or experts present.
- 7.3.4 Mediation Results.** Any resultant agreements from mediation shall be documented in writing. The results of the mediation shall not be final or binding unless otherwise agreed to in writing by the Parties. Mediators shall not be subject to any subpoena or liability and their actions shall not be subject to discovery.
- 7.4 Time is of the Essence.** The City and the Design-Builder mutually agree that time is of the essence with respect to the dates and times set forth in Contract Documents.
- 7.5 Mutual Obligations.** The City and the Design-Builder commit at all times to cooperate fully with each other, and proceed on the basis of trust and good faith, to permit each Party to realize the benefits afforded under this Contract.
- 7.6 Successors-In-Interest.** This Contract and all rights and obligations contained herein shall be in effect whether or not any or all Parties to this Contract have been succeeded by another entity, and all rights and obligations of the parties signatory to this Contract shall be vested and binding on their successors in interest.
- 7.7 Third Party Beneficiaries.** Nothing in this Contract shall grant rights or benefits to anyone other than the City and the Design-Builder, and any alleged third party beneficiaries are hereby expressly disclaimed. The Parties understand and agree, however, that to the extent permitted by law, the City is an intended third party beneficiary of the Design-Builder's agreements with its consultants, designers, contractors and construction managers performing work on the Project.
- 7.8 Severability.** Should any provision of this Contract be held invalid or illegal by a court or administrative agency of competent jurisdiction, such invalidity or illegality shall not invalidate the whole of this Contract, but, rather, the Contract shall be construed as if it did not contain the invalid or illegal provision, and the rights and obligations of the Parties shall be construed and enforced accordingly, except to the extent that enforcement of this Contract without the invalidated provision would materially and adversely frustrate either or both Parties' essential objectives set forth in this Contract.

- 7.9 Independent Contractor.** The Design-Builder is and shall be an independent contractor. Any provisions in this Contract that may appear to give the City the right to direct the Design-Builder as to the details of accomplishing the work or to exercise a measure of control over the work means that the Design-Builder shall follow the wishes of the City as to the results of the work only.
- 7.10 Waivers.** The failure of either Party to enforce any of the provisions of this Contract or to require performance of the other party of any of the provisions hereof shall not be construed to be a waiver of such provisions unless the waiver is in writing. Prior waivers shall not preclude the right of either Party to thereafter enforce each and every provision of this Contract.
- 7.11 Limitation on Powers.** Nothing in this Contract shall be construed as a limitation upon the powers of the City as a chartered city of the State of California.
- 7.12 Conflict of Interest.** The Design-Builder shall establish and make known to its members, consultants, designers, contractors and construction managers, appropriate safeguards to prohibit employees from using their positions for a purpose that is, or gives the appearance of being, motivated by desire for private gain for themselves or others, particularly those with whom they have family, business, or other relationships. Design-Builder members shall not accept gratuities or any other favors from potential consultants, designers, contractors or construction managers who may or are working on the Project.
- 7.13 Notices.** Notices shall be mailed in accordance with section 2-12, "SPECIAL NOTICES" in The GREENBOOK to:
- |   |  |
|---|--|
| Design-Builder<br><br>Address<br>City, State, ZIP | Public Works Director<br>City of San Diego<br>202 "C" Street, 9th Floor<br>San Diego, CA 92101 |
|---|--|
- 7.14 Assignment.** The Design-Builder shall not assign its rights or obligations under this Contract without the City's prior written approval, which shall not be unreasonably withheld. Any attempted assignment in violation of this section shall be void and incapable of creating any contractual relationship between the City and a putative assignee.
- 7.15 Survival.** Any obligation that accrues under this Contract prior to its expiration or termination shall survive such expiration or termination.
- 7.16 Incorporation of Exhibits.** All exhibits referenced in this Contract and the documents referenced in section 1.5 are hereby incorporated into and made a part of this Contract by reference.

**7.17 Integration Clause.** The City and the Design-Builder represent, warrant and agree that no oral promise or agreement not expressed herein has been made to them, that this Contract contains the entire agreement between the Parties, that this Contract supersedes any and all prior oral agreements or understandings between the Parties unless otherwise provided herein, and that in executing this Contract, neither Party is relying on any statement or representation made by the other Party concerning the subject matter, basis or effect of this Contract other than as set forth herein, and that each Party is relying solely on its own judgment and knowledge. This Contract may not be amended except by an instrument in writing signed by both Parties.

**7.18 Counterparts.** This Contract may be executed in counterparts, which when taken together, shall constitute a single signed original as though all Parties had executed the same page.

#### **ARTICLE 8 – Prevailing Wages**

**8.1 Worked Performed.** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below

**8.2 Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.

**8.2.1** Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.

**8.2.2** The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage

rate shall apply to this Contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.

- 8.3 Penalties for Violations.** Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed.
- 8.4 Payroll Records.** Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.
- 8.4.1** For contracts entered into on or after April 1, 2015, Contractor and their subcontractors shall furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.
- 8.5 Apprentices.** Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.
- 8.6 Working Hours.** Contractor and their subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on design professionals and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.
- 8.7 Required Provisions for Subcontracts.** Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.
- 8.8 Labor Code Section 1861 Certification.** Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that "I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract."
- 8.9 Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when

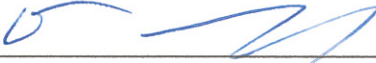
payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego's Equal Opportunity Contracting Department at 619-236-6000.

**8.10 Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. As of March 1, 2015, no contractor or subcontractor may be listed on a bid or proposal for a public works project unless registered with the DIR pursuant to Labor Code section 1725.5. As of April 1, 2015, a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, or enter into any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. By submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration to the City upon request.

**8.10.1** A Contractor's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.

IN WITNESS WHEREOF, this Contract is executed by the City of San Diego pursuant to Resolution No. R- ~~312020~~ authorizing such execution, and the Design-Builder acting by and through its authorized officers.

**Burtech Pipeline Incorporated**

By: 

Name: DOMINIC J. BURTECH

Date: 09.13.2017

THE CITY OF SAN DIEGO

By: 

Brittany Friedenreich  
Contract Specialist  
Public Works Contracts

Date: 10/30/18

I HEREBY APPROVE the form of the foregoing agreement this 31 day of October, 2018

Mara W. Elliott, City Attorney

By:   
Deputy City Attorney



Stem-332  
10/23/18  
(R-2019-176)

RESOLUTION NUMBER R- 312020

DATE OF FINAL PASSAGE OCT 26 2018

A RESOLUTION OF THE COUNCIL OF THE CITY OF SAN DIEGO AUTHORIZING FIVE MULTIPLE AWARD DESIGN-BUILD CONTRACTS (K-17-1518-MAC-3) FOR WATER, WASTEWATER, AND STORM WATER PIPELINE PROJECTS; AND TAKING RELATED ACTIONS.

WHEREAS, the City Council is requested to approve the award of five (5) Multiple Award Design-Build Contracts for a cumulative value of \$100,000,000 for the purpose of providing design and construction services for water, wastewater, and storm water pipeline Capital Improvement Program projects (Agreements); and

WHEREAS, the selected firms will compete for task orders for water, wastewater and storm water pipeline projects in the Multiple Award Construction Contract (MACC) program with a minimum guarantee of \$5,000; and

WHEREAS, the total contract term of this MACC may not exceed five (5) years or \$100,000,000 with all Task Orders to be issued within the first three (3) years; and

WHEREAS, in accordance with Administration Regulation (AR) 25.6, the Public Works Department advertised the Request for Qualifications (RFQ) for Design-Build services and five out of the six responding firms to the RFQ were selected to compete for site specific design-build projects under the task order process; NOW, THEREFORE,

BE IT RESOLVED, by the Council of the City of San Diego, as follows:

1. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the first being KTA Construction, Inc. for Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No.

RR- 312020-1

2. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the second being Orion Construction Corporation for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-2

3. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the third being TC Construction Company, Inc. for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-3

4. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the fourth being Shimmick Construction Company, Inc. for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-4

5. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the fifth being Burtech Pipeline, Inc. for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-5

6. That the Chief Financial Officer is authorized to expend an amount not to exceed \$100,000,000 over five years for the purpose of funding the MACC contracts (K-17-1518-MAC-3) with listed firms upon the adoption of the Annual Appropriation Ordinance for the applicable fiscal year, and contingent upon the Chief Financial Officer first furnishing one or more

certificates certifying that funds necessary for expenditure are, or will be, on deposit with the City Treasury.

7. That the Chief Financial Officer is authorized to expend an amount not to exceed \$25,000 (\$5,000 for each contract) in CIP A-JA.00002, Pipeline Rehabilitation, Fund 700008, Muni Sewer Utility CIP, for the purpose of executing these contracts and meeting minimum contract requirements.

8. That the Chief Financial Officer is authorized, upon advice from the administering department, to transfer excess budgeted funds, if any, to the appropriate reserves.

APPROVED: MARA W. ELLIOTT, City Attorney

By Mark M. Mercer  
Mark M. Mercer  
Deputy City Attorney

MMM:cw  
10/03/18  
Or.Dept: Public Works Department  
CC No.: 3000011313  
Doc. No.: 1848983

I hereby certify that the foregoing Resolution was passed by the Council of the City of San Diego, at its meeting of OCT 23 2018.

ELIZABETH S. MALAND  
City Clerk

By Elizabeth S. Maland  
Deputy City Clerk

Approved: 10/26/18  
(date)

Kevin L. Faulconer  
KEVIN L. FAULCONER, Mayor

Vetoed: \_\_\_\_\_  
(date)

\_\_\_\_\_  
KEVIN L. FAULCONER, Mayor

Passed by the Council of The City of San Diego on OCT 23 2018, by the following vote:

Councilmembers	Yeas	Nays	Not Present	Recused
Barbara Bry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lorie Zapf	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chris Ward	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Myrtle Cole	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mark Kersey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chris Cate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scott Sherman	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
David Alvarez	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Georgette Gomez	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Date of final passage OCT 26 2018

(Please note: When a resolution is approved by the Mayor, the date of final passage is the date the approved resolution was returned to the Office of the City Clerk.)

AUTHENTICATED BY:

KEVIN L. FAULCONER  
Mayor of The City of San Diego, California.

ELIZABETH S. MALAND  
City Clerk of The City of San Diego, California.

(Seal)

By , Deputy

Office of the City Clerk, San Diego, California

Resolution Number R- 312020

Passed by the Council of The City of San Diego October 23, 2018, by the following vote:

**YEAS:** BRY, ZAPF, WARD, KERSEY, CATE, SHERMAN, GÓMEZ.

**NAYS:** COLE, ALVAREZ.

**NOT PRESENT:** NONE.

**RECUSED:** NONE.

AUTHENTICATED BY:

**KEVIN L. FAULCONER**

Mayor of The City of San Diego, California

**ELIZABETH S. MALAND**

City Clerk of The City of San Diego, California

(Seal)

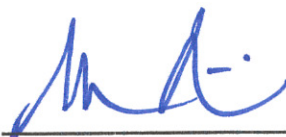
By: Matthew R. Hilario, Deputy

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of  
RESOLUTION NO. R-312020, approved on October 23, 2018. The date of final  
passage is October 26, 2018.

**ELIZABETH S. MALAND**

City Clerk of the City of San Diego, California

(Seal)

By:  \_\_\_\_\_, Deputy

ORIGINAL

# City of San Diego

**CONTRACTOR'S NAME:** KTA Construction, Inc.  
**ADDRESS:** 821 Tavern Road, Alpine, CA 91901  
**TELEPHONE NO.:** 619-562-9464 **FAX NO.:** 619-562-1685  
**CITY CONTACT:** Michelle Muñoz, Contract Specialist, Email: [MichelleM@sandiego.gov](mailto:MichelleM@sandiego.gov)  
Phone No. (619) 533-3482, Fax No. (619) 533-3633

## CONTRACT DOCUMENTS



FOR

ORIGINAL

**MULTIPLE AWARD DESIGN-BUILD CONTRACTS  
(MACC) FOR WATER, WASTEWATER, AND  
STORMWATER PIPELINE PROJECTS**

RFQ NO.: 1518

DOCUMENT NO. RR:312020-1  
FILED OCT 23 2018  
OFFICE OF THE CITY CLERK  
SAN DIEGO, CALIFORNIA

**MULTIPLE AWARD DESIGN-BUILD CONTRACTS  
FOR WATER, WASTEWATER, AND STORMWATER PIPELINE PROJECTS**

This multiple award Design-Build contract (Contract) is made and entered into by and between the City of San Diego (City), a municipal corporation, and **KTA Construction, Inc.**, (Design-Builder), for the purpose of designing and constructing, alteration, and repair to the City's water, wastewater, and storm water pipeline for various facilities in the City (Projects). The City and Design-Builder may be referred to individually as "Party" and collectively as the "Parties."

**RECITALS**

- A. The City needs to design and construct Projects located in the City of San Diego, California.
- B. The City issued Request for Qualifications No. 1518 (RFQ) for multiple award Design-Build contracts, to which the Design-Builder responded and was approved by the Mayor and City Council (Resolution No. R-312020) as one of the five firms eligible to submit future proposals to design and construct Projects through this program.
- C. The City will hire one firm to design and construct each Project, to be described in Request for Proposals (RFPs) issued pursuant to section 22.3310 of the San Diego Municipal Code (SDMC).
- D. The Design-Builder is prepared to enter into this Contract and to submit, in accordance with each RFP, a Proposal for each Project.
- E. The Design-Builder is ready, willing, and able to design and construct Projects in accordance with the terms and conditions of this Contract.

In consideration of the above recitals and the mutual covenants and conditions set forth herein, and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

**AGREEMENT**

**ARTICLE 1 – PROJECT AWARD**

- 1.1 Request for Proposals.** From time to time during the term of this Contract, the City will issue a RFP to the Design-Builder for the design and construction of a Project. The RFP will describe the specific requirements and scope of work for the Project. There is no minimum or maximum number of RFPs to be issued under this Contract. Issuing a RFP does not obligate the City to award a task order for the Project, and a RFP may be canceled by the City at any time prior to award of a task order. The City may issue addenda to a RFP or extend the deadline for submitting proposals, in the City's discretion.

**1.1.1 Project Descriptions.** Projects may be non-complex performance oriented tasks requiring minimal design, may be complex construction requiring substantial design development, or a combination thereof. Projects will be varying in size and complexity. The RFP may or may not have preliminary plans and specifications but may include sketches, and requests for catalog cuts, and other submittals.

**1.2 Proposals.** The Design-Builder's proposal must be complete and satisfy all the requirements of the RFP, consistent with industry standards and proposals submitted by competent design-build firms performing similar work in California. Proposals submitted by the Design-Builder shall constitute a firm offer, which may be accepted by the City within the time specified in the RFP. Subcontractors shall be identified in the proposals pursuant to SDMC section 22.3309. Preparing and submitting proposals shall be at the Design-Builder's sole cost and expense. The Design-Builder shall submit a proposal to the City responding to each RFP, by the deadline specified in the RFP, unless an exception applies:

**1.2.1 Response Effort.** The Design-Builder does not have to submit a proposal in response to an RFP if the deadline to submit a proposal is less than thirty (30) days from the date the RFP is issued, or if the City has issued more than two RFPs in the thirty (30) days immediately preceding the date of issuance of the current RFP.

**1.3 Evaluation.** The City will evaluate the proposals in accordance with SDMC section 22.3308 and the criteria set forth in the RFP. The City may negotiate and clarify the final components of the winning proposal with the Design-Builder pursuant to SDMC section 22.3008(b). The winning proposal will be recommended for award to the Mayor or his/her designee, who must approve all task orders. If at least two proposals are not received in response to a RFP, the City will not issue a task order for the Project and instead procure the Project through another process. The City may accept the winning proposal, reject proposals that do not meet all the requirements of the RFP or this Contract, waive any defects and technicalities in a proposal, or reject all proposals, all in its sole discretion.

**1.4 Task Orders.** If the City accepts the Design-Builder's proposal, the award of the Project will be acknowledged by the issuance of a task order. The award of a task order is contingent upon the Design-Builder's compliance with all conditions precedent to award described in the RFP. The task order becomes effective upon the Design-Builder's receipt of the task order signed by the Mayor or his designee. Task orders will be issued with a specific completion date or performance period and a firm fixed price for design and construction. The Design-Builder is responsible for designing and constructing each Project for the fixed price contract value. Failure to do so is at the Design-Builder's risk.

**1.5 Contract Documents.** Upon the award of a task order, the RFP, the Design-Builder's proposal, and the task order (which may include modifications to the proposal negotiated pursuant to section 1.3) shall be considered as incorporated into this Contract, but only for the particular Project for which they are issued or submitted. In resolving conflicts resulting from errors or discrepancies in any of the Contract Documents, the order of precedence shall be as set forth below in descending order of precedence (the document in section 1.5.1 having the highest precedence). Provisions



of the Contract Documents addressing the same subject which are consistent but have different degrees of specificity shall not be considered to be in conflict, and the more specific language shall control.

- 1.5.1 This Contract.
  - 1.5.2 The task order.
  - 1.5.3 The RFP and all documents referenced therein.
  - 1.5.4 The 2015 City Supplements (The WHITEBOOK).
  - 1.5.5 The 2015 Standard Specifications for Public Works Construction (The GREENBOOK).
  - 1.5.6 The Design-Builder's proposal (Proposal).
  - 1.5.7 RFQ No. 1518 and all addenda thereto.
  - 1.5.8 The Design-Builder's Statement of Qualifications (SOQ).
- 1.6 Eligibility to Submit Proposals.** Pursuant to SDMC section 22.3310(h) (3), if the Design-Builder is awarded a task order and fails to achieve the mandatory minimum participation levels established in the RFP for that Project for Small Local Business Enterprises, Emerging Local Business Enterprises, or Disabled Veteran Business Enterprises, the Design-Builder shall be ineligible to submit proposals for any further task orders under this Contract.

## ARTICLE 2 – SCOPE OF WORK

- 2.1 Scope of Work.** Upon the award of a task order, the Design-Builder shall furnish any and all labor, materials, equipment, transportation, utilities, services and temporary facilities required to complete each Project as described in the task order, the RFP and the Design-Builder's proposal. All work shall be performed in a good and workmanlike manner and within the care and skill of a qualified design firm and licensed contractor in California. The work shall be performed pursuant to and in conformity with the RFP, the Project's plans and specifications, and all other Contract Documents and subject to the approval of the City, whose approval shall not be unreasonably withheld.
- 2.2 Design-Builder's Representative.** The Design-Builder shall designate a local representative, who shall be reasonably available to City and shall have the necessary expertise and experience required to supervise the Projects. The Design-Builder's representative shall communicate regularly with City, but no less than once a week if the Design-Builder is working on a task order, and shall be vested with the authority to act on behalf of the Design-Builder. The Design-Builder's representative may be replaced only with the written consent of City.

- 2.3 Changes to Key Personnel and Substitution of Subcontractors.** The Design-BUILDER shall not change or substitute any individual that is identified as “key personnel” in its statement of qualifications or and proposal without the written consent of the City, which will not be unreasonably withheld. The Design-BUILDER shall not change or substitute any material, supplier, or subcontractor identified in its statement of qualifications or proposal without written consent of the City.
- 2.4 Contract Terms and Conditions.** This Contract incorporates by reference, as if fully set forth herein, the 2015 Edition of The GREENBOOK as modified by the 2015 Edition of The WHITEBOOK, except as otherwise specified in this Contract, a RFP or a task order.
- 2.5 Subcontractors and Suppliers.** The Design-BUILDER shall be responsible for the work done by subcontractors and suppliers, and any discrepancy or gaps in their scope of works. Nothing in the Contract Documents is intended or deemed to create any legal or contractual relationship between the City and any subcontractor or supplier of any tier.
- 2.6 Equal Opportunity Contracting.** The Design-BUILDER shall comply with the City’s “General Equal Opportunity Contracting Program Requirements” found in Part 10 of The WHITEBOOK, hereby incorporated into this Contract by reference. At the pre-construction conference (if any), the Design-BUILDER shall provide a statement of proposed SLBE, ELBE, and DVBE utilization identifying the certified entities that will be utilized on the Project to meet the mandatory minimum participation levels in the RFP. The Design-BUILDER shall also provide copies of all purchase orders and/or contracts with SLBE, ELBE, and DVBE subcontractors used to meet the mandatory minimum participation levels in the RFP.
- 2.7 Coordination of the Work.** The Design-BUILDER shall coordinate all design and construction activities efficiently and with the requisite expertise, skill and competence to satisfy the requirements of the Contract Documents. The Design-BUILDER shall at all times exercise complete and exclusive control over the means, methods, sequences and techniques of design and construction. The Design-BUILDER shall coordinate scheduling of bid packages, submittals, and all RFI’s, and the construction of the Project to ensure the efficient and orderly sequence of the construction of the Project. The Design-BUILDER shall monitor and report monthly to the City on actual performance compared to the Project schedule. If City performs other work on the Project or at the site itself or with separate contractors under City’s control, the Design-BUILDER and the City both agree to reasonably cooperate and coordinate respective activities with the other so that the Project can be completed in an orderly and coordinated manner without unreasonable disruption.
- 2.8 Superintendent.** The Design-BUILDER’s superintendent shall be present at the site at all times that construction activities are taking place. All elements of the construction work shall be under the direct supervision of the Design-BUILDER’s superintendent or his designated representative on the site who shall have the authority to take actions required to properly perform that particular element of the Project. The City may require the Design-BUILDER to stop or suspend the construction work if the City reasonably believes supervision at the site is inadequate.

### ARTICLE 3 – CONTRACT TERM

- 3.1 **Contract Effective.** This Contract shall become effective on the date it is fully executed by both Parties.
- 3.2. **Termination.** This Contract, or task orders issued under this Contract, may be terminated by the City for default or for convenience in accordance with Part 1 of The GREENBOOK and The WHITEBOOK.
- 3.3 **Force Majeure.** In the event the performance of either Party is delayed due to causes which are outside their control, and could not be avoided by the exercise of due care, which may include, but is not limited to, war, terrorist attack, act of God, government regulations, labor disputes, strikes, fires, floods, adverse weather or elements necessitating cessation of the work, inability to obtain materials, labor or equipment, or litigation or legal proceedings challenging one or more of the project approvals, then the time for performance shall be extended by an amount equivalent to the length of delay. Neither Party shall receive compensation from the other party for a force majeure event.

### ARTICLE 4 – COMPENSATION

- 4.1 **Compensation.** The total cumulative compensation to all design-build firms eligible to submit proposals pursuant to RFQ No. 1518 shall not exceed \$100 million. The guaranteed minimum compensation to the Design-Builder is \$5,000. The total compensation for each Project will be set forth in each task order, which shall be a firm fixed price for successful completion of the Project.
- 4.2 **Progress Payments.** The City will make periodic payments to the Design-Builder in accordance with the payment provisions in The GREENBOOK, the WHITEBOOK, the RFP and the task order.

### ARTICLE 5 - INDEMNITY

- 5.1 **General Indemnity.** The Design-Builder agrees to defend, indemnify, protect and hold harmless the City, its elected officials, officers and employees, from and against all third-party claims or judgments asserted, or third-party liability established for damages or injuries to any person or property arising directly or indirectly out of the construction of each Project, or the Design-Builder's obligations under this Contract, which are caused or claimed to be caused by the negligent acts or omissions or willful misconduct of the Design-Builder, its officers, agents, or employees. The Design-Builder's obligation to indemnify the City shall not include any claims or liability arising from the established active or sole negligence, or willful misconduct of the City, its elected officials, officers or employees. The City may elect to conduct its own defense, in its sole discretion, without invalidating this section.
- 5.2 **Indemnity for Design Services.** With respect to the design of the Project, except as otherwise provided by California Civil Code section 2782.8, the Design-Builder shall indemnify and hold harmless the City, its elected officials, officers and employees, from all claims, demands or liability that arise out of, pertain to or relate to the

negligence, recklessness, or willful misconduct of the Design-Builder, its design professionals, officers, agents or employees.

- 5.3 **Survival.** Notwithstanding Article 3, the indemnity provisions in this Article shall survive expiration and termination of this Contract and continue so long as a viable claim exists.

#### ARTICLE 6 – BONDS AND INSURANCE

- 6.1 **Bonds and Insurance.** The Design-Builder shall furnish evidence of bonds and insurance required by the RFP within fourteen (14) days after written notification from the City that the Design-Builder has submitted the winning proposal, unless an extension of time is granted by the City in writing. If the Design-Builder takes longer than fourteen (14) days to provide evidence of bonds and insurance, then the additional time taken shall be added to the time the Design-Builder must guarantee the price of its proposal prior to the issuance of a task order. The City may reject the proposal if the Design-Builder fails to provide evidence of bonds and insurance within fourteen (14) days or the extension of time granted by the City.

#### ARTICLE 7 – GENERAL PROVISIONS

- 7.1 **Compliance with Laws.** The Design-Builder shall comply with all applicable local, state and federal laws, statutes, ordinances, and regulations in the performance of its obligations under this Contract. Local ordinances and regulations requiring written certifications or information from the Design-Builder include the Equal Benefits Ordinance (SDMC sections 22.4301 *et. seq.*), Non-Discrimination Ordinance (SDMC sections 22.3501 *et. seq.*), Drug-Free Workplace Policy (Council Policy 100-17), Americans with Disabilities Act Policy (Council Policy 100-04), and Contractor Standards Ordinance (SDMC section 22.3004).
- 7.2 **Contract Interpretation.** This Contract, its exhibits, and the documents listed in section 1.5 are intended to be complementary and interpreted in harmony so as to avoid conflict, with words and phrases interpreted in a manner consistent with construction industry standards. This Contract is entered into and shall be construed and interpreted in accordance with the laws of the State of California without regard to the conflicts or choice of law provisions thereof.
- 7.3 **Mandatory Mediation.** If a dispute arises out of or relates to this Contract that cannot be resolved through normal contract negotiations, the Design-Builder and the City must first endeavor to settle the dispute in an amicable manner, using mandatory non-binding mediation under the rules of JAMS, AAA or any other neutral organization agreed upon by the parties before having recourse in a court of law.
- 7.3.1 **Selection of Mediator.** A single mediator that is acceptable to both Parties shall be used to mediate the dispute. The mediator will be knowledgeable in the subject matter of this Contract, if possible, and chosen from lists furnished by JAMS, AAA or any other agreed upon mediator.
- 7.3.2 **Mediation Expenses.** The expenses of witnesses for either side shall be paid by the Party producing such witnesses. All joint expenses of the mediation, including required traveling and other expenses of the mediator, and the cost

of any proofs or expert advice produced at the direct request of the mediator, shall be borne equally by the Parties, unless they agree otherwise.

- 7.3.3 Conduct of Mediation.** Mediation hearings will be conducted in an informal manner. Discovery shall not be allowed. The discussions, statements, writings and admissions will be confidential to the proceedings (pursuant to California Evidence Code sections 1115 - 1128) and will not be used for any other purpose unless otherwise agreed by the Parties in writing. The Parties may agree to exchange any information they deem necessary. Both Parties shall have a representative attend the mediation who is authorized to settle the dispute, though the City's recommendation of settlement may be subject to the approval of the Mayor and City Council. Either Party may have attorneys, witnesses or experts present.
- 7.3.4 Mediation Results.** Any resultant agreements from mediation shall be documented in writing. The results of the mediation shall not be final or binding unless otherwise agreed to in writing by the Parties. Mediators shall not be subject to any subpoena or liability and their actions shall not be subject to discovery.
- 7.4 Time is of the Essence.** The City and the Design-Builder mutually agree that time is of the essence with respect to the dates and times set forth in Contract Documents.
- 7.5 Mutual Obligations.** The City and the Design-Builder commit at all times to cooperate fully with each other, and proceed on the basis of trust and good faith, to permit each Party to realize the benefits afforded under this Contract.
- 7.6 Successors-In-Interest.** This Contract and all rights and obligations contained herein shall be in effect whether or not any or all Parties to this Contract have been succeeded by another entity, and all rights and obligations of the parties signatory to this Contract shall be vested and binding on their successors in interest.
- 7.7 Third Party Beneficiaries.** Nothing in this Contract shall grant rights or benefits to anyone other than the City and the Design-Builder, and any alleged third party beneficiaries are hereby expressly disclaimed. The Parties understand and agree, however, that to the extent permitted by law, the City is an intended third party beneficiary of the Design-Builder's agreements with its consultants, designers, contractors and construction managers performing work on the Project.
- 7.8 Severability.** Should any provision of this Contract be held invalid or illegal by a court or administrative agency of competent jurisdiction, such invalidity or illegality shall not invalidate the whole of this Contract, but, rather, the Contract shall be construed as if it did not contain the invalid or illegal provision, and the rights and obligations of the Parties shall be construed and enforced accordingly, except to the extent that enforcement of this Contract without the invalidated provision would materially and adversely frustrate either or both Parties' essential objectives set forth in this Contract.

- 7.9 Independent Contractor.** The Design-Builder is and shall be an independent contractor. Any provisions in this Contract that may appear to give the City the right to direct the Design-Builder as to the details of accomplishing the work or to exercise a measure of control over the work means that the Design-Builder shall follow the wishes of the City as to the results of the work only.
- 7.10 Waivers.** The failure of either Party to enforce any of the provisions of this Contract or to require performance of the other party of any of the provisions hereof shall not be construed to be a waiver of such provisions unless the waiver is in writing. Prior waivers shall not preclude the right of either Party to thereafter enforce each and every provision of this Contract.
- 7.11 Limitation on Powers.** Nothing in this Contract shall be construed as a limitation upon the powers of the City as a chartered city of the State of California.
- 7.12 Conflict of Interest.** The Design-Builder shall establish and make known to its members, consultants, designers, contractors and construction managers, appropriate safeguards to prohibit employees from using their positions for a purpose that is, or gives the appearance of being, motivated by desire for private gain for themselves or others, particularly those with whom they have family, business, or other relationships. Design-Builder members shall not accept gratuities or any other favors from potential consultants, designers, contractors or construction managers who may or are working on the Project.
- 7.13 Notices.** Notices shall be mailed in accordance with section 2-12, "SPECIAL NOTICES" in The GREENBOOK to:
- |                  |                           |
|------------------|---------------------------|
| Design-Builder   | Public Works Director     |
| Address          | City of San Diego         |
| City, State, ZIP | 202 "C" Street, 9th Floor |
|                  | San Diego, CA 92101       |
- 7.14 Assignment.** The Design-Builder shall not assign its rights or obligations under this Contract without the City's prior written approval, which shall not be unreasonably withheld. Any attempted assignment in violation of this section shall be void and incapable of creating any contractual relationship between the City and a putative assignee.
- 7.15 Survival.** Any obligation that accrues under this Contract prior to its expiration or termination shall survive such expiration or termination.
- 7.16 Incorporation of Exhibits.** All exhibits referenced in this Contract and the documents referenced in section 1.5 are hereby incorporated into and made a part of this Contract by reference.

- 7.17 Integration Clause.** The City and the Design-Builder represent, warrant and agree that no oral promise or agreement not expressed herein has been made to them, that this Contract contains the entire agreement between the Parties, that this Contract supersedes any and all prior oral agreements or understandings between the Parties unless otherwise provided herein, and that in executing this Contract, neither Party is relying on any statement or representation made by the other Party concerning the subject matter, basis or effect of this Contract other than as set forth herein, and that each Party is relying solely on its own judgment and knowledge. This Contract may not be amended except by an instrument in writing signed by both Parties.
- 7.18 Counterparts.** This Contract may be executed in counterparts, which when taken together, shall constitute a single signed original as though all Parties had executed the same page.

#### **ARTICLE 8 – Prevailing Wages**

- 8.1 Worked Performed.** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below
- 8.2 Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.
- 8.2.1** Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.
- 8.2.2** The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage

rate shall apply to this Contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.

- 8.3 Penalties for Violations.** Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed.
- 8.4 Payroll Records.** Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.
- 8.4.1** For contracts entered into on or after April 1, 2015, Contractor and their subcontractors shall furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.
- 8.5 Apprentices.** Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.
- 8.6 Working Hours.** Contractor and their subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on design professionals and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.
- 8.7 Required Provisions for Subcontracts.** Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.
- 8.8 Labor Code Section 1861 Certification.** Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that "I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract."
- 8.9 Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when




payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego's Equal Opportunity Contracting Department at 619-236-6000.

**8.10 Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. As of March 1, 2015, no contractor or subcontractor may be listed on a bid or proposal for a public works project unless registered with the DIR pursuant to Labor Code section 1725.5. As of April 1, 2015, a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, or enter into any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. By submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration to the City upon request.

**8.10.1** A Contractor's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.

IN WITNESS WHEREOF, this Contract is executed by the City of San Diego pursuant to Resolution No. R-312020 authorizing such execution, and the Design-Builder acting by and through its authorized officers.

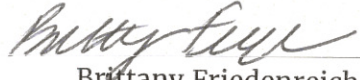
**KTA Construction, Inc.**

By:   
Paul M. Henderson

Name: Paul M. Henderson

Date: 9-3-17

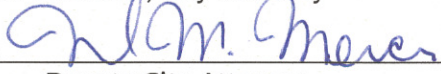
THE CITY OF SAN DIEGO

By:   
Brittany Friedenreich  
Contract Specialist  
Public Works Contracts

Date: 10/30/18

I HEREBY APPROVE the form of the foregoing agreement this 31 day of October, 2018.

Mara W. Elliott, City Attorney

By:   
Deputy City Attorney

Stem-332  
10/23/18  
(R-2019-176)

RESOLUTION NUMBER R- 312020

DATE OF FINAL PASSAGE OCT 26 2018

A RESOLUTION OF THE COUNCIL OF THE CITY OF SAN DIEGO AUTHORIZING FIVE MULTIPLE AWARD DESIGN-BUILD CONTRACTS (K-17-1518-MAC-3) FOR WATER, WASTEWATER, AND STORM WATER PIPELINE PROJECTS; AND TAKING RELATED ACTIONS.

WHEREAS, the City Council is requested to approve the award of five (5) Multiple Award Design-Build Contracts for a cumulative value of \$100,000,000 for the purpose of providing design and construction services for water, wastewater, and storm water pipeline Capital Improvement Program projects (Agreements); and

WHEREAS, the selected firms will compete for task orders for water, wastewater and storm water pipeline projects in the Multiple Award Construction Contract (MACC) program with a minimum guarantee of \$5,000; and

WHEREAS, the total contract term of this MACC may not exceed five (5) years or \$100,000,000 with all Task Orders to be issued within the first three (3) years; and

WHEREAS, in accordance with Administration Regulation (AR) 25.6, the Public Works Department advertised the Request for Qualifications (RFQ) for Design-Build services and five out of the six responding firms to the RFQ were selected to compete for site specific design-build projects under the task order process; NOW, THEREFORE,

BE IT RESOLVED, by the Council of the City of San Diego, as follows:

1. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the first being KTA Construction, Inc. for Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No.

RR- 312020-1

2. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the second being Orion Construction Corporation for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-2

3. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the third being TC Construction Company, Inc. for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-3

4. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the fourth being Shimmick Construction Company, Inc. for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-4

5. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the fifth being Burtech Pipeline, Inc. for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-5

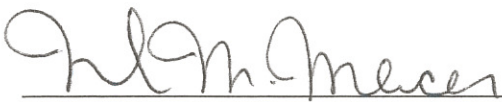
6. That the Chief Financial Officer is authorized to expend an amount not to exceed \$100,000,000 over five years for the purpose of funding the MACC contracts (K-17-1518-MAC-3) with listed firms upon the adoption of the Annual Appropriation Ordinance for the applicable fiscal year, and contingent upon the Chief Financial Officer first furnishing one or more

certificates certifying that funds necessary for expenditure are, or will be, on deposit with the City Treasury.

7. That the Chief Financial Officer is authorized to expend an amount not to exceed \$25,000 (\$5,000 for each contract) in CIP A-JA.00002, Pipeline Rehabilitation, Fund 700008, Muni Sewer Utility CIP, for the purpose of executing these contracts and meeting minimum contract requirements.

8. That the Chief Financial Officer is authorized, upon advice from the administering department, to transfer excess budgeted funds, if any, to the appropriate reserves.

APPROVED: MARA W. ELLIOTT, City Attorney

By   
Mark M. Mercer  
Deputy City Attorney

MMM:cw  
10/03/18  
Or.Dept: Public Works Department  
CC No.: 3000011313  
Doc. No.: 1848983

I hereby certify that the foregoing Resolution was passed by the Council of the City of San Diego, at its meeting of OCT 23 2018.

ELIZABETH S. MALAND  
City Clerk

By   
Deputy City Clerk

Approved: 10/26/18  
(date)

  
KEVIN L. FAULCONER, Mayor

Vetoed: \_\_\_\_\_  
(date)

\_\_\_\_\_  
KEVIN L. FAULCONER, Mayor

Passed by the Council of The City of San Diego on OCT 23 2018, by the following vote:

Councilmembers	Yeas	Nays	Not Present	Recused
Barbara Bry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lorie Zapf	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chris Ward	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Myrtle Cole	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mark Kersey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chris Cate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scott Sherman	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
David Alvarez	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Georgette Gomez	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Date of final passage OCT 26 2018

(Please note: When a resolution is approved by the Mayor, the date of final passage is the date the approved resolution was returned to the Office of the City Clerk.)

AUTHENTICATED BY:

KEVIN L. FAULCONER  
Mayor of The City of San Diego, California.

ELIZABETH S. MALAND  
City Clerk of The City of San Diego, California.

(Seal)

By , Deputy

Office of the City Clerk, San Diego, California

312020

Resolution Number R-\_\_\_\_\_

Passed by the Council of The City of San Diego October 23, 2018, by the following vote:

**YEAS:** BRY, ZAPP, WARD, KERSEY, CATE, SHERMAN, GÓMEZ.

**NAYS:** COLE, ALVAREZ.

**NOT PRESENT:** NONE.

**RECUSED:** NONE.

AUTHENTICATED BY:

**KEVIN L. FAULCONER**

Mayor of The City of San Diego, California

**ELIZABETH S. MALAND**

City Clerk of The City of San Diego, California

(Seal)

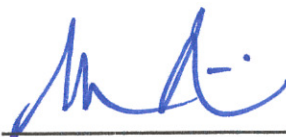
By: Matthew R. Hilario, Deputy

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of  
RESOLUTION NO. R-312020, approved on October 23, 2018. The date of final  
passage is October 26, 2018.

**ELIZABETH S. MALAND**

City Clerk of the City of San Diego, California

(Seal)

By:  \_\_\_\_\_, Deputy

ORIGINAL

# City of San Diego

CONTRACTOR'S NAME: Orion Construction Corporation  
ADDRESS: 2185 La Mirada Drive, Vista, CA 92081  
TELEPHONE NO.: 760-597-9660 FAX NO.: 760-597-9661  
CITY CONTACT: Michelle Muñoz, Contract Specialist, Email: [MichelleM@sandiego.gov](mailto:MichelleM@sandiego.gov)  
Phone No. (619) 533-3482, Fax No. (619) 533-3633

## CONTRACT DOCUMENTS



FOR

ORIGINAL

MULTIPLE AWARD DESIGN-BUILD CONTRACTS  
(MACC) FOR WATER, WASTEWATER, AND  
STORMWATER PIPELINE PROJECTS

RFQ NO.: 1518

DOCUMENT NO RR-312020-2  
FILED OCT 23 2018  
OFFICE OF THE CITY CLERK  
SAN DIEGO, CALIFORNIA



**MULTIPLE AWARD DESIGN-BUILD CONTRACTS  
FOR WATER, WASTEWATER, AND STORMWATER PIPELINE PROJECTS**

---

This multiple award Design-Build contract (Contract) is made and entered into by and between the City of San Diego (City), a municipal corporation, and **Orion Construction Corporation**, (Design-Builder), for the purpose of designing and constructing, alteration, and repair to the City's water, wastewater, and storm water pipeline for various facilities in the City (Projects). The City and Design-Builder may be referred to individually as "Party" and collectively as the "Parties."

**RECITALS**

- A. The City needs to design and construct Projects located in the City of San Diego, California.
- B. The City issued Request for Qualifications No. 1518 (RFQ) for multiple award Design-Build contracts, to which the Design-Builder responded and was approved by the Mayor and City Council (Resolution No. R-312020) as one of the five firms eligible to submit future proposals to design and construct Projects through this program.
- C. The City will hire one firm to design and construct each Project, to be described in Request for Proposals (RFPs) issued pursuant to section 22.3310 of the San Diego Municipal Code (SDMC).
- D. The Design-Builder is prepared to enter into this Contract and to submit, in accordance with each RFP, a Proposal for each Project.
- E. The Design-Builder is ready, willing, and able to design and construct Projects in accordance with the terms and conditions of this Contract.

In consideration of the above recitals and the mutual covenants and conditions set forth herein, and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

**AGREEMENT**

**ARTICLE 1 – PROJECT AWARD**

- 1.1 Request for Proposals.** From time to time during the term of this Contract, the City will issue a RFP to the Design-Builder for the design and construction of a Project. The RFP will describe the specific requirements and scope of work for the Project. There is no minimum or maximum number of RFPs to be issued under this Contract. Issuing a RFP does not obligate the City to award a task order for the Project, and a RFP may be canceled by the City at any time prior to award of a task order. The City may issue addenda to a RFP or extend the deadline for submitting proposals, in the City's discretion.

- 1.1.1 Project Descriptions.** Projects may be non-complex performance oriented tasks requiring minimal design, may be complex construction requiring substantial design development, or a combination thereof. Projects will be varying in size and complexity. The RFP may or may not have preliminary plans and specifications but may include sketches, and requests for catalog cuts, and other submittals.
- 1.2 Proposals.** The Design-Builder's proposal must be complete and satisfy all the requirements of the RFP, consistent with industry standards and proposals submitted by competent design-build firms performing similar work in California. Proposals submitted by the Design-Builder shall constitute a firm offer, which may be accepted by the City within the time specified in the RFP. Subcontractors shall be identified in the proposals pursuant to SDMC section 22.3309. Preparing and submitting proposals shall be at the Design-Builder's sole cost and expense. The Design-Builder shall submit a proposal to the City responding to each RFP, by the deadline specified in the RFP, unless an exception applies:
- 1.2.1 Response Effort.** The Design-Builder does not have to submit a proposal in response to an RFP if the deadline to submit a proposal is less than thirty (30) days from the date the RFP is issued, or if the City has issued more than two RFPs in the thirty (30) days immediately preceding the date of issuance of the current RFP.
- 1.3 Evaluation.** The City will evaluate the proposals in accordance with SDMC section 22.3308 and the criteria set forth in the RFP. The City may negotiate and clarify the final components of the winning proposal with the Design-Builder pursuant to SDMC section 22.3008(b). The winning proposal will be recommended for award to the Mayor or his/her designee, who must approve all task orders. If at least two proposals are not received in response to a RFP, the City will not issue a task order for the Project and instead procure the Project through another process. The City may accept the winning proposal, reject proposals that do not meet all the requirements of the RFP or this Contract, waive any defects and technicalities in a proposal, or reject all proposals, all in its sole discretion.
- 1.4 Task Orders.** If the City accepts the Design-Builder's proposal, the award of the Project will be acknowledged by the issuance of a task order. The award of a task order is contingent upon the Design-Builder's compliance with all conditions precedent to award described in the RFP. The task order becomes effective upon the Design-Builder's receipt of the task order signed by the Mayor or his designee. Task orders will be issued with a specific completion date or performance period and a firm fixed price for design and construction. The Design-Builder is responsible for designing and constructing each Project for the fixed price contract value. Failure to do so is at the Design-Builder's risk.
- 1.5 Contract Documents.** Upon the award of a task order, the RFP, the Design-Builder's proposal, and the task order (which may include modifications to the proposal negotiated pursuant to section 1.3) shall be considered as incorporated into this Contract, but only for the particular Project for which they are issued or submitted. In resolving conflicts resulting from errors or discrepancies in any of the Contract Documents, the order of precedence shall be as set forth below in descending order of precedence (the document in section 1.5.1 having the highest precedence). Provisions

of the Contract Documents addressing the same subject which are consistent but have different degrees of specificity shall not be considered to be in conflict, and the more specific language shall control.

- 1.5.1 This Contract.
- 1.5.2 The task order.
- 1.5.3 The RFP and all documents referenced therein.
- 1.5.4 The 2015 City Supplements (The WHITEBOOK).
- 1.5.5 The 2015 Standard Specifications for Public Works Construction (The GREENBOOK).
- 1.5.6 The Design-Builder's proposal (Proposal).
- 1.5.7 RFQ No. 1518 and all addenda thereto.
- 1.5.8 The Design-Builder's Statement of Qualifications (SOQ).

- 1.6 Eligibility to Submit Proposals.** Pursuant to SDMC section 22.3310(h) (3), if the Design-Builder is awarded a task order and fails to achieve the mandatory minimum participation levels established in the RFP for that Project for Small Local Business Enterprises, Emerging Local Business Enterprises, or Disabled Veteran Business Enterprises, the Design-Builder shall be ineligible to submit proposals for any further task orders under this Contract.

## **ARTICLE 2 – SCOPE OF WORK**

- 2.1 Scope of Work.** Upon the award of a task order, the Design-Builder shall furnish any and all labor, materials, equipment, transportation, utilities, services and temporary facilities required to complete each Project as described in the task order, the RFP and the Design-Builder's proposal. All work shall be performed in a good and workmanlike manner and within the care and skill of a qualified design firm and licensed contractor in California. The work shall be performed pursuant to and in conformity with the RFP, the Project's plans and specifications, and all other Contract Documents and subject to the approval of the City, whose approval shall not be unreasonably withheld.
- 2.2 Design-Builder's Representative.** The Design-Builder shall designate a local representative, who shall be reasonably available to City and shall have the necessary expertise and experience required to supervise the Projects. The Design-Builder's representative shall communicate regularly with City, but no less than once a week if the Design-Builder is working on a task order, and shall be vested with the authority to act on behalf of the Design-Builder. The Design-Builder's representative may be replaced only with the written consent of City.

- 2.3 Changes to Key Personnel and Substitution of Subcontractors.** The Design-Builder shall not change or substitute any individual that is identified as “key personnel” in its statement of qualifications or and proposal without the written consent of the City, which will not be unreasonably withheld. The Design-Builder shall not change or substitute any material, supplier, or subcontractor identified in its statement of qualifications or proposal without written consent of the City.
- 2.4 Contract Terms and Conditions.** This Contract incorporates by reference, as if fully set forth herein, the 2015 Edition of The GREENBOOK as modified by the 2015 Edition of The WHITEBOOK, except as otherwise specified in this Contract, a RFP or a task order.
- 2.5 Subcontractors and Suppliers.** The Design-Builder shall be responsible for the work done by subcontractors and suppliers, and any discrepancy or gaps in their scope of works. Nothing in the Contract Documents is intended or deemed to create any legal or contractual relationship between the City and any subcontractor or supplier of any tier.
- 2.6 Equal Opportunity Contracting.** The Design-Builder shall comply with the City’s “General Equal Opportunity Contracting Program Requirements” found in Part 10 of The WHITEBOOK, hereby incorporated into this Contract by reference. At the pre-construction conference (if any), the Design-Builder shall provide a statement of proposed SLBE, ELBE, and DVBE utilization identifying the certified entities that will be utilized on the Project to meet the mandatory minimum participation levels in the RFP. The Design-Builder shall also provide copies of all purchase orders and/or contracts with SLBE, ELBE, and DVBE subcontractors used to meet the mandatory minimum participation levels in the RFP.
- 2.7 Coordination of the Work.** The Design-Builder shall coordinate all design and construction activities efficiently and with the requisite expertise, skill and competence to satisfy the requirements of the Contract Documents. The Design-Builder shall at all times exercise complete and exclusive control over the means, methods, sequences and techniques of design and construction. The Design-Builder shall coordinate scheduling of bid packages, submittals, and all RFI’s, and the construction of the Project to ensure the efficient and orderly sequence of the construction of the Project. The Design-Builder shall monitor and report monthly to the City on actual performance compared to the Project schedule. If City performs other work on the Project or at the site itself or with separate contractors under City’s control, the Design-Builder and the City both agree to reasonably cooperate and coordinate respective activities with the other so that the Project can be completed in an orderly and coordinated manner without unreasonable disruption.
- 2.8 Superintendent.** The Design-Builder’s superintendent shall be present at the site at all times that construction activities are taking place. All elements of the construction work shall be under the direct supervision of the Design-Builder’s superintendent or his designated representative on the site who shall have the authority to take actions required to properly perform that particular element of the Project. The City may require the Design-Builder to stop or suspend the construction work if the City reasonably believes supervision at the site is inadequate.

### ARTICLE 3 – CONTRACT TERM

- 3.1 **Contract Effective.** This Contract shall become effective on the date it is fully executed by both Parties.
- 3.2 **Termination.** This Contract, or task orders issued under this Contract, may be terminated by the City for default or for convenience in accordance with Part 1 of The GREENBOOK and The WHITEBOOK.
- 3.3 **Force Majeure.** In the event the performance of either Party is delayed due to causes which are outside their control, and could not be avoided by the exercise of due care, which may include, but is not limited to, war, terrorist attack, act of God, government regulations, labor disputes, strikes, fires, floods, adverse weather or elements necessitating cessation of the work, inability to obtain materials, labor or equipment, or litigation or legal proceedings challenging one or more of the project approvals, then the time for performance shall be extended by an amount equivalent to the length of delay. Neither Party shall receive compensation from the other party for a force majeure event.

### ARTICLE 4 – COMPENSATION

- 4.1 **Compensation.** The total cumulative compensation to all design-build firms eligible to submit proposals pursuant to RFQ No. 1518 shall not exceed \$100 million. The guaranteed minimum compensation to the Design-Builder is \$5,000. The total compensation for each Project will be set forth in each task order, which shall be a firm fixed price for successful completion of the Project.
- 4.2 **Progress Payments.** The City will make periodic payments to the Design-Builder in accordance with the payment provisions in The GREENBOOK, the WHITEBOOK, the RFP and the task order.

### ARTICLE 5 - INDEMNITY

- 5.1 **General Indemnity.** The Design-Builder agrees to defend, indemnify, protect and hold harmless the City, its elected officials, officers and employees, from and against all third-party claims or judgments asserted, or third-party liability established for damages or injuries to any person or property arising directly or indirectly out of the construction of each Project, or the Design-Builder's obligations under this Contract, which are caused or claimed to be caused by the negligent acts or omissions or willful misconduct of the Design-Builder, its officers, agents, or employees. The Design-Builder's obligation to indemnify the City shall not include any claims or liability arising from the established active or sole negligence, or willful misconduct of the City, its elected officials, officers or employees. The City may elect to conduct its own defense, in its sole discretion, without invalidating this section.
- 5.2 **Indemnity for Design Services.** With respect to the design of the Project, except as otherwise provided by California Civil Code section 2782.8, the Design-Builder shall indemnify and hold harmless the City, its elected officials, officers and employees, from all claims, demands or liability that arise out of, pertain to or relate to the

negligence, recklessness, or willful misconduct of the Design-Builder, its design professionals, officers, agents or employees.

- 5.3 **Survival.** Notwithstanding Article 3, the indemnity provisions in this Article shall survive expiration and termination of this Contract and continue so long as a viable claim exists.

#### ARTICLE 6 – BONDS AND INSURANCE

- 6.1 **Bonds and Insurance.** The Design-Builder shall furnish evidence of bonds and insurance required by the RFP within fourteen (14) days after written notification from the City that the Design-Builder has submitted the winning proposal, unless an extension of time is granted by the City in writing. If the Design-Builder takes longer than fourteen (14) days to provide evidence of bonds and insurance, then the additional time taken shall be added to the time the Design-Builder must guarantee the price of its proposal prior to the issuance of a task order. The City may reject the proposal if the Design-Builder fails to provide evidence of bonds and insurance within fourteen (14) days or the extension of time granted by the City.

#### ARTICLE 7 – GENERAL PROVISIONS

- 7.1 **Compliance with Laws.** The Design-Builder shall comply with all applicable local, state and federal laws, statutes, ordinances, and regulations in the performance of its obligations under this Contract. Local ordinances and regulations requiring written certifications or information from the Design-Builder include the Equal Benefits Ordinance (SDMC sections 22.4301 *et. seq.*), Non-Discrimination Ordinance (SDMC sections 22.3501 *et. seq.*), Drug-Free Workplace Policy (Council Policy 100-17), Americans with Disabilities Act Policy (Council Policy 100-04), and Contractor Standards Ordinance (SDMC section 22.3004).
- 7.2 **Contract Interpretation.** This Contract, its exhibits, and the documents listed in section 1.5 are intended to be complementary and interpreted in harmony so as to avoid conflict, with words and phrases interpreted in a manner consistent with construction industry standards. This Contract is entered into and shall be construed and interpreted in accordance with the laws of the State of California without regard to the conflicts or choice of law provisions thereof.
- 7.3 **Mandatory Mediation.** If a dispute arises out of or relates to this Contract that cannot be resolved through normal contract negotiations, the Design-Builder and the City must first endeavor to settle the dispute in an amicable manner, using mandatory non-binding mediation under the rules of JAMS, AAA or any other neutral organization agreed upon by the parties before having recourse in a court of law.
- 7.3.1 **Selection of Mediator.** A single mediator that is acceptable to both Parties shall be used to mediate the dispute. The mediator will be knowledgeable in the subject matter of this Contract, if possible, and chosen from lists furnished by JAMS, AAA or any other agreed upon mediator.
- 7.3.2 **Mediation Expenses.** The expenses of witnesses for either side shall be paid by the Party producing such witnesses. All joint expenses of the mediation, including required traveling and other expenses of the mediator, and the cost

of any proofs or expert advice produced at the direct request of the mediator, shall be borne equally by the Parties, unless they agree otherwise.

- 7.3.3 Conduct of Mediation.** Mediation hearings will be conducted in an informal manner. Discovery shall not be allowed. The discussions, statements, writings and admissions will be confidential to the proceedings (pursuant to California Evidence Code sections 1115 - 1128) and will not be used for any other purpose unless otherwise agreed by the Parties in writing. The Parties may agree to exchange any information they deem necessary. Both Parties shall have a representative attend the mediation who is authorized to settle the dispute, though the City's recommendation of settlement may be subject to the approval of the Mayor and City Council. Either Party may have attorneys, witnesses or experts present.
- 7.3.4 Mediation Results.** Any resultant agreements from mediation shall be documented in writing. The results of the mediation shall not be final or binding unless otherwise agreed to in writing by the Parties. Mediators shall not be subject to any subpoena or liability and their actions shall not be subject to discovery.
- 7.4 Time is of the Essence.** The City and the Design-Builder mutually agree that time is of the essence with respect to the dates and times set forth in Contract Documents.
- 7.5 Mutual Obligations.** The City and the Design-Builder commit at all times to cooperate fully with each other, and proceed on the basis of trust and good faith, to permit each Party to realize the benefits afforded under this Contract.
- 7.6 Successors-In-Interest.** This Contract and all rights and obligations contained herein shall be in effect whether or not any or all Parties to this Contract have been succeeded by another entity, and all rights and obligations of the parties signatory to this Contract shall be vested and binding on their successors in interest.
- 7.7 Third Party Beneficiaries.** Nothing in this Contract shall grant rights or benefits to anyone other than the City and the Design-Builder, and any alleged third party beneficiaries are hereby expressly disclaimed. The Parties understand and agree, however, that to the extent permitted by law, the City is an intended third party beneficiary of the Design-Builder's agreements with its consultants, designers, contractors and construction managers performing work on the Project.
- 7.8 Severability.** Should any provision of this Contract be held invalid or illegal by a court or administrative agency of competent jurisdiction, such invalidity or illegality shall not invalidate the whole of this Contract, but, rather, the Contract shall be construed as if it did not contain the invalid or illegal provision, and the rights and obligations of the Parties shall be construed and enforced accordingly, except to the extent that enforcement of this Contract without the invalidated provision would materially and adversely frustrate either or both Parties' essential objectives set forth in this Contract.

- 7.9 Independent Contractor.** The Design-Builder is and shall be an independent contractor. Any provisions in this Contract that may appear to give the City the right to direct the Design-Builder as to the details of accomplishing the work or to exercise a measure of control over the work means that the Design-Builder shall follow the wishes of the City as to the results of the work only.
- 7.10 Waivers.** The failure of either Party to enforce any of the provisions of this Contract or to require performance of the other party of any of the provisions hereof shall not be construed to be a waiver of such provisions unless the waiver is in writing. Prior waivers shall not preclude the right of either Party to thereafter enforce each and every provision of this Contract.
- 7.11 Limitation on Powers.** Nothing in this Contract shall be construed as a limitation upon the powers of the City as a chartered city of the State of California.
- 7.12 Conflict of Interest.** The Design-Builder shall establish and make known to its members, consultants, designers, contractors and construction managers, appropriate safeguards to prohibit employees from using their positions for a purpose that is, or gives the appearance of being, motivated by desire for private gain for themselves or others, particularly those with whom they have family, business, or other relationships. Design-Builder members shall not accept gratuities or any other favors from potential consultants, designers, contractors or construction managers who may or are working on the Project.
- 7.13 Notices.** Notices shall be mailed in accordance with section 2-12, "SPECIAL NOTICES" in The GREENBOOK to:
- |                  |                           |
|------------------|---------------------------|
| Design-Builder   | Public Works Director     |
| Address          | City of San Diego         |
| City, State, ZIP | 202 "C" Street, 9th Floor |
|                  | San Diego, CA 92101       |
- 7.14 Assignment.** The Design-Builder shall not assign its rights or obligations under this Contract without the City's prior written approval, which shall not be unreasonably withheld. Any attempted assignment in violation of this section shall be void and incapable of creating any contractual relationship between the City and a putative assignee.
- 7.15 Survival.** Any obligation that accrues under this Contract prior to its expiration or termination shall survive such expiration or termination.
- 7.16 Incorporation of Exhibits.** All exhibits referenced in this Contract and the documents referenced in section 1.5 are hereby incorporated into and made a part of this Contract by reference.



- 7.17 Integration Clause.** The City and the Design-Builder represent, warrant and agree that no oral promise or agreement not expressed herein has been made to them, that this Contract contains the entire agreement between the Parties, that this Contract supersedes any and all prior oral agreements or understandings between the Parties unless otherwise provided herein, and that in executing this Contract, neither Party is relying on any statement or representation made by the other Party concerning the subject matter, basis or effect of this Contract other than as set forth herein, and that each Party is relying solely on its own judgment and knowledge. This Contract may not be amended except by an instrument in writing signed by both Parties.
- 7.18 Counterparts.** This Contract may be executed in counterparts, which when taken together, shall constitute a single signed original as though all Parties had executed the same page.

## ARTICLE 8 – Prevailing Wages

- 8.1 Worked Performed.** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below
- 8.2 Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.
- 8.2.1** Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.
- 8.2.2** The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage

rate shall apply to this Contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.

- 8.3 Penalties for Violations.** Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed.
- 8.4 Payroll Records.** Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.
- 8.4.1** For contracts entered into on or after April 1, 2015, Contractor and their subcontractors shall furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.
- 8.5 Apprentices.** Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.
- 8.6 Working Hours.** Contractor and their subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on design professionals and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.
- 8.7 Required Provisions for Subcontracts.** Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.
- 8.8 Labor Code Section 1861 Certification.** Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that "I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract."
- 8.9 Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when


payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego's Equal Opportunity Contracting Department at 619-236-6000.

**8.10 Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. As of March 1, 2015, no contractor or subcontractor may be listed on a bid or proposal for a public works project unless registered with the DIR pursuant to Labor Code section 1725.5. As of April 1, 2015, a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, or enter into any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. By submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration to the City upon request.

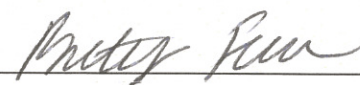
**8.10.1** A Contractor's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.

IN WITNESS WHEREOF, this Contract is executed by the City of San Diego pursuant to Resolution No. R- 312020 authorizing such execution, and the Design-Builder acting by and through its authorized officers.

**Orion Construction Corporation**

By:   
Name: ROBERT B. WILSON  
VICE PRESIDENT  
Date: 09/15/2017

THE CITY OF SAN DIEGO

By:   
Brittany Friedenreich  
Contract Specialist  
Public Works Contracts  
Date: 10/30/18

I HEREBY APPROVE the form of the foregoing agreement this 3<sup>rd</sup> day of October, 2018.

Mara W. Elliott, City Attorney

By:   
Deputy City Attorney



I HEREBY CERTIFY that a meeting of the Board of Directors of ORION CONSTRUCTION CORPORATION, a corporation existing under the laws of the State of California, held on September 6<sup>th</sup>, 2017, the following resolution was duly passed and adopted:

“Resolved, that Robert B. Wilson, Vice President of Orion Construction Corporation, is hereby authorized to sign payroll checks, general account checks, contract documents, bid documents, and bonds during the period from September 7<sup>th</sup>, 2017 through September 30<sup>th</sup>, 2017, and that his execution thereof, with the Corporate Seal affixed, shall be the official act and deed of this Corporation.”

I further certify that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Official Seal of the Corporation this 6<sup>th</sup> day of September 2017.

A handwritten signature in blue ink, appearing to read "Richard Dowsing", written over a horizontal line.

Richard Dowsing, President/Secretary

A handwritten signature in blue ink, appearing to read "Robert B. Wilson", written over a horizontal line.

Robert B. Wilson, Vice President

A handwritten signature in blue ink, appearing to read "Ricardo Ramirez", written over a horizontal line.

Ricardo Ramirez, Witness

Stem-332  
10/23/18  
(R-2019-176)

RESOLUTION NUMBER R- 312020

DATE OF FINAL PASSAGE OCT 26 2018

A RESOLUTION OF THE COUNCIL OF THE CITY OF SAN DIEGO AUTHORIZING FIVE MULTIPLE AWARD DESIGN-BUILD CONTRACTS (K-17-1518-MAC-3) FOR WATER, WASTEWATER, AND STORM WATER PIPELINE PROJECTS; AND TAKING RELATED ACTIONS.

WHEREAS, the City Council is requested to approve the award of five (5) Multiple Award Design-Build Contracts for a cumulative value of \$100,000,000 for the purpose of providing design and construction services for water, wastewater, and storm water pipeline Capital Improvement Program projects (Agreements); and

WHEREAS, the selected firms will compete for task orders for water, wastewater and storm water pipeline projects in the Multiple Award Construction Contract (MACC) program with a minimum guarantee of \$5,000; and

WHEREAS, the total contract term of this MACC may not exceed five (5) years or \$100,000,000 with all Task Orders to be issued within the first three (3) years; and

WHEREAS, in accordance with Administration Regulation (AR) 25.6, the Public Works Department advertised the Request for Qualifications (RFQ) for Design-Build services and five out of the six responding firms to the RFQ were selected to compete for site specific design-build projects under the task order process; NOW, THEREFORE,

BE IT RESOLVED, by the Council of the City of San Diego, as follows:

1. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the first being KTA Construction, Inc. for Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No.

RR- 312020-1

2. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the second being Orion Construction Corporation for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-2

3. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the third being TC Construction Company, Inc. for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-3

4. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the fourth being Shimmick Construction Company, Inc. for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-4

5. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the fifth being Burtech Pipeline, Inc. for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-5

6. That the Chief Financial Officer is authorized to expend an amount not to exceed \$100,000,000 over five years for the purpose of funding the MACC contracts (K-17-1518-MAC-3) with listed firms upon the adoption of the Annual Appropriation Ordinance for the applicable fiscal year, and contingent upon the Chief Financial Officer first furnishing one or more

certificates certifying that funds necessary for expenditure are, or will be, on deposit with the City Treasury.

7. That the Chief Financial Officer is authorized to expend an amount not to exceed \$25,000 (\$5,000 for each contract) in CIP A-JA.00002, Pipeline Rehabilitation, Fund 700008, Muni Sewer Utility CIP, for the purpose of executing these contracts and meeting minimum contract requirements.

8. That the Chief Financial Officer is authorized, upon advice from the administering department, to transfer excess budgeted funds, if any, to the appropriate reserves.

APPROVED: MARA W. ELLIOTT, City Attorney

By Mark M. Mercer  
Mark M. Mercer  
Deputy City Attorney

MMM:cw  
10/03/18  
Or.Dept: Public Works Department  
CC No.: 3000011313  
Doc. No.: 1848983

I hereby certify that the foregoing Resolution was passed by the Council of the City of San Diego, at its meeting of OCT 23 2018.

ELIZABETH S. MALAND  
City Clerk

By Elizabeth S. Maland  
Deputy City Clerk

Approved: 10/26/18  
(date)

Kevin L. Faulconer  
KEVIN L. FAULCONER, Mayor

Vetoed: \_\_\_\_\_  
(date)

\_\_\_\_\_  
KEVIN L. FAULCONER, Mayor



Passed by the Council of The City of San Diego on OCT 23 2018, by the following vote:

Councilmembers	Yeas	Nays	Not Present	Recused
Barbara Bry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lorie Zapf	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chris Ward	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Myrtle Cole	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mark Kersey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chris Cate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scott Sherman	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
David Alvarez	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Georgette Gomez	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Date of final passage OCT 26 2018

(Please note: When a resolution is approved by the Mayor, the date of final passage is the date the approved resolution was returned to the Office of the City Clerk.)

AUTHENTICATED BY:

KEVIN L. FAULCONER  
Mayor of The City of San Diego, California.

ELIZABETH S. MALAND  
City Clerk of The City of San Diego, California.

(Seal)

By , Deputy

Office of the City Clerk, San Diego, California

Resolution Number R- 312020

Passed by the Council of The City of San Diego October 23, 2018, by the following vote:

**YEAS:** BRY, ZAPP, WARD, KERSEY, CATE, SHERMAN, GÓMEZ.

**NAYS:** COLE, ALVAREZ.

**NOT PRESENT:** NONE.

**RECUSED:** NONE.

AUTHENTICATED BY:

**KEVIN L. FAULCONER**

Mayor of The City of San Diego, California

**ELIZABETH S. MALAND**

City Clerk of The City of San Diego, California

(Seal)

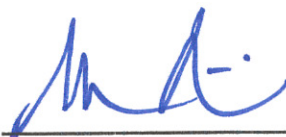
By: Matthew R. Hilario, Deputy

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of  
RESOLUTION NO. R-312020, approved on October 23, 2018. The date of final  
passage is October 26, 2018.

**ELIZABETH S. MALAND**

City Clerk of the City of San Diego, California

(Seal)

By:  \_\_\_\_\_, Deputy

ORIGINAL

# City of San Diego

CONTRACTOR'S NAME: Shimmick Constuction Company, Inc.  
ADDRESS: 16481 Scientific Way, Irvine, CA 92618  
TELEPHONE NO.: 949-333-1500 FAX NO.: 949-333-1510  
CITY CONTACT: Michelle Muñoz, Contract Specialist, Email: [MichelleM@sandiego.gov](mailto:MichelleM@sandiego.gov)  
Phone No. (619) 533-3482, Fax No. (619) 533-3633

## CONTRACT DOCUMENTS



FOR

ORIGINAL

**MULTIPLE AWARD DESIGN-BUILD CONTRACTS  
(MACC) FOR WATER, WASTEWATER, AND  
STORMWATER PIPELINE PROJECTS**

RFQ NO.: 1518

DOCUMENT NO. RR-312020-4  
FILED \_\_\_\_\_  
OFFICE OF THE CITY CLERK  
SAN DIEGO, CALIFORNIA

**MULTIPLE AWARD DESIGN-BUILD CONTRACTS  
FOR WATER, WASTEWATER, AND STORMWATER PIPELINE PROJECTS**

---

This multiple award Design-Build contract (Contract) is made and entered into by and between the City of San Diego (City), a municipal corporation, and **Shimmick Constuction Company, Inc.**, (Design-Builder), for the purpose of designing and constructing, alteration, and repair to the City's water, wastewater, and storm water pipeline for various facilities in the City (Projects). The City and Design-Builder may be referred to individually as "Party" and collectively as the "Parties."

**RECITALS**

- A. The City needs to design and construct Projects located in the City of San Diego, California.
- B. The City issued Request for Qualifications No. 1518 (RFQ) for multiple award Design-Build contracts, to which the Design-Builder responded and was approved by the Mayor and City Council (Resolution No. R-312024) as one of the five firms eligible to submit future proposals to design and construct Projects through this program.
- C. The City will hire one firm to design and construct each Project, to be described in Request for Proposals (RFPs) issued pursuant to section 22.3310 of the San Diego Municipal Code (SDMC).
- D. The Design-Builder is prepared to enter into this Contract and to submit, in accordance with each RFP, a Proposal for each Project.
- E. The Design-Builder is ready, willing, and able to design and construct Projects in accordance with the terms and conditions of this Contract.

In consideration of the above recitals and the mutual covenants and conditions set forth herein, and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

**AGREEMENT**

**ARTICLE 1 – PROJECT AWARD**

- 1.1 Request for Proposals.** From time to time during the term of this Contract, the City will issue a RFP to the Design-Builder for the design and construction of a Project. The RFP will describe the specific requirements and scope of work for the Project. There is no minimum or maximum number of RFPs to be issued under this Contract. Issuing a RFP does not obligate the City to award a task order for the Project, and a RFP may be canceled by the City at any time prior to award of a task order. The City may issue addenda to a RFP or extend the deadline for submitting proposals, in the City's discretion.

- 1.1.1 Project Descriptions.** Projects may be non-complex performance oriented tasks requiring minimal design, may be complex construction requiring substantial design development, or a combination thereof. Projects will be varying in size and complexity. The RFP may or may not have preliminary plans and specifications but may include sketches, and requests for catalog cuts, and other submittals.
- 1.2 Proposals.** The Design-Builder's proposal must be complete and satisfy all the requirements of the RFP, consistent with industry standards and proposals submitted by competent design-build firms performing similar work in California. Proposals submitted by the Design-Builder shall constitute a firm offer, which may be accepted by the City within the time specified in the RFP. Subcontractors shall be identified in the proposals pursuant to SDMC section 22.3309. Preparing and submitting proposals shall be at the Design-Builder's sole cost and expense. The Design-Builder shall submit a proposal to the City responding to each RFP, by the deadline specified in the RFP, unless an exception applies:
- 1.2.1 Response Effort.** The Design-Builder does not have to submit a proposal in response to an RFP if the deadline to submit a proposal is less than thirty (30) days from the date the RFP is issued, or if the City has issued more than two RFPs in the thirty (30) days immediately preceding the date of issuance of the current RFP.
- 1.3 Evaluation.** The City will evaluate the proposals in accordance with SDMC section 22.3308 and the criteria set forth in the RFP. The City may negotiate and clarify the final components of the winning proposal with the Design-Builder pursuant to SDMC section 22.3008(b). The winning proposal will be recommended for award to the Mayor or his/her designee, who must approve all task orders. If at least two proposals are not received in response to a RFP, the City will not issue a task order for the Project and instead procure the Project through another process. The City may accept the winning proposal, reject proposals that do not meet all the requirements of the RFP or this Contract, waive any defects and technicalities in a proposal, or reject all proposals, all in its sole discretion.
- 1.4 Task Orders.** If the City accepts the Design-Builder's proposal, the award of the Project will be acknowledged by the issuance of a task order. The award of a task order is contingent upon the Design-Builder's compliance with all conditions precedent to award described in the RFP. The task order becomes effective upon the Design-Builder's receipt of the task order signed by the Mayor or his designee. Task orders will be issued with a specific completion date or performance period and a firm fixed price for design and construction. The Design-Builder is responsible for designing and constructing each Project for the fixed price contract value. Failure to do so is at the Design-Builder's risk.
- 1.5 Contract Documents.** Upon the award of a task order, the RFP, the Design-Builder's proposal, and the task order (which may include modifications to the proposal negotiated pursuant to section 1.3) shall be considered as incorporated into this Contract, but only for the particular Project for which they are issued or submitted. In resolving conflicts resulting from errors or discrepancies in any of the Contract Documents, the order of precedence shall be as set forth below in descending order of precedence (the document in section 1.5.1 having the highest precedence). Provisions

of the Contract Documents addressing the same subject which are consistent but have different degrees of specificity shall not be considered to be in conflict, and the more specific language shall control.

- 1.5.1 This Contract.
  - 1.5.2 The task order.
  - 1.5.3 The RFP and all documents referenced therein.
  - 1.5.4 The 2015 City Supplements (The WHITEBOOK).
  - 1.5.5 The 2015 Standard Specifications for Public Works Construction (The GREENBOOK).
  - 1.5.6 The Design-Builder's proposal (Proposal).
  - 1.5.7 RFQ No. 1518 and all addenda thereto.
  - 1.5.8 The Design-Builder's Statement of Qualifications (SOQ).
- 1.6 Eligibility to Submit Proposals.** Pursuant to SDMC section 22.3310(h) (3), if the Design-Builder is awarded a task order and fails to achieve the mandatory minimum participation levels established in the RFP for that Project for Small Local Business Enterprises, Emerging Local Business Enterprises, or Disabled Veteran Business Enterprises, the Design-Builder shall be ineligible to submit proposals for any further task orders under this Contract.

## **ARTICLE 2 – SCOPE OF WORK**

- 2.1 Scope of Work.** Upon the award of a task order, the Design-Builder shall furnish any and all labor, materials, equipment, transportation, utilities, services and temporary facilities required to complete each Project as described in the task order, the RFP and the Design-Builder's proposal. All work shall be performed in a good and workmanlike manner and within the care and skill of a qualified design firm and licensed contractor in California. The work shall be performed pursuant to and in conformity with the RFP, the Project's plans and specifications, and all other Contract Documents and subject to the approval of the City, whose approval shall not be unreasonably withheld.
- 2.2 Design-Builder's Representative.** The Design-Builder shall designate a local representative, who shall be reasonably available to City and shall have the necessary expertise and experience required to supervise the Projects. The Design-Builder's representative shall communicate regularly with City, but no less than once a week if the Design-Builder is working on a task order, and shall be vested with the authority to act on behalf of the Design-Builder. The Design-Builder's representative may be replaced only with the written consent of City.

- 2.3 **Changes to Key Personnel and Substitution of Subcontractors.** The Design-Builder shall not change or substitute any individual that is identified as “key personnel” in its statement of qualifications or and proposal without the written consent of the City, which will not be unreasonably withheld. The Design-Builder shall not change or substitute any material, supplier, or subcontractor identified in its statement of qualifications or proposal without written consent of the City.
- 2.4 **Contract Terms and Conditions.** This Contract incorporates by reference, as if fully set forth herein, the 2015 Edition of The GREENBOOK as modified by the 2015 Edition of The WHITEBOOK, except as otherwise specified in this Contract, a RFP or a task order.
- 2.5 **Subcontractors and Suppliers.** The Design-Builder shall be responsible for the work done by subcontractors and suppliers, and any discrepancy or gaps in their scope of works. Nothing in the Contract Documents is intended or deemed to create any legal or contractual relationship between the City and any subcontractor or supplier of any tier.
- 2.6 **Equal Opportunity Contracting.** The Design-Builder shall comply with the City’s “General Equal Opportunity Contracting Program Requirements” found in Part 10 of The WHITEBOOK, hereby incorporated into this Contract by reference. At the pre-construction conference (if any), the Design-Builder shall provide a statement of proposed SLBE, ELBE, and DVBE utilization identifying the certified entities that will be utilized on the Project to meet the mandatory minimum participation levels in the RFP. The Design-Builder shall also provide copies of all purchase orders and/or contracts with SLBE, ELBE, and DVBE subcontractors used to meet the mandatory minimum participation levels in the RFP.
- 2.7 **Coordination of the Work.** The Design-Builder shall coordinate all design and construction activities efficiently and with the requisite expertise, skill and competence to satisfy the requirements of the Contract Documents. The Design-Builder shall at all times exercise complete and exclusive control over the means, methods, sequences and techniques of design and construction. The Design-Builder shall coordinate scheduling of bid packages, submittals, and all RFI’s, and the construction of the Project to ensure the efficient and orderly sequence of the construction of the Project. The Design-Builder shall monitor and report monthly to the City on actual performance compared to the Project schedule. If City performs other work on the Project or at the site itself or with separate contractors under City’s control, the Design-Builder and the City both agree to reasonably cooperate and coordinate respective activities with the other so that the Project can be completed in an orderly and coordinated manner without unreasonable disruption.
- 2.8 **Superintendent.** The Design-Builder’s superintendent shall be present at the site at all times that construction activities are taking place. All elements of the construction work shall be under the direct supervision of the Design-Builder’s superintendent or his designated representative on the site who shall have the authority to take actions required to properly perform that particular element of the Project. The City may require the Design-Builder to stop or suspend the construction work if the City reasonably believes supervision at the site is inadequate.

### ARTICLE 3 – CONTRACT TERM

- 3.1 **Contract Effective.** This Contract shall become effective on the date it is fully executed by both Parties.
- 3.2. **Termination.** This Contract, or task orders issued under this Contract, may be terminated by the City for default or for convenience in accordance with Part 1 of The GREENBOOK and The WHITEBOOK.
- 3.3 **Force Majeure.** In the event the performance of either Party is delayed due to causes which are outside their control, and could not be avoided by the exercise of due care, which may include, but is not limited to, war, terrorist attack, act of God, government regulations, labor disputes, strikes, fires, floods, adverse weather or elements necessitating cessation of the work, inability to obtain materials, labor or equipment, or litigation or legal proceedings challenging one or more of the project approvals, then the time for performance shall be extended by an amount equivalent to the length of delay. Neither Party shall receive compensation from the other party for a force majeure event.

### ARTICLE 4 – COMPENSATION

- 4.1 **Compensation.** The total cumulative compensation to all design-build firms eligible to submit proposals pursuant to RFQ No. 1518 shall not exceed \$100 million. The guaranteed minimum compensation to the Design-Builder is \$5,000. The total compensation for each Project will be set forth in each task order, which shall be a firm fixed price for successful completion of the Project.
- 4.2 **Progress Payments.** The City will make periodic payments to the Design-Builder in accordance with the payment provisions in The GREENBOOK, the WHITEBOOK, the RFP and the task order.

### ARTICLE 5 - INDEMNITY

- 5.1 **General Indemnity.** The Design-Builder agrees to defend, indemnify, protect and hold harmless the City, its elected officials, officers and employees, from and against all third-party claims or judgments asserted, or third-party liability established for damages or injuries to any person or property arising directly or indirectly out of the construction of each Project, or the Design-Builder's obligations under this Contract, which are caused or claimed to be caused by the negligent acts or omissions or willful misconduct of the Design-Builder, its officers, agents, or employees. The Design-Builder's obligation to indemnify the City shall not include any claims or liability arising from the established active or sole negligence, or willful misconduct of the City, its elected officials, officers or employees. The City may elect to conduct its own defense, in its sole discretion, without invalidating this section.
- 5.2 **Indemnity for Design Services.** With respect to the design of the Project, except as otherwise provided by California Civil Code section 2782.8, the Design-Builder shall indemnify and hold harmless the City, its elected officials, officers and employees, from all claims, demands or liability that arise out of, pertain to or relate to the



negligence, recklessness, or willful misconduct of the Design-Builder, its design professionals, officers, agents or employees.

- 5.3 **Survival.** Notwithstanding Article 3, the indemnity provisions in this Article shall survive expiration and termination of this Contract and continue so long as a viable claim exists.

## ARTICLE 6 – BONDS AND INSURANCE

- 6.1 **Bonds and Insurance.** The Design-Builder shall furnish evidence of bonds and insurance required by the RFP within fourteen (14) days after written notification from the City that the Design-Builder has submitted the winning proposal, unless an extension of time is granted by the City in writing. If the Design-Builder takes longer than fourteen (14) days to provide evidence of bonds and insurance, then the additional time taken shall be added to the time the Design-Builder must guarantee the price of its proposal prior to the issuance of a task order. The City may reject the proposal if the Design-Builder fails to provide evidence of bonds and insurance within fourteen (14) days or the extension of time granted by the City.

## ARTICLE 7 – GENERAL PROVISIONS

- 7.1 **Compliance with Laws.** The Design-Builder shall comply with all applicable local, state and federal laws, statutes, ordinances, and regulations in the performance of its obligations under this Contract. Local ordinances and regulations requiring written certifications or information from the Design-Builder include the Equal Benefits Ordinance (SDMC sections 22.4301 *et. seq.*), Non-Discrimination Ordinance (SDMC sections 22.3501 *et. seq.*), Drug-Free Workplace Policy (Council Policy 100-17), Americans with Disabilities Act Policy (Council Policy 100-04), and Contractor Standards Ordinance (SDMC section 22.3004).
- 7.2 **Contract Interpretation.** This Contract, its exhibits, and the documents listed in section 1.5 are intended to be complementary and interpreted in harmony so as to avoid conflict, with words and phrases interpreted in a manner consistent with construction industry standards. This Contract is entered into and shall be construed and interpreted in accordance with the laws of the State of California without regard to the conflicts or choice of law provisions thereof.
- 7.3 **Mandatory Mediation.** If a dispute arises out of or relates to this Contract that cannot be resolved through normal contract negotiations, the Design-Builder and the City must first endeavor to settle the dispute in an amicable manner, using mandatory non-binding mediation under the rules of JAMS, AAA or any other neutral organization agreed upon by the parties before having recourse in a court of law.
- 7.3.1 **Selection of Mediator.** A single mediator that is acceptable to both Parties shall be used to mediate the dispute. The mediator will be knowledgeable in the subject matter of this Contract, if possible, and chosen from lists furnished by JAMS, AAA or any other agreed upon mediator.
- 7.3.2 **Mediation Expenses.** The expenses of witnesses for either side shall be paid by the Party producing such witnesses. All joint expenses of the mediation, including required traveling and other expenses of the mediator, and the cost

of any proofs or expert advice produced at the direct request of the mediator, shall be borne equally by the Parties, unless they agree otherwise.

**7.3.3 Conduct of Mediation.** Mediation hearings will be conducted in an informal manner. Discovery shall not be allowed. The discussions, statements, writings and admissions will be confidential to the proceedings (pursuant to California Evidence Code sections 1115 - 1128) and will not be used for any other purpose unless otherwise agreed by the Parties in writing. The Parties may agree to exchange any information they deem necessary. Both Parties shall have a representative attend the mediation who is authorized to settle the dispute, though the City's recommendation of settlement may be subject to the approval of the Mayor and City Council. Either Party may have attorneys, witnesses or experts present.

**7.3.4 Mediation Results.** Any resultant agreements from mediation shall be documented in writing. The results of the mediation shall not be final or binding unless otherwise agreed to in writing by the Parties. Mediators shall not be subject to any subpoena or liability and their actions shall not be subject to discovery.

**7.4 Time is of the Essence.** The City and the Design-Builder mutually agree that time is of the essence with respect to the dates and times set forth in Contract Documents.

**7.5 Mutual Obligations.** The City and the Design-Builder commit at all times to cooperate fully with each other, and proceed on the basis of trust and good faith, to permit each Party to realize the benefits afforded under this Contract.

**7.6 Successors-In-Interest.** This Contract and all rights and obligations contained herein shall be in effect whether or not any or all Parties to this Contract have been succeeded by another entity, and all rights and obligations of the parties signatory to this Contract shall be vested and binding on their successors in interest.

**7.7 Third Party Beneficiaries.** Nothing in this Contract shall grant rights or benefits to anyone other than the City and the Design-Builder, and any alleged third party beneficiaries are hereby expressly disclaimed. The Parties understand and agree, however, that to the extent permitted by law, the City is an intended third party beneficiary of the Design-Builder's agreements with its consultants, designers, contractors and construction managers performing work on the Project.

**7.8 Severability.** Should any provision of this Contract be held invalid or illegal by a court or administrative agency of competent jurisdiction, such invalidity or illegality shall not invalidate the whole of this Contract, but, rather, the Contract shall be construed as if it did not contain the invalid or illegal provision, and the rights and obligations of the Parties shall be construed and enforced accordingly, except to the extent that enforcement of this Contract without the invalidated provision would materially and adversely frustrate either or both Parties' essential objectives set forth in this Contract.

- 7.9 Independent Contractor.** The Design-Builder is and shall be an independent contractor. Any provisions in this Contract that may appear to give the City the right to direct the Design-Builder as to the details of accomplishing the work or to exercise a measure of control over the work means that the Design-Builder shall follow the wishes of the City as to the results of the work only.
- 7.10 Waivers.** The failure of either Party to enforce any of the provisions of this Contract or to require performance of the other party of any of the provisions hereof shall not be construed to be a waiver of such provisions unless the waiver is in writing. Prior waivers shall not preclude the right of either Party to thereafter enforce each and every provision of this Contract.
- 7.11 Limitation on Powers.** Nothing in this Contract shall be construed as a limitation upon the powers of the City as a chartered city of the State of California.
- 7.12 Conflict of Interest.** The Design-Builder shall establish and make known to its members, consultants, designers, contractors and construction managers, appropriate safeguards to prohibit employees from using their positions for a purpose that is, or gives the appearance of being, motivated by desire for private gain for themselves or others, particularly those with whom they have family, business, or other relationships. Design-Builder members shall not accept gratuities or any other favors from potential consultants, designers, contractors or construction managers who may or are working on the Project.
- 7.13 Notices.** Notices shall be mailed in accordance with section 2-12, "SPECIAL NOTICES" in The GREENBOOK to:
- |                  |                           |
|------------------|---------------------------|
| Design-Builder   | Public Works Director     |
|                  | City of San Diego         |
| Address          | 202 "C" Street, 9th Floor |
| City, State, ZIP | San Diego, CA 92101       |
- 7.14 Assignment.** The Design-Builder shall not assign its rights or obligations under this Contract without the City's prior written approval, which shall not be unreasonably withheld. Any attempted assignment in violation of this section shall be void and incapable of creating any contractual relationship between the City and a putative assignee.
- 7.15 Survival.** Any obligation that accrues under this Contract prior to its expiration or termination shall survive such expiration or termination.
- 7.16 Incorporation of Exhibits.** All exhibits referenced in this Contract and the documents referenced in section 1.5 are hereby incorporated into and made a part of this Contract by reference.

- 7.17 Integration Clause.** The City and the Design-Builder represent, warrant and agree that no oral promise or agreement not expressed herein has been made to them, that this Contract contains the entire agreement between the Parties, that this Contract supersedes any and all prior oral agreements or understandings between the Parties unless otherwise provided herein, and that in executing this Contract, neither Party is relying on any statement or representation made by the other Party concerning the subject matter, basis or effect of this Contract other than as set forth herein, and that each Party is relying solely on its own judgment and knowledge. This Contract may not be amended except by an instrument in writing signed by both Parties.
- 7.18 Counterparts.** This Contract may be executed in counterparts, which when taken together, shall constitute a single signed original as though all Parties had executed the same page.

## ARTICLE 8 – Prevailing Wages

- 8.1 Worked Performed.** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below
- 8.2 Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.
- 8.2.1** Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.
- 8.2.2** The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage

rate shall apply to this Contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.

- 8.3 Penalties for Violations.** Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed.
- 8.4 Payroll Records.** Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.
- 8.4.1** For contracts entered into on or after April 1, 2015, Contractor and their subcontractors shall furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.
- 8.5 Apprentices.** Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.
- 8.6 Working Hours.** Contractor and their subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on design professionals and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.
- 8.7 Required Provisions for Subcontracts.** Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.
- 8.8 Labor Code Section 1861 Certification.** Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that "I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract."
- 8.9 Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when

payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego's Equal Opportunity Contracting Department at 619-236-6000.

**8.10 Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. As of March 1, 2015, no contractor or subcontractor may be listed on a bid or proposal for a public works project unless registered with the DIR pursuant to Labor Code section 1725.5. As of April 1, 2015, a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, or enter into any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. By submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration to the City upon request.

**8.10.1** A Contractor's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.

IN WITNESS WHEREOF, this Contract is executed by the City of San Diego pursuant to Resolution No. R- 312020 authorizing such execution, and the Design-Builder acting by and through its authorized officers.

**Shimmick Constuction Company, Inc.**

THE CITY OF SAN DIEGO

By: 

By: 

Name: Paul C. Camaur

Brittany Friedenreich  
Contract Specialist  
Public Works Contracts

Date: 9/14/17

Date: 10/30/18

I HEREBY APPROVE the form of the foregoing agreement this 31 day of October, 2018

Mara W. Elliott, City Attorney

By:   
Deputy City Attorney

Stem-332  
10/23/18  
(R-2019-176)

RESOLUTION NUMBER R- 312020

DATE OF FINAL PASSAGE OCT 26 2018

A RESOLUTION OF THE COUNCIL OF THE CITY OF SAN DIEGO AUTHORIZING FIVE MULTIPLE AWARD DESIGN-BUILD CONTRACTS (K-17-1518-MAC-3) FOR WATER, WASTEWATER, AND STORM WATER PIPELINE PROJECTS; AND TAKING RELATED ACTIONS.

WHEREAS, the City Council is requested to approve the award of five (5) Multiple Award Design-Build Contracts for a cumulative value of \$100,000,000 for the purpose of providing design and construction services for water, wastewater, and storm water pipeline Capital Improvement Program projects (Agreements); and

WHEREAS, the selected firms will compete for task orders for water, wastewater and storm water pipeline projects in the Multiple Award Construction Contract (MACC) program with a minimum guarantee of \$5,000; and

WHEREAS, the total contract term of this MACC may not exceed five (5) years or \$100,000,000 with all Task Orders to be issued within the first three (3) years; and

WHEREAS, in accordance with Administration Regulation (AR) 25.6, the Public Works Department advertised the Request for Qualifications (RFQ) for Design-Build services and five out of the six responding firms to the RFQ were selected to compete for site specific design-build projects under the task order process; NOW, THEREFORE,

BE IT RESOLVED, by the Council of the City of San Diego, as follows:

1. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the first being KTA Construction, Inc. for Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No.

RR- 312020-1



2. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the second being Orion Construction Corporation for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-2

3. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the third being TC Construction Company, Inc. for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-3

4. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the fourth being Shimmick Construction Company, Inc. for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-4

5. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the fifth being Burtech Pipeline, Inc. for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-5

6. That the Chief Financial Officer is authorized to expend an amount not to exceed \$100,000,000 over five years for the purpose of funding the MACC contracts (K-17-1518-MAC-3) with listed firms upon the adoption of the Annual Appropriation Ordinance for the applicable fiscal year, and contingent upon the Chief Financial Officer first furnishing one or more

certificates certifying that funds necessary for expenditure are, or will be, on deposit with the City Treasury.

7. That the Chief Financial Officer is authorized to expend an amount not to exceed \$25,000 (\$5,000 for each contract) in CIP A-JA.00002, Pipeline Rehabilitation, Fund 700008, Muni Sewer Utility CIP, for the purpose of executing these contracts and meeting minimum contract requirements.

8. That the Chief Financial Officer is authorized, upon advice from the administering department, to transfer excess budgeted funds, if any, to the appropriate reserves.

APPROVED: MARA W. ELLIOTT, City Attorney

By Mark M. Mercer  
Mark M. Mercer  
Deputy City Attorney

MMM:cw  
10/03/18  
Or.Dept: Public Works Department  
CC No.: 3000011313  
Doc. No.: 1848983

I hereby certify that the foregoing Resolution was passed by the Council of the City of San Diego, at its meeting of OCT 23 2018.

ELIZABETH S. MALAND  
City Clerk

By Elizabeth S. Maland  
Deputy City Clerk

Approved: 10/26/18  
(date)

Kevin L. Faulconer  
KEVIN L. FAULCONER, Mayor

Vetoed: \_\_\_\_\_  
(date)

\_\_\_\_\_  
KEVIN L. FAULCONER, Mayor

Passed by the Council of The City of San Diego on OCT 23 2018, by the following vote:

Councilmembers	Yeas	Nays	Not Present	Recused
Barbara Bry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lorie Zapf	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chris Ward	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Myrtle Cole	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mark Kersey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chris Cate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scott Sherman	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
David Alvarez	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Georgette Gomez	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Date of final passage OCT 26 2018

(Please note: When a resolution is approved by the Mayor, the date of final passage is the date the approved resolution was returned to the Office of the City Clerk.)

AUTHENTICATED BY:

KEVIN L. FAULCONER  
Mayor of The City of San Diego, California.

ELIZABETH S. MALAND  
City Clerk of The City of San Diego, California.

(Seal)

By , Deputy

Office of the City Clerk, San Diego, California

312020

Resolution Number R-\_\_\_\_\_

Passed by the Council of The City of San Diego October 23, 2018, by the following vote:

YEAS: BRY, ZAPP, WARD, KERSEY, CATE, SHERMAN, GÓMEZ.

NAYS: COLE, ALVAREZ.

NOT PRESENT: NONE.

RECUSED: NONE.

AUTHENTICATED BY:

**KEVIN L. FAULCONER**

Mayor of The City of San Diego, California

**ELIZABETH S. MALAND**

City Clerk of The City of San Diego, California

(Seal)

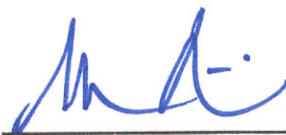
By: Matthew R. Hilario, Deputy

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of  
RESOLUTION NO. R-312020, approved on October 23, 2018. The date of final  
passage is October 26, 2018.

**ELIZABETH S. MALAND**

City Clerk of the City of San Diego, California

(Seal)

By:  \_\_\_\_\_, Deputy

ORIGINAL

# City of San Diego

CONTRACTOR'S NAME: TC Construction Company, Inc.  
ADDRESS: 10540 Prospect Avenue, Santee, CA 92071  
TELEPHONE NO.: 619-448-4560 FAX NO.: 619-448-3341  
CITY CONTACT: Michelle Muñoz, Contract Specialist, Email: MichelleM@sandiego.gov  
Phone No. (619) 533-3482, Fax No. (619) 533-3633

## CONTRACT DOCUMENTS



FOR

ORIGINAL

MULTIPLE AWARD DESIGN-BUILD CONTRACTS  
(MACC) FOR WATER, WASTEWATER, AND  
STORMWATER PIPELINE PROJECTS

RFQ NO.: 1518

DOCUMENT NO. RR. 312020-3  
FILED OCT 22 2018  
OFFICE OF THE CITY CLERK  
SAN DIEGO, CALIFORNIA

**MULTIPLE AWARD DESIGN-BUILD CONTRACTS  
FOR WATER, WASTEWATER, AND STORMWATER PIPELINE PROJECTS**

---

This multiple award Design-Build contract (Contract) is made and entered into by and between the City of San Diego (City), a municipal corporation, and **TC Construction Company, Inc.**, (Design-Builder), for the purpose of designing and constructing, alteration, and repair to the City's water, wastewater, and storm water pipeline for various facilities in the City (Projects). The City and Design-Builder may be referred to individually as "Party" and collectively as the "Parties."

**RECITALS**

- A. The City needs to design and construct Projects located in the City of San Diego, California.
- B. The City issued Request for Qualifications No. 1518 (RFQ) for multiple award Design-Build contracts, to which the Design-Builder responded and was approved by the Mayor and City Council (Resolution No. R-~~312020~~) as one of the five firms eligible to submit future proposals to design and construct Projects through this program.
- C. The City will hire one firm to design and construct each Project, to be described in Request for Proposals (RFPs) issued pursuant to section 22.3310 of the San Diego Municipal Code (SDMC).
- D. The Design-Builder is prepared to enter into this Contract and to submit, in accordance with each RFP, a Proposal for each Project.
- E. The Design-Builder is ready, willing, and able to design and construct Projects in accordance with the terms and conditions of this Contract.

In consideration of the above recitals and the mutual covenants and conditions set forth herein, and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

**AGREEMENT**

**ARTICLE 1 – PROJECT AWARD**

- 1.1 Request for Proposals.** From time to time during the term of this Contract, the City will issue a RFP to the Design-Builder for the design and construction of a Project. The RFP will describe the specific requirements and scope of work for the Project. There is no minimum or maximum number of RFPs to be issued under this Contract. Issuing a RFP does not obligate the City to award a task order for the Project, and a RFP may be canceled by the City at any time prior to award of a task order. The City may issue addenda to a RFP or extend the deadline for submitting proposals, in the City's discretion.

- 1.1.1 Project Descriptions.** Projects may be non-complex performance oriented tasks requiring minimal design, may be complex construction requiring substantial design development, or a combination thereof. Projects will be varying in size and complexity. The RFP may or may not have preliminary plans and specifications but may include sketches, and requests for catalog cuts, and other submittals.
- 1.2 Proposals.** The Design-Builder's proposal must be complete and satisfy all the requirements of the RFP, consistent with industry standards and proposals submitted by competent design-build firms performing similar work in California. Proposals submitted by the Design-Builder shall constitute a firm offer, which may be accepted by the City within the time specified in the RFP. Subcontractors shall be identified in the proposals pursuant to SDMC section 22.3309. Preparing and submitting proposals shall be at the Design-Builder's sole cost and expense. The Design-Builder shall submit a proposal to the City responding to each RFP, by the deadline specified in the RFP, unless an exception applies:
- 1.2.1 Response Effort.** The Design-Builder does not have to submit a proposal in response to an RFP if the deadline to submit a proposal is less than thirty (30) days from the date the RFP is issued, or if the City has issued more than two RFPs in the thirty (30) days immediately preceding the date of issuance of the current RFP.
- 1.3 Evaluation.** The City will evaluate the proposals in accordance with SDMC section 22.3308 and the criteria set forth in the RFP. The City may negotiate and clarify the final components of the winning proposal with the Design-Builder pursuant to SDMC section 22.3008(b). The winning proposal will be recommended for award to the Mayor or his/her designee, who must approve all task orders. If at least two proposals are not received in response to a RFP, the City will not issue a task order for the Project and instead procure the Project through another process. The City may accept the winning proposal, reject proposals that do not meet all the requirements of the RFP or this Contract, waive any defects and technicalities in a proposal, or reject all proposals, all in its sole discretion.
- 1.4 Task Orders.** If the City accepts the Design-Builder's proposal, the award of the Project will be acknowledged by the issuance of a task order. The award of a task order is contingent upon the Design-Builder's compliance with all conditions precedent to award described in the RFP. The task order becomes effective upon the Design-Builder's receipt of the task order signed by the Mayor or his designee. Task orders will be issued with a specific completion date or performance period and a firm fixed price for design and construction. The Design-Builder is responsible for designing and constructing each Project for the fixed price contract value. Failure to do so is at the Design-Builder's risk.
- 1.5 Contract Documents.** Upon the award of a task order, the RFP, the Design-Builder's proposal, and the task order (which may include modifications to the proposal negotiated pursuant to section 1.3) shall be considered as incorporated into this Contract, but only for the particular Project for which they are issued or submitted. In resolving conflicts resulting from errors or discrepancies in any of the Contract Documents, the order of precedence shall be as set forth below in descending order of precedence (the document in section 1.5.1 having the highest precedence). Provisions

of the Contract Documents addressing the same subject which are consistent but have different degrees of specificity shall not be considered to be in conflict, and the more specific language shall control.

- 1.5.1 This Contract.
- 1.5.2 The task order.
- 1.5.3 The RFP and all documents referenced therein.
- 1.5.4 The 2015 City Supplements (The WHITEBOOK).
- 1.5.5 The 2015 Standard Specifications for Public Works Construction (The GREENBOOK).
- 1.5.6 The Design-Builder's proposal (Proposal).
- 1.5.7 RFQ No. 1518 and all addenda thereto.
- 1.5.8 The Design-Builder's Statement of Qualifications (SOQ).

- 1.6 Eligibility to Submit Proposals.** Pursuant to SDMC section 22.3310(h) (3), if the Design-Builder is awarded a task order and fails to achieve the mandatory minimum participation levels established in the RFP for that Project for Small Local Business Enterprises, Emerging Local Business Enterprises, or Disabled Veteran Business Enterprises, the Design-Builder shall be ineligible to submit proposals for any further task orders under this Contract.

## ARTICLE 2 – SCOPE OF WORK

- 2.1 Scope of Work.** Upon the award of a task order, the Design-Builder shall furnish any and all labor, materials, equipment, transportation, utilities, services and temporary facilities required to complete each Project as described in the task order, the RFP and the Design-Builder's proposal. All work shall be performed in a good and workmanlike manner and within the care and skill of a qualified design firm and licensed contractor in California. The work shall be performed pursuant to and in conformity with the RFP, the Project's plans and specifications, and all other Contract Documents and subject to the approval of the City, whose approval shall not be unreasonably withheld.
- 2.2 Design-Builder's Representative.** The Design-Builder shall designate a local representative, who shall be reasonably available to City and shall have the necessary expertise and experience required to supervise the Projects. The Design-Builder's representative shall communicate regularly with City, but no less than once a week if the Design-Builder is working on a task order, and shall be vested with the authority to act on behalf of the Design-Builder. The Design-Builder's representative may be replaced only with the written consent of City.



- 2.3 Changes to Key Personnel and Substitution of Subcontractors.** The Design-Builder shall not change or substitute any individual that is identified as “key personnel” in its statement of qualifications or and proposal without the written consent of the City, which will not be unreasonably withheld. The Design-Builder shall not change or substitute any material, supplier, or subcontractor identified in its statement of qualifications or proposal without written consent of the City.
- 2.4 Contract Terms and Conditions.** This Contract incorporates by reference, as if fully set forth herein, the 2015 Edition of The GREENBOOK as modified by the 2015 Edition of The WHITEBOOK, except as otherwise specified in this Contract, a RFP or a task order.
- 2.5 Subcontractors and Suppliers.** The Design-Builder shall be responsible for the work done by subcontractors and suppliers, and any discrepancy or gaps in their scope of works. Nothing in the Contract Documents is intended or deemed to create any legal or contractual relationship between the City and any subcontractor or supplier of any tier.
- 2.6 Equal Opportunity Contracting.** The Design-Builder shall comply with the City’s “General Equal Opportunity Contracting Program Requirements” found in Part 10 of The WHITEBOOK, hereby incorporated into this Contract by reference. At the pre-construction conference (if any), the Design-Builder shall provide a statement of proposed SLBE, ELBE, and DVBE utilization identifying the certified entities that will be utilized on the Project to meet the mandatory minimum participation levels in the RFP. The Design-Builder shall also provide copies of all purchase orders and/or contracts with SLBE, ELBE, and DVBE subcontractors used to meet the mandatory minimum participation levels in the RFP.
- 2.7 Coordination of the Work.** The Design-Builder shall coordinate all design and construction activities efficiently and with the requisite expertise, skill and competence to satisfy the requirements of the Contract Documents. The Design-Builder shall at all times exercise complete and exclusive control over the means, methods, sequences and techniques of design and construction. The Design-Builder shall coordinate scheduling of bid packages, submittals, and all RFI’s, and the construction of the Project to ensure the efficient and orderly sequence of the construction of the Project. The Design-Builder shall monitor and report monthly to the City on actual performance compared to the Project schedule. If City performs other work on the Project or at the site itself or with separate contractors under City’s control, the Design-Builder and the City both agree to reasonably cooperate and coordinate respective activities with the other so that the Project can be completed in an orderly and coordinated manner without unreasonable disruption.
- 2.8 Superintendent.** The Design-Builder’s superintendent shall be present at the site at all times that construction activities are taking place. All elements of the construction work shall be under the direct supervision of the Design-Builder’s superintendent or his designated representative on the site who shall have the authority to take actions required to properly perform that particular element of the Project. The City may require the Design-Builder to stop or suspend the construction work if the City reasonably believes supervision at the site is inadequate.

### ARTICLE 3 – CONTRACT TERM

- 3.1 **Contract Effective.** This Contract shall become effective on the date it is fully executed by both Parties.
- 3.2. **Termination.** This Contract, or task orders issued under this Contract, may be terminated by the City for default or for convenience in accordance with Part 1 of The GREENBOOK and The WHITEBOOK.
- 3.3 **Force Majeure.** In the event the performance of either Party is delayed due to causes which are outside their control, and could not be avoided by the exercise of due care, which may include, but is not limited to, war, terrorist attack, act of God, government regulations, labor disputes, strikes, fires, floods, adverse weather or elements necessitating cessation of the work, inability to obtain materials, labor or equipment, or litigation or legal proceedings challenging one or more of the project approvals, then the time for performance shall be extended by an amount equivalent to the length of delay. Neither Party shall receive compensation from the other party for a force majeure event.

### ARTICLE 4 – COMPENSATION

- 4.1 **Compensation.** The total cumulative compensation to all design-build firms eligible to submit proposals pursuant to RFQ No. 1518 shall not exceed \$100 million. The guaranteed minimum compensation to the Design-Builder is \$5,000. The total compensation for each Project will be set forth in each task order, which shall be a firm fixed price for successful completion of the Project.
- 4.2 **Progress Payments.** The City will make periodic payments to the Design-Builder in accordance with the payment provisions in The GREENBOOK, the WHITEBOOK, the RFP and the task order.

### ARTICLE 5 - INDEMNITY

- 5.1 **General Indemnity.** The Design-Builder agrees to defend, indemnify, protect and hold harmless the City, its elected officials, officers and employees, from and against all third-party claims or judgments asserted, or third-party liability established for damages or injuries to any person or property arising directly or indirectly out of the construction of each Project, or the Design-Builder's obligations under this Contract, which are caused or claimed to be caused by the negligent acts or omissions or willful misconduct of the Design-Builder, its officers, agents, or employees. The Design-Builder's obligation to indemnify the City shall not include any claims or liability arising from the established active or sole negligence, or willful misconduct of the City, its elected officials, officers or employees. The City may elect to conduct its own defense, in its sole discretion, without invalidating this section.
- 5.2 **Indemnity for Design Services.** With respect to the design of the Project, except as otherwise provided by California Civil Code section 2782.8, the Design-Builder shall indemnify and hold harmless the City, its elected officials, officers and employees, from all claims, demands or liability that arise out of, pertain to or relate to the

negligence, recklessness, or willful misconduct of the Design-Builder, its design professionals, officers, agents or employees.

- 5.3 **Survival.** Notwithstanding Article 3, the indemnity provisions in this Article shall survive expiration and termination of this Contract and continue so long as a viable claim exists.

#### ARTICLE 6 – BONDS AND INSURANCE

- 6.1 **Bonds and Insurance.** The Design-Builder shall furnish evidence of bonds and insurance required by the RFP within fourteen (14) days after written notification from the City that the Design-Builder has submitted the winning proposal, unless an extension of time is granted by the City in writing. If the Design-Builder takes longer than fourteen (14) days to provide evidence of bonds and insurance, then the additional time taken shall be added to the time the Design-Builder must guarantee the price of its proposal prior to the issuance of a task order. The City may reject the proposal if the Design-Builder fails to provide evidence of bonds and insurance within fourteen (14) days or the extension of time granted by the City.

#### ARTICLE 7 – GENERAL PROVISIONS

- 7.1 **Compliance with Laws.** The Design-Builder shall comply with all applicable local, state and federal laws, statutes, ordinances, and regulations in the performance of its obligations under this Contract. Local ordinances and regulations requiring written certifications or information from the Design-Builder include the Equal Benefits Ordinance (SDMC sections 22.4301 *et. seq.*), Non-Discrimination Ordinance (SDMC sections 22.3501 *et. seq.*), Drug-Free Workplace Policy (Council Policy 100-17), Americans with Disabilities Act Policy (Council Policy 100-04), and Contractor Standards Ordinance (SDMC section 22.3004).
- 7.2 **Contract Interpretation.** This Contract, its exhibits, and the documents listed in section 1.5 are intended to be complementary and interpreted in harmony so as to avoid conflict, with words and phrases interpreted in a manner consistent with construction industry standards. This Contract is entered into and shall be construed and interpreted in accordance with the laws of the State of California without regard to the conflicts or choice of law provisions thereof.
- 7.3 **Mandatory Mediation.** If a dispute arises out of or relates to this Contract that cannot be resolved through normal contract negotiations, the Design-Builder and the City must first endeavor to settle the dispute in an amicable manner, using mandatory non-binding mediation under the rules of JAMS, AAA or any other neutral organization agreed upon by the parties before having recourse in a court of law.
- 7.3.1 **Selection of Mediator.** A single mediator that is acceptable to both Parties shall be used to mediate the dispute. The mediator will be knowledgeable in the subject matter of this Contract, if possible, and chosen from lists furnished by JAMS, AAA or any other agreed upon mediator.
- 7.3.2 **Mediation Expenses.** The expenses of witnesses for either side shall be paid by the Party producing such witnesses. All joint expenses of the mediation, including required traveling and other expenses of the mediator, and the cost

of any proofs or expert advice produced at the direct request of the mediator, shall be borne equally by the Parties, unless they agree otherwise.

- 7.3.3 Conduct of Mediation.** Mediation hearings will be conducted in an informal manner. Discovery shall not be allowed. The discussions, statements, writings and admissions will be confidential to the proceedings (pursuant to California Evidence Code sections 1115 - 1128) and will not be used for any other purpose unless otherwise agreed by the Parties in writing. The Parties may agree to exchange any information they deem necessary. Both Parties shall have a representative attend the mediation who is authorized to settle the dispute, though the City's recommendation of settlement may be subject to the approval of the Mayor and City Council. Either Party may have attorneys, witnesses or experts present.
- 7.3.4 Mediation Results.** Any resultant agreements from mediation shall be documented in writing. The results of the mediation shall not be final or binding unless otherwise agreed to in writing by the Parties. Mediators shall not be subject to any subpoena or liability and their actions shall not be subject to discovery.
- 7.4 Time is of the Essence.** The City and the Design-Builder mutually agree that time is of the essence with respect to the dates and times set forth in Contract Documents.
- 7.5 Mutual Obligations.** The City and the Design-Builder commit at all times to cooperate fully with each other, and proceed on the basis of trust and good faith, to permit each Party to realize the benefits afforded under this Contract.
- 7.6 Successors-In-Interest.** This Contract and all rights and obligations contained herein shall be in effect whether or not any or all Parties to this Contract have been succeeded by another entity, and all rights and obligations of the parties signatory to this Contract shall be vested and binding on their successors in interest.
- 7.7 Third Party Beneficiaries.** Nothing in this Contract shall grant rights or benefits to anyone other than the City and the Design-Builder, and any alleged third party beneficiaries are hereby expressly disclaimed. The Parties understand and agree, however, that to the extent permitted by law, the City is an intended third party beneficiary of the Design-Builder's agreements with its consultants, designers, contractors and construction managers performing work on the Project.
- 7.8 Severability.** Should any provision of this Contract be held invalid or illegal by a court or administrative agency of competent jurisdiction, such invalidity or illegality shall not invalidate the whole of this Contract, but, rather, the Contract shall be construed as if it did not contain the invalid or illegal provision, and the rights and obligations of the Parties shall be construed and enforced accordingly, except to the extent that enforcement of this Contract without the invalidated provision would materially and adversely frustrate either or both Parties' essential objectives set forth in this Contract.

- 7.9 Independent Contractor.** The Design-Builder is and shall be an independent contractor. Any provisions in this Contract that may appear to give the City the right to direct the Design-Builder as to the details of accomplishing the work or to exercise a measure of control over the work means that the Design-Builder shall follow the wishes of the City as to the results of the work only.
- 7.10 Waivers.** The failure of either Party to enforce any of the provisions of this Contract or to require performance of the other party of any of the provisions hereof shall not be construed to be a waiver of such provisions unless the waiver is in writing. Prior waivers shall not preclude the right of either Party to thereafter enforce each and every provision of this Contract.
- 7.11 Limitation on Powers.** Nothing in this Contract shall be construed as a limitation upon the powers of the City as a chartered city of the State of California.
- 7.12 Conflict of Interest.** The Design-Builder shall establish and make known to its members, consultants, designers, contractors and construction managers, appropriate safeguards to prohibit employees from using their positions for a purpose that is, or gives the appearance of being, motivated by desire for private gain for themselves or others, particularly those with whom they have family, business, or other relationships. Design-Builder members shall not accept gratuities or any other favors from potential consultants, designers, contractors or construction managers who may or are working on the Project.
- 7.13 Notices.** Notices shall be mailed in accordance with section 2-12, "SPECIAL NOTICES" in The GREENBOOK to:
- |                  |                           |
|------------------|---------------------------|
| Design-Builder   | Public Works Director     |
|                  | City of San Diego         |
| Address          | 202 "C" Street, 9th Floor |
| City, State, ZIP | San Diego, CA 92101       |
- 7.14 Assignment.** The Design-Builder shall not assign its rights or obligations under this Contract without the City's prior written approval, which shall not be unreasonably withheld. Any attempted assignment in violation of this section shall be void and incapable of creating any contractual relationship between the City and a putative assignee.
- 7.15 Survival.** Any obligation that accrues under this Contract prior to its expiration or termination shall survive such expiration or termination.
- 7.16 Incorporation of Exhibits.** All exhibits referenced in this Contract and the documents referenced in section 1.5 are hereby incorporated into and made a part of this Contract by reference.

- 7.17 Integration Clause.** The City and the Design-Builder represent, warrant and agree that no oral promise or agreement not expressed herein has been made to them, that this Contract contains the entire agreement between the Parties, that this Contract supersedes any and all prior oral agreements or understandings between the Parties unless otherwise provided herein, and that in executing this Contract, neither Party is relying on any statement or representation made by the other Party concerning the subject matter, basis or effect of this Contract other than as set forth herein, and that each Party is relying solely on its own judgment and knowledge. This Contract may not be amended except by an instrument in writing signed by both Parties.
- 7.18 Counterparts.** This Contract may be executed in counterparts, which when taken together, shall constitute a single signed original as though all Parties had executed the same page.

#### ARTICLE 8 – Prevailing Wages

- 8.1 Worked Performed.** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below
- 8.2 Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.
- 8.2.1** Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.
- 8.2.2** The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage

rate shall apply to this Contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.

- 8.3 Penalties for Violations.** Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed.
- 8.4 Payroll Records.** Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.
- 8.4.1** For contracts entered into on or after April 1, 2015, Contractor and their subcontractors shall furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.
- 8.5 Apprentices.** Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.
- 8.6 Working Hours.** Contractor and their subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on design professionals and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.
- 8.7 Required Provisions for Subcontracts.** Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.
- 8.8 Labor Code Section 1861 Certification.** Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that "I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract."
- 8.9 Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when

payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego's Equal Opportunity Contracting Department at 619-236-6000.

**8.10 Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. As of March 1, 2015, no contractor or subcontractor may be listed on a bid or proposal for a public works project unless registered with the DIR pursuant to Labor Code section 1725.5. As of April 1, 2015, a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, or enter into any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. By submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration to the City upon request.

**8.10.1** A Contractor's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.



IN WITNESS WHEREOF, this Contract is executed by the City of San Diego pursuant to Resolution No. R-312020 authorizing such execution, and the Design-Builder acting by and through its authorized officers.

**TC Construction Company, Inc.**

By: 

Name: AUSTIN CAMERON, PRESIDENT

Date: 9/14/2017

THE CITY OF SAN DIEGO

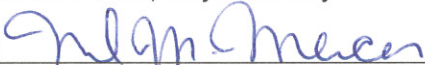
By: 

Brittany Friedenreich  
Contract Specialist  
Public Works Contracts

Date: 10/30/18

I HEREBY APPROVE the form of the foregoing agreement this 31<sup>st</sup> day of October, 2018

Mara W. Elliott, City Attorney

By:   
Deputy City Attorney

Stem-332  
10/23/18  
(R-2019-176)

RESOLUTION NUMBER R- 312020

DATE OF FINAL PASSAGE OCT 26 2018

A RESOLUTION OF THE COUNCIL OF THE CITY OF SAN DIEGO AUTHORIZING FIVE MULTIPLE AWARD DESIGN-BUILD CONTRACTS (K-17-1518-MAC-3) FOR WATER, WASTEWATER, AND STORM WATER PIPELINE PROJECTS; AND TAKING RELATED ACTIONS.

WHEREAS, the City Council is requested to approve the award of five (5) Multiple Award Design-Build Contracts for a cumulative value of \$100,000,000 for the purpose of providing design and construction services for water, wastewater, and storm water pipeline Capital Improvement Program projects (Agreements); and

WHEREAS, the selected firms will compete for task orders for water, wastewater and storm water pipeline projects in the Multiple Award Construction Contract (MACC) program with a minimum guarantee of \$5,000; and

WHEREAS, the total contract term of this MACC may not exceed five (5) years or \$100,000,000 with all Task Orders to be issued within the first three (3) years; and

WHEREAS, in accordance with Administration Regulation (AR) 25.6, the Public Works Department advertised the Request for Qualifications (RFQ) for Design-Build services and five out of the six responding firms to the RFQ were selected to compete for site specific design-build projects under the task order process; NOW, THEREFORE,

BE IT RESOLVED, by the Council of the City of San Diego, as follows:

1. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the first being KTA Construction, Inc. for Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No.

RR- 312020-1

2. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the second being Orion Construction Corporation for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-2

3. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the third being TC Construction Company, Inc. for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-3

4. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the fourth being Shimmick Construction Company, Inc. for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-4

5. That the Mayor, or his designee, is authorized to execute, for and on behalf of the City, five Multiple Award Construction Contracts (MACC) simultaneously with the fifth being Burtech Pipeline, Inc. for Water, Wastewater, and Storm Water Pipeline Projects, under the terms and conditions set forth in the Agreement, on file in the Office of the City Clerk as Document No. RR- 312020-5

6. That the Chief Financial Officer is authorized to expend an amount not to exceed \$100,000,000 over five years for the purpose of funding the MACC contracts (K-17-1518-MAC-3) with listed firms upon the adoption of the Annual Appropriation Ordinance for the applicable fiscal year, and contingent upon the Chief Financial Officer first furnishing one or more

certificates certifying that funds necessary for expenditure are, or will be, on deposit with the City Treasury.

7. That the Chief Financial Officer is authorized to expend an amount not to exceed \$25,000 (\$5,000 for each contract) in CIP A-JA.00002, Pipeline Rehabilitation, Fund 700008, Muni Sewer Utility CIP, for the purpose of executing these contracts and meeting minimum contract requirements.

8. That the Chief Financial Officer is authorized, upon advice from the administering department, to transfer excess budgeted funds, if any, to the appropriate reserves.

APPROVED: MARA W. ELLIOTT, City Attorney

By Mark M. Mercer  
Mark M. Mercer  
Deputy City Attorney

MMM:cw  
10/03/18  
Or.Dept: Public Works Department  
CC No.: 3000011313  
Doc. No.: 1848983

I hereby certify that the foregoing Resolution was passed by the Council of the City of San Diego, at its meeting of OCT 23 2018.

ELIZABETH S. MALAND  
City Clerk

By Elizabeth S. Maland  
Deputy City Clerk

Approved: 10/26/18  
(date)

Kevin L. Faulconer  
KEVIN L. FAULCONER, Mayor

Vetoed: \_\_\_\_\_  
(date)

\_\_\_\_\_  
KEVIN L. FAULCONER, Mayor

Passed by the Council of The City of San Diego on OCT 23 2018, by the following vote:

Councilmembers	Yeas	Nays	Not Present	Recused
Barbara Bry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lorie Zapf	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chris Ward	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Myrtle Cole	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mark Kersey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chris Cate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scott Sherman	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
David Alvarez	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Georgette Gomez	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Date of final passage OCT 26 2018.

(Please note: When a resolution is approved by the Mayor, the date of final passage is the date the approved resolution was returned to the Office of the City Clerk.)

AUTHENTICATED BY:

KEVIN L. FAULCONER  
Mayor of The City of San Diego, California.

ELIZABETH S. MALAND  
City Clerk of The City of San Diego, California.

(Seal)

By , Deputy

Office of the City Clerk, San Diego, California

Resolution Number R- 312020

Passed by the Council of The City of San Diego October 23, 2018, by the following vote:

**YEAS:** BRY, ZAPP, WARD, KERSEY, CATE, SHERMAN, GÓMEZ.

**NAYS:** COLE, ALVAREZ.

**NOT PRESENT:** NONE.

**RECUSED:** NONE.

AUTHENTICATED BY:

**KEVIN L. FAULCONER**

Mayor of The City of San Diego, California

**ELIZABETH S. MALAND**

City Clerk of The City of San Diego, California

(Seal)

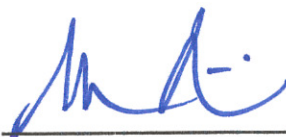
By: Matthew R. Hilario, Deputy

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of  
RESOLUTION NO. R-312020, approved on October 23, 2018. The date of final  
passage is October 26, 2018.

**ELIZABETH S. MALAND**

City Clerk of the City of San Diego, California

(Seal)

By:  \_\_\_\_\_, Deputy