

City of San Diego

CITY CONTACT

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AB/MM/EZ



REQUEST FOR PROPOSAL (RFP)

FOR

MULTIPLE AWARD CONSTRUCTION CONTRACTS (MACC) FOR WATER, WASTEWATER, AND STORMWATER PROJECTS

TASK ORDER:	Water GJ949 and Water & Sewer GJ946
TASK ORDER NO.:	01
RFQ NO.:	12MCL100
RFP NO.:	01
PROPOSAL NO.:	K-13-5845-MAC-3-C
SAP NO. (WBS/IO/CC):	B-11045, B-11042, B-12071
CLIENT DEPARTMENT:	PUD
COUNCIL DISTRICT:	3, 4
PROJECT TYPE:	KB, JA

THIS TASK IS SUBJECT TO THE FOLLOWING:

- PHASED FUNDING
- SMALL AND LOCAL BUSINESS ENTERPRISE (SLBE) PROGRAM
- MANDATORY USE OF APPRENTICES

PROPOSALS DUE

12:00 NOON

JANUARY 9, 2013

CITY OF SAN DIEGO

PUBLIC WORKS CONTRACTING GROUP

1010 SECOND AVENUE, SUITE 1400, MS 614C

SAN DIEGO, CA 92101

ATTN: CONTRACT SPECIALIST

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1.0 INTRODUCTION

- 1.1** This is the City of San Diego's (City) second phase in the selection process to provide Design-Build services for Task Order 01 (TO-01) i.e., **Water Group 949 and Water & Sewer Group 946 Project** (Project) under a lump sum contract.
- 1.2** This RFP is being issued exclusively to the following selected firms for this selection process who each has entered into a base MACC contract (Contract) with the City:
 - 1.2.1** El Cajon Grading & Engineering Company, Inc. in association with David Evans and Associates, Inc.
 - 1.2.2** J.R. Filanc Construction Company, Inc. in association with Arrieta Construction, Inc. and HDR
 - 1.2.3** Orion Construction Corp./Balboa Construction, Inc. J.V. in association with Harris & Associates and Richard Brady & Associates
 - 1.2.4** Ortiz Corporation in association with AECOM
 - 1.2.5** TC Construction Company in association with RBF Consulting
- 1.3** This RFP describes the Project, the required scope of Work and Services, the Design-Builder selection process, the minimum information that must be included in the Proposal for this Project, and, the terms and conditions governing the Work. The only work authorized under the Contract is work ordered by the City through issuance of a TO.
- 1.4** Each Proposal properly executed as required by this RFP shall constitute a firm offer, which may be accepted by the City within the time specified in the Proposal.
- 1.5** This RFP will not commit the City to award a contract or Task Order (TO), to defray any costs incurred in the preparation of a Proposal pursuant to this RFP, or to procure or contract for the Work.
- 1.6** All Proposals submitted in response to this RFP are the property of the City. After the selection process is complete, the Proposals become non-exempt public records, and as such may be subject to public view.
- 1.7** Selection announcements, contract awards, and all data provided by the City shall be protected from public disclosure. The Design-Builders desiring to release information to the public, shall receive prior written approval from the City.
- 1.8** The Design-Builder, by submitting a response to this RFP, agrees to provide the required services for the terms and conditions noted in this RFP and its attachments, if awarded by the City. The agreement and other terms and conditions are included in the Multiple Award Design-Build Contract and The GREENBOOK, The WHITEBOOK, and the Supplementary Special Provisions (SSP).
- 1.9** This RFP amends the Standard Specifications for Public Works Construction (the GREENBOOK), including supplement amendments set forth in the City of San Diego Standard Specifications for Public Works Construction (the WHITEBOOK). All changes and or additions are stated herein and all other provisions remain unchanged.

2.0 PROJECT VALUE

2.1 The City’s estimate of the Contract Price including the City’s Contingency is **\$9,980,000.**

3.0 CONTRACT TIME

3.1 The Project shall be completed within **559 Working Days** from the NTP.

4.0 CONTRACTOR'S LICENSE CLASSIFICATION AND PRE-QUALIFICATION STATUS

The Design-Builder shall ensure that Design-Builder’s license(s) as specified in the RFQ shall be valid when Proposal is submitted. In addition, the Design-Builder shall maintain its prequalification status at the time of the Proposal submittal as specified in the RFQ. Failure to comply with these requirements will result in rejection of the Proposal.

5.0 SELECTION AND AWARD SCHEDULE

5.1 The City anticipates that the process for awarding the TO will be according to the following tentative schedule:

5.1.1	Pre-Proposal Meeting	December 20, 2012
5.1.2	Proposal Due Date	January 9, 2013
5.1.3	Presentations	January 16, 2013
5.1.4	Selection and Notification	January 30, 2013
5.1.5	Limited Notice to Proceed	March 2013

6.0 EQUAL OPPORTUNITY CONTRACTING

6.1 All Equal Opportunity Contracting (EOC) information provided by the Design-Builder and requirements set forth in the RFQ shall apply to the RFP process. The Design-Builder shall review the information, data, and documentation provided in the Design-Builder’s SOQ and changes shall be clearly identified in the Proposal; otherwise the information, as previously submitted, will be deemed complete and accurate.

6.2 The **mandatory** minimum subcontractor participation percentages for this RFP are as follows:

SERVICES	SLBE	ELBE	DVBE	TOTAL
Design Services	3.3%	3.6%	0.6%	7.5%
Construction Services	8.2%	14.1%	0.6%	22.9%
Total	11.5%	17.7%	1.2%	30.4%

- 6.3** The required subcontracting percentages apply to 1st tier Subcontractors only.
- 6.4** For the purpose of achieving the proposed subcontractor participation percentage, Allowance Proposal Items will not be included in the calculation. The Design-Builder may not substitute DVBE for SLBE/ELBE or SLBE/ELBE for DVBE. Percentages are based on the Project value used to determine the apparent winner. Percentages for design and construction may not be substituted for one another. Additive and Deductive items will be used in the calculations only if they are included in the basis of determining the apparent winner.
- 6.5** The Proposal shall be deemed **non-responsive** if the Subcontractor and Supplier listings submitted and enclosed with the Price Proposal fail to meet the above minimum required subcontracting participation levels.
- 6.6** The Design-Builders' Proposals will be further evaluated for their commitment to the City's principles of equal opportunity as specified in this RFP. See Attachment B, "Proposal Submittal Requirements and Selection Criteria" for more information.
- 6.7** The Contractor and Subcontractors shall comply with requirements of the City's Nondiscrimination in Contracting Ordinance, San Diego Municipal Code §§22.3501 through 22.3517. The Contractor shall not discriminate on the basis of race, gender, religion, national origin, ethnicity, sexual orientation, age, or disability in the solicitation, selection, hiring or treatment of Subcontractors, vendors or suppliers. The Contractor shall provide equal opportunity for Subcontractors to participate in subcontracting opportunities. The Contractor understands and agrees that violation of this clause shall be considered a material breach of the Contract and may result in Contract termination, debarment, and other sanctions.
- 6.8** The Contractor shall include the foregoing clause (i.e., Section 6.7) in all contracts between the Contractor and Subcontractors and Suppliers.

7.0 PRE-PROPOSAL ACTIVITIES

7.1 Questions Concerning RFP

- 7.1.1** The Director or designee of the Public Works Department is the officer responsible for responding to questions and opening, examining, and evaluating the competitive Proposals submitted to the City for the acquisition, construction, and completion of any public improvement except when otherwise set forth in these documents.
- 7.1.2** All questions regarding this RFP and Contract Documents shall be presented in writing to the Contract Specialist at the US Postal Service or the e-mail address identified on the cover sheet of this RFP prior to the Proposal due date.
- 7.1.3** Questions received less than 14 Days prior to the Proposal due date may not be answered.
- 7.1.4** Interpretations or clarifications of this RFP considered necessary by the City in response to such questions will be issued by Addenda.

- 7.1.5 The City at its option, may respond to any or all questions submitted in the form of an Addendum. Only questions answered by formal written Addendum will be binding. Oral and other interpretations or clarifications will be without legal effect.
- 7.1.6 The changes to the RFP through Addendum are made effective as though originally issued with the RFP. It is the Design-Builder's responsibility to become informed of any Addenda that have been issued and to include all such information in its Proposal.

7.2 Pre-Proposal Meeting

- 7.2.1 A **mandatory** Pre-Proposal meeting will be held on December 20, 2012, from 10:00 AM to 11:00 AM, at 1010 Second Avenue, Suite 1400 (14th floor), San Diego, CA, 92101.
- 7.2.2 All Design-Builders are **required** to attend. Any materials distributed at the meeting will be issued to all RFP recipients in the form of an addendum to the RFP. It is not necessary for all members of a the Design-Builder's team to be present at the Pre-Proposal Meeting, however, the Design-Builder will be responsible for receiving and applying all information discussed at the Pre- Proposal Meeting.
- 7.2.3 To request a copy of the agenda on an alternative format, or to request a sign language or oral interpreter for this meeting, call the Public Works Contracting Group at (619) 533-3450 at least 7 days prior to the Pre-Proposal Conference to ensure availability.
- 7.2.4 Proposal will be considered **non-responsive** if the Design-Builder fails to attend the Pre-Proposal Meeting as evidenced by the City's meeting sign-in sheet when such a meeting has been specified to be required.
- 7.2.5 Firms participating in the Pre-Proposal Meeting and site visit (if any) will not be compensated for their participation.

7.3 Pre-Proposal Site Visit

- 7.3.1 No Pre-Proposal Site visit is scheduled for the Work. The Design Builders may request access to the site, if needed to complete their proposal, by calling the Public Works Contracting Group at (619) 533-3450 at least 2 Days prior to the date requested for access.

8.0 EXAMINATION OF PLANS, SPECIFICATIONS, AND SITE OF WORK

- 8.1 Contract Documents may be obtained by visiting the City's website: <http://www.sandiego.gov/engineering-cip/services/consultcontract/advertising.shtml>. Plans and Specifications for this contract are also available for review in the office of the Public Works Contracting Group.

8.2 The Design-Builders shall examine carefully the Project Site, the Plans and Specifications, and other materials as described in or referenced by this RFP. The submission of a Proposal shall be conclusive evidence that the Design-Builder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and scope of Work, the quantities of materials to be furnished, local conditions, and as to the requirements of the Contract Documents.

9.0 CHANGES TO THE SCOPE OF WORK

9.1 The Design-Builder shall immediately notify the City in writing of any proposed or anticipated change in the Scope, Contract Amount, or Contract Time, and shall obtain City's written consent to the change prior to making any changes. In no event shall City's consent be construed to relieve the Design-Builder from its duty to render all Work and Services in accordance with applicable laws and accepted industry standards.

10.0 DESIGN SUBMITTALS

10.1 The City's review of The Design-Builder's Design Submittals shall not relieve the Design-Builder from its responsibilities under the Contract, or be deemed to be an acceptance or waiver by City of any deviation from, or of the Design-Builder's failure to comply with, any provision or requirement of the Contract Documents, unless such deviation or failure has been identified as such in writing in the document submitted for acceptance by The Design-Builder and accepted by City. Where approval or acceptance by City is required, it is understood to be general approval only, and does not relieve the Design-Builder of responsibility for complying with all applicable laws and good professional practices as the Design-Builder shall be the Engineer of Record.

11.0 BONDS AND INSURANCE

11.1 Prior to the award of TO, the Design-Builders shall submit evidence of separate bonds and insurance as specified in Sections 2-4, "CONTRACT BONDS," 7-3, "LIABILITY INSURANCE," and 7-4, "WORKERS' COMPENSATION INSURANCE" of the City's standard specifications for public works constructions unless specified otherwise in the Contract Documents.

12.0 SUBMITTAL REQUIREMENTS

12.1 Each Design-Builder shall submit separate "Technical" and "Price" Proposals as described in this RFP.

12.2 Technical Proposal Requirements

12.2.1 The Technical Proposal shall be concise and well organized and shall demonstrate the Design-Builder's qualifications and experience applicable to the Project. Type size and margins for text pages shall be in accepted

standard formats for desk top publishing and word processing and result in no more than 500 words per page. A cover letter may be submitted but shall not contain any information that is a required element of the Technical Proposal (Attachment “B” Proposal Submittal Requirements and Selection Criteria).

12.2.2 The Design-Builder shall certify that the documentation required under the Work Force Report and Equal Employment Opportunity (EEO) Plan and the Subcontractor Documentation of the RFQ remains correct and accurate. If any changes or modifications are required to the aforementioned documents, they shall be documented in the Work Force Report and EEO Plan forms included in the Contract Documents as attachments and submitted with the Proposal. The EOCP information not revealing the Contract Price shall be submitted with the Technical Proposal.

12.2.3 The Technical Proposals submitted in response to the RFP shall be in accordance with the requirements listed in Attachment B. The contents of the Proposal shall be organized consistent with the Attachment B.

12.3 Price Proposal Requirements

12.3.1 This solicitation is for a Lump Sum contract.

12.3.2 One executed original, clearly marked on the cover, of the Price Proposal shall be submitted in a separate sealed envelope. Refer to Attachment D of this RFP for the Price Proposal form to be used.

12.3.3 The Price Proposal shall be signed by an individual or individuals authorized to execute legal documents on behalf of the Design-Builder.

12.3.4 The lowest proposed price is not the determining factor for issuance of a TO. See Attachment ‘B’ for criteria from which the proposals will be evaluated.

12.3.5 In case of discrepancies, written numbers will govern over numerical. The summation of all lump sum, unit prices, allowances and any other priced items will govern over the total price in case of discrepancies between the two.

12.3.6 Certain EOCP information (i.e., Subcontractors and Suppliers listings) that indicates the dollar value of the portions of the work to be performed by the Subcontractors and Suppliers shall be submitted as part of the sealed Price Proposal.

12.4 Submittal Requirements

12.4.1 General

12.4.1.1 A corporation designated as the selected Design-Builder shall furnish evidence of its corporate existence and evidence that the officer signing the Proposal, bonds, and TO authorization

(when required by the City) for the corporation is duly authorized to do so.

- 12.4.1.2 Price Proposal shall be made only upon the Proposal form attached to and forming a part of the specifications. The signature of each person signing shall be in longhand.
- 12.4.1.3 The Design-Builder shall complete and submit all pages in the "Proposal Documents" Section as their Price Proposal per the schedule given under "Required Documents Schedule." The Design-Builder is requested to retain for their reference other portions of the Contract Documents that are not required to be submitted with the Proposal. The entire specifications for the proposal package do not need to be submitted with the proposal.
- 12.4.1.4 Proposals and certain other forms and documents shall be enclosed in a sealed envelope and shall bear the title of the work and name of the Design-Builder and the appropriate State Contractors License designation which the Design-Builder holds.
- 12.4.1.5 Proposals may be withdrawn by the Design-Builder prior to, but not after, the due date and time for receipt of Proposals. The Proposal shall be signed by an individual or individuals authorized to execute legal documents on behalf of the Design-Builder.
- 12.4.1.6 Proposals or modifications thereto received subsequent to the hour and date specified on the cover of this RFP may cause the Design-Builder's Proposal to be rejected as **non-responsive**.
- 12.4.1.7 Failure to comply with the requirements of this RFP may result in disqualification.

12.4.2 Technical Proposal

- 12.4.2.1 One clearly marked on the cover executed original, 7 complete paper copies of the Proposal, and 1 Compact Disk (CD) or Digital Video Disk (DVD) with a complete Portable Document Format (PDF) formatted version of the submitted documents for this proposal shall be included. The following information will be clearly marked on the outside of each package:

Name of the Design-Builder

Project Title

"Technical Proposal" Package No. (e.g., 1 of 16, 2 of 16, etc.)
Marked (in red)

12.4.2.2 Design elements which deviate from the scope of Work, City’s design guidelines, or material substitution which differs from the Approved Material List shall be highlighted in accordance with Attachment B, “Exceptions to the RFP” of the Proposal and brought to City’s attention during the presentation and interview.

12.4.3 Price Proposal

12.4.3.1 The Price Proposal is to be submitted in sealed packages with the following information clearly marked on the outside of each package:

Name of the Design-Builder

Project Title

“Price Proposal” Marked (in red)

12.5 Review of Technical Proposal

12.5.1 Following the receipt of the Technical Proposal, the City anticipates at least 2 weeks for review of the Technical Proposals. Subsequent to receipt, the City will provide written notice of the schedule for technical presentations. The purpose of the presentation is it provides an opportunity for the Design-Builder to elaborate on and highlight significant parts of the Proposal. It also provides an opportunity for the Panel to ask questions and to seek clarifications about the Proposal. This schedule will be on a "random draw" basis and the order of presentations has no bearing on the potential for award.

12.6 Technical Presentation

12.6.1 The presentation will consist of a 30 minute presentation by the Design-Builder and 10 minutes of questions by the Panel. The presentation shall be presented by the Design-Builder’s key personnel who will be continuously involved on site or in San Diego, in relative proportion to their level of involvement.

12.6.2 The Design-Builders are responsible for bringing any and all equipment and materials that are required for the presentation. The City will not provide any equipment or materials for presentations.

12.7 Final Selection (Weighted Criteria)

12.7.1 Based on the Design-Builder's Proposal and the follow-up presentation and using the Project’s Evaluation Criteria, the Panel will rank the Design-Builder’s Proposal by determining the score which shall be calculated as follows:

12.7.1.1 A maximum of 60 points will be assigned for the Contract Price as proposed. The lowest total estimated Contract Price of all the Proposals that meet the requirements of this RFP will receive the

maximum assigned points to this category. The other Price Proposals will be scored based on how much higher their total estimated Contract Prices compare with the lowest:

$$\left(1 - \frac{(\text{Contract Price} - \text{Lowest Contract Price})}{(\text{Lowest Contract Price})}\right) \times 60\{\text{Max Pts}\} = \text{Pts Rcvd}$$

12.7.1.2 A maximum of 40 points will be assigned for the qualitative criteria noted in Attachment ‘B’ of this RFP. All Proposals shall receive scores based on 40 times the average of the composite ratings provided by the Panel.

12.7.1.3 The Apparent Winner will be the team with the highest total score earned. The Design-Builders will be notified in writing of the City’s final decision.

12.7.1.4 For example, if the lowest total estimated Contract Price of all proposals is \$100, that Proposal would receive the maximum allowable points for the price category. If the total estimated Contract Price of another proposal is \$105 and the maximum allowable points is 60 points, then that Proposal would receive $(1 - ((105 - 100)/100) \times 60 = 57$ points, or 95% of the maximum points. The lowest score a Proposal can receive for this category is zero points (i.e., the score cannot be a negative number). The following example using the same 60/40 split illustrates the calculation outcomes, with Firm A winning the competition even though Firm A did not have the highest rated proposal or the lowest price:

Firm	Avg. Composite Rating	Qualitative Score (40 Max)	Price Proposal	Price Score (60 Max)	Total Score (100 Max)
A	85.00	34.00	\$105	57.00	91.00
B	35.20	35.20	\$130	42.00	77.20
C	20.00	20.00	\$100	60.00	80.00

Note: All figures will be rounded off to 2 decimal places.

12.8 Use of Reference Documents and Pre-Design Reports

12.8.1 The City has made available As-Built Plans and Reference Documents related to the Project. Use of these reports shall be for general Project background information only, and shall be used at the Design-Builder’s risk. No responsibility is assumed by the City for the completeness or accuracy of these reports. See Scope of Work (Attachment ‘A’).

13.0 OPENING OF PRICE PROPOSALS:

13.1 After the Technical Proposals have been evaluated and scored, the City will open the Price Proposals and make the selection of the winning Design-Builder in accordance with the criteria set forth above under Section 12.7, “Final Selection (Weighted Criteria)” of this RFP. The City will announce in writing the selected Design-Builder via correspondence to all participants indicating the Average Composite Rating, Qualitative Score, Price Proposal, Price Score, Total Score, and Rank for all proposers evaluated. The notification to the Design-Builders shall constitute the public announcement of the Apparent Winner. In the event that the Apparent Winner is subsequently deemed non-responsive or non-responsible, a new public announcement will be provided to all proposers with the name of the newly designated Apparent Winner.

14.0 ADDITIONAL TERMS AND CONDITIONS

14.1 Protests. A Design-Builder may protest the award of a task order to another Design-Builder in accordance with San Diego Municipal Code section 22.3017.

14.2 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 SOQ 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 SOQ and Proposal statement of qualifications or proposal without written consent of the City.

14.3 Project Team. The Design-Builder shall maintain all representations, team members, and proposed tasks and work elements as valid, except for the schedule which would be adjusted as mutually agreed upon by the City and the Design-Builder.

14.4 Submittal of “Or Equal” Items. See 4-1.6, “Trade Names or Equals” in the SSP and as modified by the Scope of Work Attachment A.

14.5 Subcontract Limitations. The Design-Builder’s attention is directed to Standard Specifications for Public Works Construction, Section 2-3, “SUBCONTRACTS” which requires the Design-Builder to perform not less than the amount therein stipulated with its own forces. Failure to comply with these requirements may render the Proposal **non-responsive**.

14.6 San Diego Business Tax Certificate. All Contractors, including Subcontractors, not already having a City of San Diego Business Tax Certificate for the work contemplated shall secure the appropriate certificate from the City Treasurer, Civic Center Plaza, first floor, before the Contract can be executed.

14.7 City Standard Provisions. This RFP and the subsequent TO are subject to the following standard provisions. See The WHITEBOOK for details.

14.7.1 The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.

- 14.7.2 The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.
- 14.7.3 The City of San Diego Municipal Code §22.3004 for Pledge of Compliance.
- 14.7.4 The City of San Diego’s Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
- 14.7.5 Sections 1777.5, 1777.6, and 1777.7 of the State of California Labor Code concerning the employment of apprentices by contractors and subcontractors performing public works contracts.
- 14.7.6 The City’s Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
- 14.7.7 The City’s Information Security Policy (ISP) as defined in the City’s Administrative Regulation 90.63.

15.0 PHASED FUNDING

15.1 Phased Funding

- 15.1.1 The selected The Design-Builder will be required to provide a Pre-award Schedule in accordance with sections 9-3 and 6-1 of the Supplementary Special Provisions (SSP) prior to award of Contract.
- 15.1.2 For phased funded contracts, the City typically secures enough funds for the first 90 Days of the contract prior to award. Within 10 Working Days after announcement of the Apparent Winner, the Design-Builder must contact the Project Manager to discuss fund availability and the duration of the first phase and submit the Pre-Award Schedule to the City for approval and preparation of the first Phased Funding Schedule Agreement.
- 15.1.3 The Design-Builder will be required to provide a Pre-award Schedule in accordance with 6-1, “CONSTRUCTION SCHEDULE AND COMMENCEMENT OF THE WORK” and 9-3, “PAYMENT” prior to award of Contract.
- 15.1.4 If the Proposal submitted by the Apparent Winner is rejected by the City for any reason, then within 5 Working Days after receiving notice, the next Apparent Winner must provide the Pre-Award Schedule. This process will continue until the City has selected a Design-Builder or has decided to reject all Proposals.
- 15.1.5 The first Phased Funding Schedule Agreement must show the fund availability for the first phase. Within 22 Working Days from the date of the announcement of, or notice to the next Apparent Low Proposer (whichever occurs last) and once a Pre-Award Schedule is accepted by the City, the City will present the first Phased Funding Schedule Agreement to you when you are selected as the Apparent Low Proposer.

15.1.6 At the City’s request, you must meet with the City’s Project manager before execution of the first Phased Funding Schedule Agreement to discuss his or her comments and requests for revision to the Pre-Award Schedule.

15.1.7 Your failure to perform the following may result in the Proposal being rejected as **non-responsive**:

15.1.7.1 meet with the City’s Project manager, if requested to do so, to discuss and respond to the City’s comments regarding the Pre-Award Schedule,

15.1.7.2 revise the Pre-Award Schedule as requested by the City within the specified 22 Working Days timeframe, or

15.1.7.3 execute the first Phased Funding Schedule Agreement within a Day after receipt.

16.0 REQUIRED DOCUMENTS SCHEDULE

16.1.1 The Design-Builder’s attention is directed to the City’s Municipal Code §22.0807(e), (3)-(5) for important information regarding grounds for debarment for failure to submit required documentation.

16.1.2 The specified Equal Opportunity Contracting Program (EOCP) forms are available for download from the City’s web site at:

<http://www.sandiego.gov/eoc/forms/index.shtml>

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED	DOCUMENT DUE (AS CHECKED) WITH:	
				TECHNICAL PROPOSAL	PRICE PROPOSAL
1.	PROPOSAL SUBMITTAL DATE/TIME	ALL DESIGN-BUILD FIRMS	Price Proposal Form		√
2.	PROPOSAL SUBMITTAL DATE/TIME	ALL DESIGN-BUILD FIRMS	Non-collusion Affidavit to be Executed By Proposer and Submitted with Proposal under 23 USC 112 and PCC 7106		√
3.	PROPOSAL SUBMITTAL DATE/TIME	ALL DESIGN-BUILD FIRMS	Contractors Certification of Pending Actions		√
4.	PROPOSAL SUBMITTAL DATE/TIME	ALL DESIGN-BUILD FIRMS	Equal Benefits Ordinance Certification of Compliance		√
5.	PROPOSAL SUBMITTAL DATE/TIME	ALL DESIGN-BUILD FIRMS	Form AA05 – Design-Build List of Subcontractors		√

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED	DOCUMENT DUE (AS CHECKED) WITH:	
				TECHNICAL PROPOSAL	PRICE PROPOSAL
6.	PROPOSAL SUBMITTAL DATE/TIME	ALL DESIGN-BUILD FIRMS	Form AA15 - Design-Build List of Subcontractors	√	
7.	PROPOSAL SUBMITTAL DATE/TIME	ALL DESIGN-BUILD FIRMS	Form AA25 - Design-Build Named Equipment/Material Supplier List		√
8.	PROPOSAL SUBMITTAL DATE/TIME	ALL DESIGN-BUILD FIRMS	Form AA30 - Design-Build Named Equipment/Material Supplier List	√	
9.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Names of the principal individual owners of the Apparent Low Proposer -		
10.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	If the Contractor is a Joint Venture, the following information must be submitted: <ul style="list-style-type: none"> • Joint Venture Agreement • Joint Venture License 		
11.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Contract Forms - Agreement		
12.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Contract Forms – Performance Bonds and Labor and Materialmen’s Bond		
13.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Certificates of Insurance and Endorsements		
14.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Contractor Certification - Drug-Free Workplace		

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED	DOCUMENT DUE (AS CHECKED) WITH:	
				TECHNICAL PROPOSAL	PRICE PROPOSAL
15.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Contractor Certification - American with Disabilities Act		
16.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Contractors Standards - Pledge of Compliance		
17.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Phased Funding Schedule Agreement (when required)		
18.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Pre-Award Schedule (Phased Funded Contracts Only)		
19.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Form BB05 – Work Force Report		

ATTACHMENT A
PROJECT DESCRIPTION, SCOPE OF WORK, AND TECHNICAL SPECIFICATIONS
(BRIDGING DOCUMENTS)

ATTACHMENT A

PROJECT DESCRIPTION, SCOPE OF WORK, AND TECHNICAL SPECIFICATIONS

(BRIDGING DOCUMENTS)

PUBLIC WORKS DEPARTMENT

1. **Project Description:**

- 1.1. Design and construction of Water GJ 949 and Water & Sewer GJ 946 (i.e., Site 1 and Site 2). This Project consists of the installation of 8", 12" and 16" water mains and the installation of 8" and 15" sewer mains, including water services, fire services, valves, fire hydrants, sewer laterals, sewer replumb laterals and agreements, markers, manholes, laterals, trench resurfacing, AC overlay for all effected streets, pressure reducing station, Caltrans encroachment permit acquisition and coordination, pipe replacement within Caltrans Jurisdiction within a bridge cell, pavement resurfacing, curb ramps, traffic control, archeology and paleontology mitigations, and all other work and appurtenances in accordance with the Plans and Specifications.

2. **Scope of Work:**

- 2.1. The Work and Services required of the Design-Builder include those during design and construction of the Project. The Design-Builder shall provide all management, supervision, labor, services, equipment, tools, supplies, temporary facilities, and any other item of every kind and description required for the complete design and construction of the Project.
- 2.2. The Design-Builder shall be responsible for performing and completing, and for causing all Sub-consultants/Subcontractors to perform and complete the design and construction of the Project as set forth in the Contract Documents.
- 2.3. The Design-Builder shall provide all Work and Services required by the Contract Documents, including those described as "if required," "if directed," "potential," "optional," "may," or similar adjectives and phrases. This work falls under the appropriate proposal items.
- 2.4. The Design-Builder covenants that the Services shall meet the performance expectations of the City as described in this Scope. The Design-Builder shall be responsible for achieving Completion of the Project as set forth in the Project Schedule, as the same may be extended from time to time pursuant to the provisions of the Contract.
- 2.5. The submission of a Proposal shall be conclusive evidence that the Design-Builder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and scope of Work, the quantities of materials to be furnished, the local conditions under which the Work is to be performed, and as to the requirements of the Proposal Documents, Plans, and Specifications.
- 2.6. As the Engineer of Work, the Design-Builder shall refer to the City's preliminary design information for the purpose of preparing a set of Plans and Specifications for the construction.

- 2.7.** The Scope of Work and Services [Scope] shall also include but is not limited to the following:
- 2.7.1.** Conducting investigations, as-built research, and additional design survey services including physical and aerial surveys if needed for the completion of design work;
 - 2.7.2.** Preparing & completing 30%, 60%, 100%, and Final design drawings. For Water GJ 949 a set of 30% design plans has been provided. The Design-Builder is solely responsible for the preparation and completion of design plans for construction.;
 - 2.7.3.** obtaining plan check approvals; and providing engineering services during construction, startup, and testing;
 - 2.7.4.** construction of sewer mains, water mains and appurtenances;
 - 2.7.5.** monitoring for potential of any hazardous materials and coordination with local resource agencies;
 - 2.7.6.** value engineering;
 - 2.7.7.** additional geotechnical investigation and potholing;
 - 2.7.8.** performance and implementation of QA/QC,
 - 2.7.9.** landscaping and re-vegetation plan;
 - 2.7.10.** traffic control, paving, AC overlay for all streets, storm water permitting and compliance;
 - 2.7.11.** Caltrans permit acquisition;
 - 2.7.12.** coordinating with the City Project and Construction Managers and other utility owners/contractors; and
 - 2.7.13.** scheduling, community outreach and public relations, and preparation of as-built drawings.
- 2.8.** The Design-Builder shall use CADD in compliance with the City’s “Consultant Standards for Preparation of PS&E.”
- 2.9.** The Design-Builder shall use the Primavera Project Management and Scheduling Software or equal. The Design-Builder shall submit and maintain a task-oriented computerized schedule for completing the Work over the life of the Project in accordance with Section 6-1, “CONSTRUCTION SCHEDULE AND COMMENCEMENT OF THE WORK.”
- 2.10.** As required by California Government Code section 830.6, prior to construction, the design (including changes) for the Project and/or any portion thereof shall be approved by the Engineer.

3. City Services:

- 3.1.** The City will provide only the services listed in this section. All other services necessary for complete design and construction of the Project shall be provided by The Design-Builder.
- 3.1.1.** Project Management and Administration. The City will respond to Design-Builder's written questions regarding Project definition and scope within 15 Working Days of receipt. See The WHITEBOOK, Chapter 3, Part 1, General Provisions (B), subsection 2-6.7.
- 3.1.2.** Submittal Review and Approval. The City will review each submittal within 20 Working Days of receipt. See The WHITEBOOK, Chapter 1, Part 1, General Provisions (A), subsection 2-5.3.1.
- 3.1.3.** Construction inspection, administration, and material testing.
- 3.1.4.** Construction Survey.
- 3.1.5.** Plan checking fees.
- 3.1.6.** One-time orientation on the use of the Right-of-Way Design Division [ROWDD] GIS and other databases that the City makes available to the Design- Builder.
- 3.1.7.** Easement Acquisition, including right-of-way drawing.
- 3.1.8.** Permit fees (not including Caltrans).

4. City Provided Information:

- 4.1.** The City will provide the following information to Design- Builder. The City does not guarantee the accuracy of this information. The Design-Builder shall conduct further research as necessary to verify the information.
- 4.1.1.** Access to existing topographic maps, San Diego Geographical Information Source (SanGIS) Maps, and electronic files in the possession of the Right-of- Way Design Division. The Design-Builder's reasonable expenses for copying will be reimbursed by City unless the copying was performed using City equipment and supplies.
- 4.1.2.** One time access to the CIP Tracking/SPLASH Database to identify existing and proposed Projects in surrounding areas and limited access, as determined by City, to City's on-line records on, maintenance sites, and recent sewer spills. The Design-Builder shall make arrangements with the Engineer or designee at least 1 week in advance to reserve the computer work station.
- 4.1.3.** Sample set of construction plans for a typical Project. The Design-Builder shall use the sample as minimum guidelines for the format and contents of Plans.
- 4.1.4.** The City's QA/QC checklists.

4.1.5. Access to ROWDD’s on-line as-built drawings and available design survey information where available.

4.1.6. Traffic Control development process.

5. Review of the Design-Builder’s Design Submittals:

5.1. The Design-Builder shall allocate 20 Working Days for City to review and comment on each submittal and 2 weeks for the Design-Builder to respond and for final Working Days resolution of comments. To log and communicate the review comments, actions, and resolutions efficiently, the City intends to utilize a MS Access database or MS Excel spreadsheet to manage the design submittal comments for 30%, 60%, 100%, and Final Designs. The Design-Builder shall review and respond to City’s comments in the format provided by City.

6. Community Input:

6.1. Community input is important. The Design-Builder shall identify major community issues (e.g. access to the public facilities and businesses located within or near the Project area) and shall obtain and address community input. The Design-Builder shall attend at least 2 community presentation meetings of 2-4 hours each (usually scheduled during the early 30% design and prior to start of construction) and during construction as required by the City. The Design-Builder shall also prepare and receive City approval of hand-outs and displays for the community presentations. The Design-Builder shall prepare and implement a community relations plan as discussed later in Community Relations and Public Outreach Program section of this Scope. The Design-Builder shall also receive the Engineer’s approval for night and after-hours work.

7. Photo Log and Videotape:

7.1. The Design-Builder shall comprehensively photograph and videotape the Project Site before, during, and after construction of the Project. Prior to Acceptance, the Design-Builder shall prepare and submit the following items to City:

7.1.1. a still-photo log including the photographs taken;

7.1.2. one copy of each of the still-log photos bound in a three-ring binder; and

7.1.3. two copies of the Project CD in a form acceptable to City.

7.2. The Design-Builder shall request City’s prior written approval for the use of digital photography and submit the relevant specifications for digital submittal with the request.

8. Coordination:

8.1. The Design-Builder shall coordinate design and construction requirements with governmental entities and agencies, private utilities, and all other parties either involved in infrastructure improvements or otherwise affected by the design and construction requirements.

9. Existing Information:

9.1. The City and the Design-Builder recognize that previous studies, designs and reports such as information provided in the Bridging Documents have developed a preliminary definition of the Project. However, these previous efforts have not resulted in a comprehensive and final Project definition. The Design-Builder shall verify all information provided to it by the City pertaining to the Bridging Documents, conceptual plans, Project Site's description, rights-of-way, easements, surveys, existing utilities, soils, hazardous wastes and geotechnical reports, etc., and shall verify the data and recommendations prior to including them into the Project design. The Design Builder shall perform the engineering tasks necessary to further refine and optimize the Project, utilizing as much previous work as possible, ultimately leading to authorization-to-proceed for Construction with Final Design.

10. Requests for Clarifications or Information:

10.1. The Design-Builder shall submit all RFI's to the Engineer in writing. Oral communications shall not be relied upon unless confirmed in writing. RFI's shall be in a format acceptable to the Engineer, and, at a minimum, shall contain: the Project name and WBS number; the request date; the desired response date; a unique numeric request identifier; a title; a reference to the pertinent part of the Bridging Documents, the Design-Build Special Provisions, or other specific part of the Contract Documents; CPM activity number affected; the written request; the Design-Builder's proposed solution, if appropriate; attachments, if any; and the name, telephone number, e-mail address, and title of the request initiator.

11. Substitutions:

11.1. Prior to receipt of the final design, the City will consider written substitution requests from the Design-Builder for substitution of products or manufacturers, and construction methods (if specified). After the City receives the final design, substitution requests will be considered only in the case of unavailability of a product or other conditions beyond control of the Design-Builder.

11.2. The Design-Builder shall have the full burden of demonstrating that the proposed substitution is equal to the specified manufacturer, product, or construction method. By the act of submitting a substitution request, the Design-Builder warrants that:

11.2.1. The Design-Builder has investigated the proposed substitution and has determined that it is equal to or superior in all respects to the specified manufacturer, product, or construction method.

11.2.2. The Design-Builder will provide the same or better guarantees or warranties for the proposed substitution as for the specified manufacturer, product, or construction method.

11.2.3. The Design-Builder waives all claims for additional costs or extensions of time related to the proposed substitution that subsequently may become apparent.

11.3. The City will not accept a proposed substitution if any one of the following applies:

11.3.1. Acceptance will require changes in the design concept or a substantial revision of the Contract Documents.

- 11.3.2. Acceptance will delay completion of the Design-Builder's Work or Services or the work or services of other City contractors.
- 11.3.3. The Design-Builder does not specifically identify a substitution that appears on a Shop Drawing and/or does not submit a formal substitution request.
- 11.4. The City will determine in its sole discretion whether the proposed substitute is equal to the specified manufacturer, product, or construction method. If the City determines that a proposed substitute is not equal to that specified, the Design- Builder shall provide the specified manufacturer, product, or construction method at no additional cost to the City or delay to the Project.
- 11.5. The City will consider only one substitution request for each product.
- 11.6. The Design-Builder shall submit a separate approved Shop Drawing for any proposed substitution that is accepted by the City. The City's acceptance of a substitution does not relieve the Design-Builder from the requirements for submission of Shop Drawings.

12. Design Criteria and Procedure for Review of Design Materials:

- 12.1. *General* - The design criteria presented herein shall apply to the design and new construction of sewer & water main replacement, site preparation, and restoration as outlined in the Bridging Documents. The Project shall be designed and constructed to provide a minimum service life of 50 years. Construction of the Project shall cause minimum interruptions in existing sewer & water services. Changes to the Pre-design Report recommendations e.g., pre-design alignments, paving, and storm drain protection; and construction methods shall be made only if approved by the City.
- 12.2. *Design Responsibilities* – The Design-Builder shall provide all Services for the Project. The Services shall include preparing the 30%, 60%, 100% and Final Design plans for the Project [Final Design], including all necessary design and/or Construction Documents. The Services shall also include those required during construction, and Project Completion. The Services shall be performed in accordance with all Applicable Laws and City policies.
 - 12.2.1. The Design-Builder shall provide complete design for all elements of the Project (as applicable) such as: civil, physical and aerial surveys geotechnical, environmental and specialty consulting areas. Design-Builder shall evaluate alternative construction approaches to ensure economical designs which optimize constructability yet meet all requirements of this Contract, including all applicable laws and applicable architectural concepts, and conceptual designs.
 - 12.2.2. The Design-Builder shall incorporate the requirements of permitting agencies as may become apparent in the course of Project design. The Design-Builder shall apply for and secure all permits and provide all necessary reports, studies, and support required to obtain the permits. Permit and utility fees, if any, will be paid by the City. In addition, the Design-Builder shall research and comply with all Air Pollution Control District and noise abatement requirements, along with any hazardous materials management requirements of NFPA, Cal-OSHA and the City

Fire Department. The Design-Builder shall develop an air pollution control plan, a noise abatement plan, (WPCP) Water Pollution Control Plan and a hazardous materials management plan, if required. If required, the Design-Builder shall incorporate appropriate facilities into the design.

- 12.2.3. With prior authorization from the Engineer, the Design-Builder shall provide additional geotechnical investigations and potholing to the extent the Design-Builder determines that they are necessary for Final Design.

13. Surveying:

- 13.1. The Design-Builder understands and agrees that any survey information provided by the City is preliminary in nature and may not have sufficient accuracy or scope to support Final Design.
- 13.2. The Design-Builder shall perform all additional physical and aerial surveys as needed to prepare the construction plans and as-built drawings in accordance with the City standards.
- 13.3. Construction survey will be performed by the City with prior arrangement. The Design-Builder shall coordinate with the Engineer.

14. As-built information:

- 14.1. The Design-Builder shall obtain and review record drawings and as-built information from available public records, maintenance records, and Average Daily Traffic (ADT) counts, etc. if needed in addition to the information in the Bridging Documents.

15. Environmental and Permit Support:

- 15.1. This Scope is based on studies and reviews performed by City's Development Services Department [DSD] which are included in the Bridging Documents. The Design-Builder shall identify all permits required for the Project as well as all requirements for those permits. All permits shall be acquired by the Design-Builder and the costs thereof paid by City. At the 60%, 100% and Final Design completion levels, the Design-Builder shall submit to City a written list of permits required for the Project. The Design-Builder shall identify all permitting agencies and authorities having jurisdiction. The Design-Builder shall prepare permit applications and submit the applications to the Engineer for review. The Design-Builder shall provide technical services as required by the permitting agencies during permit acquisition. The Design-Builder shall incorporate mitigation provisions and DSD review requirements, including the certified CEQA document into the Construction Documents. The Design-Builder shall identify and estimate quantities of BMP's to comply with SWPPP requirements.

16. Owner/Governmental Approvals:

- 16.1. The Design-Builder shall obtain all City and other jurisdictional agency approvals as required to implement the design and construction of the Project. The City received an environmental document for the Project. During the Final Design process, if the Design-Builder modifies the Project such that a revision of the environmental document is required, the Design-Builder shall be responsible for all work required for implementing a revision, including preparation of revised documentation and

coordination with City staff. The Work shall not proceed on the Project until the environmental requirements are met to the satisfaction of the City. There shall be no additional time allowed in the contract for processing and approval of revised permit documents.

17. Geotechnical Investigation:

17.1. The Design-Builder shall review any available geotechnical reports and provide the necessary geotechnical investigations and testing required to design and to construct the Project in accordance with the Contract requirements.

18. Corrosion Survey Report:

18.1. If applicable, the Design-Builder shall investigate the Project Site and provide a current corrosion survey report for the water portion of the Project according to City standards and guidelines (refer to the water CIP Guidelines, Book 1, Chapter 9, Corrosion Control).

19. Potholing:

19.1. The Design-Builder shall have full responsibility for assessing, reviewing and verifying existing utility information and data. The Design-Builder shall excavate sufficient potholes to verify locations and elevations at utility crossings and existing piping to be removed or replaced in the Project. The Design-Builder shall immediately notify City of any damage caused to the pipe during potholing activities.

19.2. The Design-Builder shall provide all services related to the excavation and backfilling of potholes. Pothole excavations shall be in compliance with CAL-OSHA and City safety requirements, and any excavations left open shall be covered with steel plates.

19.3. The Design-Builder shall restore and clean-up all work sites.

19.4. All utility excavations shall be tied to the horizontal and vertical control information provided by City's survey for this Project. The Design-Builder shall provide City with a summary which shall include:

19.4.1. Utility.

19.4.2. Conduit quantity, type, and size.

19.4.3. Depth to top of conduit.

19.4.4. Horizontal coordinates (NAD 83).

19.4.5. Surface elevation (M.S.L).

19.4.6. Top elevation of conduit.

19.5. At the completion of examining each pothole, the Design-Builder shall:

19.5.1. Replace the pipe bedding which was removed. Tamp and compact to provide suitable support for the pipe.

- 19.5.2. Backfill and cover the pipe with native soil.
- 19.5.3. For those pothole excavations located in the roadway, provide a six to eight inch concrete cap over the pipe.
- 19.5.4. Repair the street disturbed by the pothole excavation with a thin, Class F asphalt wearing surface feathered into the existing asphalt street surface.
- 19.6. The Design-Builder shall provide construction staging, noise and dust control, and traffic control as required during excavation for potholing to minimize impacts on local neighborhoods.
- 19.7. The Design-Builder shall restore to their in-kind condition, as determined by City, all streets, curbs, gutters, sidewalks, private properties and other improvements damaged as a result of the Design-Builder's activities.
- 19.8. The Design-Builder shall submit potholing information to the Engineer for review.
- 19.9. The Design-Builder shall not perform any additional potholing unless authorized in writing by City.

20. Review of Contract Documents and Field Conditions:

- 20.1. The Design-Builder shall conduct field investigations, including potholing of underground facilities, take field measurements, and verify field conditions. The Design-Builder shall carefully compare such field conditions and other information known to the Design-Builder with the Contract Documents before commencing Work and/or Services. The Design-Builder is solely responsible for investigation and discovery of all field conditions notwithstanding any information provided by City in the Contract Documents or otherwise. City has made an effort to eliminate errors, omissions, and inconsistencies in the Contract Documents. The Design-Builder, however, shall bring to City's attention for clarification any errors, omissions, or inconsistencies prior to submission of the Design-Builder's Proposal. Otherwise, the Design-Builder shall take responsibility for any costs or delays associated with such error, omission, or inconsistency.

21. Local Conditions:

- 21.1. The Design-Builder shall take steps reasonably necessary to ascertain the nature and location of the Work, and investigate and satisfy itself as to the general and local conditions that are applicable to the Work, including but not limited to:
 - 21.1.1. Conditions bearing on transportation, disposal, handling, and storage of materials;
 - 21.1.2. The availability of labor, materials, water, power, and roads;
 - 21.1.3. Weather conditions;
 - 21.1.4. Physical conditions at the Project Site;
 - 21.1.5. The surface conditions of the ground; and

21.1.6. The character of equipment and facilities needed prior to and during the performance of the Work.

22. Access to the Work:

22.1. The Design-Builder shall provide the City and utility owners with access to the Project Site and provide coordination and time for utility work to be accomplished at all times.

23. Supervision:

23.1. The Design-Builder shall supervise and direct the Work in accordance with accepted standards of professional skill and attention. The Design-Builder shall be solely responsible for and have control over design and construction means, methods, techniques, sequences, and procedures. The Design-Builder shall not be relieved of obligations to perform the Work in accordance with the Contract Documents by tests, inspections, acceptances, or approvals required or performed by persons other than The Design-Builder. The Design-Builder shall employ a competent superintendent and a necessary assistant who shall be present at the Project Site at all times that Work is being performed. The superintendent shall represent the Design-Builder, and communications given to the superintendent shall be as binding as if given to the Design-Builder.

24. Authorization to Proceed:

24.1. Following each design review, the Design-Builder shall meet with the Engineer to:

24.1.1. Discuss the comments and responses, and to resolve all open issues and disagreements;

24.1.2. Confirm the next level of design development; and

24.1.3. Obtain written authorization to proceed with the next design level; and

24.1.4. Obtain written authorization to proceed with construction.

25. Design Calculations:

25.1. The Design-Builder shall include design calculations, catalog cuts, computations, telephone and facsimile records, and other similar documents supporting all elements of the Design-Builder's design with the Design-Builder's final signed and stamped calculations. The Design-Builder shall provide catalog cuts and manufacturer's data included with the final Project calculations for each approved material listed in the specifications or identified on the drawings.

26. Plan Checks - At major completion levels, Design:

26.1. The Design-Builder shall submit written estimates of plan checks required to complete the Project. In the written estimates, the Design-Builder shall:

26.1.1. Identify all authorities having jurisdiction, including but not limited to the City Planning Division, Development Services Department, the City Traffic Section of Field Engineering, and other utilities. City will prepare

plan check applications and submit the applications to the authorities having jurisdiction. Payment for plan check applications shall be made by City.

- 26.1.2. Submit hard and electronic copies of written design submittal comments from City and other utilities or agencies, annotated to indicate the Design-Builder's responses, final disposition of comments, and incorporate into the Final Design documents.

27. Shop Drawings, Material Submittals and Samples.

- 27.1. The Design-Builder, as the Engineer of Record, shall review and approve Shop Drawings, Material Submittals and Samples prior to procurement.
- 27.2. The Design-Builder shall determine and verify all of the following prior to procurement:
 - 27.2.1. Field measurements, quantities, dimensions, specified performance criteria, installation requirements, materials, catalog numbers, and similar information with respect thereto.
 - 27.2.2. Products with respect to intended use, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work.
 - 27.2.3. Information relative to the Design-Builder's sole responsibilities in respect of means, methods, techniques, sequences, and procedures of construction, and safety precautions and programs incident thereto.
- 27.3. Prior to approving Shop Drawings, Material Submittals or Samples, the Design-Builder shall review and coordinate each Shop Drawing, Material Submittals or Sample with other Shop Drawings, Material Submittals and Samples, and with the requirements of the Work and Contract Documents.
- 27.4. The Design-Builder shall carefully review Shop Drawings, Material Submittals and Samples and shall date, sign, and certify each submittal as being correct and in strict conformance with the Contract Documents. In the case of Shop Drawings, each sheet shall be so dated, signed, and certified. The Engineer will require 3 copies of approved submittals prior to procurement for QA/QC purposes and will not accept any submittals which have not been certified by the Design-Builder to be in compliance with the Contract requirements, and will return any non-certified submittals to the Design-Builder. Any delays caused by the Design-Builder's failure to so certify shall be the total responsibility of the Design-Builder.
- 27.5. With each submittal, the Design-Builder shall give the Engineer separate specific written notice of any variations between the Shop Drawing, Material Submittals or Sample submitted and the requirements of the Contract Documents. Additionally, the Design-Builder shall include a specific notation for City's acceptance of each such variation on each Shop Drawing, Material Submittals and Sample submitted.
- 27.6. City's acceptance of Shop Drawings, Material Submittals and Samples shall be for the sole purpose of determining whether the Shop Drawings, Material Submittals and Samples will, after installation or incorporation into the Work, conform to the

Contract Documents and be compatible with the design concept of the completed Project as a functioning whole.

27.6.1. City's acceptance shall not extend to means, methods, techniques, sequences, or procedures of construction, except where a particular means, method, technique, sequence, or procedure of construction is specifically and expressly called for by the Contract Documents.

27.6.2. City's review and acceptance of a separate item as such shall not indicate approval of the assembly in which the item functions.

27.6.3. City's review of Shop Drawings shall not relieve Design-Builder of the entire responsibility for the correctness of details and dimensions. The Design-Builder shall assume all responsibility and risk for any misfits and/or malfunctions due to any errors in the Design-Builder's submittals. Design-Builder shall be responsible for the dimensions and the design of adequate connections and details.

27.7. City's acceptance of Shop Drawings, Material Submittals or Samples shall not relieve the Design-Builder from responsibility for variations from the requirements of the Contract Documents, unless:

27.7.1. The Design-Builder in writing called attention to each such variation at the time of submission of the Shop Drawing, Material Submittals or Sample; and

27.7.2. City has specifically accepted in writing, either on the Shop Drawing or accompanying the Sample or Material Submittal each such variation.

27.8. The Design-Builder shall be solely responsible for any costs arising from the Design-Builder's failure to submit and/or receive City's acceptance of a Shop Drawing, Material Submittal or Sample as required by the Contract Documents or the City-accepted schedule of Shop Drawings and Sample submissions.

27.9. Shop Drawing Submittal Procedures:

27.9.1. The Design-Builder shall submit 3 copies of each approved Shop Drawing to the Engineer for QA/QC purposes.

27.9.2. The Design-Builder shall use a separate transmittal form for each specific item or class of material or equipment for which a submittal is required. The Design-Builder may use a single transmittal form for multiple items only when the items taken together constitute a manufacturer's "package" or are so functionally related that expediency indicates review of the group or package as a whole. The Design-Builder shall collate a multiple-page submittal into sets, and each set shall be stapled or bound, as appropriate, prior to transmittal to the Engineer.

27.9.3. The Design-Builder shall use a Project-standard transmittal form accepted by the Engineer. The transmittal form shall identify the Design-Builder and include the date of the submittal, the information prescribed by the form, and a unique sequential number in a format approved by the Engineer. If

applicable, the Design-Builder shall process transmittal forms to record actions regarding sample installations.

- 27.9.4.** For each submittal and using a label and/or a rubber stamp, the Design-Builder shall include the following information in the same or a substantially similar form:

Submittal No.:	
Contract No.:	Sewer Group Name:
Design Builder:	
Reviewed and Approved for Conformance with the Contract Documents by:	(Signature):
Referenced Drawing Sheet No's.:	
Referenced Specs. Section No's.:	

- 27.9.5.** The Engineer will return at least one copy of each submittal with City's written comments to the Design-Builder within 20 Working Days following receipt of the submittal by the Engineer. If the Design-Builder fails to provide a complete and acceptable first re-submittal, as determined by the Engineer, City may deduct from the Contract Price the costs of City review beyond the first re-submittal.
- 27.9.6.** Corrections indicated on submittals shall be considered as changes necessary to meet the requirements of the Contract Documents and shall not be taken as the basis for changes to the Contract requirements. City shall not be liable for any costs associated with fabrication or manufacture of an item that occurs prior to City's acceptance of the associated shop drawing submittal.
- 27.9.7.** The Design-Builder shall maintain an accurate submittal log. The log shall show the current status of submittals and the Design-Builder shall make the submittal log available for City's review upon request.
- 27.9.8.** Submittal Format for Shop Drawings:
1. For Shop Drawings presented on sheets larger than 11 by 17 inches, the Design-Builder shall include on each drawing the drawing title, number, date, and revision numbers and dates.
 2. For Shop Drawings presented on sheets 11 by 17 inches or less, the Design-Builder shall conform to the format and quantity requirements for product data, and present the Shop Drawings as a part of the bound volume for the submittals required by this Section.

3. Except for diagrams and schematic drawings, Design- Builder shall prepare dimensioned drawings to scale. The Design-Builder shall identify materials and products for work shown.
4. The Design-Builder's Shop Drawings shall be not less than 8½ by 11 inches nor more than 30 by 42 inches.
5. The Design-Builder shall submit detailed drawings and descriptions of proposed deviations from details or component arrangement indicated on the Shop Drawings.
6. The Design-Builder shall provide finished drawings for City review indicating proposed installation of Work, and materials and equipment being furnished.
7. City will not accept Shop Drawings that are either:
 - i) copies of plans; or
 - ii) materials or equipment identified solely by catalog numbers.
8. To enable City's acceptance, the Design-Builder shall ensure that the data shown on Shop Drawings is complete with respect to dimensions, design criteria, material of construction, and other detail. Incomplete submittals will be rejected.

27.9.9. Submittal Format for Product Data:

1. The Design-Builder shall present product data submittals for each specification section as a complete, bound volume, including a table of contents that lists page and catalog item numbers for product data.
2. The Design-Builder shall clearly indicate each product that is being proposed for use by inserting a stamped arrow, cloud, or other prominent notation that identifies the pertinent specification section and paragraph numbers. City will reject product data submittals that are not clearly marked.
3. If product data satisfying submittal requirements does not exist, the Design-Builder shall create and submit to City the required product data, including a notation that the product data was created specifically for the Project.
4. The Design-Builder shall furnish to City catalog data that describes in detail the products being furnished and enables the Engineer to determine that the products submitted conform to the requirements of the Contract Documents.
5. If more than one style, size, capacity, etc. of a product appears on a sheet, the Design-Builder shall clearly indicate exactly which product type is being submitted for approval. City will reject any submittal that fails to conform with this requirement
6. The Design-Builder shall ensure that the catalog data identifies the manufacturer of the product.

27.9.10. Submittal Format for Samples: The Design-Builder shall label or tag each sample, identifying the specification Section number, manufacturer's name

and address, brand name, product identification number, and intended use in the Work.

- 27.9.11.** If The Design-Builder receives the prior written approval of the Engineer, the Design-Builder may submit Shop Drawings and Samples during the design process beginning at the 60 percent design level. The Design-Builder shall request such early submittal by submitting a RFI. The Design-Builder shall conform to all other requirements and procedures regarding Shop Drawings and Samples.

28. Design Development:

- 28.1.** The Design-Builder shall design the Project in compliance with all applicable laws, City and other local, state, and federal standards, and applicable industry standards and codes, including but not limited to those specifically set forth in the Contract Documents, the Municipal Sewer Approved Materials List, City noise and air pollution emissions regulations, applicable hazardous material handling and disposal regulations, the City's policies, and all other Reference Specifications approved by City at the time of Award.
- 28.2.** The Design-Builder shall prepare and submit design packages for review and acceptance by City in accordance with City's guidelines and the Project Schedule. The Design-Builder's use of City's guidelines shall not reduce, change, mitigate, or absolve the Design-Builder's responsibility for the Project design in any way. The Design-Builder's acts of stamping and signing the drawings, specifications, calculations, or other final design documents shall mean that the Design-Builder understands, accepts, and approves all measures contained in or implied by City's guidelines.
- 28.3.** The Design-Builder shall use the Bridging Documents as the starting point for Project design. The Final Design shall be based on the concepts in these documents. The Design-Builder shall review the Bridging Documents and verify the data and recommendations (i.e., proposed alignments and conceptual plans) prior to including them in the Project design. The Design-Builder shall perform the engineering tasks necessary to refine and optimize the Project, including but not limited to reevaluation and necessary modification of questionable/pending proposed alignments contained in the Bridging Documents.
- 28.4.** The Design-Builder shall submit the Final Design documents to the Engineer. In addition to the deliverables specified in subsection 39.7 the Final Design documents shall also include but not be limited to:
- 28.4.1.** One complete set of full sized (24-inch x 36-inch) original mylar final drawing plots, each stamped and wet signed by qualified responsible engineers registered in the state of California. Applicable portions of the drawing title blocks shall also be signed by the Design-Builder.
- 28.4.2.** Two complete electronic file sets of all final drawings on CD-Rewritable (RW) recordable disks in Bentley MicroStation Version V8 SE format.
- 28.4.3.** One, 8½-inch by 11-inch, final specifications, including all charts, graphs, tables, data sheets, and similar inserts required for a complete and approved copy suitable for Xerox reproduction.

- 28.4.4.** Two complete electronic file sets of the final specifications in MS Word processing software format.
- 28.4.5.** One complete set of engineering calculations and quantity take-offs, including hydraulic, calculations, each wet stamped and signed by qualified responsible engineers registered in the state of California. All elements of the Final Design presented shall be supported by calculations. All computer programs used in development of Project calculations shall be Windows compatible. Catalog cuts and manufacturer's data shall be provided for each approved material listed in the specifications or identified on the drawings, and shall be included with the final Project calculations.
- 28.4.6.** A written list of required Shop Drawings (construction submittals) and Samples and an electronic file of the list on a recordable CD-RW in the latest version of MS Word processing software.
- 28.4.7.** Other reports and documents as may be required by City.
- 28.5.** Procedures and time allowances for City's review of the design submittal, response by the Design-Builder to City's comments, and obtaining City's authorization to proceed to the next level of design shall be as stated in this Scope and the Project Schedule.
- 28.6.** In coordination with Traffic Section of Field Engineering Division , the Design-Builder shall develop a traffic control plan and local access management plan that minimizes environmental and traffic impacts, including noise impacts, to residences, businesses, and institutions. The final traffic control plan must be approved by City's Traffic Section of Field Engineering Division. The Design-Builder shall maintain an appropriate level of access and site security at all Project facilities to avoid significant impacts to the public.
 - 28.6.1.** After the alignment of a Project is finalized, the Design-Builder shall meet with the Traffic Plan Check Supervisor to determine which sections of the roadway, if any, will require formal traffic control plans and which sections can be adequately addressed using shop drawings developed by the Design-Builder prior to construction.
 - 28.6.2.** The Design-Builder shall prepare a preliminary traffic control approach for City's review and approval prior to preparation of traffic control plans.
 - 28.6.3.** The Design-Builder shall complete and update a Traffic Control Plan Information Sheet available from the City.
 - 28.6.4.** The Design-Builder shall include Typical Cross Sections on traffic control plans identifying the construction work areas if required by Traffic Engineering.
 - 28.6.5.** The Design-Builder shall address and include in the traffic control plans and specifications coordination of traffic control among adjacent Projects during construction.
 - 28.6.6.** The Design-Builder shall obtain approval for traffic control plans.

- 28.7. The Design-Builder shall provide designs for the relocation of public or private utilities which must be constructed or relocated as a result of the Project.
- 28.8. The Design-Builder's design shall comply with the ADA and Title 24. The Design-Builder shall complete and submit an ADA Compliance Review Checklist available from the City.
- 28.9. The Design-Builder shall prepare and incorporate into the specifications, a Storm Water Pollution Plan (SWPPP) to be implemented during construction. The SWPPP shall comply with the California Regional Water Quality Control Board Statewide General Construction Storm Water permit current requirements.
- 28.10. The Design-Builder shall prepare a construction quantity takeoff at 60%, 100% and Final submittals.
- 28.11. The Design-Builder shall revise plans and specifications to incorporate comments received from the City, City-wide plan check and from the permitting agencies.

29. Design Submittals:

- 29.1. General: The Design-Builder shall ensure that all design submittals conform to the requirements described in this Section. City will reject any submittal that fails to meet the requirements described in this Scope and elsewhere in the Contract. City shall not grant a schedule adjustment for the Design-Builder's failure to meet these requirements. In each submittal the Design-Builder shall identify any variances from the Contract Documents. City may reject any design submittal for the Design-Builder's failure to identify variances, regardless of the timing of the discovery of the failure. The Design- Builder shall respond in writing to all City comments on each design submittal within 10 Working Days of the date of transmittal of the comments. The Design-Builder shall submit a completed QA/QC checklist at each design submittal.
- 29.2. 30 percent design Submittal - The 30% design submittal shall include but not be limited to:
 - 29.2.1. Designs for construction of new facilities and for refurbishment and demolition of existing facilities.
 - 29.2.2. Incorporation of the information contained in the Bridging Documents.
 - 29.2.3. Reviewed preliminary calculations and hydraulic calculations.
 - 29.2.4. Drawings that shall include at a minimum:
 - 1. Title sheet with general notes, vicinity map, key map, and legend.
 - 2. Preliminary list of construction drawings on cover sheet.
 - 3. Locations of existing public and private utilities within the Project area on plan and profile.
 - 4. Preliminary site plan including construction staging areas (if applicable)

5. Other drawings, as applicable to show information from pre-design maps.
 6. List of special conditions, if any.
 7. Drawings shall show all existing topographic and utility information and the horizontal alignment of proposed pipeline improvements with sizes.
 8. Traffic control concept plans (traffic control approach) if applicable.
 9. Specification table of contents prepared in The GREENBOOK format.
- 29.3.** 60 percent design Submittal - The 60 percent design submittal shall include but not be limited to:
- 29.3.1.** Designs for construction of new facilities and for refurbishment and demolition of existing facilities.
 - 29.3.2.** Updated and incorporated information and comments from the 30 percent design submittal.
 - 29.3.3.** Completed and reviewed calculations, hydraulic calculations, calculations for horizontal and vertical control for pipeline alignment, and backfill and bedding design.
 - 29.3.4.** Location of construction staging areas (if applicable).
 - 29.3.5.** A written list of permits required for the Project, identifying all permitting agencies and authorities having jurisdiction.
- 29.4.** Drawings that shall include at a minimum:
- 29.4.1.** Updated plan and profile sheets for the sewer and water improvements, and construction details and notes.
 - 29.4.2.** Identification of both special and standard details.
 - 29.4.3.** A complete list of construction drawings on cover sheet.
 - 29.4.4.** Definition of the construction method to be used for pipe installation.
 - 29.4.5.** A complete site plan including construction lay down areas, site grading, and erosion control, if applicable.
 - 29.4.6.** Other drawings such as paving and traffic control plans as applicable.
 - 29.4.7.** Erosion control plan, storm water pollution prevention BMP's, landscaping plan, and habitat restoration, success criteria, long term maintenance, and conformance to the Multiple Habitat Planning Area land use adjacency guidelines as applicable.

- 29.4.8. List of special conditions, if any.
- 29.4.9. Quantity take-off per plan sheet.
- 29.4.10. A complete draft of specifications in The GREENBOOK format including:
 - 1. Table of contents.
 - 2. The Design-Build Special Provisions.
 - 3. Drafts of edited applicable ROWDD guide specification sections to fit the requirements of the Project.
 - 4. Drafts of the Design-Builder-developed specification sections.
- 29.5. 100 percent design Submittal - The 100 percent design submittal shall include but not be limited to:
 - 29.5.1. Designs for construction of new facilities, and refurbishment and demolition of existing facilities.
 - 29.5.2. Updated and incorporated information and comments from the 60 percent design submittal.
 - 29.5.3. Completed, reviewed, and bound calculations and hydraulic calculations.
 - 29.5.4. Updates to geotechnical report, if any.
 - 29.5.5. Permit applications as necessary.
 - 29.5.6. Completed specifications in Green-book format.
 - 29.5.7. Quantity take-off.
 - 29.5.8. Drawings in all disciplines, including final and traffic control Plans approved by City, if any.
 - 29.5.9. A current written list of permits including environmental permits and revised MND required for the Project, identifying all permitting agencies and authorities having jurisdiction, and status and copies of permit approvals.
- 29.6. **Final Design Submittal** - The Design-Builder shall submit a pre-Final Design to the Engineer, which shall include but not be limited to:
 - 29.6.1. Updated and incorporated information and comments from the 100 percent design Submittal.
 - 29.6.2. Comments from permitting agencies, including a log of comments and responses.
 - 29.6.3. A current written list of permits including environmental permits and revised MND required for the Project, identifying all permitting agencies

and authorities having jurisdiction, and status and copies of permit approvals.

29.6.4. City will review the Pre-Final Design and return comments to the Design-Builder. The Design-Builder shall, within 20 Working Days of receipt of City's comments, submit a Final (100%) Design to the Engineer, which shall include but not be limited to:

1. Updated and incorporated comments from the Pre-Final Design Submittal.
2. Final drawings and calculations must be stamped and signed by a professional engineer. Also, the City requires the original wet-signed mylars be held in City files as legal records of the Project.

29.6.5. Final design drawings for construction of new facilities, and refurbishment and demolition of existing facilities.

29.7. Design Submittal Deliverables:

29.7.1. The Design City Engineer in the form of 6 copies of the specifications, 6 sets of half sized (11-inch x 17-inch) drawing prints, and 14 sets of full sized (24-inch x 36-inch) drawing prints.

1. Drawing format shall conform to the City of San Diego CADD Standards and City provided "T" files. The standard scales are 1"=40' for plans and 1"=4' for profiles.
2. Drawings shall show all existing topographic and utility information and the horizontal alignment of proposed pipeline improvements.

29.7.2. The Design-Builder shall deliver the pre-Final Design to the Engineer in the form of 6 copies of the specifications and 14 sets of half sized (11-inch x 17-inch) drawing prints.

29.7.3. The Design-Builder shall submit all drawings in Bentley MicroStation V8 SE format per City's CADD Standards. The Design-Builder shall attend a coordination/orientation meeting with City's E&CP CADD specialist to review and discuss City's CADD standards. The Engineer will arrange for the meeting upon The Design-Builder's request. The Design-Builder shall also submit the Electronic In-Roads ALG file. The Design-Builder shall number proposed alignment points on plan views using the automated process through In-Roads Software. The Design-Builder shall also generate the Horizontal Alignment Coordinate Index report through In-Roads and place it on the last sheet of the drawings.

29.7.4. The Design-Builder shall submit the Final Design documents to the Engineer, which shall include but not be limited to:

1. One complete set of full sized (24-inch x 36-inch) original mylar final drawing plots, each stamped and wet signed by The Design-Builder's qualified responsible engineers registered in the state of

California. Applicable portions of the drawing title blocks shall also be signed by The Design-Builder.

2. Six, 8½-inch by 11-inch copies of the final specifications, including all charts, graphs, tables, data sheets, and similar inserts required for a complete and approved copy suitable for Xerox reproduction.
3. Two complete electronic file sets of the final specifications.
4. Two complete electronic file sets of the final drawings on CD-RW.
5. Six complete and approved 8½-inch by 11-inch copies of the final construction cost estimate.
6. Two complete electronic files of the final construction quantity takeoffs and cost estimate.
7. Six complete sets of engineering calculations, including hydraulic, mechanical, electrical, and structural calculations, each wet stamped and signed by the Design-Builder's qualified responsible engineers registered in the state of California. The Design-Builder shall support all elements of the design presented by calculations the Design-Builder shall use only Windows compatible computer programs for Project calculations.
8. Other documents as required elsewhere in this Scope or required by the Engineer.
9. The Design-Builder shall use the following table as a minimum guide for preparation of the design drawings:

30% Submittal	60% Submittal	Final Submittal
TITLE BLOCK:	TITLE BLOCK:	TITLE BLOCK:
Drawing Number	Street Names & Limits	Lambert Coordinate
Title	GENERAL:	Designer's/Drafter's Name
WBS Number	Cover Sheet - Limit of Work	Number of Street
GENERAL:	PROPOSED PLAN:	GENERAL:
North Arrow	Dimensioning	Street Names (RT Margin)
Scale	Addresses	Proposed Pipe Data Table
EXISTING PLAN:	Stationing	Proposed Coordinate Table
Ownership Lines	Plugs & Dead Ends	Construction Notes
Water w/service & appurt.	Pipe Size and Length	Details
Sewer w/laterals & appurt.	SEWER	Reference Data
Gas Line, Valves & Service	Laterals	Retirement Data
Storm Drains & Inlets	Manholes	PROPOSED PLAN:
Electric Line, Boxes & Services	PROPOSED PROFILE:	Special Plan Notes Subdivision Name
Telco Line, Boxes & Services	Stationing	Subdivision Map Number
Cable TV, Boxes & Services	Pipe Size and Length	Block Numbers
Street Center Line		Street Closures
Fire services	SEWER	Caution Call-outs
Lot Lines	Manholes w/Inverts	Split-Property
R/W Lines		PROPOSED PROFILE:
Street Names		Special Profile Notes
Stationing		Traffic Control Plans
Trolley Tracks		ADDITIONAL SHEETS:
EXISTING PROFILE:		Applicable to 30%, 60%, and 100%)
Existing Water Main		Resurfacing
Horiz./Vert Scale		Alignment Sheet
Elevation Scales		BMPs, Storm Drain Inlet Protection Plan
Ex. Grade / Ex. Pavement		Misc. Details
Ex. Util Crossings W/Elevations		
Street Names		

29.8. The Design-Builder shall use MS Word format for all word processing.

29.9. The Design-Builder shall use MS Excel for all spreadsheets.

30. Community Relations and Public Outreach Program:

30.1. The Design-Builder shall provide the necessary public information and outreach program for the Project. This program shall have a Public Information Officer (PIO) who will serve as the community liaison. Refer to The WHITEBOOK, section 7-16. The PIO shall work closely with the Project Implementation Division's PIO section in the implementation of the public information and outreach program standards.

30.2. The Design-Builder shall identify, within 10 Working Days of NTP, a specific professional designated to be a full-time public information liaison for the design build team, who shall work cooperatively with, and provide assistance to, the City's team. The Design-Builder shall be available to respond to questions from the

community as needed for the duration of the Project, and shall participate in related public meetings. The Design-Builder shall prepare and provide presentation materials to explain the Project at community meetings and presentations.

- 30.3.** The Design-Builder shall prepare a complete Community Relations Plan. The Community Relations Plan shall 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 the Design-Builder.
- 30.4.** The Key stakeholders are identified as the public and the City of San Diego, San Diego Unified School district, San Diego Metro Transit System, and the Skyline-Paradise Hills, Southeastern San Diego, and Mid City: City Heights Community Planning Groups.
- 30.5.** The Community Relations Plan shall include the following scope and services but not limited to:
 - 30.5.1.** A method for conveying Project information to the public. Provide residents with update Project information and background information about the Project. Information shall be updated weekly, bi-weekly, monthly, or quarterly.
 - 30.5.2.** A method for construction notification in advance of the start of work.
 - 30.5.3.** Attendance and presentation of Project update before and during construction of Projects at community and stakeholder Meetings. Prepare presentation materials in coordination with the City.
 - 30.5.4.** Develop written list of follow-up information requested from the community.
 - 30.5.5.** Respond to telephone calls and e-mails. Standard telephone service and e-mail responses. Record calls and e-mails on electronic tracking form.
 - 30.5.6.** E-mail record of call information to The Design-Builder/Project Team. E-mail updates to stakeholders, Community Groups, City Council and other interested parties.
 - 30.5.7.** Create and maintain online Project webpage and newsletters.
 - 30.5.8.** Write, edit, update and/or produce brochures, pamphlets and news releases.
 - 30.5.9.** Attend progress meeting and provide status of community relations activities.
 - 30.5.10.** The plan shall also include a listing of businesses, schools, and major facilities along the alignment which are expected to be impacted by the construction, and proposed mitigation measures to lessen construction impacts.
 - 30.5.11.** The plan shall specifically identify the lines of communication within the Design-Builder Team, between the Design-Builder Team and the City and between the Design Builder's public information liaison and the City. The

Design-Builder shall be responsible for ensuring that the information to be provided to the public is consistent, updated and accurate.

31. Quality Assurance and Control:

31.1. The Design-Builder shall be completely and solely responsible for Project quality assurance and quality control. The minimum acceptable quality assurance and quality control plan is described in the Quality Assurance/Quality Control Plan Guidelines, attached hereto and incorporated herein as Attachment A, section 32 – Quality Assurance / Quality Control Guidelines.

31.1.1. Design QA/QC - The Design-Builder shall be completely and solely responsible for Project quality assurance and quality control [QA/QC] during design.

31.1.2. Checklists - As part of the QA/QC Plan, The Design-Builder shall use the City-provided checklists and attach the checklists to the plans and specifications.

31.1.3. Final Design - The Design-Builder shall submit QA/QC records for the final specifications and drawings to verify coordination within the engineering discipline, between engineering disciplines, between the final specifications and drawings, and to verify consistency with existing City Projects.

31.1.4. Construction QA/QC - The Design-Builder shall be completely and solely responsible for Project QA/QC during construction.

32. Quality Assurance / Quality Control Guidelines

32.1. General

32.1.1. The Design-Builder shall be completely and solely responsible for Project quality assurance and quality control, both during design and during construction. This Attachment outlines the minimum requirements for an acceptable quality assurance and quality control plan [QA/QC Plan]. The cost for the Design-Builder's QA/QC Plan and its implementation shall be included in the Design-Builder's Proposal.

32.1.2. The Design-Builder shall assign a QA/QC supervisor to ensure that all Work is performed in accordance with the Contract Documents, plans, specifications, manufacturers' instructions, Applicable Laws, and to acceptable industry standards.

32.1.3. The Engineer will monitor the Design-Builder's Work and Services and provide independent reviews as set forth in the Contract Documents. If City's review or inspection uncovers Work or Services that do not conform to the Contract Documents or Applicable laws, City may reject that Work and/or Services and The Design-Builder shall replace or correct any deficiency at no additional cost to City.

32.1.4. The concept of quality has evolved from conformance with specifications to meeting Owner requirements. The Design-Builder quality assurance and

control has advanced from checking deliverables to multiple reviews, evaluations, inspections, and tests, concurrent with the Public Works Department reviews, oversight inspections, witnessing of tests, and similar quality assurance activities. Ultimately, the Design-Builder shall provide a facility that meets the requirements described in the Contract Documents.

- 32.1.5.** The Design-Builder shall respond to any QA/QC review comments by ensuring that the Design-Builder's staff considers the comments and notes the actions to be taken. The Design-Builder shall submit copies of the responses to the Engineer to indicate that the QA/QC review is complete and that the reviewers concur with the response.
- 32.1.6.** If The Design-Builder detects any impending deviations from the Scope, Project Schedule, or Project budget, the Design-Builder shall take appropriate action to correct such deviations or to obtain written approval from the Engineer if deviations cannot be avoided.
- 32.1.7.** The Design-Builder shall implement its QA/QC Plan that was submitted to City with The Design-Builder's RFP together with any revisions required by City, all of which are incorporated herein by this reference as though fully set forth herein.

32.2. QA/QC During Design

- 32.2.1.** This Section describes the mandatory QA/QC Plan philosophies and procedures that the Design-Builder shall follow during design of the Project.
- 32.2.2.** The Design-Builder is the engineer of record. City's review of Design-Builder's approved submittals is for the sole purpose of determining whether the submittals conform to the requirements of the Contract and to the Bridging Documents.
- 32.2.3.** The Design-Builder shall include in its Proposal all costs necessary to meet this requirement.
- 32.2.4.** The following quality objectives apply to the Project design:
 - 1. The Design-Builder shall design the Project facilities to meet the scope and objectives set forth in the Bridging Documents, which describe the Project facilities in moderate detail (layout, functions, etc.), thereby establishing the design requirements. The Design-Builder shall design the Project facilities to conform to these requirements except as modified by changes approved by City during design.
 - 2. The Design-Builder shall design the Project facilities to conform to the requirements of the Contract Documents.
 - 3. The Design-Builder shall prepare the Construction Documents to the standards of best engineering practice for clarity, uniformity, accuracy, and completeness.

4. The Design-Builder shall emphasize quality in the design and construction of the Project.

32.3. QA/QC Plan:

- 32.3.1.** Responsibilities: The Design-Builder shall ensure that all members of the Design-Builder's Project team (i.e., preparer, reviewer, checker, and approver) understand their responsibility for quality design.
- 32.3.2.** Design QA/QC Plan: The Design-Builder shall ensure that the design component of its QA/QC Plan includes a specific comprehensive approach to Project QA/QC Plan activities and requires documentation of the actual QA/QC Plan effort and related activities.
- 32.3.3.** Design Review: The Design-Builder shall address all plan check comments received from the City and implement its QA/QC plan prior to re-submittals to the City for review. The Design-Builder shall submit documentation of the QA/QC efforts and related activities as discussed in item E Review and Comment Form, below.
- 32.3.4.** Implementation: The Design-Builder shall be solely responsible for quality reviews and approval of its design work, and shall ensure that all design work is thoroughly checked, reviewed, and approved by qualified, experienced, knowledgeable personnel who were not involved in the original design work. The Design-Builder shall provide the following types of QA/QC design reviews:
 1. The Design-Builder shall ensure that calculation sheets are signed and dated by the personnel preparing, checking, reviewing, and approving the calculations. The Design-Builder shall index all original calculation sheets in file folders maintained in a single location so that all original calculations for the entire Project can be readily found. At the time the Final Design is accepted by City, The Design-Builder shall submit to the Engineer a legible copy of all calculations, organized in an easy to use indexed loose-leaf binder or in clearly identified file folders.
 2. The Design-Builder shall clearly identify any revisions to the calculations. The Design-Builder shall ensure that all revised calculations are checked, signed and cross-referenced to the original calculations.
- 32.3.5.** Calculations:
 1. The Design-Builder shall ensure that calculation sheets are signed and dated by the personnel preparing, checking, reviewing, and approving the calculations. The Design-Builder shall index all original calculation sheets in file folders maintained in a single location so that all original calculations for the entire Project can be readily found. At the time the Final Design is accepted by City, The Design-Builder shall submit to the Engineer a legible copy of all calculations, organized in an easy to use indexed loose-leaf binder or in clearly identified file folders.
 2. The Design-Builder shall clearly identify any revisions to the calculations. The Design-Builder shall ensure that all revised calculations are checked, signed and cross-referenced to the original calculations.
- 32.3.6.** The Design-Builder's Interdisciplinary Progress Reviews: The Design-Builder shall ensure that interdisciplinary progress reviews are held at the 30%, 60%, 100%, Final Design phases and as specified in this RFP, and that the reviews include all completed calculations, drawings, and specifications. The level of detail expected for each discipline at each completion level is defined in this RFP. The Design-Builder shall ensure that all comments receive an agreed upon response and are recorded on The Design-Builder's Review and Comment Form (described in section 32.3.8 below). Design problems may arise from inconsistencies between

disciplines. The Design-Builder shall assign one or more qualified engineers to perform detailed interdisciplinary reviews to ensure consistency between disciplines, and between drawings and the specifications.

32.3.7. The Design-Builder's Final Review: The Design-Builder shall conduct the final QA/QC review after all 100% review comments have been incorporated and before printing of the Final Design submittal begins. The Design-Builder's final QA/QC review shall confirm that all previous review comments have been incorporated.

32.3.8. Review and Comment Form: The Design-Builder shall establish and maintain Review and Comment Forms which shall contain the following information:

1. The name of the Project;
2. City's contract number;
3. The type of review being conducted;
4. The name/title of the document being reviewed;
5. Identification of the page, paragraph, or drawing being reviewed;
6. The reviewer's comments;
7. The designer's response to the reviewer's comments;
8. The agreed upon resolution with respect to the comments and response;
9. The reviewer's signature and date of review;
10. The designer's signature and date of response; and
11. The signature of the Design-Builder's Project manager and date of review.

32.3.9. The Design-Builder shall ensure that each reviewer's comments are constructive and professional in tone, and that the forms are complete and appropriately filed.

32.4. QA/QC During Construction

32.4.1. The Design-Builder shall ensure that all Work meets the quality required by the Contract Documents and shall perform the QA/QC efforts necessary to ensure those requirements are met. City's inspection of any Work will not relieve the Design-Builder of the primary responsibility for quality assurance and quality control.

32.4.2. The Design-Builder shall take the following measures to ensure that the Work is completed in accordance with the Contract Documents:

1. Certification by the designer that the submittals, materials, equipment, and Work all conform to the accepted design.
2. Certification by the vendors and suppliers that the products supplied conform to the Contract Documents, where applicable.
3. Photos and videos of the Work certified by the designer.
4. Any other measure designed to ensure that the Work is completed in accordance with the Contract Documents.

32.4.3. Specific QA/QC requirements for the Work are set forth throughout the Contract Documents. The requirements of this Section are primarily related to performance of the Work beyond the furnishing of manufactured products the Design-Builder agrees that the term “Quality Control” as used herein includes inspection, sampling and testing, and associated requirements.

32.4.4. Factory Inspections and Tests:

1. The Design-Builder agrees that all products, materials, and equipment, shall be subject to inspections, tests, and witness tests by City at the place of manufacture or fabrication.
2. The Design-Builder agrees that City may, at its option, enter into separate contracts with consultants or others to conduct inspections, tests, and witness tests on behalf of City.
3. The Design-Builder agrees that the presence of City, its employees, agents, and/or representatives at inspections, tests, and/or witness tests shall not relieve the Design-Builder of the sole responsibility for providing products, materials, and equipment that comply with all requirements of the Contract Documents. The Design-Builder agrees that compliance is the responsibility of the Design-Builder and shall not be avoided by any act or omission on the part of City or its employees, agents, and/or representatives.
4. The Design-Builder shall provide City with 10 Working Days advance notice of any testing at the place of manufacture or fabrication. At City’s option, City, its employees, agents, and/or representatives may conduct inspections and tests at the manufacturing place any time without advance notice to the Design-Builder.

32.4.5. Sampling and Testing:

1. Unless specifically provided otherwise in the Contract Documents, the Design-Builder shall conduct all sampling and testing in accordance with the methods prescribed in the current standards of the ASTM, as applicable to the class and nature of the material, product, or equipment being considered. However, City may accept any other generally-accepted system of sampling and testing that will ensure that the quality of the material, product, or equipment

complies with the requirements of the Contract Documents. The Design-Builder shall obtain a Change Order from the Engineer prior to using any other generally-accepted system of sampling and testing.

2. Any waiver by City of any specific testing or other QA/QC Plan measures shall not be binding on City except when formalized by a fully executed Change Order, regardless of whether the waiver is accompanied by a guarantee of substantial performance as a relief from the specified testing or other QA/QC requirements as originally specified, and of whether the guarantee is accompanied by a performance bond to assure execution of any necessary corrective or remedial work.
3. The City may inspect and make independent investigations and tests of the Work. The Design-Builder agrees that if any portion of the Work fails to meet any of the requirements of the Contract Documents, City may require the Design-Builder to remove, correct, or reconstruct the Work in accordance with the Contract Documents.

32.4.6. Inspection and Testing Laboratory Service:

1. The City may require that Work located in the City right-of-way be tested by the City's testing laboratory. The Design-Builder shall coordinate with the Engineer to cause such tests to be performed.
2. Inspections, testing, and other services that are to be performed by the City, whether specified in the Contract Documents or required by the Engineer, will be performed by City's testing laboratory. The cost of these services will be paid for by City.
3. City's testing laboratory will submit reports in duplicate to the Engineer. The reports will document observations, results of tests, and compliance or non-compliance with the Contract Documents.
4. The Design-Builder shall cooperate with the Engineer and City's Testing Laboratory by furnishing samples of materials, concrete design mix, equipment, tools, and storage, and by providing other assistance as requested by City.
5. The Design-Builder shall notify the Engineer 48 hours prior to commencement of Work requiring inspection and laboratory testing services.
6. The Engineer will direct that any retesting required because of non-conformance to the Contract Documents be performed by the laboratory that performed the original test. Design- Builder shall bear all costs from any such retesting at no additional cost to City.
7. The Design-Builder shall be responsible for all tests required by the specifications or referenced codes and standards, unless specifically noted otherwise in the Contract Documents.

32.4.7. Special Inspection:

1. The Design-Builder shall provide all special inspections required by the California Building Code as currently adopted by City, including

all inspections performed off the Project Site. The Design-Builder shall pay the cost of such inspections, and shall include the cost in DB's Proposal.

32.4.8. Installation:

1. Inspection: The Design-Builder shall inspect materials and/or equipment upon their arrival at the Project Site and immediately prior to installation. The Design-Builder shall reject damaged and defective materials and/or equipment. The Design-Builder's inspection shall include:
 - i) a review of the Contract requirements;
 - ii) verification that all materials and/or equipment have been tested, submitted, and approved;
 - iii) examination of the Work area to ascertain that all preliminary Work has been completed;
 - iv) a physical examination of materials and/or equipment to ensure that they conform to the Design-Builder approved and City-accepted Shop Drawings or other submittal data;
 - v) instruction as necessary to ensure that Design-Builder's workers understand the requirements of the Contract as they pertain to the materials and/or equipment;
 - vi) an examination of the quality of workmanship; and
 - vii) a review of control testing for compliance with the Contract requirements.
2. Measurements: The Design-Builder shall verify measurements and dimensions of the Work as an integral step of starting each installation. The Design-Builder shall be solely responsible for proper fit up and connection of components.
3. Special Procedures: The Design-Builder shall provide methods and facilities to ensure conformance with requirements for special process specifications such as nondestructive testing of materials. The Design-Builder shall maintain certifications for personnel, procedures, and equipment as necessary to meet the requirements of the Contract Documents and all Applicable laws.
4. Manufacturer's Instructions: The Design-Builder shall comply with applicable manufacturer's instructions and recommendations for installation, if those instructions and recommendations are more explicit and/or more stringent than the requirements of the Contract Documents.

5. Storage and care: If not immediately installed, the Design-Builder shall store and care for all materials and/or equipment delivered to the Project Site according to the manufacturer's recommendations.

32.4.9. Manufacturer's Field Installation Services and Reports:

1. When required by the specifications, the Design-Builder shall cause material or product suppliers or manufacturers to provide qualified personnel to:
 - a) Observe and evaluate:
 - (i) Project Site conditions;
 - (ii) conditions of surfaces and installation;
 - (iii) quality of workmanship;
 - (iv) start-up of equipment; and
 - (v) testing, adjusting, and balancing of equipment.
 - b) Provide instructions when necessary.
2. The Design-Builder shall report in writing to the Engineer any observations and Project Site decisions or instructions given to the Design-Builder by a material or product supplier or manufacturer's personnel that are supplemental or contrary to the written instructions of the material or product supplier or manufacturer.
3. Within 10 Working Days of each field visit, The Design-Builder shall submit in duplicate to the Engineer for review and acceptance final reports from a material or product supplier or manufacturer's personnel. If the duration of the field visit is greater than 1 week, the Design-Builder shall submit weekly reports. Each final report shall certify that equipment or system has been satisfactorily installed and is functioning correctly.

32.4.10. Sample City QA/QC Checklists:

1. Sample City Checklists are available for review and use from the Engineer.

33. Noise Abatement and Control:

- 33.1.** The Design-Builder shall comply with San Diego Municipal Code, Noise Abatement and Control (Sections 59.5.0401, Sound Level Limits, and 59.5.0404, Construction Noise), and the County of San Diego Code of Regulatory Ordinances, Noise Abatement and Control. In the event of conflict, the most stringent requirement shall apply.
- 33.2.** Noise levels generated by construction activity shall not exceed an average of 75 decibels at the residential property line between the hours of 8:30 a.m. to 3:30 p.m.

each Working Day. The Design-Builder shall obtain a Noise Permit to conduct work activities taking place before 7:00 AM or after 7:00 PM, each Working Day, or any time on days other than Working Days.

- 33.3.** If the Design-Builder desires to conduct Work activities during times when a Noise Permit is required, the Design-Builder shall obtain prior written authorization from the Engineer not less than 48 hours in advance, and shall apply for, obtain, and pay for the Noise Permit at no additional cost to City.

34. Project Meetings:

- 34.1.** Progress Meetings – Design Phase - The Design-Builder shall schedule and hold regular progress meetings at least monthly and at other times as requested by the Engineer. Prior to a progress meeting, the Design-Builder shall submit its progress meeting format to the Engineer for review and acceptance. The Design-Builder shall also submit to the Engineer for review and acceptance:

- i) a meeting agenda prior to each meeting; and
- ii) minutes of each meeting prior to the next meeting.

The Design-Builder shall ensure that its key personnel attend the progress meetings.

- 34.2.** Progress Meetings – Construction Phase - The Design-Builder shall schedule and hold regular weekly progress meetings and at other times as requested by the Engineer. The Design-Builder shall report in writing to the Engineer the previous week's progress and the plans for the upcoming three weeks. Twenty-four hours prior to each progress meeting, Design- Builder shall provide to the Engineer a two-week window (look-ahead) schedule showing activities from the accepted Project Schedule that are to take place during this period, activities started but not yet completed, and activities which have begun out of sequence. Prior to a progress meeting, the Design-Builder shall submit its progress meeting format to the Engineer for review and acceptance. The Design-Builder shall also submit to the Engineer for review and acceptance:

- i) a meeting agenda prior to each meeting; and
- ii) minutes of each meeting prior to the next meeting.

The Design-Builder shall ensure that its key personnel attend the progress meetings. In addition, the Design-Builder may, at its discretion, request attendance by representatives of its suppliers, vendors, manufacturers, and other subcontractors.

- 34.3.** Public Meetings - During the course of the Project, a minimum of 2 of the Design-Builder's key personnel and the Engineer shall attend community meetings as part of the Design-Builder's community outreach program. Typically, these meetings are scheduled for two to four hours on weekday evenings. At a minimum, 1 meeting will be scheduled at 30 percent design review and the other just prior to construction. Actual dates and times will be determined by City.

- 34.4.** Other Meetings - From time to time during the Project, the Engineer may direct the Design-Builder to attend other meetings. These may include but are not limited to meetings with environmental or regulatory agencies, meetings with Water

Operations, meetings with utility companies, and meetings with other City divisions or departments.

35. Red-lines:

- 35.1.** The Design-Builder shall be responsible for Red-lines.
- 35.2.** Prior to final completion, The Design-Builder shall prepare and submit one complete set of full sized (24-inch x 36-inch) original mylar final As-Built Drawing CADD plots in accordance with the City's CADD Guideline. Each CADD mylar drawing sheet shall be wet stamped and signed by qualified responsible engineers registered in the State of California, and shall be stamped and wet signed by the architect/engineer of record, as required by law. Other applicable portions of the drawing title blocks shall also be signed by the Design-Builder. Drawing mylar shall be 3 mils minimum thickness.
- 35.3.** Prior to Final Completion, the Design-Builder shall also submit:
 - 35.3.1.** Five complete full-sized sets of blueprint or copies of the final As-Built's.
 - 35.3.2.** Two complete electronic file sets of the final As-Built's on CDs (typical) prepared in the V8 version of Bentley MicroStation Version SE CADD software in accordance with City's CADD Guideline.

36. Record Keeping:

- 36.1.** The Design-Builder shall maintain in a safe place at the Project Site a copy of construction documents (including field test records, correspondence, daily reports, and written interpretations and clarifications), Shop Drawings, Product Data, and Samples in good order. Field Documents, Shop Drawings, Product Data, Samples, and similar submittals are not part of the Contract Documents. The purpose of these documents is to demonstrate construction conformance to the Contract Documents, and the City shall have the right to inspect, audit, review, and copy these documents at any reasonable time.
- 36.2.** The Design-Builder shall not have the authority to approve a Sample or other submittal that is not in strict conformance with the Contract Documents or the accepted final design, unless City has accepted the substitute. No Work requiring a submittal or sample submission shall commence until the submission has been approved by the Design-Builder. A copy of each approved submittal and each approved sample shall be kept in order by the Design-Builder at the Project Site.
- 36.3.** The Design-Builder shall list and schedule submittals to be made and upon approval of each submittal transmit to City, within 5 Working Days, 2 copies of same. Failure to deliver the copies of approved submittals may result in withholding of progress payments.
- 36.4.** The Design-Builder shall not be relieved of responsibility for any deviations from the requirements of the Contract Documents by City's acceptance of Shop Drawings, Product Data, Samples, or similar submittals unless the Design-Builder has specifically informed City of such deviation at the time of the submittal and City has accepted the specific deviation in writing. The Design-Builder shall not be relieved of responsibility for errors or omissions in Shop Drawings, Product Data, Samples or

similar submittals by City’s acceptance thereof. At the time of each submission, the Design-Builder shall, in writing, specifically identify deviations that the submittals or Samples may have from the requirements of the Contract Documents.

37. Required Test/Material Certificates:

37.1. The Design-Builder shall ensure that all tests are performed in accordance with the methods prescribed in the most current applicable national standard as may be required by law and as prescribed in the Contract Documents. Materials or Work in place that fails to pass acceptability tests shall be retested, at the direction of City and at the Design-Builder’s sole expense. The Design-Builder shall submit all test certificates to City in a timely manner.

38. Traffic Control:

38.1. If a Task Order is awarded, the City will require the Design-Builder to develop a Traffic Control Plan which minimizes environmental impacts, including noise, to residences, businesses, and institutions. The City will also require the final Traffic Control Plan to incorporate input from the community as well as from City staff

39. Reference Standards:

39.1. Except as otherwise noted or specified, the Work shall be completed in accordance with the following standards:

Title	Edition	Document Number
Standard Specifications for Public Works Construction (“The GREENBOOK”)	2012	PITS070112-01
City of San Diego Standard Specifications for Public Works Construction (“The WHITEBOOK”)*	2012	PITS070112-02
City of San Diego Standard Drawings*	2012	PITS070112-03
Caltrans Standard Specifications	2010	PITS070112-04
Caltrans Standard Plans	2010	PITS070112-05
California MUTCD	2012	PITS070112-06
City Standard Drawings - Updates Approved For Use (when specified)*	Varies	Varies
Standard Federal Equal Employment Opportunity Construction Contract Specifications and the Equal Opportunity Clause Dated 09-11-84	1984	769023
NOTE: Available online under Engineering Documents and References at: http://www.sandiego.gov/engineering-cip .		

40. Bridging Documents:

40.1. The following is a list of the Bridging Documents for this project available at: ftp://ftp.sannet.gov/OUT/ECP/ROWD/5762_MACC%20Contract/

40.1.1. Addendum to Mitigated Negative Declaration No. 255100, SCH No. 20110910465

40.1.2. Sewer & Water GJ946 _Site1

1. GJ946_Site1_Location Map
2. PE Report GJ946 Site 1
3. Predesign CMP Map
4. Predesign Constraints Map
5. Predesign OCI Index Map
6. Predesign Paving Conflict Map
7. Predesign Project Coordination Map
8. PUD Referral List Map
9. Revised ADA Prelim Eng Report GJ946_Site1_Site2
10. W and S GJ946 Modeling Report_Site1
11. Water & Sewer Group 946 Site1 PDS
12. Water & Sewer Group 946 Site1 PDW
13. As-Builts

40.1.3. Sewer & Water GJ946 _Site 2

1. GJ946_Site2_Location Map
2. Predesign CMP Storm Drain Map
3. Predesign Constraint Map
4. Predesign OCI Index Map
5. Predesign Paving Conflict Map
6. Predesign Project Coordination Map
7. Water & Sewer GJ946 Site 2 PDW
8. Water & Sewer GJ946 Site 2 PDS
9. Water & Sewer GJ946 PUD Referral List Map
10. Water Model Water GJ946 Site 2
11. As-Builts

40.1.4. Water Group Job 949

1. 949 Site 1 Report
2. Access Law Compliance_949
3. Additional Scope_PUD Water Dept Scope Change
4. GJ949_60% Plans
5. GJ949 Location Map
6. Hydraulic Modeling_949
7. Predesign Constraint Map_949
8. Predesign Location Map_949
9. Pre-Design Maps_949
10. Predesign Paving Conflict Map_949
11. Predesign Project Coordination Map_949
12. Sample PRS Layout
13. WGJ949_PDW
14. As-Builts

ATTACHMENT B
PROPOSAL SUBMITTAL REQUIREMENTS, AND SELECTION CRITERIA

ATTACHMENT B

PROPOSAL SUBMITTAL REQUIREMENTS AND SELECTION CRITERIA

PUBLIC WORKS DEPARTMENT

1. Addenda to the RFP (PASS/FAIL)

- 1.1. The Design-Builder shall confirm the receipt of all addenda issued to this RFP. Failure to acknowledge all addenda issued, may result in the Proposal being considered **non-responsive** and ineligible for further consideration.
- 1.2. The Design-Builders are not required to include copies of the actual addenda in its Proposal.

2. Exceptions to the RFP (PASS/FAIL)

- 2.1 If the Design-Builder takes exception(s) to any portion of this RFP **and its attachments**, the specific portion of this RFP or attachment to which exception is taken shall be identified and explained to the City in writing a minimum of 10 Days prior to the date established for submittal of the Technical Proposal.
- 2.2 Exceptions taken after the stipulated period to this RFP may be cause for rejection of the Proposal as being **non-responsive**. The City reserves the right to waive exception(s) as it deems in the best interests of the City.

3. Subcontracting Participation Percentages (PASS/FAIL)

- 3.1 If the Design-Builder fails to meet the minimum subcontracting participation percentages, the Proposal will be considered **non-responsive** and rejected.

4. Executive Summary (10 Points Max)

- 4.1 Include a 1- to 2-page overview of the entire Proposal describing the highlights of the Proposal.

5. Project Team (15 Points Max)

- 5.1 Describe the proposed management plan for this Project. Describe the strength of key proposed construction and technical personnel, and Subcontractors assigned to the Project.

6. Technical Approach and Design Concept (35 Points Max)

- 6.1 Describe in detail the proposed design concept for this Project. Include detailed descriptions, conceptual design drawings, schematics, a list of major equipment, and any other information deemed necessary to allow the City to make an informed evaluation of the Design-Builder's technical approach. The completeness and technical merit of the design concept will be evaluated.

- 6.2 The following elements shall be included in the Technical Proposal:

- 6.2.1 Pipeline alignment, sizes and locations of appurtenances.
- 6.2.2 Traffic Control Approach - The Design-Builder shall describe its general approach to developing a traffic control and local access management plan (Traffic Control Plan).
- 6.2.3 Quality Assurance/Quality Control Plan (QA/QC Plan) - The Design-Builder shall submit a QA/QC Plan specifically developed for this Project. The Design-Builder's QA/QC Plan shall comply with the City's Quality Assurance/Quality Control Plan Guidelines (see attached Contract for Guidelines). The QA/QC Plan shall describe the tools, process, and resources the Design-Builder shall use to ensure that it provides facilities that meet the requirements of the Contract.
- 6.2.4 Paving Restoration.
- 6.2.5 Water highlining plan for each site
- 6.2.6 Phasing of design and construction work of each site separately
- 6.2.7 Curb Ramp Installation and/or Modification, if any.
- 6.2.8 Phasing and Coordination with Adjacent Projects
- 6.2.9 Storm Water Pollution Control Best Management Practices.
- 6.2.10 Subsurface Investigation and Geotechnical Work.
- 6.2.11 Proposed Design Schedule: Outline the proposed design schedule, including sequencing of each major design component (30%, 60%, 100%, Final Design) and proposed durations.

7. Construction Plan (40 Points Max)

- 7.1 Describe the proposed construction plan for this Project, including the following, at a minimum:
 - 7.1.1 Construction approach and methods
 - 7.1.2 Plan for operation of facility during construction
 - 7.1.3 Plan for phasing of construction activities
 - 7.1.4 General plan for functional testing and start-up.
 - 7.1.5 Proposed safety program
 - 7.1.6 Proposed emergency response plan
 - 7.1.7 Water highlining plan for each site
 - 7.1.8 Phasing of design and construction work of each site separately
 - 7.1.9 Proposed construction schedule
 - 7.1.10 Traffic Control Management
 - 7.1.11 Community Impact

- 7.2 Project Coordination - The Design-Builder shall identify the following:
- 7.2.1 The processes and procedures it will use to ensure that all Work is properly coordinated.
 - 7.2.2 The design and construction coordination requirements with governmental entities and agencies, utilities, Underground Service Alert, City forces, and all other persons or entities involved in infrastructure improvements or otherwise affected by Project design and construction requirements.
 - 7.2.3 The design coordination system between drawings and specifications and disciplines.
 - 7.2.4 The system for tracking questions and responses.
 - 7.2.5 The system for coordinating work among subcontractors and equipment manufacturers.
- 7.3 Critical Path Schedule - The RFP requires the Design-Builder to complete the Project within a certain number of Working Days. The Design-Builder shall include a summary level critical path method (CPM) schedule in the form of a bar chart that identifies all Project milestones set forth in this RFP, including its Attachments such as additional tasks or milestones, as well as all critical activities the Design-Builder anticipates performing and coordinating with others to complete the Project. The Design-Builder shall include with the schedule a narrative explaining detailed procedures for ensuring all Project milestones are met. Proposals that show valid means to reduce the duration of the Project may be given favorable consideration if they demonstrate realistic activity durations and no increase in Project cost.
- 7.4 Challenges/Issues - Identify what your team believes to be the largest challenges associated with this Project. Describe how your team has overcome similar challenges on a previous Project your team has participated in. Proposals shall describe the Design-Builder's understanding of the design and technical issues involved in the Project, including those related to design review, value engineering, proposals, general contracting, schedule, site mobilization, constructability, construction sequencing, quality control, code compliance, and cost containment.
- 7.5 Community Outreach and Public Relations Program - The Design-Builder shall describe its general approach to building relations between the Design-Builder and the community, including how the Design-Builder will provide effective public information and respond to public concerns. The Design-Builder shall work cooperatively with the City's team and creatively integrate the needs of the community into the design of the Project.

Total Points: 100

Proposals that do not contain the aforementioned components may be rejected as **non-responsive**. The Design-Builder's information and Proposal details provided during presentation will be part of the Proposal evaluation and failure to attend presentation will determine the proposal to be non-responsive.

ATTACHMENT C
SUPPLEMENTARY SPECIAL PROVISIONS (SSP)

SUPPLEMENTARY SPECIAL PROVISIONS

The following Supplementary Special Provisions (SSP) modifies the following documents:

- 1) Standard Specifications for Public Works Construction (The GREENBOOK) currently in effect.
 - 2) The City of San Diego Standard Specifications for Public Works Construction (The WHITEBOOK).
-

1-2 TERMS AND DEFINITIONS.

Normal Working Hours. To the City Supplements, ADD the following:

The Normal Working Hours are 8:30 AM to 3:30 PM.

Proposer – See Contractor.

2-3.2 Self Performance. DELETE in its entirety and SUBSTITUTE with the following:

1. You must perform, with your own organization, Contract work amounting to at least 50% of the: (1) base proposal alone or (2) base proposal and any additive or deductive alternate(s) that together when added or deducted form the basis of award.

2-5.3.2 Working Drawings. TABLE 2-5.3.2(A), ADD the following:

Item	Section No.	Title	Subject
17	306-1.6	Water Valve Bypass for Mainlines 16" and Larger	SDW-154*

* Note: The distance dimensions shown between the bypass pipes and between bypass pipes and the mainlines are subject to change to field conditions.

4-1.6 Trade Names or Equals. ADD the following:

You must submit your list of proposed substitutions for “an equal” (“or equal”) item(s) **no later than 5 Working Days after the determination of the Apparent Low Proposer** and on a City form when provided by the City.

7-3 LIABILITY INSURANCE. DELETE in its entirety and SUBSTITUTE with the following:

The insurance provisions herein must not be construed to limit your indemnity obligations contained in the Contract.

7-3.1

Policies and Procedures.

1. You must procure the insurance described below, at its sole cost and expense, to provide coverage against claims for loss including injuries to persons or damage to property, which may arise out of or in connection with the performance of the Work by you, your agents, representatives, officers, employees or Subcontractors.
2. Insurance coverage for property damage resulting from your operations is on a replacement cost valuation. The market value will not be accepted.
3. You must maintain this insurance for the duration of this contract and at all times thereafter when you are correcting, removing, or replacing Work in accordance with this contract. Your liabilities under the Contract, e.g., your indemnity obligations, is not deemed limited to the insurance coverage required by this contract.
4. Payment for insurance is included in the various items of Work as proposed by you, and except as specifically agreed to by the City in writing, you are not entitled to any additional payment. Do not begin any work under this contract until you have provided and the City has approved all required insurance.
5. Policies of insurance must provide that the City is entitled to 30 Days (10 Days for cancellation due to non-payment of premium) prior written notice of cancellation or non-renewal of the policy. Maintenance of specified insurance coverage is a material element of the Contract. Your failure to maintain or renew coverage or to provide evidence of renewal during the term of the Contract may be treated by the City as a material breach of the Contract.

7-3.2

Types of Insurance.

7-3.2.1

Commercial General Liability Insurance.

1. Commercial General Liability Insurance must be written on the current version of the ISO Occurrence form CG 00 01 07 98 or an equivalent form providing coverage at least as broad.
2. The policy must cover liability arising from premises and operations, XCU (explosions, underground, and collapse), independent contractors, products/completed operations, personal injury and advertising injury, bodily injury, property damage, and liability assumed under an insured’s contract (including the tort liability of another assumed in a business contract).
3. There must be no endorsement or modification limiting the scope of coverage for either “insured vs. insured” claims or contractual liability. You must maintain the same or equivalent insurance for at least 10 years following completion of the Work.
4. All costs of defense must be outside the policy limits. Policy coverage must be in liability limits of not less than the following:

<u>General Annual Aggregate Limit</u>	<u>Limits of Liability</u>
Other than Products/Completed Operations	\$2,000,000
Products/Completed Operations Aggregate Limit	\$2,000,000
Personal Injury Limit	\$1,000,000
Each Occurrence	\$1,000,000

7-3.2.2 **Commercial Automobile Liability Insurance.**

1. You must provide a policy or policies of Commercial Automobile Liability Insurance written on the current version of the ISO form CA 00 01 12 90 or later version or equivalent form providing coverage at least as broad in the amount of \$1,000,000 combined single limit per accident, covering bodily injury and property damage for owned, non-owned, and hired automobiles (“Any Auto”).
2. All costs of defense must be outside the limits of the policy.

7-3.2.3 **Contractors Pollution Liability Insurance.**

1. You must procure and maintain at your expense or require Subcontractor, as described below to procure and maintain, the Contractors Pollution Liability Insurance including contractual liability coverage to cover liability arising out of cleanup, removal, storage, or handling of hazardous or toxic chemicals, materials, substances, or any other pollutants by you or any Subcontractor in an amount not less than \$2,000,000 limit for bodily injury and property damage.
2. All costs of defense must be outside the limits of the policy. Any such insurance provided by Subcontractor instead of you must be approved separately in writing by the City.
3. For approval of a substitution of Subcontractor’s insurance, you must certify that all activities for which the Contractors Pollution Liability Insurance will provide coverage will be performed exclusively by the Subcontractor providing the insurance. The deductible must not exceed \$25,000 per claim.
4. Contractual liability must include coverage of tort liability of another party to pay for bodily injury or property damage to a third person or organization. There must be no endorsement or modification of the coverage limiting the scope of coverage for either “insured vs. insured” claims or contractual liability.
5. Occurrence based policies must be procured before the Work commences and must be maintained for the Contract Time. Claims Made policies must be procured before the Work commences, must be maintained for the Contract Time, and must include a 12 month extended Claims Discovery Period applicable to this contract or the existing policy or policies must continue to be maintained for 12 months after the completion of the Work without advancing the retroactive date.
6. Except as provided for under California law, the policy or policies must provide that the City is entitled to 30 Days prior written notice (10 Days for cancellation due to non-payment of premium) of cancellation or non-renewal of the policy or policies.

7-3.3 Rating Requirements. Except for the State Compensation Insurance Fund, all insurance required by this contract as described herein must be carried only by responsible insurance companies with a rating of, or equivalent to, at least “A-, VI” by A.M. Best Company, that are authorized by the California Insurance Commissioner to do business in the State, and that have been approved by the City.

7-3.3.1 Non-Admitted Carriers. The City will accept insurance provided by non-admitted, “surplus lines” carriers only if the carrier is authorized to do business in the State and is included on the List of Approved Surplus Lines Insurers (LASLI list).

All policies of insurance carried by non-admitted carriers must be subject to all of the requirements for policies of insurance provided by admitted carriers described herein.

7-3.4 Evidence of Insurance. Furnish to the City documents e.g., certificates of insurance and endorsements evidencing the insurance required herein, and furnish renewal documentation prior to expiration of this insurance. Each required document must be signed by the insurer or a person authorized by the insurer to bind coverage on its behalf. We reserve the right to require complete, certified copies of all insurance policies required herein.

7-3.5 Policy Endorsements.

7-3.5.1 Commercial General Liability Insurance

7-3.5.1.1 Additional Insured.

- a) You must provide at your expense policy endorsement written on the current version of the ISO Occurrence form CG 20 10 11 85 or an equivalent form providing coverage at least as broad.
- b) To the fullest extent allowed by law e.g., California Insurance Code §11580.04, the policy must be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured.
- c) The additional insured coverage for Projects for which the Engineer’s Estimate is \$1,000,000 or more must include liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) your products, (c) your work, e.g., your completed operations performed by you or on your behalf, or (d) premises owned, leased, controlled, or used by you.
- d) The additional insured coverage for Projects for which the Engineer’s Estimate is less than \$1,000,000 must include liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) your products, or (c) premises owned, leased, controlled, or used by you.

7-3.5.1.2 Primary and Non-Contributory Coverage. The policy must be endorsed to provide that the coverage with respect to operations, including the completed operations, if appropriate, of the Named Insured is primary to any insurance or self-insurance of the City and its elected officials, officers, employees, agents and representatives. Further, it must provide that any insurance maintained by the City and its elected officials, officers, employees, agents and representatives must be in excess of your insurance and must not contribute to it.

7-3.5.1.3 Project General Aggregate Limit.

The policy or policies must be endorsed to provide a Designated Construction Project General Aggregate Limit that will apply only to the Work. Only claims payments which arise from the Work must reduce the Designated Construction Project General Aggregate Limit. The Designated Construction Project General Aggregate Limit must be in addition to the aggregate limit provided for the products-completed operations hazard.

7-3.5.2 Commercial Automobile Liability Insurance.

7-3.5.2.1 Additional Insured. Unless the policy or policies of Commercial Auto Liability Insurance are written on an ISO form CA 00 01 12 90 or a later version of this form or equivalent form providing coverage at least as broad, the policy must be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured, with respect to liability arising out of automobiles owned, leased, hired or borrowed by you or on your behalf. This endorsement is limited to the obligations permitted by California Insurance Code §11580.04.

7-3.5.3 Contractors Pollution Liability Insurance Endorsements.

7-3.5.3.1 Additional Insured.

- a) The policy or policies must be endorsed to include as an Insured the City and its respective elected officials, officers, employees, agents, and representatives, with respect to liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) your products, (c) your work, e.g., your completed operations performed by you or on your behalf, or (d) premises owned, leased, controlled, or used by you; except that in connection with, collateral to, or affecting any construction contract to which the provisions of subdivision (b) of § 2782 of the California Civil Code apply, this endorsement must not provide any duty of indemnity coverage for the active negligence of the City and its respective elected officials, officers, employees, agents, and representatives in any case where an agreement to indemnify the City and its respective elected officials, officers, employees, agents, and representatives would be invalid under subdivision (b) of §2782 of the California Civil Code.
- b) In any case where a claim or loss encompasses the negligence of the Insured and the active negligence of the City and its respective elected officials, officers, employees, agents, and representatives that is not covered because of California Insurance Code §11580.04, the insurer's obligation to the City and its respective elected officials, officers, employees, agents, and representatives must be limited to obligations permitted by California Insurance Code §11580.04.

7-3.5.3.2 Primary and Non-Contributory Coverage. The policy or policies must be endorsed to provide that the insurance afforded by the Contractors Pollution Liability Insurance policy or policies is primary to any insurance or self-insurance of the City and its elected officials, officers, employees, agents and representatives with respect to operations including the completed operations of the Named Insured. Any insurance maintained by the City and its elected officials, officers, employees, agents and representatives must be in excess of your insurance and must not contribute to it.

7-3.5.3.3 Severability of Interest. For Contractors Pollution Liability Insurance, the policy or policies must provide that your insurance must apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability and must provide cross-liability coverage.

- 7-3.6 Deductibles and Self-Insured Retentions.** You must pay for all deductibles and self-insured retentions. You must disclose deductibles and self-insured retentions to the City at the time the evidence of insurance is provided.
- 7-3.7 Reservation of Rights.** The City reserves the right, from time to time, to review your insurance coverage, limits, deductibles and self-insured retentions to determine if they are acceptable to the City. The City will reimburse you, without overhead, profit, or any other markup, for the cost of additional premium for any coverage requested by the Engineer but not required by this contract.
- 7-3.8 Notice of Changes to Insurance.** You must notify the City 30 Days prior to any material change to the policies of insurance provided under this contract.
- 7-3.9 Excess Insurance.** Policies providing excess coverage must follow the form of the primary policy or policies e.g., all endorsements.
- 7-3.10 Architects and Engineers Professional Insurance (Errors and Omissions Insurance).**
1. For contracts with required engineering services (e.g., Design-Build, preparation of engineered Traffic Control Plans (TCP), etc. by the Contractor) for all of your employees or Subcontractors who provide professional engineering services under this contract, you must keep or must require its Subcontractor keep in full force and effect, Professional Liability coverage with a limit of **\$1,000,000** per claim and **\$2,000,000** annual aggregate.
 2. You must ensure both that: (a) the policy retroactive date is on or before the date of commencement of the Project; and (b) the policy will be maintained in force for a period of 3 years after completion of the Project or termination of this contract whichever occurs last. You agree that for the time period specified above, there will be no changes or endorsements to the policy that affect the specified coverage.
 3. If professional engineering services are to be provided solely by the Subcontractor, you must (a) certify this to the City in writing and (b) agree in writing to require the Subcontractor to procure Professional Liability coverage in accordance with the requirements set forth above.
- 7-4 WORKERS' COMPENSATION INSURANCE.** DELETE in its entirety and SUBSTITUTE with the following:
- 7-4.1 Workers' Compensation Insurance and Employers Liability Insurance.**
1. In accordance with the provisions of §3700 of the California Labor Code, you must provide at your expense Workers' Compensation Insurance and Employers Liability Insurance to protect you against all claims under applicable state workers compensation laws. The City, its elected officials, and employees will not be responsible for any claims in law or equity occasioned by your failure to comply with the requirements of this section.

2. Limits for this insurance must be not less than the following:

<u>Workers' Compensation</u>	<u>Statutory Employers Liability</u>
Bodily Injury by Accident	\$1,000,000 each accident
Bodily Injury by Disease	\$1,000,000 each employee
Bodily Injury by Disease	\$1,000,000 policy limit

3. By signing and returning the Contract you certify that you are aware of the provisions of §3700 of the Labor Code which require every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code and you must comply with such provisions before commencing the Work as required by §1861 of the California Labor Code.

7-4.1.1 Waiver of Subrogation.

The policy or policies must be endorsed to provide that the insurer will waive all rights of subrogation against the City, and its respective elected officials, officers, employees, agents, and representatives for losses paid under the terms of the policy or policies and which arise from work performed by the Named Insured for the City.

7-8.6 Water Pollution Control. ADD the following:

1. Based on a preliminary assessment by the City, the Contract is subject to WPCP.

7-10.2.2 ENGINEERED Traffic Control Plans Provided by the Contractor. To the City Supplements, ADD the following:

Engineered "D" size TCP are required for the following areas:

1. Home Avenue
2. Skyline Drive

7-10.5.3 Steel Plate Covers. Table 7-10.5.3(A), REVISE the plate thickness for 5'-3" trench width to read 1 3/4".

9-3.2.5 Withholding of Payment. To the City Supplement, item i), DELETE in its entirety and SUBSTITUTE with the following:

- i) Your failure to comply with 7-2.3, "PAYROLL RECORDS" and 2-16, "CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM."

ADD:

9-3.7 Compensation Adjustments for Price Index Fluctuations. This Contract is not subject to the provisions of The WHITEBOOK for Compensation Adjustments for Price Index Fluctuations for the paving asphalt.

209-6.4 Induction Cobra Head Luminaire. To the City Supplements, CORRECT certain section numbering as follows:

OLD SECTION NUMBER	TITLE	NEW SECTION NUMBER
209-6.4.7	Luminaire Identification	209-6.4.8
209-6.4.8	Photometric Documentation	209-6.4.9
209-6.4.9	Quality Assurance	209-6.4.10

300-1.4 Payment. To the City Supplements, paragraph (2), DELETE in its entirety and SUBSTITUTE with the following:

2. Payment for existing pavement removal and disposal of up to 12” thick, within the excavation e.g., trench limits, shall be included in the Proposal item for installation of the mains or the Work item that requires pavement removal.

302-3 Preparatory Repair Work. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

302-3 Preparatory Repair Work.

1. Prior to roadway resurfacing or the application of slurry, the Contractor shall complete all necessary preparation and repair work to the road segment e.g., tree trimming, weed spray, weed abatement, crack sealing, asphalt repair, hump removal, miscellaneous asphalt patching, removal of raised pavement markers, removal of pavement markings, etc. and as specified in the Special Provisions.
2. Preparatory work shall include, but not be limited to, tree trimming, weed spray, weed abatement, crack sealing, asphalt repair i.e., mill and pave, hump removal, miscellaneous asphalt patching, removal of raised pavement markers, removal of pavement markings, etc.
3. The Contractor shall repair areas of distressed asphalt concrete pavement by milling or removing damaged areas of pavement to a minimum depth of 2” for Residential streets, and a minimum depth of 3” for all others to expose firm and unyielding pavement. The Contractor shall prepare subgrade as needed and install a minimum of 2” for residential streets, and a minimum of 3” for all others, of compacted asphalt concrete pavement over compacted native material as directed by the Engineer.
4. If, in order to achieve the minimum specified depth, the base material is exposed, the material shall be compacted to 95% relative compaction to a depth 10” below the finished grade (dig out). Compaction tests shall be made to ensure compliance with the specifications. The Engineer will determine when and where the test will occur. The City will pay for the soils testing required by the Engineer, which meets the required compaction. The Contractor shall reimburse the City for the cost of retesting failing compaction tests. If additional base material is required, the Contractor shall use Class 2 Aggregate Base in accordance with 400-2.4, “Class 2 Aggregate Base.”

5. Recycled base material shall conform to Crushed Miscellaneous Base Material in accordance with 200-2.4, "Class 2 Aggregate Base."
6. Prior to replacing asphalt, the area shall be cleaned by removing all loose and damaged material, moisture, dirt, and other foreign matter and shall be tack coated in accordance with 302-5.4 "Tack Coat."
7. The Contractor shall install new asphalt within the repair area or for patches in accordance with 302-5, "ASPHALT CONCRETE PAVEMENT." Asphalt concrete shall be C2-PG 64-10 in compliance with 400-4, "ASPHALT CONCRETE."
8. No preparatory asphalt work shall be done when the atmospheric temperature is below 50 °F or during unsuitable weather.
9. Following the asphalt placement, the Contractor shall roll the entire area of new asphalt in both directions at least twice. The finished patch shall be level and smooth in compliance with 302-5.6.2 "Density and Smoothness." After placement and compaction of the asphalt patch, the Contractor shall seal all finished edges with a 4" wide continuous band of SS-1H.
10. The minimum dimension for each individual repair shall be 4' x 4' and shall be subject to the following conditions:
 - a) If the base material is exposed to achieve the required minimum removal thickness, the base material shall be prepared conforming to 301-1, "SUBGRADE PREPARATION."
 - b) When additional base material is required, then the contractor shall use Class 2 Aggregate Base in accordance with 400-2.4, "Class 2 Aggregate Base." Recycled base material shall conform to Crushed Miscellaneous Base Material in accordance with 200-2.4, "Crushed Miscellaneous Base."
 - c) The Contractor may use grinding as a method for removal of deteriorated pavement when the areas indicated for removal are large enough (a minimum of the machine drum width) and when approved by the Engineer.
 - d) For both scheduled and unscheduled base repairs, failed areas may be removed by milling or by excavation provided that the edges are cut cleanly with a saw. The areas shall be cleaned and tack coated in accordance with 302-5.4, "Tack Coat" before replacing the asphalt. The areas for scheduled repairs have been marked on the street.

302-3.1 Asphalt Patching.

1. Asphalt patching shall consist of patching potholes, gutter-line erosion, and other low spots in the pavement that are deeper than ½" per 302-5.6.2, "Density and Smoothness." These areas are generally smaller and more isolated than those areas in need of mill and pave.
2. The areas requiring patching have been identified in the Contract Documents, marked on the streets, or as directed by the Engineer. The Contractor shall identify any new areas that may require patching prior to slurry work to ensure the smoothness and quality of the finished product.

3. The Contractor shall identify and repair any areas that may require patching, prior to the placement of slurry seal for smooth finished product.
4. Asphalt overlay shall not be applied over deteriorated pavement. Preparatory asphalt work shall be completed and approved by the Engineer before proceeding with asphalt overlay.
5. The Contractor shall remove distressed asphalt pavement either by saw cutting or milling, to expose firm and unyielding pavement; prepare subgrade (as needed); and install compacted asphalt concrete pavement over compacted native material as directed by the Engineer.
6. Prior to replacing asphalt, the area shall be cleaned and tack coated per 302-5.4, "Tack Coat".
7. Following the asphalt placement, the Contractor shall roll the entire patch in both directions covering the patch at least twice.
8. After placement and compaction of the asphalt patch, the Contractor shall seal all finished edges with a 4" wide continuous band of SS-1H.
9. Base repairs shall not exceed 20% RAP in content.

302-3.2

Payment.

1. Payment for replacement of existing pavement when required shall be included in the unit proposed price for Asphalt Pavement repair for the total area replaced and no additional payment shall be made regardless of the number of replacements completed. No payment shall be made for areas of over excavation or outside trench areas in utility works unless previously approved by the Engineer. No payment for pavement replacement will be made when the damage is due to the Contractor's failure to protect existing improvements. The Contractor shall reimburse the City for the cost of retesting all failing compaction tests.
2. The areas and quantities shown on the road segments and in appendices are given only for the Contractor's aid in planning the Work and preparing Proposals. The Engineer will designate the limits to be removed and these designated areas shall be considered to take precedent over the area shown in Bridging Documents. The quantities shown in the appendices are based on a street assessment survey and may vary.
3. At the end of each day, the Contractor shall submit to the Engineer an itemized list of the asphalt pavement repair work completed. The list shall include the location of the work and the exact square footage of the repair.
4. Preparatory repair work and tack coating will be paid at the Contract unit price per ton for Asphalt Pavement Repair. No payment shall be made for areas of over excavation unless previously approved by the Engineer.
5. Milling shall be included in the Proposal item for Asphalt Pavement Repair unless separate Proposal item has been provided.
6. Payment for miscellaneous asphalt patching shall be included in the Contract unit price for slurry and no additional payment shall be made therefore.

302-5.1.1

Damaged AC Pavement Replacement. To the City Supplement, DELETE in its entirety.

302-5.1.2 Measurement and Payment. To the City Supplement, DELETE in its entirety.

306-1 OPEN TRENCH OPERATIONS. To the City Supplements, CORRECT certain section numbering as follows:

OLD SECTION NUMBER	TITLE	NEW SECTION NUMBER
306-1.8	House Connection Sewer (Laterals) and Cleanouts	306-1.9
306-1.7.1	Payment	306-1.9.1
306-1.7.2	Sewer Lateral with Private Replumbing	306-1.9.2
306-1.7.2.1	location	306-1.9.2-1
306-1.7.2.2	Permits	306-1.9.2-2
306-1.7.2.3	Submittals	306-1.9.2-3
306-1.7.2.4	Trenchless Construction	306-1.9.2-4
306-1.7.2.5	Payment	306-1.9.2-5
306-1.7.3.6	Private Pump Installation	306-1.9.2-6
306-1.7.3.7	Payment	306-1.9.2-7

306-1.6.1 Basis of Payment for Open Trench Installations. ADD the following:

Payment for imported backfill when the Contractor elects to import material from a source outside the Project limits and when authorized by the Engineer shall be included in the Proposal unit price for Imported Backfill. The price shall include the removal and disposal of unsuitable materials.

306-22 Pipe Fusion. DELETE in its entirety.

705-2.6.3 Community Health and Safety Plan. To the City Supplements, DELETE in its entirety and SUBSTITUTE with the following:

705-2.6.3 Community Health and Safety Plan. See 703-2, “Community Health and Safety Plan.”

705-2.6.1 General. Paragraph (3), CORRECT reference to Section 803 to read “Section 703.”

ADD:

707-1.1 Environmental Document. The City of San Diego Environmental Analysis Section (EAS) of the Development Services Department has prepared Mitigated Negative Declaration (MND) for Water GJ949, Water & Sewer GJ946, DEP No. 255100. You must comply with all requirements of the MND.

Compliance with the City’s environmental document is included in the various Proposal items, unless a proposal item has been provided.

END OF SUPPLEMENTARY SPECIAL PROVISIONS (SSP)

SUPPLEMENTARY SPECIAL PROVISIONS

APPENDICES

APPENDIX A

Fire Hydrant Meter Program

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SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 1 OF 10	EFFECTIVE DATE October 15, 2002
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1. **PURPOSE**

- 1.1 To establish a Departmental policy and procedure for issuance, proper usage and charges for fire hydrant meters.

2. **AUTHORITY**

- 2.1 All authorities and references shall be current versions and revisions.
- 2.2 San Diego Municipal Code (NC) Chapter VI, Article 7, Sections 67.14 and 67.15
- 2.3 Code of Federal Regulations, Safe Drinking Water Act of 1986
- 2.4 California Code of Regulations, Titles 17 and 22
- 2.5 California State Penal Code, Section 498B.0
- 2.6 State of California Water Code, Section 110, 500-6, and 520-23
- 2.7 Water Department Director

Reference

- 2.8 State of California Guidance Manual for Cross Connection Programs
- 2.9 American Water Works Association Manual M-14, Recommended Practice for Backflow Prevention
- 2.10 American Water Works Association Standards for Water Meters
- 2.11 U.S.C. Foundation for Cross Connection Control and Hydraulic Research Manual

3. **DEFINITIONS**

- 3.1 **Fire Hydrant Meter:** A portable water meter which is connected to a fire hydrant for the purpose of temporary use. (These meters are sometimes referred to as Construction Meters.)

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- 3.2 **Temporary Water Use:** Water provided to the customer for no longer than twelve (12) months.
- 3.3 **Backflow Preventor:** A Reduced Pressure Principal Assembly connected to the outlet side of a Fire Hydrant Meter.

4. **POLICY**

- 4.1 The Water Department shall collect a deposit from every customer requiring a fire hydrant meter and appurtenances prior to providing the meter and appurtenances (see Section 7.1 regarding the Fees and Deposit Schedule). The deposit is refundable upon the termination of use and return of equipment and appurtenances in good working condition.
- 4.2 Fire hydrant meters will have a 2 ½" swivel connection between the meter and fire hydrant. The meter shall not be connected to the 4" port on the hydrant. All Fire Hydrant Meters issued shall have a Reduced Pressure Principle Assembly (RP) as part of the installation. Spanner wrenches are the only tool allowed to turn on water at the fire hydrant.
- 4.3 The use of private hydrant meters on City hydrants is prohibited, with exceptions as noted below. All private fire hydrant meters are to be phased out of the City of San Diego. All customers who wish to continue to use their own fire hydrant meters must adhere to the following conditions:
 - a. Meters shall meet all City specifications and American Water Works Association (AWWA) standards.
 - b. Customers currently using private fire hydrant meters in the City of San Diego water system will be allowed to continue using the meter under the following conditions:
 - 1. The customer must submit a current certificate of accuracy and calibration results for private meters and private backflows annually to the City of San Diego, Water Department, Meter Shop.

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2. The meter must be properly identifiable with a clearly labeled serial number on the body of the fire hydrant meter. The serial number shall be plainly stamped on the register lid and the main casing. Serial numbers shall be visible from the top of the meter casing and the numbers shall be stamped on the top of the inlet casing flange.
3. All meters shall be locked to the fire hydrant by the Water Department, Meter Section (see Section 4.7).
4. All meters shall be read by the Water Department, Meter Section (see Section 4.7).
5. All meters shall be relocated by the Water Department, Meter Section (see Section 4.7).
6. These meters shall be tested on the anniversary of the original test date and proof of testing will be submitted to the Water Department, Meter Shop, on a yearly basis. If not tested, the meter will not be allowed for use in the City of San Diego.
7. All private fire hydrant meters shall have backflow devices attached when installed.
8. The customer must maintain and repair their own private meters and private backflows.
9. The customer must provide current test and calibration results to the Water Department, Meter Shop after any repairs.
10. When private meters are damaged beyond repair, these private meters will be replaced by City owned fire hydrant meters.

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11. When a private meter malfunctions, the customer will be notified and the meter will be removed by the City and returned to the customer for repairs. Testing and calibration results shall be given to the City prior to any re-installation.
 12. The register shall be hermetically sealed straight reading and shall be readable from the inlet side. Registration shall be in hundred cubic feet.
 13. The outlet shall have a 2 ½ "National Standards Tested (NST) fire hydrant male coupling.
 14. Private fire hydrant meters shall not be transferable from one contracting company to another (i.e. if a company goes out of business or is bought out by another company).
- 4.4 All fire hydrant meters and appurtenances shall be installed, relocated and removed by the City of San Diego, Water Department. All City owned fire hydrant meters and appurtenances shall be maintained by the City of San Diego, Water Department, Meter Services.
- 4.5 If any fire hydrant meter is used in violation of this Department Instruction, the violation will be reported to the Code Compliance Section for investigation and appropriate action. Any customer using a fire hydrant meter in violation of the requirements set forth above is subject to fines or penalties pursuant to the Municipal Code, Section 67.15 and Section 67.37.

4.6 Conditions and Processes for Issuance of a Fire Hydrant Meter

Process for Issuance

- a. Fire hydrant meters shall only be used for the following purposes:
 1. Temporary irrigation purposes not to exceed one year.

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2. Construction and maintenance related activities (see Tab 2).
 - b. No customer inside or outside the boundaries of the City of San Diego Water Department shall resell any portion of the water delivered through a fire hydrant by the City of San Diego Water Department.
 - c. The City of San Diego allows for the issuance of a temporary fire hydrant meter for a period not to exceed 12 months (365 days). An extension can only be granted in writing from the Water Department Director for up to 90 additional days. A written request for an extension by the consumer must be submitted at least 30 days prior to the 12 month period ending. No extension shall be granted to any customer with a delinquent account with the Water Department. No further extensions shall be granted.
 - d. Any customer requesting the issuance of a fire hydrant meter shall file an application with the Meter Section. The customer must complete a "Fire Hydrant Meter Application" (Tab 1) which includes the name of the company, the party responsible for payment, Social Security number and/or California ID, requested location of the meter (a detailed map signifying an exact location), local contact person, local phone number, a contractor's license (or a business license), description of specific water use, duration of use at the site and full name and address of the person responsible for payment.
 - e. At the time of the application the customer will pay their fees according to the schedule set forth in the Rate Book of Fees and Charges, located in the City Clerk's Office. All fees must be paid by check, money order or cashiers check, made payable to the City Treasurer. Cash will not be accepted.
 - f. No fire hydrant meters shall be furnished or relocated for any customer with a delinquent account with the Water Department.
 - g. After the fees have been paid and an account has been created, the

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meter shall be installed within 48 hours (by the second business day). For an additional fee, at overtime rates, meters can be installed within 24 hours (within one business day).

4.7 Relocation of Existing Fire Hydrant Meters

- a. The customer shall call the Fire Hydrant Meter Hotline (herein referred to as "Hotline"), a minimum of 24 hours in advance, to request the relocation of a meter. A fee will be charged to the existing account, which must be current before a work order is generated for the meter's relocation.
- b. The customer will supply in writing the address where the meter is to be relocated (map page, cross street, etc). The customer must update the original Fire Hydrant Meter Application with any changes as it applies to the new location.
- c. Fire hydrant meters shall be read on a monthly basis. While fire hydrant meters and backflow devices are in service, commodity, base fee and damage charges, if applicable, will be billed to the customer on a monthly basis. If the account becomes delinquent, the meter will be removed.

4.8 Disconnection of Fire Hydrant Meter

- a. After ten (10) months a "Notice of Discontinuation of Service" (Tab 3) will be issued to the site and the address of record to notify the customer of the date of discontinuance of service. An extension can only be granted in writing from the Water Department Director for up to 90 additional days (as stated in Section 4.6C) and a copy of the extension shall be forwarded to the Meter Shop Supervisor. If an extension has not been approved, the meter will be removed after twelve (12) months of use.
- b. Upon completion of the project the customer will notify the Meter Services office via the Hotline to request the removal of the fire hydrant meter and appurtenances. A work order will be generated

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for removal of the meter.

- c. Meter Section staff will remove the meter and backflow prevention assembly and return it to the Meter Shop. Once returned to the Meter Shop the meter and backflow will be tested for accuracy and functionality.
- d. Meter Section Staff will contact and notify Customer Services of the final read and any charges resulting from damages to the meter and backflow or its appurtenance. These charges will be added on the customer's final bill and will be sent to the address of record. Any customer who has an outstanding balance will not receive additional meters.
- e. Outstanding balances due may be deducted from deposits and any balances refunded to the customer. Any outstanding balances will be turned over to the City Treasurer for collection. Outstanding balances may also be transferred to any other existing accounts.

5. **EXCEPTIONS**

- 5.1 Any request for exceptions to this policy shall be presented, in writing, to the Customer Support Deputy Director, or his/her designee for consideration.

6. **MOBILE METER**

- 6.1 Mobile meters will be allowed on a case by case basis. All mobile meters will be protected by an approved backflow assembly and the minimum requirement will be a Reduced Pressure Principal Assembly. The two types of Mobile Meters are vehicle mounted and floating meters. Each style of meters has separate guidelines that shall be followed for the customer to retain service and are described below:
 - a) **Vehicle Mounted Meters:** Customer applies for and receives a City owned Fire Hydrant Meter from the Meter Shop. The customer mounts the meter on the vehicle and brings it to the Meter Shop for

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inspection. After installation is approved by the Meter Shop the vehicle and meter shall be brought to the Meter Shop on a monthly basis for meter reading and on a quarterly basis for testing of the backflow assembly. Meters mounted at the owner's expense shall have the one year contract expiration waived and shall have meter or backflow changed if either fails.

- b) **Floating Meters:** Floating Meters are meters that are not mounted to a vehicle. **(Note: All floating meters shall have an approved backflow assembly attached.)** The customer shall submit an application and a letter explaining the need for a floating meter to the Meter Shop. The Fire Hydrant Meter Administrator, after a thorough review of the needs of the customer, (i.e. number of jobsites per day, City contract work, lack of mounting area on work vehicle, etc.), may issue a floating meter. At the time of issue, it will be necessary for the customer to complete and sign the "Floating Fire Hydrant Meter Agreement" which states the following:

- 1) The meter will be brought to the Meter Shop at 2797 Caminito Chollas, San Diego on the third week of each month for the monthly read by Meter Shop personnel.
- 2) Every other month the meter will be read and the backflow will be tested. This date will be determined by the start date of the agreement.

If any of the conditions stated above are not met the Meter Shop has the right to cancel the contract for floating meter use and close the account associated with the meter. The Meter Shop will also exercise the right to refuse the issuance of another floating meter to the company in question.

Any Fire Hydrant Meter using reclaimed water shall not be allowed use again with any potable water supply. The customer shall incur the cost of replacing the meter and backflow device in this instance.

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7. FEE AND DEPOSIT SCHEDULES

- 7.1 **Fees and Deposit Schedules:** The fees and deposits, as listed in the Rate Book of Fees and Charges, on file with the Office of the City Clerk, are based on actual reimbursement of costs of services performed, equipment and materials. These deposits and fees will be amended, as needed, based on actual costs. Deposits, will be refunded at the end of the use of the fire hydrant meter, upon return of equipment in good working condition and all outstanding balances on account are paid. Deposits can also be used to cover outstanding balances.

All fees for equipment, installation, testing, relocation and other costs related to this program are subject to change without prior notification. The Mayor and Council will be notified of any future changes.

8. UNAUTHORIZED USE OF WATER FROM A HYDRANT

- 8.1 Use of water from any fire hydrant without a properly issued and installed fire hydrant meter is theft of City property. Customers who use water for unauthorized purposes or without a City of San Diego issued meter will be prosecuted.
- 8.2 If any unauthorized connection, disconnection or relocation of a fire hydrant meter, or other connection device is made by anyone other than authorized Water Department personnel, the person making the connection will be prosecuted for a violation of San Diego Municipal Code, Section 67.15. In the case of a second offense, the customer's fire hydrant meter shall be confiscated and/or the deposit will be forfeited.
- 8.3 Unauthorized water use shall be billed to the responsible party. Water use charges shall be based on meter readings, or estimates when meter readings are not available.
- 8.4 In case of unauthorized water use, the customer shall be billed for all applicable charges as if proper authorization for the water use had been obtained, including but not limited to bi-monthly service charges, installation charges and removal charges.

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SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 10 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

- 8.5 If damage occurs to Water Department property (i.e. fire hydrant meter, backflow, various appurtenances), the cost of repairs or replacements will be charged to the customer of record (applicant).

Water Department Director

- Tabs: 1. Fire Hydrant Meter Application
2. Construction & Maintenance Related Activities With No Return To Sewer
3. Notice of Discontinuation of Service

APPENDIX

Administering Division: Customer Support Division

Subject Index: Construction Meters
Fire Hydrant
Fire Hydrant Meter Program
Meters, Floating or Vehicle Mounted
Mobile Meter
Program, Fire Hydrant Meter

Distribution: DI Manual Holders



Application For Fire Hydrant Meter

(EXHIBIT A)

For Office Use Only

Department: METER SHOP 619 527 7449
2797 Camino Cholas • San Diego, California 92105-5097 • FAX 619 527 3125

NS Req:	Fac #:
Date:	By:

Application Date:	Requested Install Date:
-------------------	-------------------------

Fire Hydrant Location: (Attach detailed map, Thomas Bros. map location or construction drawing.)

Specific Use of Water:

Any return to Sewer or Storm Drain, if so, explain:

Estimated Duration of Meter Use: Check Box if Reclaimed Water

Company Information

Company Name:

Mailing Address:

City: State: Zip Code: Phone: ()

*Business License #: *Contractor License #:

**A copy of the Contractor's License and/or Business License is required at the time of meter issuance.*

Name and Title of Agent: Phone: ()

Site Contact Name and Title: Phone: ()

Pager #: Cell: ()

Responsible Party Name: Title:

Social Security or Cal ID #: Phone: ()

Signature: Date:

Guarantees payment of all charges resulting from the use of this meter. Insures that employees of this organization understand the proper use of Fire Hydrant Meter.

Fire Hydrant Meter Removal Request

Check Box to Request Removal of Above Meter Requested Removal Date:

Provide current Meter location if different from above:

Signature: Title: Date:

Phone: () Pager: ()

For Office Use Only

<input type="checkbox"/> City Meter	<input type="checkbox"/> Private Meter		
CIS Account #:	Deposit Amount: \$	Fees Amount: \$	
Meter Serial #:	Meter Size:	Meter Make & Style:	
Backflow #:	Backflow Size:	Meter Make & Style:	
Name:	Signature:	Date:	

\$1,108.45 - FOR 24 HR INSTALLATION
 \$1,052.26 - FOR 48 HR INSTALLATION

FHM App Created: 11/2/00-htp

"Exhibit B"

CONSTRUCTION AND MAINTENANCE RELATED ACTIVITIES WITH NO RETURN TO SEWER:

**Auto Detailing
Backfilling
Combination Cleaners (Vactors)
Compaction
Concrete Cutters
Construction Trailers
Cross Connection Testing
Dust Control
Flushing Water Mains
Hydro blasting
Hydro Seeding
Irrigation (for establishing irrigation only; not continuing irrigation)
Mixing Concrete
Mobile Car Washing
Special Events
Street Sweeping
Water Tanks
Water Trucks
Window Washing**

Note: If there is any return to sewer or storm drain, then sewer and/or storm drain fees will be charged.

"Exhibit C"

Date

Name of Responsible Party
Company Name and address
Account Number: _____

Subject: Discontinuation of Fire Hydrant Meter Service

Dear Water Department Customer:

The authorization for use of Fire Hydrant Meter # _____ located at (Meter location address) ends in 60 days and will be removed on or after (Date authorization expires). Extension requests for an additional 90 days must be submitted in writing for consideration 30 days prior to the discontinuation date. If you require an extension, please refer to the Water Departments', Department Instruction (D.I.) 55.27 for further information and procedure.

Mail your request for an extension to :

City of San Diego, Water Department
Attn: Meter Services
2797 Caminito Chollas
San Diego, Ca. 92105-5097

Should you have any questions regarding this matter, please call the Fire Hydrant "Hot Line" at: (xxx) xxx-xxx.

Sincerely,

City of San Diego Water Department



Fire Hydrant Meter Relocate/Removal Request

(EXHIBIT D)

For Office Use Only

NS Req:	FHM Fac #:
Date:	By:

Date:

Instruction: Complete pertinent information then FAX both form and map to (xxx) xxx-xxxx, mail, or hand-deliver to the City of San Diego, Water Department/Meter Shop at: 2707 Caminito Chollas San Diego, CA 92105

Meter Information

Billing Account #:	Requested Move Date:
Current Fire Hydrant Meter Location:	
New Meter Location: (Attach a detailed map, Thomas Bros map location or construction drawing.)	

Company Information

Company Name:			
Mailing Address			
City:	State:	Zip Code:	Phone: ()
Name and Title of Requestor:			Phone: ()
Site Contact Name and Title			Phone: ()
Pager #:			Cell: ()
Responsible Party Name authorizing relocation fee:			
Signature:	Title:	Date:	

Fire Hydrant Meter Removal Request

<input type="checkbox"/> Check Box to Request Removal of Above Meter	Requested Removal Date:	
Provide current Meter location if different from above:		
Signature:	Title:	Date:
Phone: ()	Pager: ()	

For Office Use Only

CIS Account #:	Fees Amount: \$		
Meter Serial #:	Size:	Make/Style	
Backflow #:	Size:	Make/Style	
Name:	Signature:	Date:	

FHM Relocate_Removal Form

FHM App Created: 11/2/00-htp

APPENDIX B

Materials Typically Accepted by Certificate of Compliance

Materials Typically Accepted by Certificate of Compliance

1. Soil amendment
2. Fiber mulch
3. PVC or PE pipe up to 16 inch diameter
4. Stabilizing emulsion
5. Lime
6. Preformed elastomeric joint seal
7. Plain and fabric reinforced elastomeric bearing pads
8. Steel reinforced elastomeric bearing pads
9. Waterstops (Special Condition)
10. Epoxy coated bar reinforcement
11. Plain and reinforcing steel
12. Structural steel
13. Structural timber and lumber
14. Treated timber and lumber
15. Lumber and timber
16. Aluminum pipe and aluminum pipe arch
17. Corrugated steel pipe and corrugated steel pipe arch
18. Structural metal plate pipe arches and pipe arches
19. Perforated steel pipe
20. Aluminum underdrain pipe
21. Aluminum or steel entrance tapers, pipe downdrains, reducers, coupling bands and slip joints
22. Metal target plates
23. Paint (traffic striping)
24. Conductors
25. Painting of electrical equipment
26. Electrical components
27. Engineering fabric
28. Portland Cement
29. PCC admixtures
30. Minor concrete, asphalt
31. Asphalt (oil)
32. Liquid asphalt emulsion
33. Epoxy

APPENDIX C
SAMPLE CITY INVOICE

City of San Diego, Field Engineering Div., 9485 Aero Drive, SD CA 92123						Contractor's Name:					
Project Name:						Contractor's Address:					
SAP No. (WBS/IO/CC)											
City Purchase Order No.						Contractor's Phone #:			Invoice No.		
Resident Engineer (RE):						Contractor's Fax #:			Invoice Date:		
RE Phone#:			RE Fax#:			Contact Name:			Billing Period:		
Item #	Item Description	Contract Authorization				Previous Estimate		This Estimate		Totals to Date	
		Unit	Qty	Price	Extension	%/QTY	Amount	% / QTY	Amount	% / QTY	Amount
1	2 Parallel 4" PVC C900	LF	1,380	\$34.00	\$46,920.00						
2	48" Primary Steel Casing	LF	500	\$1,000.00	\$500,000.00						
3	2 Parallel 12" Secondary Steel	LF	1,120	\$53.00	\$59,360.00						
4	Construction and Rehab of PS 49	LS	1	\$150,000.00	\$150,000.00						
5	Demo	LS	1	\$14,000.00	\$14,000.00						
6	Install 6' High Chain Link Fence	LS	1	\$5,600.00	\$5,600.00						
7	General Site Restoration	LS	1	\$3,700.00	\$3,700.00						
8	10" Gravity Sewer	LF	10	\$292.00	\$2,920.00						
9	4" Blow Off Valves	EA	2	\$9,800.00	\$19,600.00						
10	Bonds	LS	1	\$16,000.00	\$16,000.00						
11	Field Orders	AL	1	80,000	\$80,000.00						
11.1	Field Order 1	LS	5,500	\$1.00	\$5,500.00						
11.2	Field Order 2	LS	7,500	\$1.00	\$7,500.00						
11.3	Field Order 3	LS	10,000	\$1.00	\$10,000.00						
11.4	Field Order 4	LS	6,500	\$1.00	\$6,500.00						
12	Certified Payroll	LS	1	\$1,400.00	\$1,400.00						
CHANGE ORDERS											
Change Order 1			4,890								
Items 1-4					\$11,250.00						
Item 5-Deduct Bid Item 3		LF	120	-\$53.00	(\$6,360.00)						
Change Order 2			160,480								
Items 1-3					\$95,000.00						
Item 4 Deduct Bid Item 1		LF	380	-\$340.00	(\$12,920.00)						
Item 5-Encrease bid Item 9		LF	8	\$9,800.00	\$78,400.00						
Change Order 3 (Close Out)			-121,500								
Item 1 Deduct Bid Item 3			53	-500.00	(\$26,500.00)						
Item 2 Deduct Bid Item 4		LS	-1	45,000.00	(\$45,000.00)						
Items 3-9			1	-50,500.00	(\$50,500.00)						
SUMMARY								Total This	\$ -	Total Billed	\$0.00
A. Original Contract Amount						Retention and/or Escrow Payment Schedule					
B. Approved Change Order 1 Thru 3						Total Retention Required as of this billing					
C. Total Authorized Amount (A+B)						Previous Retention Withheld in PO or in Escrow					
D. Total Billed to Date						Add'l Amt to Withhold in PO/Transfer in Escrow:					
E. Less Total Retention (5% of D)						Amt to Release to Contractor from PO/Escrow:					
F. Less Total Previous Payments											
G. Payment Due Less Retention						Contractor Signature and Date:					
H. Remaining Authorized Amount											

APPENDIX D

HYDROSTATIC DISCHARGE FORM

APPENDIX

Hydrostatic Discharge Requirements Certification (Discharge Events < 500,000 gpd)

All discharge activities related to this project comply with the Regional Water Quality Control Board (RWQCB) Order No. 2002-0020, General Permit for Discharges of Hydrostatic Test Water and Potable Water to Surface Water and Storm Drains as referenced by (http://www.swrcb.ca.gov/rwqcb9/board_decisions/adopted_orders/2002/2002_0020.shtml), and as follows:

Discharged water has been dechlorinated to below 0.1 (mg/l) level; and effluent has been maintained between 6 and 9 (PH) based on:							<i>is discharge within acceptable limits?</i>		<i>Comment</i>
Event #	Discharge Date & Amount (GAL)	Discharge Time	Meter Readings (at source)	Test Results (Chlorine / PH)	Name of Personnel Conducting Tests (print)	*signature of personnel	yes	no	
	Date	Start:	Start:						
	Amt:	End:	End:						
	Date	Start:	Start:						
	Amt:	End:	End:						
	Date	Start:	Start:						
	Amt:	End:	End:						
	Date	Start:	Start:						
	Amt:	End:	End:						
	Date	Start:	Start:						
	Amt:	End:	End:						
	Date	Start:	Start:						
	Amt:	End:	End:						
	Date	Start:	Start:						
	Amt:	End:	End:						
	Date	Start:	Start:						
	Amt:	End:	End:						
	Date	Start:	Start:						
	Amt:	End:	End:						
	Date	Start:	Start:						
	Amt:	End:	End:						
	Date	Start:	Start:						
	Amt:	End:	End:						

**By signing, I certify that all of the statements and conditions for hydrostatic discharge events are correct.*

Project Name: _____

Work Order No.(s): _____

Have any thresholds have been exceeded? Per Order No. 2002-0020, would this be a reportable discharge and must be reported **within 24 hours** of the event? [Reportable discharge would include violation of maximum gallons per day, any upset which exceeds any effluent limit]

ATTACHMENT D
PROPOSAL FORMS

City of San Diego

CONTRACTOR'S NAME: _____
ADDRESS: _____
TELEPHONE NO.: _____ FAX NO.: _____

CITY CONTACT

Contract Specialist: Claudia Abarca
Email: CAbarca@sandiego.gov
Phone No.: 619) 533-3439, Fax No.: 619-533-3633
AB/MM/EZ



PROPOSAL DOCUMENTS

FOR

MULTIPLE AWARD CONSTRUCTION CONTRACTS (MACC) FOR WATER, WASTEWATER, AND STORMWATER PROJECTS

TASK ORDER:	Water GJ949 and Water & Sewer GJ946
TASK ORDER NO.:	01
RFQ NO.:	12MCL100
RFP NO.:	01
PROPOSAL NO.:	K-13-5845-MAC-3-C
SAP NO. (WBS/IO/CC):	B-11045, B-11042, B-12071
CLIENT DEPARTMENT:	PUD
COUNCIL DISTRICT:	3, 4
PROJECT TYPE:	KB, JA

THIS TASK IS SUBJECT TO THE FOLLOWING:

- PHASED FUNDING
- SMALL AND LOCAL BUSINESS ENTERPRISE (SLBE) PROGRAM
- MANDATORY USE OF APPRENTICES

THIS DOCUMENT SHALL BE SUBMITTED IN ITS ENTIRETY

PROPOSALS DUE:

**12:00 NOON
JANUARY 9, 2013**

Proposal Documents

The following forms must be completed in their entirety and submitted with the Proposal. Include the form(s) even if the information does not apply. Where the information does not apply write in N/A. Failure to include any of the forms may cause the Proposal to be deemed **non-responsive**. If you are uncertain or have any questions about any required information, contact the City no later than 14 Days prior to the due date of the Proposal.

1. Proposal	94
2. Non-Collusion Affidavit to be executed by Proposer and Submitted with Proposal under 23 USC 112 and PCC 7106	98
3. Contractors Certification of Pending Actions	99
4. Equal Benefits Ordinance Certification of Compliance.....	100
5. Design-Build Proposal	101
6. Price Proposal Forms (Design Build)	102
7. Form AA05 – Design-Build List of Subcontractors	104
8. Form AA15 - Design-Build List of Subcontractors	105
9. Form AA25 - Design-Build Named Equipment/Material Supplier List.....	106
10. Form AA30 - Design-Build Named Equipment/Material Supplier List.....	107

PROPOSAL

Design-Builder's General Information

To the City of San Diego:

Pursuant to the "Request for Proposal", specifications, and requirements on file with the City Clerk, and subject to all provisions of the Charter and Ordinances of the City of San Diego and applicable laws and regulations of the United States and the State of California, the undersigned hereby proposes to furnish to the City of San Diego, complete at the prices stated herein, the items or services hereinafter mentioned. The undersigned further warrants that this proposal is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the proposal is genuine and not collusive or sham; that the proposer has not directly or indirectly induced or solicited any other proposer to put in a false or sham proposal, and has not directly or indirectly colluded, conspired, connived, or agreed with any proposer or anyone else to put in a sham proposal, or that anyone shall refrain from proposing; that the proposer has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price of the proposer or any other proposer, or to fix any overhead, profit, or cost element of the proposal price, or of that of any other proposer, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the proposal are true; and, further, that the proposer has not, directly or indirectly, submitted his or her proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, proposal depository, or to any member or agent thereof to effectuate a collusive or sham proposal. The undersigned proposer (s) further warrants that proposer(s) has thoroughly examined and understands the entire Contract Documents (plans and specifications) and the Proposal Documents therefore, and that by submitting said Proposal Documents as its proposal, proposer(s) acknowledges and is bound by the entire Contract Documents, including any addenda issued thereto, as such Contract Documents incorporated by reference in the Proposal Documents.

IF A SOLE OWNER OR SOLE CONTRACTOR SIGN HERE:

- (1) Name under which business is conducted _____
- (2) Signature (Given and surname) of proprietor _____
- (3) Place of Business (Street & Number) _____
- (4) City and State _____ Zip Code _____
- (5) Telephone No. _____ Facsimile No. _____

IF A PARTNERSHIP, SIGN HERE:

- (1) Name under which business is conducted _____
- (2) Name of each member of partnership, indicate character of each partner, general or special (limited):

PROPOSAL DOCUMENTS

(3) Signature (Note: Signature must be made by a general partner)

Full Name and Character of partner

(4) Place of Business (Street & Number) _____

(5) City and State _____ Zip Code _____

(6) Telephone No. _____ Facsimile No. _____

IF A CORPORATION, SIGN HERE:

(1) Name under which business is conducted _____

(2) Signature, with official title of officer authorized to sign for the corporation:

(Signature)

(Printed Name)

(Title of Officer)

(Impress Corporate Seal Here)

(3) Incorporated under the laws of the State of _____

(4) Place of Business (Street & Number) _____

(5) City and State _____ Zip Code _____

(6) Telephone No. _____ Facsimile No. _____

THE FOLLOWING SECTIONS MUST BE FILLED IN BY ALL PROPOSERS:

In accordance with the “**Request for Proposal**”, the proposer holds a California State Contractor's license for the following classification(s) to perform the work described in these specifications:

PROPOSAL DOCUMENTS

LICENSE CLASSIFICATION _____

LICENSE NO. _____ EXPIRES _____,

This license classification must also be shown on the front of the proposal envelope. Failure to show license classification on the proposal envelope may cause return of the proposal unopened.

TAX IDENTIFICATION NUMBER (TIN): _____

E-Mail Address: _____

BIDDING DOCUMENTS

THIS PROPOSAL MUST BE NOTARIZED BELOW:

I certify, under penalty of perjury, that the representations made herein regarding my State Contractor's license number, classification and expiration date are true and correct.

Signature _____ Title _____

SUBSCRIBED AND SWORN TO BEFORE ME, THIS _____ DAY OF _____, _____.

Notary Public in and for the County of _____, State of _____

(NOTARIAL SEAL)

**NON-COLLUSION AFFIDAVIT TO BE EXECUTED BY PROPOSER
AND SUBMITTED WITH PROPOSAL UNDER 23 UNITED STATES
CODE 112 AND PUBLIC CONTRACT CODE 7106**

State of California)
)
County of _____) ss.

_____, being first duly sworn, deposes and says that he or she is _____ of the party making the foregoing proposal that the proposal is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the proposal is genuine and not collusive or sham; that the proposer has not directly or indirectly induced or solicited any other proposer to put in a false or sham proposal, and has not directly or indirectly colluded, conspired, connived, or agreed with any proposer or anyone else to put in a sham proposal, or that anyone shall refrain from proposing; that the proposer has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price of the proposer or any other proposer, or to fix any overhead, profit, or cost element of the proposal price, or of that of any other proposer, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the proposal are true; and further, that the proposer has not, directly or indirectly, submitted his or her proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, proposal depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

Signed: _____

Title: _____

Subscribed and sworn to before me this _____ day of _____, _____

Notary Public

(SEAL)

CONTRACTORS CERTIFICATION OF PENDING ACTIONS

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Design-Builder shall provide to the City a list of all instances within the past ten years where a complaint was filed or pending against the Design-Builder in a legal or administrative proceeding alleging that Design-Builder 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 Design-Builder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Design-Builder discriminated against its employees, subcontractors, vendors or suppliers.

- The undersigned certifies that within the past ten years the Design-Builder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Design-Builder 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

PROPOSAL DOCUMENTS

**EQUAL BENEFITS ORDINANCE
CERTIFICATION OF COMPLIANCE**



For additional information, contact:
CITY OF SAN DIEGO
EQUAL BENEFITS PROGRAM
 202 C Street, MS 9A, San Diego, CA 92101
 Phone (619) 533-3948 Fax (619) 533-3220

COMPANY INFORMATION

Company Name:	Contact Name:
Company Address:	Contact Phone:
	Contact Email:

CONTRACT INFORMATION

Contract Title:	Start Date:
Contract Number (if no number, state location):	End Date:

SUMMARY OF EQUAL BENEFITS ORDINANCE REQUIREMENTS

The Equal Benefits Ordinance [EBO] requires the City to enter into contracts only with contractors who certify they will provide and maintain equal benefits as defined in SDMC §22.4302 for the duration of the contract. To comply:

- Contractor shall offer equal benefits to employees with spouses and employees with domestic partners.
 - Benefits include health, dental, vision insurance; pension/401(k) plans; bereavement, family, parental leave; discounts, child care; travel/relocation expenses; employee assistance programs; credit union membership; or any other benefit.
 - Any benefit not offer an employee with a spouse, is not required to be offered to an employee with a domestic partner.
- Contractor shall post notice of firm's equal benefits policy in the workplace and notify employees at time of hire and during open enrollment periods.
- Contractor shall allow City access to records, when requested, to confirm compliance with EBO requirements.
- Contractor shall submit *EBO Certification of Compliance*, signed under penalty of perjury, prior to award of contract.

NOTE: This summary is provided for convenience. Full text of the EBO and Rules Implementing the EBO are available at www.sandiego.gov/administration.

CONTRACTOR EQUAL BENEFITS ORDINANCE CERTIFICATION

Please indicate your firm's compliance status with the EBO. The City may request supporting documentation.

- I affirm compliance with the EBO because my firm (*contractor must select one reason*):
 - Provides equal benefits to spouses and domestic partners.
 - Provides no benefits to spouses or domestic partners.
 - Has no employees.
 - Has collective bargaining agreement(s) in place prior to January 1, 2011, that has not been renewed or expired.
- I request the City's approval to pay affected employees a cash equivalent in lieu of equal benefits and verify my firm made a reasonable effort but is not able to provide equal benefits upon contract award. I agree to notify employees of the availability of a cash equivalent for benefits available to spouses but not domestic partners and to continue to make every reasonable effort to extend all available benefits to domestic partners.

It is unlawful for any contractor to knowingly submit any false information to the City regarding equal benefits or cash equivalent associated with the execution, award, amendment, or administration of any contract. [San Diego Municipal Code §22.4307(a)]

Under penalty of perjury under laws of the State of California, I certify the above information is true and correct. I further certify that my firm understands the requirements of the Equal Benefits Ordinance and will provide and maintain equal benefits for the duration of the contract or pay a cash equivalent if authorized by the City.

Name/Title of Signatory	Signature
-------------------------	-----------

FOR OFFICIAL CITY USE ONLY

Receipt Date:	EBO Analyst:	<input type="checkbox"/> Approved	<input type="checkbox"/> Not Approved – Reason:
---------------	--------------	-----------------------------------	---

rev 02/15/2011

PROPOSAL DOCUMENTS

Design-Build Proposal

1. The undersigned, The Design-Builder proposes and agrees, if this Proposal is accepted, to enter into an agreement with the City in the form included in the Contract Documents to perform the Work as specified or indicated in said Contract Documents entitled Task Order 01 (TO-01) i.e., **Water Group 949 and Water & Sewer Group 946 Project**.

2. The Design-Builder accepts all of the terms and conditions of the Contract Documents, including without limitation those in the RFP.

3. This Proposal will remain open for the period stated in the RFP unless otherwise required by law. The Design-Builder will enter into an agreement within the time and in the manner required in the RFP and will furnish the insurance certificates, Payment Bond, and Performance Bond required by the Contract Documents.

4. The Design-Builder has familiarized itself with the nature and extent of the Contract Documents, Work, site, locality where the Work is to be performed, the legal requirements (federal, state and local laws, ordinances, rules, and regulations), and the conditions affecting cost, progress or performance of the Work and has made such independent investigations as The Design-Builder deems necessary.

To all the foregoing, and including all Proposal schedule(s) and information required of the Design-Builder contained in this Proposal Form, said The Design-Builder further agrees to complete the Work and Services required under the Contract Documents within the Contract Time stipulated in said Contract Documents, and to accept in full payment therefore the Contract Price based on the Total Proposal Price(s) named in the aforementioned Proposal schedule(s).

Dated: _____

The Design-Builder: _____

By: _____
(Signature)

Title: _____

PROPOSAL DOCUMENTS

PRICE PROPOSAL FORMS

The Design-Builder agrees to the design and construction of Task Order 01 (TO-01) i.e., **Water Group 949 and Water & Sewer Group 946 Project**, for the City of San Diego, in accordance with these contract documents for the lump sum Design-Build Proposal prices listed below. The Design-Builder guarantees the lump sum Design-Build Proposal prices for a period of 120 Days (90 Days for federally funded contracts and contracts valued at \$500,000 or less) from the date Proposals are due until the award of the Task Order. The duration of the price guarantee shall be extended by the number of Days required for the City to obtain all items necessary to fulfill all conditions precedent e.g., bond and insurance.

Item No.	NAICS CODE	Description	Quantity	Unit	Unit Price	Extension
1	541330	Design Services	1	LS	 	\$
2	237110	Construction Services	1	LS	 	\$
3		City Contingency (See Section 1-2, "TERMS AND DEFINITIONS" in The WHITEBOOK for Allowances)	1	AL	 	\$900,000.00

Total Design-Build Proposal Amount (Sum of Item No. 1 & Item No. 2 Only): \$ _____

Total Design-Build Proposal Amount (Sum of Item No. 1 & Item No. 2 Only written in words):

The Design-Builder: _____

Title: _____

Signature: _____

The names of all persons interested in the foregoing proposal as principals are as follows:

PROPOSAL DOCUMENTS

IMPORTANT NOTICE: If Design-Builder or other interested person is a corporation, state secretary, treasurer, and manager thereof; if a co-partnership, state true name of firm, also names of all individual co-partners composing firm; if Design-Builder or other interested person is an individual, state first and last names in full.

NOTES:

- A. After the selection has been made, the City may award the task order for the Base Proposal alone or if applicable, for the Base Proposal plus any combination of alternates selected in the City's sole discretion.
- B. Prices and notations shall be in ink or typewritten. All corrections (which have been initiated by the Design-Builder using erasures, strike out, line out, or "white-out") shall be typed or written in with ink adjacent thereto, and shall be initialed in ink by the person signing the Proposal.
- C. Failure to initial all corrections made in the proposal documents may cause the Proposal to be rejected as **non-responsive** and ineligible for award.
- D. Blank spaces must be filled in. The Design-Builder's failure to submit a price may render the Proposal **non-responsive** and ineligible for award.
- E. Proposals shall not contain any recapitulation of the Work. Conditional Proposals may be rejected as being **non-responsive**. Alternative proposals will not be considered unless called for.

BIDDING DOCUMENTS

DESIGN-BUILD LIST OF SUBCONTRACTORS TO BE INCLUDED IN THE PRICE PROPOSAL ONLY

In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act", Division 2, Part 1, Chapter 4 of the Public Contract Code, the Design-Builder shall list below the name and address of each Subcontractor who will perform work, labor, render services or specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Design-Builder's total Proposal. The Design-Builder shall also list below the portion of the work which will be done by each Subcontractor. The Design-Builder shall list only one Subcontractor for each portion of the Work. The **DOLLAR VALUE** of the total Proposal to be performed shall be stated for all Subcontractors listed. Failure to comply with this requirement may result in the Proposal being rejected as **non-responsive** and ineligible for award. The Design-Builder's attention is directed to the Special Provisions - General; Paragraph 2-3 Subcontracts, which stipulates the percent of the Work to be performed with the Design-Builder's own forces. The Design-Builder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors that the Design-Builder are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB ^①	WHERE CERTIFIED ^②	CHECK IF JOINT VENTURE PARTNERSHIP
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						

① As appropriate, The Design-Builder shall identify Subcontractor 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, The Design-Builder shall indicate if 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 may not receive any subcontracting participation percentages if the Design Builder fails to submit the required proof of certification (except for OBE, SLBE and ELBE).

Form Title: DESIGN-BUILD LIST OF SUBCONTRACTORS TO BE INCLUDED IN THE PRICE PROPOSAL ONLY

Form Number: AA05

Attachment D

Water GJ949 and Water & Sewer GJ946 Design-Build Project

PROPOSAL DOCUMENTS

DESIGN-BUILD LIST OF SUBCONTRACTORS TO BE INCLUDED IN THE TECHNICAL (NON-PRICE) PROPOSAL ONLY

In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act", Division 2, Part 1, Chapter 4 of the Public Contract Code, the Design-Builder shall list below the name and address of each Subcontractor who will perform work, labor, render services or specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Design-Builder's total Proposal. The Design-Builder shall also list below the portion of the work which will be done by each Subcontractor under this contract. The Design-Builder shall list only one Subcontractor for each portion of the Work. The **PERCENT VALUE** of the total Proposal to be performed shall be stated for all Subcontractors listed. Failure to comply with this requirement may result in the Proposal being rejected as **non-responsive** and ineligible for award. The Design-Builder's attention is directed to the Special Provisions - General; Paragraph 2-3 Subcontracts, which stipulates the percent of the Work to be performed with the Design-Builder's own forces. The Design-Builder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors that The Design-Builder are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	TYPE OF WORK	PERCENT VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB ^①	WHERE CERTIFIED ^②	CHECK IF JOINT VENTURE PARTNERSHIP
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						

① As appropriate, The Design-Builder shall identify Subcontractor 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, The Design-Builder shall indicate if 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 may not receive any subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification (except for OBE, SLBE and ELBE).

Form Title: DESIGN-BUILD LIST OF SUBCONTRACTORS TO BE INCLUDED IN THE TECHNICAL (NON-PRICE) PROPOSAL ONLY

Form Number: AA15

Attachment D

Water GJ949 and Water & Sewer GJ946 Design-Build Project

PROPOSAL DOCUMENTS

DESIGN-BUILD NAMED EQUIPMENT/MATERIAL SUPPLIER LIST TO BE INCLUDED IN THE PRICE PROPOSAL ONLY

The Design-Builder seeking the recognition of equipment, materials, or supplies obtained from Suppliers towards achieving any mandatory, voluntary, or both subcontracting participation percentages shall submit with the Proposal the Named Equipment/Material Supplier List. The Named Equipment/Material Supplier List, at a minimum, shall have the name, locations (City) and the **DOLLAR VALUE** of the Suppliers. The Design-Builder will be credited up to 60% of the amount to be paid to the Suppliers for such materials/supplies unless vendor manufactures or substantially alters materials/supplies in which case 100% will be credited. The Design-Builder shall indicate (Yes/No) whether listed firm is a supplier or manufacturer. In calculating the subcontractor participation percentages, vendors/suppliers will receive 60% credit of the listed **DOLLAR VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed **DOLLAR VALUE** for purposes of calculating the subcontractor participation percentages, Suppliers will receive 60% credit of the listed **DOLLAR VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed **DOLLAR VALUE** for purposes of calculating the subcontractor participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF VENDOR/SUPPLIER	MATERIALS OR SUPPLIES	DOLLAR VALUE OF MATERIAL OR SUPPLIES	SUPPLIER (Yes/No)	MANUFACTURER (Yes/No)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB①	WHERE CERTIFIED②
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						

① As appropriate, The Design-Builder shall identify Vendor/Supplier 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, The Design-Builder shall indicate if Vendor/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 may not receive any subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification (except for OBE, SLBE and ELBE)

Form Title: DESIGN-BUILD NAMED EQUIPMENT/MATERIAL SUPPLIER LIST TO BE INCLUDED IN THE PRICE PROPOSAL ONLY

Form Number: AA25

Attachment D

Water GJ949 and Water & Sewer GJ946 Design-Build Project

PROPOSAL DOCUMENTS

DESIGN-BUILD NAMED EQUIPMENT/MATERIAL SUPPLIER LIST TO BE INCLUDED IN THE TECHNICAL (NON-PRICE) PROPOSAL ONLY

The Design-Builder seeking the recognition of equipment, materials, or supplies obtained from Suppliers towards achieving any mandatory, voluntary, or both subcontracting participation percentages shall submit with the Proposal the Named Equipment/Material Supplier List. The Named Equipment/Material Supplier List, at a minimum, should have the name, locations (City) and the **PERCENT VALUE** of the Suppliers. The Design-Builder will be credited up to 60% of the amount to be paid to the Suppliers for such materials/supplies unless vendor manufactures or substantially alters materials/supplies in which case 100% will be credited. The Design-Builder shall indicate (Yes/No) whether listed firm is a supplier or manufacturer. In calculating the subcontractor participation percentages, vendors/suppliers will receive 60% credit of the listed **PERCENT VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed **PERCENT VALUE** for purposes of calculating the subcontractor participation percentages, Suppliers will receive 60% credit of the listed **PERCENT VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed **PERCENT VALUE** for purposes of calculating the subcontractor participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF VENDOR/SUPPLIER	MATERIALS OR SUPPLIES	PERCENT VALUE OF MATERIAL OR SUPPLIES	SUPPLIER (Yes/No)	MANUFACTURER (Yes/No)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB ^①	WHERE CERTIFIED ^②
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						

① As appropriate, The Design-Builder shall identify Vendor/Supplier 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, The Design-Builder shall indicate if Vendor/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 may not receive any subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification (except for OBE, SLBE and ELBE).

Form Title: DESIGN-BUILD NAMED EQUIPMENT/MATERIAL SUPPLIER LIST TO BE INCLUDED IN THE TECHNICAL (NON-PRICE) PROPOSAL ONLY

Form Number: AA30

Attachment D

Water GJ949 and Water & Sewer GJ946 Design-Build Project

City of San Diego

CITY CONTACT: Claudia Abarca - Contract Specialist, Email: CAbarca@saniego.gov,
Phone No. (619) 533-3439, Fax No. (619) 533-3633

ADDENDUM "1"

REQUEST FOR PROPOSAL (RFP)

FOR



MULTIPLE AWARD CONSTRUCTION CONTRACTS (MACC) FOR WATER, WASTEWATER, AND STORMWATER PROJECTS

TASK ORDER:	Water GJ949 and Water & Sewer GJ946
TASK ORDER NO.:	01
RFQ NO.:	12MCL100
RFP NO.:	01
PROPOSAL NO.:	K-13-5845-MAC-3-C
SAP NO. (WBS/IO/CC):	B-11045, B-11042, B-12071
CLIENT DEPARTMENT:	PUD
COUNCIL DISTRICT:	3, 4
PROJECT TYPE:	KB, JA

PROPOSAL DUE:

**12:00 NOON
JANUARY 16, 2013
CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT
1010 SECOND AVENUE, SUITE 1400, MS 614C
SAN DIEGO, CA 92101**

A. CHANGES TO CONTRACT DOCUMENTS

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

THE SUBMITTAL DATE FOR THIS PROJECT HAS BEEN **EXTENDED AS STATED ABOVE.**

B. QUESTIONS AND ANSWERS

Q1. Could you clarify a couple of items regarding the EOC goals?

Section 6.2 Mandatory minimum subcontractor participation percentages

The total percentage for Design Services is 7.5%. Per Section 6.4 "Percentages are based on the Project value used to determine the apparent winner". In a typical design build project, the total percentage of the project value for the entire engineering scope of services is on the order of 6% to 10%. Consequently, is it correct to assume that the 7.5% goal for Design Services is based on the fee for design rather than for the full scope including construction?

A1. Yes.

Q2. Are subcontractors who are contracted to our Lead Design Firm considered 1st Tier Subcontractors? For professional liability concerns and to facilitate the process, supporting design services are customarily contracted by the Lead Designer.

A2. No.

Q3. Section 6.4: See question 1 regarding basis of mandatory minimum subcontractor participation.

A3. See answer to A1.

Q4. Please confirm that work performed by the forces of the prequalified team members is considered self-performed work (Special Provisions, Section 2-3.2, page 58).

A4. The Work performed by the Design-Builder with whom the City directly executes a contract is considered self-performed work.

- Q5. The Scope of Work specifies “AC overlay for all effected streets”(Section 1.1, Section 2.7.10). Is the City requesting 1.5” AC overlay from curb-to-curb on effected streets? If so, will the City require True Pave-type paving fabric? Please clarify as this has a significant cost implication.
- A5. Per the City’s preliminary assessment the City Estimates that 30% of the area to be AC Overlaid will require pavement fabric. The Engineer of Record will be required to assess the condition of the streets and provide recommendation on the locations of the proposed pavement fabric to the City for approval prior to final street overlay.
- Q6. Group Job 946-site 2: What is the extent of pipe replacement along Ash St and 38th street? Do we replace both 12-inch and 4/6-inch lines?
- A6. See subsection 40.1.3, number 7, “Water & Sewer GJ946 Site 2 PDW,” on City FTP site. No.
- Q7. Group Job 946-site 2: Location map shows water line extending towards the freeway I-94 off Federal Blvd. Clarify the scope- what size line, where is it going and what is it connecting to?
- A7. See subsection 40.1.3, number 7, “Water & Sewer GJ946 Site 2 PDW,” on City FTP site.
- Q8. Group Job 949: There are three PRS on skyline Dr. Which PRS needs to be replaced or all three? What is the scope of replacement? Why do the stations need to be replaced?
- A8. See subsection 40.1.4, number 13, “WGJ949_PDW,” on City FTP site for the location of PRS to be replaced. The entire PRS shall be replaced. The client department has requested the PRS to be replaced to meet current standards.

C. CHANGES TO THE REQUEST FOR PROPOSALS

1. To RFP, Section 5.0, “Selection and Award Schedule”, page 4, **DELETE** in its entirety and **SUBSTITUTE** with the following:

5.0 SELECTION AND AWARD SCHEDULE

- 5.1** The City anticipates that the process for awarding the TO will be according to the following tentative schedule:

5.1.1	Pre-Proposal Meeting	December 20, 2012
5.1.2	Proposal Due Date	January 16, 2013
5.1.3	Presentations	January 21, 2013
5.1.4	Selection and Notification	January 30, 2013
5.1.5	Limited Notice to Proceed	March 2013

2. To the RFP, Section 6.0, “Equal Opportunity Contracting,” **DELETE** in their entirety and **SUBSTITUTE** with the following:

6.0 EQUAL OPPORTUNITY CONTRACTING

6.1 All Equal Opportunity Contracting (EOC) information provided by the Design-Builder and requirements set forth in the RFQ shall apply to the RFP process. The Design-Builder shall review the information, data, and documentation provided in the Design-Builder’s SOQ and changes shall be clearly identified in the Proposal; otherwise the information, as previously submitted, will be deemed complete and accurate.

6.2 The **mandatory** minimum subcontractor participation percentages for this RFP are as follows: The **mandatory** minimum subcontractor participation percentages for this RFP are as follows:

SERVICES	SLBE	ELBE	DVBE	Subcontracting Requirement*
Design Services	3.30%	3.60%	0.60%	7.50%
Construction Services	8.20%	14.10%	0.60%	22.90%

Notes:

1. Subcontracting Requirement is the percentage of the individual contract elements i.e., Design Services or Construction Services.

6.3 The Design-Builder shall submit subcontractor participation percentages that are not less than the specified subcontracting requirements.

6.4 The required subcontracting percentages apply to 1st tier Subcontractors only.

6.5 For the purpose of achieving the proposed subcontractor participation percentage, Allowance Proposal Items will not be included in the calculation. The Design-Builder may not substitute DVBE for SLBE/ELBE or SLBE/ELBE for DVBE. Subcontracting percentages for design and construction may not be substituted for one another.

6.6 The Proposal shall be deemed non-responsive if the Subcontractor and Supplier listings submitted and enclosed with the Price Proposal fail to meet the above minimum required subcontracting participation levels.

- 6.7** The Design-Builders' Proposals will be further evaluated for their commitment to the City's principles of equal opportunity as specified in this RFP. See Attachment B, "Proposal Submittal Requirements and Selection Criteria" for more information.
- 6.8** To The WHITEBOOK, Chapter 10, Sections D and E, DELETE in their entirety and SUBSTITUTE with the following:

D. CITY'S EQUAL OPPORTUNITY COMMITMENT.

1. Nondiscrimination in Contracting Ordinance.

1. The Contractor, Subcontractors and Suppliers shall comply with requirements of the City's Nondiscrimination in Contracting Ordinance, San Diego Municipal Code §§22.3501 through 22.3517.

The Contractor shall not discriminate on the basis of race, gender, religion, national origin, ethnicity, sexual orientation, age, or disability in the solicitation, selection, hiring, or treatment of subcontractors, vendors, or suppliers. The Contractor shall provide equal opportunity for subcontractors to participate in subcontracting opportunities. The Contractor understands and agrees that violation of this clause shall be considered a material breach of the contract and may result in contract termination, debarment, or other sanctions.

The Contractor shall include the foregoing clause in all contracts between the Contractor and Subcontractors and Suppliers.

2. Disclosure of Discrimination Complaints. As part of its Bid or Proposal, 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 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.

3. Upon the City's request, the Contractor agrees to provide to the City, within 60 days, a truthful and complete list of the names of all Subcontractors and Suppliers that the Contractor 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 Contractor for each subcontract or supply contract.
4. The Contractor further agrees to fully cooperate in any investigation conducted by the City pursuant to the City's Nondiscrimination in Contracting Ordinance, Municipal Code §§22.3501 through 22.3517. The Contractor 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 Contractor up to and including contract termination, debarment and other sanctions for violation of the provisions of the Nondiscrimination in Contracting Ordinance. The Contractor further understands and agrees that the procedures, remedies and sanctions provided for in the Nondiscrimination in Contracting Ordinance apply only to violations of the Ordinance.

E. EQUAL EMPLOYMENT OPPORTUNITY OUTREACH PROGRAM.

1. The Contractor, Subcontractors and Suppliers shall comply with the City's Equal Employment Opportunity Outreach Program, San Diego Municipal Code §§22.2701 through 22.2707.

The Contractor shall not discriminate against any employee or applicant for employment on any basis prohibited by law. Contractor shall provide equal opportunity in all employment practices. Prime Contractor shall ensure their subcontractors comply with this program. Nothing in this section shall be interpreted to hold a prime contractor liable for any discriminatory practice of its subcontractors.

The Contractor shall include the foregoing clause in all contracts between the Contractor and Subcontractors and Suppliers.

2. If the Contract is competitively solicited, the selected Bidder shall submit a Work Force Report (Form BB05), within 10 Working Days after receipt by the Bidder of Contract forms to the City for approval as specified in the Notice of Intent to Award letter from the City.
3. If a Work Force Report is submitted, and the City determines there are under-representations when compared to County Labor Force Availability data, the selected Bidder shall submit an Equal Employment Opportunity Plan.
4. If the selected Bidder submits an Equal Employment Opportunity Plan, it shall include the following assurances:
 1. The Contractor shall maintain a working environment free of discrimination, harassment, intimidation and coercion at all sites and in all facilities at which the Contractor's employees are assigned to work.
 2. The Contractor reviews its EEO Policy, at least annually, with all on-site supervisors involved in employment decisions.
 3. The Contractor 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. The Contractor reviews, at least annually, all supervisors' adherence to and performance under the EEO Policy and maintains written documentation of these reviews.
 5. The Contractor 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. The Contractor documents and maintains a record of all bid solicitations and outreach efforts to and from subcontractors, contractor associations and other business associations.
7. The Contractor 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. The Contractor disseminates its EEO Policy to union and community organizations.
9. The Contractor provides immediate written notification to the City when any union referral process has impeded the Contractor's efforts to maintain its EEO Policy.
10. The Contractor 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. The Contractor 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. The Contractor encourages all present employees, including people of color and women employees, to recruit others.
13. The Contractor maintains all employment selection process information with records of all tests and other selection criteria.

14. The Contractor develops and maintains documentation for on-the-job training opportunities, participates in training programs, or both for all of its employees, including people of color and women, and establishes apprenticeship, trainee, and upgrade programs relevant to the Contractor's employment needs.
 15. The Contractor 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. The Contractor 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.
3. To the RFP, Section 8.0, "Examination of Plans, Specifications, and Site of Work," subsection 8.1, **DELETE** in its entirety and **SUBSTITUTE** with the following:
 - 8.1 Contract Documents may be obtained by contacting the Contract Specialist listed on the cover of the Request for Proposal.
 4. To Attachment A, "Project Description, Scope of Work, and Technical Specifications (Bridging Documents)," Section 1, "Project Description," Subsection 1.1, page 18, **DELETE** in its entirety and **SUBSTITUTE** with the following:
 - 1.1 Design and construction of Water GJ 949 and Water & Sewer GJ 946 (i.e., Site 1 and Site 2). This Project consists of the installation of 8", 12" and 16" water mains and the installation of 8" and 15" sewer mains, including water services, fire services, valves, fire hydrants, sewer laterals, sewer replumb laterals and agreements, markers, manholes, laterals, trench resurfacing, water high-lining, cut and plugs and cut ins, AC overlay for all effected streets, pressure reducing station, Caltrans encroachment permit acquisition and coordination, pipe replacement within Caltrans Jurisdiction within a bridge cell, pavement resurfacing, curb ramps, traffic control, archeology and paleontology mitigations, and all other work and appurtenances in accordance with the Plans and Specifications. The AC overlay for each phase of the project shall occur at the completion of construction for that phase and not at the end of construction of all phases.

5. To Attachment A, “Project Description, Scope of Work, and Technical Specifications (Bridging Documents),” Section 2, “Scope of Work,” Subsection 2.7.4 , page 19, **DELETE** in its entirety and **SUBSTITUTE** with the following:

2.7.4. construction of sewer mains, water mains and appurtenances including all high-lining, cut and plug and cut ins;

6. To Attachment A, “Project Description, Scope of Work, and Technical Specifications (Bridging Documents),” Section 2, “Scope of Work,” Subsection 2.7.10 , page 19, **DELETE** in its entirety and **SUBSTITUTE** with the following:

2.7.10. traffic control, paving, AC overlay for all streets, storm water permitting and compliance, The AC overlay for each phase of the project shall occur at the completion of construction for that phase and not at the end of construction of all phases;

7. To Attachment C, Supplementary Special Provisions (SSP), page 58 **ADD** the following:

2-16 CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM. To the City Supplement, **DELETE** in its entirety and **SUBSTITUTE** with the following:

1. **Prior** to the Award of Contract or each Task Order, you and your Subcontractors and Suppliers **must** register with Prism®, the City’s web-based contract compliance portal at:

<https://pro.prismcompliance.com/default.aspx>.

2. The City may not award the 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 / proposer.

8. To Attachment D, "Price Proposal Forms," pages 102 through 103, **DELETE** in their entirety and **SUBSTITUTE** with page 12 of 13 through 13 of 13 of this Addendum.

Tony Heinrichs, Director
Public Works Department

Dated: *December 19, 2012*
San Diego, California

TH/bd/ca/egz/rir

PRICE PROPOSAL FORMS

The Design-Builder agrees to the design and construction of Task Order 01 (TO-01) i.e., **Water Group 949 and Water & Sewer Group 946 Project**, for the City of San Diego, in accordance with these contract documents for the lump sum Design-Build Proposal prices listed below. The Design-Builder guarantees the lump sum Design-Build Proposal prices for a period of 120 Days (90 Days for federally funded contracts and contracts valued at \$500,000 or less) from the date Proposals are due until the award of the Task Order. The duration of the price guarantee shall be extended by the number of Days required for the City to obtain all items necessary to fulfill all conditions precedent e.g., bond and insurance.

Item No.	NAICS CODE	Description	Quantity	Unit	Unit Price	Extension
1	541330	Design Services	1	LS	 	\$
2	237110	Construction Services	1	LS	 	\$
3		City Contingency (See Section 1-2, "TERMS AND DEFINITIONS" in The WHITEBOOK for Allowances)	1	AL	 	\$800,000.00

Total Design-Build Proposal Amount (Items 1 through 3, inclusive): \$_____

Total Design-Build Proposal Amount (Items 1 through 3, inclusive) written in words:

The Design-Builder: _____

Title: _____

Signature: _____

The names of all persons interested in the foregoing proposal as principals are as follows:

IMPORTANT NOTICE: If Design-Builder or other interested person is a corporation, state secretary, treasurer, and manager thereof; if a co-partnership, state true name of firm, also names of all individual co-partners composing firm; if Design-Builder or other interested person is an individual, state first and last names in full.

NOTES:

- A. After the selection has been made, the City may award the task order for the Base Proposal alone or if applicable, for the Base Proposal plus any combination of alternates selected in the City's sole discretion.
- B. Prices and notations shall be in ink or typewritten. All corrections (which have been initiated by the Design-Builder using erasures, strike out, line out, or "white-out") shall be typed or written in with ink adjacent thereto, and shall be initialed in ink by the person signing the Proposal.
- C. Failure to initial all corrections made in the proposal documents may cause the Proposal to be rejected as **non-responsive** and ineligible for award.
- D. Blank spaces must be filled in. The Design-Builder's failure to submit a price may render the Proposal **non-responsive** and ineligible for award.
- E. Proposals shall not contain any recapitulation of the Work. Conditional Proposals may be rejected as being **non-responsive**. Alternative proposals will not be considered unless called for.

City of San Diego

CITY CONTACT: CLAUDIA ABARCA, CONTRACT SPECIALIST, Email: cabarca@saniego.gov.
Phone: (619) 533-3439, Fax: (619) 533-3633



ADDENDUM "2"

REQUEST FOR PROPOSAL (RFP)

FOR

MULTIPLE AWARD CONSTRUCTION CONTRACTS (MACC) FOR WATER, WASTEWATER, AND STORMWATER PROJECTS

TASK ORDER:	Water GJ949 and Water & Sewer GJ946
TASK ORDER NO.:	01
RFQ NO.:	12MCL100
RFP NO.:	01
PROPOSAL NO.:	K-13-5845-MAC-3-C
SAP NO. (WBS/IO/CC):	B-11045, B-11042, B-12071
CLIENT DEPARTMENT:	PUD
COUNCIL DISTRICT:	3, 4
PROJECT TYPE:	KB, JA

PROPOSAL DUE:

**12:00 NOON
JANUARY 24, 2013
CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT
1010 SECOND AVENUE, SUITE 1400, MS 614C
SAN DIEGO, CA 92101**

A. CHANGES TO CONTRACT DOCUMENTS

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

THE SUBMITTAL DATE FOR THIS PROJECT HAS BEEN **EXTENDED AS STATED ABOVE.**

B. QUESTIONS AND ANSWERS

Q1. Water Group 946 Site 1. The Hydraulic Modeling report shows installing an 8” pipe in Elizabeth St. between Ocean View & T St. The Predesign Map does not show replacement of that section of pipe. Are we to include the pipe on Elizabeth?

A1. No, this portion has been recently replaced by a different project

Q2. Can you include an allowance for the Caltrans Permit Fees?

A2. This cost shall be included in the Lump sum bid items

Q3. Section 302-3 Preparatory Repair Work. This section refers to Grinding distressed asphalt pavement and/or dig out and repair asphalt. At the pre-proposal meeting paving fabric was mentioned. Are we to assume that only paving fabric will be necessary over distressed areas and grinding or dig outs will not be required?

A3. The Engineer of record shall assess and provide recommendations to the City for approval

Q4. Is the AC Overlay an Edge Grind and overlay per Standard Drawing SDG 106?

A4. This is the minimum and the Engineer of record shall assess and provide recommendation of work necessary enduring proper drainage

Q5. At connections to branch lines. Some side streets have pipes that are as small as 6”. Should we upgrade to 8” valves for areas zoned for single family homes and 12” for Multi Family and commercial/industrial zones?

A5. Yes. Upgrade the valves to 8” and 12” accordingly to meet the design standards and then reduce accordingly to connect to existing pipes

Q6. The Predesign Map for Group 946 site 2, calls for replacement of 16” CI pipe on the Home Ave. Bridge. The pipe on the bridge is 16” Welded Steel Pipe that is about 23 years old. The Preliminary Engineering Report calls for 16” PVC to be installed for this section of pipe. Has there been any field check of this pipe to determine if replacement is necessary? As this pipe is WSP and not CI as the predesign report shows there are other alternatives to renew this pipe if necessary rather than replacement. If this pipe is to be replaced does the City want PVC pipe installed on the bridge?

- A6. The City is investigating this and if a revision to the scope is needed an Addendum will be issued.

C. CHANGE TO ADDENDUM 1:

1. To Item C, Changes to the Request for Proposals, Item 1, page 3, **DELETE** in its entirety and **SUBSTITUTE** with the following:

5.0 SELECTION AND AWARD SCHEDULE

- 5.1** The City anticipates that the process for awarding the TO will be according to the following tentative schedule:

5.1.1	Pre-Proposal Meeting	December 20, 2012
5.1.2	Proposal Due Date	January 24, 2013
5.1.3	Presentations	January 31, 2013
5.1.4	Selection and Notification	February 13, 2013
5.1.5	Limited Notice to Proceed	April 2013

2. To Item C, Changes to the Request for Proposals, Item 4, page 9, item 1.1., **DELETE** in its entirety and **SUBSTITUTE** with the following:

- 1.1.** Design and construction of Water GJ 949 and Water & Sewer GJ 946 (i.e., Site 1 and Site 2). This Project consists of the installation of 8", 12" and 16" water mains and the installation of 8" and 15" sewer mains, including water services, fire services, valves, fire hydrants, sewer laterals, sewer replumb laterals and agreements, markers, manholes, laterals, trench resurfacing, water high-lining, cut and plugs and cut ins, AC overlay for all effected streets with the exception of Skyline Drive east of the intersection of Lausanne Dr to Gribble Street, pressure reducing station, Caltrans encroachment permit acquisition and coordination, pipe replacement within Caltrans Jurisdiction within a bridge cell, pavement resurfacing, curb ramps, traffic control, archeology and paleontology mitigations, and all other work and appurtenances in accordance with the Plans and Specifications. The AC overlay for each phase of the project shall occur at the completion of construction for that phase and not at the end of construction of all phases.

D. CHANGES TO THE REQUEST FOR PROPOSALS

1. To RFP, Section 12, Submittal Requirements, item 12.2 Technical Proposal Requirements, page 7, sub-item 12.2.1, **DELETE** in its entirety and **SUBSTITUTE** with the following:

- 12.2.1** The Technical Proposal shall be concise and well organized and shall demonstrate the Design-Builder's qualifications and experience applicable to the Project. Type size and margins for text pages shall be in accepted standard formats for desk top publishing and word processing and result in no more than

500 words per page and shall be limited to no more than 50 one-sided pages (8 ½" x 11") inclusive of any cover sheets, resumes, graphics, forms, pictures, photographs, dividers, front and back cover and supporting documentation. Double-sided pages are not acceptable. Paper foldouts in sizes other than the Standard Letter size will count as 2 pages against the established Proposal page-count limit. A cover letter may be submitted but shall not contain any information that is a required element of the Technical Proposal.

2. To Attachment A, Project Description, Scope of Work, and Technical Specifications (Bridging Documents), Section 2, Scope of Work, page 18, item 2.7.10., **DELETE** in its entirety and **SUBSTITUTE** with the following:

2.7.10. Traffic control, paving, AC overlay for all effected streets with the exception of Skyline Drive east of the intersection of Lausanne Dr to Gribble Street, storm water permitting and compliance. The AC overlay for each phase of the project shall occur at the completion of construction for that phase and not at the end of construction of all phases;

3. To Attachment A, Project Description, Scope of Work, and Technical Specifications (Bridging Documents), Section 15, Environmental and Permit Support, page 24, item 15.1, **DELETE** in its entirety and **SUBSTITUTE** with the following:

15.1. This Scope is based on studies and reviews performed by City's Development Services Department [DSD] which are included in the Bridging Documents. The Design-Builder shall identify all permits required for the Project as well as all requirements for those permits. All permits shall be acquired by the Design-Builder and the costs thereof paid by City. At the 60%, 100% and Final Design completion levels, the Design-Builder shall submit to City a written list of permits required for the Project. The Design-Builder shall identify all permitting agencies and authorities having jurisdiction. The Design-Builder shall prepare permit applications and submit the applications to the Engineer for review. The Design-Builder shall provide technical services as required by the permitting agencies during permit acquisition. The Design-Builder shall incorporate mitigation provisions and DSD review requirements, including the certified CEQA document into the Construction Documents. The Design-Builder shall identify and estimate quantities of BMP's to comply with SWPPP requirements if required.

4. To Attachment A, Project Description, Scope of Work, and Technical Specifications (Bridging Documents), section 40.1.2., Page 52, **ADD** the following:

14. Sewer & Water GJ946_Site 1.dgn

5. To Attachment A, Project Description, Scope of Work, and Technical Specifications (Bridging Documents), section 40.1.3., Page 52, **ADD** the following:

12. Sewer & Water GJ946_Site 2.dgn

6. To Attachment A, Project Description, Scope of Work, and Technical Specifications (Bridging Documents), section 40.1.4., Page 52, **ADD** the following:

15. Water Group Job 949.dgn

Tony Heinrichs, Director
Public Works Department

Dated: *December 26, 2012*
San Diego, California

TH/bd/ca/rir/egz

City of San Diego

CITY CONTACT: Claudia Abarca -Contract Specialist, Email: cabarca@saniego.gov.
Phone No. (619) 533-3439, Fax No. (619) 533-3633

ADDENDUM "3"

REQUEST FOR PROPOSAL (RFP)



FOR

MULTIPLE AWARD CONSTRUCTION CONTRACTS (MACC) FOR WATER, WASTEWATER, AND STORMWATER PROJECTS

TASK ORDER:	Water GJ949 and Water & Sewer GJ946
TASK ORDER NO.:	01
RFQ NO.:	12MCL100
RFP NO.:	01
PROPOSAL NO.:	K-13-5845-MAC-3-C
SAP NO. (WBS/IO/CC):	B-11045, B-11042, B-12071
CLIENT DEPARTMENT:	PUD
COUNCIL DISTRICT:	3, 4
PROJECT TYPE:	KB, JA

PROPOSAL DUE:

**12:00 NOON
JANUARY 24, 2013
CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT
1010 SECOND AVENUE, SUITE 1400, MS 614C
SAN DIEGO, CA 92101**

A. CHANGES TO THE REQUEST FOR PROPOSALS

1. To Addendum 1, C. Changes to the Request for Proposal, page 9, item 4, **DELETE** in its entirety and **SUBSTITUTE** with the following:

- 1.1 Design and construction of Water GJ 949 and Water & Sewer GJ 946 (i.e., Site 1 and Site 2). This Project consists of the installation of 8", 12" and 16" water mains and the installation of 8" and 15" sewer mains, including water services, fire services, valves, fire hydrants, sewer laterals, sewer replumb laterals and agreements, markers, manholes, laterals, trench resurfacing, water high-lining, cut and plugs and cut ins, AC overlay for all effected streets, pressure reducing stations, Caltrans encroachment permit acquisition and coordination, pavement resurfacing, curb ramps, traffic control, archeology and paleontology mitigations, and all other work and appurtenances in accordance with the Plans and Specifications. The scope of work **does not** include the replacement of the existing 16" water main within Caltrans bridge cells, however, all appurtenances and pipes connecting to the 16" water main within the bridge cells must be upgraded to 16" as necessary. The AC overlay for each phase of the project shall occur at the completion of construction for that phase and not at the end of construction of all phases.

Tony Heinrichs, Director
Public Works Department

Dated: *January 3, 2013*
San Diego, California

TH/BD/CA/egz

City of San Diego

CITY CONTACT: CLAUDIA ABARCA, CONTRACT SPECIALIST, Email: cabarca@saniego.gov.
Phone: (619) 533-3439, Fax: (619) 533-3633



ADDENDUM “4”

REQUEST FOR PROPOSAL (RFP)

FOR

MULTIPLE AWARD CONSTRUCTION CONTRACTS (MACC) FOR WATER, WASTEWATER, AND STORMWATER PROJECTS

TASK ORDER:	Water GJ949 and Water & Sewer GJ946
TASK ORDER NO.:	01
RFQ NO.:	12MCL100
RFP NO.:	01
PROPOSAL NO.:	K-13-5845-MAC-3-C
SAP NO. (WBS/IO/CC):	B-11045, B-11042, B-12071
CLIENT DEPARTMENT:	PUD
COUNCIL DISTRICT:	3, 4
PROJECT TYPE:	KB, JA

PROPOSAL DUE:

**12:00 NOON
JANUARY 24, 2013
CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT
1010 SECOND AVENUE, SUITE 1400, MS 614C
SAN DIEGO, CA 92101**

A. CHANGES TO CONTRACT DOCUMENTS

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

B. QUESTIONS AND ANSWERS

Q1. New Water Design Guidelines Adopted September 6, 2012 included some new items that we would like to have clarified:

- 5-feet of cover required in High or Heavy-Loaded Traffic areas. “High traffic” is not clearly defined. Please confirm that the following streets are the only streets that would fall into this category:
 - Home Avenue
 - Skyline Drive
 - Woodman Street
 - Logan Avenue

A1. For this project 5 feet of cover is required for all 16’’ mains.

Q2. New Water Design Guidelines Adopted September 6, 2012 included some new items that we would like to have clarified:

- FH Spacing was revised based on Zoning. Please confirm that fire hydrants should be added to meet the new revised standards based on the City of San Diego zoning maps that are currently available on the City website. Revised Fire Hydrant Spacing per Sept. 6th, memo:
 - No More than 450 feet apart in single-family residential areas
 - No More than 350 feet apart in multi-family residential and commercial areas
 - No More than 250 feet apart in industrial areas.

A2. Confirmed.

Q3. New Water Design Guidelines Adopted September 6, 2012 included some new items that we would like to have clarified:

- The gate valves or butterfly valves are allowed on 16 inch mains per the new standards. Is there a preference for this project?

A3. For this project butterfly valves are required for all 16’’ mains. Please refer to the design guidelines for more information on butterfly valve design requirements.

Q4. The RFP Documents require submittal of a project specific QAQC plan as part of the proposal. Will the QAQC plan be part of the 50 page limit?

A4. Yes.

Q5. The RFP documents require quantity estimates and cost estimates to be submitted at the 60%, 90% and Final design submittals. This is not typically required for a design build projects. Is this submittal requirement correct?

A5. Yes.

Q6. The survey .dgn files provided with Addendum No. 2 for Group Job 946 Sites 1 & 2 appear to be missing information. The following file models were empty for both dgn files and contained no information:

- a. "FIELD DTM" – "Preliminary Field Work Nad83"
- b. "MAPPING" – "Aerial Mapping Nad83"
- c. "MAPPING-DTM" – "Surface Data DTM Nad83"

Are these files available?

A6. Please see section C of this Addendum. The available files are currently on the ftp site.

Q7. Design submittal items include hydraulic calculations. If the pipe sizes from the pre-design report are accepted, is there a need to provide additional hydraulic calculations? Is it the City's intent that the design consultants provide independent calculations to confirm the City's pipe sizing recommendations?

A7. Yes to both parts of the question.

Q8. The scope of work described in the Addendum to the MND, pp1 includes removal and/or replacement of street trees and the removal and/or replacement of street lights. Where is this work described?

A8. This is as needed to complete the project scope of work of scope and install all appurtenances such as curb ramps.

Q9. The ADA report and map for Group 946 was removed from the website. Is the report going to be updated or replaced?

A9. The available files are currently on the ftp site.

Q10. When working in a street with a raised median if work only occurs on one side of the median is the AC Overlay required on both sides of the street?

A10. Yes.

- Q11. Are we crossing any railroad or trolley tracks with any of the proposed pipeline work?
- A11. The City is not aware of any tracks that shall be crossed with the proposed pipeline.
- Q12. In several areas of the project it appears that the proposed work will encroach within MTS railway right of way, which will trigger permitting and likely standby flaggers and additional costs and construction restraints. Can the City identify where these areas are and if the City will be paying for permits and fees?
- A12. The City will pay for permit fees if necessary, the Design-Builder shall obtain the required permits. The Design-Builder shall be responsible for all other expenses and additional costs.
- Q13. On the pre-design maps what is the difference between purple & yellow, and red & green?
- A13. Please refer to the legend of each pre-design drawing included with the RFP.
- Q14. On the 60% plans provided for the GJ 949 project at STA: 9+76 on sheet 16 it shows a connection to be made to the existing 12". In the letter dated April 18th from Jesus Meda it says that this 12" is to be replaced between Cielo Dr and the Old Encanto Standpipe (Removed). Please clarify.
- A14. As mentioned in the mandatory pre-proposal meeting, this portion is not included in the scope of work for this Project.
- Q15. 946, Site 1, the 10% Design Report states install dual pipes in Ebbs St and abandon the existing pipe in the easement to the west, please confirm this requirement.
- A15. This requirement is confirmed.
- Q16. 946, Site 1, The Pre-Design Location map includes a sewer line at the end of San Miguel Ave. The work, however is not shown on the Predesign CMP Map (Map 2 of 3). The 10% Pre-Design report doesn't address this sewer either. Please confirm this work is included and if so, define the limits accordingly.
- A16. There is no sewer line at the end of San Miguel Avenue on the Pre-Design Location Map.
- Q17. GJ 946, Site 1, please confirm the existing 210' of 8" VC pipe in the easement on 44th St between Boston Ave and Z St will be abandoned and a new 8" sewer in Boston Av will be installed in its place and all laterals replumbed to the new sewer.
- A17. Yes, please refer to the file titled "Water & Sewer Group 946 Site 1 PDS.pdf" on the FTP site for more details.

- Q18. For GJ 946, Site 2, Please confirm the pipeline replacement work on Home Ave south of the Hwy 94 overpass extends into the canyon to the fire hydrant at the paper street intersection of 39th St and C St., then up the slope to C Street as shown in the Pre-Design Map or should the new pipe stay within Federal Blvd to make a new loop.
- A18. The new pipe shall stay within Federal Blvd as shown in the file titled "Water and Sewer Group 946 Site 2 PDW.pdf" on the ftp site.
- Q19. For GJ 946, Site 2, Confirm the new 16" pipeline at 39th St and Hilltop Dr. should connect to the 30" SCRW Bonita Pipeline with a new 16" side outlet and will City forces install the new side outlet saddle?
- A19. Yes, the new 16" pipe shall connect to the 30" pipeline. The Design-Builder shall perform all work in coordination with City Forces.
- Q20. For GJ 946, Site 2, the new sewer on Home Ave between Gateway and Hazel St, please confirm the City only wants to replace the initial 236' of sewer and leave the adjacent 159' of sewer in place. It would seem prudent to replace the additional 159' while the construction crews are on site.
- A20. The Design-Builder shall replace the additional 159' and shall install a new manhole at the end of the new main.
- Q21. GJ 949, please confirm if a new SCADA system is required for the PRS replacement at Cielo Dr and Skyline Dr.
- A21. A new SCADA system is not required for this location.
- Q22. Typically the City doesn't require Crack Seal under new AC Overlay. Can you confirm Crack Seal will not be required under new AC Overlay?
- A22. Confirmed.
- Q23. WG 949, 60% Submittal, Street Resurfacing Plan, has a note saying "Street resurfacing after the intersection b/w Lausanne Dr. & Gribble St. shall be done by WBS# B13012". Will any asphalt repairs be required on this section of Skyline Dr. outside of our trench paving?
- A23. The contractor shall be responsible to repair or restore the street as necessary including any necessary asphalt patching to mitigate any damage resulting from the construction activities.
- Q24. Can you clarify if Petromat Paving Fabric will be allowed to be used?
- A24. Petromat Fabric shall not be used.

Q25. Group 946 Site 1, both S. 42nd St and the S. 45th St. alignments are shown as CIP Overlay Moratorium areas. Please clarify the restrictions, if any, the Moratorium will have on this project.

A25. It is anticipated that the CIP Overlay Moratorium will be lifted prior to construction.

Q26. The Preliminary Engineering Report for Group 946 Site 1, Section 1.4, "Resurfacing on the intersection of Logan Ave and 45th St. and at Mariposa St. and Ebbs St. will be done as part of this project." Can you clarify if you meant Mariposa Place and Ebbs St.?

A26. Yes. The resurfacing shall be at Mariposa Place and Ebbs Street.

C. CHANGES TO THE REQUEST FOR PROPOSALS

1. To Attachment A, Project Description, Scope of Work, and Technical Specifications (Bridging Documents), section 40.1.2, Page 52, **ADD** the following:

15. B11042D_Site1.dtm

2. To Attachment A, Project Description, Scope of Work, and Technical Specifications (Bridging Documents), section 40.1.3, Page 52, **ADD** the following:

13. B11042D_Site2.dtm

Tony Heinrichs, Director
Public Works Department

Dated: *January 11, 2013*
San Diego, California

TH/bd/ca/egz

Technical Proposal



MACC Contract Task Order 01: Water Group 949 and Water & Sewer Group 946 Design-Build Project



Submitted by

TC Construction Co.
10540 Prospect Avenue
Santee, CA 92071
619.448.4560





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Subcontractor Documentation

- Form AA15 - Design-Build List of Subcontractors
- Form AA30 - Design-Build Named Equipment / Material Supplier List





ADDENDA TO THIS RFP

TC Construction Company (TC) is in receipt of the following addenda to this Request for Proposal (RFP):

- ⇒ Addendum "1", dated December 19, 2012
- ⇒ Addendum "2", dated December 26, 2012
- ⇒ Addendum "3", dated January 3, 2013
- ⇒ Addendum "4", dated January 11, 2013



EXCEPTIONS TO THIS RFP

TC does not take exception to this RFP, addenda or the draft agreement.



SUBCONTRACTING PARTICIPATION PERCENTAGES

The TC Design-Build Team (TCDB) has ensured that we will meet or exceed the mandatory minimum subcontractor participation percentages established by the City of San Diego for this 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. The firms with which we have partnered for this contract include:

Design

- VO Engineering, Inc. (ELBE)** – Geotechnical Engineering
- San Dieguito Engineering (SLBE)** – Engineering Design and Surveying
- Hudson Safe-T-Lite (SLBE)** – Traffic Control Plans for Low Volume Streets
- Global Environmental Network, Inc. (DVBE)** – Water Pollution control Plan

Construction

- Vic Salazar Communications (ELBE)** – Community Liaison, Video Pre-existing Conditions
- Brian F. Smith & Associates (SLBE)** – Archeological /Paleontological Monitoring
- Sealright Paving Co. (SLBE)** – AC Paving, AC Grinding, Pavement Fabric
- Coastal Pipeline Services (ELBE)** – CCTV
- YBS Concrete, Inc. (ELBE)** – Concrete Flatwork
- Southwest Traffic Signal Services (ELBE)** – Traffic Loops
- Luzach Striping, Inc. (ELBE)** – Striping
- G. Scott Asphalt, Inc. (SLBE)** – Slurry Seal
- F&L Fuels & Lubricants Corp, Inc. (DVBE)** – Diesel
- J. Cloud, Inc. (SLBE)** – Trucking and Aggregates
- Bramko Industries dba Day & Night Power Sweeping (SLBE)** – Street Sweeping
- R & C Structures** – Manholes

Summary of Subcontracting Participation Percentages

SERVICES	SLBE	ELBE	DVBE	TOTAL
Design Services ¹	8.11%	3.63%	.75%	12.49%
Construction Services ²	17.71%	5.22%	.72%	23.65%

¹ Percentages shown relative to proposed design service budget in the bid form.

² Percentages shown relative to proposed construction services budget in the bid form.

Subcontractor Documentation

TC's subconsultant documentation is included at the end of this Proposal, and includes:

- Form AA15 - Design-Build List of Subcontractors
- Form AA30 - Design-Build List of Named Equipment / Material Supplier List (Form AA30)
- Proof of Disabled Veteran Business Enterprise Certification Status for Global Environmental Network, Inc. and F&L Fuel & Lubricants Corp.





EXECUTIVE SUMMARY

D/B Firm Information

TC Construction Company, Inc.
10540 Prospect Avenue
Santee, California 92071
T: (619) 448-4560
F: (619) 258-9751

D/B Firm Project Manager:

Austin Cameron
T: (619) 448-4560, ext. 117
acameron@tcincsd.com

Areas of Specialization:

- Public Works Infrastructure
- Private Development
- Wet/Dry Utilities
- Concrete Structures
- Pump Stations
- Demolition
- Retaining Walls
- Material Processing
- Erosion Control
- Design-Build

As mentioned in our Statement of Qualifications, the TCDB Team believes the design-build approach creates an opportunity for highly streamlined services throughout the design and construction phases and enables a continuous and consistent quality control process. It allows for maximum coordination among the City, contractor and design team, which creates optimum efficiency and minimizes overall cost and project delivery risk. These are the benefits we have realized in our previous Design-Build efforts and the value that our Team brings to the City of San Diego (City) for this first Multiple Award Construction Contract (MACC) Task Order: **Water GJ 949 and Water & Sewer GJ 946 Design-Build**.

As it has on past project efforts, the City will directly benefit from the experience of TC and our lead design partner, RBF Consulting (RBF), each of which has worked extensively with the City on water and sewer pipeline improvement. Additionally, the synergy established between the firms over numerous similar projects enables fluid communication and shared knowledge among key team members, as well as full involvement of all key 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.

TC and RBF will integrate the expertise and involvement of all team members to achieve the greatest level quality, value and efficient service required to deliver this project problem-free.

TCDB: Local Team, Local Expertise, Local Partnerships

Since our inception in 1977, TC has specialized in the construction of improvements to local conveyance water and wastewater infrastructure. Over the past 35 years we have developed a mutually beneficial relationship with the City that has afforded us an excellent knowledge of its infrastructure, environment, communities and specifications, as well as Public Utilities and City Field Engineering staff. TC has also spent many years developing working relationships with exceptional local specialty contractors, material suppliers and design professionals.

The subconsultants, subcontractors and vendors we have partnered with for this contract represent some of the most expert and knowledgeable firms in the area. For instance, our Lead Design partner, RBF Consulting (RBF), a company of Michael Baker Corporation, is a firm with which we have enjoyed over 10 years of successful project teaming experience. RBF is a full-service planning, engineering, surveying and construction management firm with 38 years of local experience that has served the City of San Diego on many similar infrastructure improvement projects, including: the City of San Diego Paving and Striping Design-Build Projects and the City of San Diego Alvarado Trunk Sewer Phase IIIA Design-Build Projects, all with TC, Water Group 554 & 555 Design-Build Projects, Harbor Drive and Lindbergh Field Cast Iron Pipeline Replacement Projects and South Mission Valley Trunk Sewer.

Our other specialty technical subconsultants and construction partners are likewise incredibly savvy in the local environment. They each bring the necessary skill and wealth of experience. Their inclusion represents our commitment to them as long-time project partners, to this community and partnering with firms in it, as well as to achieving all of the City's: project success, infrastructure improvement, community safety and equal opportunity contracting.

AUTHORIZED SIGNATURE

Austin Cameron
Design-Build Project Manager
TC Construction Company, Inc.

The TC / RBF relationship spans 10-plus years and has successfully put \$30 million of local infrastructure in place





Project Management Emphasizes Communication, Value & Quality

Austin Cameron will serve as the Project Manager and the primary point of contact for the TCDB Team and will be responsible for the project's overall design and construction coordination. Austin has 20 years of water and wastewater pipeline construction experience in Southern California and is well versed in all technical elements anticipated for this project. He will be responsible for overall coordination of design and construction phase tasks, streamlining communication among team partners and the City, implementing a uniform quality control program, monitoring the critical path schedule and budget, and providing ultimate assurance that the City's needs are met.

John Harris, PE, will serve as RBF's Design Manager and be responsible for coordinating the assignments of RBF and its subconsultants with TC and the City throughout the project. He will institute early strategic planning to identify potential design innovations, perform and manage the day-to-day design tasks and ensure a smooth flow of work between disciplines, and perform design review of all documents. John will be responsible for design schedule and budget adherence, scheduling regular peer review meeting and applying our quality control program throughout.

Austin and John will be supported by a team of highly qualified and appropriately experienced professionals who will provide all required construction, engineering, environmental, stormwater, outreach and related support services.

Essential Design Considerations

We have identified a number of essential design considerations to ensure the project is completed on time and to the satisfaction of the various City Departments involved with the project. They include:

- Developing detailed phasing plans and corresponding highline plans to ensure water service to customers during construction.
- Get a quick start by completing the design for Group Job 949 first since it is 60% complete.
- Recognition of long lead approval items, such as work within and adjacent to Caltrans right-of-way and traffic control plans for heavily traveled street within the project area, like Skyline Dr. and Home Ave.
- Completion of topographic surveys to supplement the work performed by the City and provided with RFP documents.
- Implementation of a proactive community outreach program in the design phase to alert the community of the proposed construction work. Attendance at a number of community group meetings to educate the community of the project limits, impacts and duration.

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. Ensuring that all materials are on-site and available to field workers without delay.
- Providing good communication to all subcontractors, vendors and material suppliers to keep all team members on schedule.
- Continue the proactive community outreach program through the construction phase and strive to be a "good neighbor" with good house-keeping practices and a high level of public safety awareness.



PROJECT TEAM

Updated Organizational Chart

All proposed staff shown in this organizational chart and support staff are located in San Diego



**DESIGN-BUILD
PROJECT MANAGER**
Austin Cameron

DESIGN TEAM KEY PERSONNEL

John Harris PE
Design Manager

Cecil Rehr PE Project Engineer
Dawn Wilson PE, TE, PTOE Traffic Control
Robert Gehrke PE ADA Compliance
Richard Lucera PE, CFM, CPESC, QSD Water Quality
Ernest Wade PLS Field Survey
Neva Cobian Permitting

CONSTRUCTION TEAM KEY PERSONNEL

Elan Schier
Construction Manager

Derek Franken QSP Site Superintendent / SWPPP Compliance
Steve Coker Construction Safety QA / QC

SUBCONSULTANTS

VO Engineering ELBE Geotechnical Engineering
San Dieguito Engineering SLBE Design and Survey
Hudson Safe-T-Lite SLBE Traffic Control Plans
 (Low Volume Streets)
Global Environmental Network, Inc. DVBE Water Pollution Control Plan

SUBCONTRACTORS & SUPPLIERS

Vic Salazar Communications ELBE Community Liaison, Video
 Pre-existing Conditions
Brian F. Smith & Associates SLBE Archeo/Paleo Monitoring
Sealright Paving Co. SLBE AC Paving, AC Grinding,
 Pavement Fabric
Coastal Pipeline Services ELBE CCTV
YBS Concrete, Inc. ELBE Concrete Flatwork
Southwest Traffic Signal Services ELBE Traffic Loops
Luzaich Striping, Inc. ELBE Striping
G. Scott Asphalt, Inc. SLBE Slurry Seal
F&L Fuels & Lubricants Corp, Inc. DVBE Diesel
J. Cloud, Inc. SLBE Trucking & Aggregates
Day & Night Power Sweeping SLBE Street Sweeping
R&C Structures SLBE Manholes



Proposed Management Plan

Continuity and consistency are the key elements to the long-term success of both TC and RBF and equally critical to the success of this project. The City can be assured that these key individuals will be with the job from the Notice to Proceed (NTP) through its completion. This commitment demonstrates the TCDB Team's appreciation of the importance of this project to the City.

In our effort to assemble the most effective team possible, a primary objective was ensuring that we have proven experience and leadership in all key roles. This will allow the project to move smoothly from notice of award through design and into construction. Our team's project manager provides this experience and a proven understanding of how to efficiently complete multi-disciplinary construction projects. Austin's approach to successful project management involves making sure the process is structured for efficiency in advance and maintaining constant communication throughout the process. TC's streamlined management team structure will deliver the following attributes to the City:

- ⇒ Leadership in all facets of the project
- ⇒ Construction insight and input during the design phase
- ⇒ Design support during construction
- ⇒ Appropriate coordination and information dissemination
- ⇒ Consultant ownership and accountability for the project's success
- ⇒ Efficient procurement of materials and resources

TC understands the importance of continuity from design through construction and has structured our project organization to ensure that one team leader (the project manager) will supervise and participate in all phases of the project. We will integrate the knowledge and insight of designers and builders continuously throughout the project to maximize the advantages of the design-build model (including enhanced communication and the viewing, from the construction perspective, of designs, materials and methods).

Working with our design partner, RBF, and in coordination with the City's project manager as well as other utility owners and contractors, Austin will ensure the team is performing necessary geotechnical investigations and potholing to verify locations of utilities and obstructions. He will utilize state-of-the-art techniques, and the City's own prior investigations, to design a specific plan for repair and replacement of subject structures. We will specify and verify our tie-in points.

The TCDB Team will also continuously perform value engineering to assure the City and the project constituents that we are providing best value, and effectively utilizing Quality Assurance (QA) and Quality Control (QC) during both the design phase and construction phase. We will develop and share with the City project manager our final design specifications and construction drawings. We will obtain all necessary permits.

TC will work closely with the City to identify those underground structures which the City anticipates will require replacement or repair in the subject area; perform the necessary document investigation (including utility records, prior as-built drawings and drawings of record, and other relevant records and archives pertaining to utility locations); and will consult with USA in markouts, in order to identify all known structures and obstructions relevant to the project site. We will institute environmental monitoring and provide for mitigation measures as required. We will contact and coordinate with local resource agencies. We will videotape existing conditions prior to initiation of any work, and we will initiate participation in the public information and community outreach program and maintain community outreach throughout the project.



Strength of Key Personnel

Certifications / Registrations:

California Contractors State
License, #402459
AGC Construction Supervisor
OSHA, Certified Competent
Person, Confined Space
Awareness, 10-Hour Certified
Construction Safety and Health

Education:

BA, Business Administration
Certificate of Training in Managing
Delays, Acceleration and
Inefficiency; Primavera Planning
and Scheduling; Estimating
Concrete Construction

Austin Cameron, Design-Build Project Manager, will serve as the main point of contact for the City and act as the TCDB Team liaison to ensure that the City's needs and expectations are clearly understood and communicated to the project team. Austin will attend coordination meetings with the City and provide updates on project progress and schedule adherence throughout the contract. He will facilitate the building of relationships between the City and TC and RBF design and construction personnel to ease and encourage direct client-consultant communication.

Austin will be responsible for issuing all project notices and communication to the Engineering Design Manager and the entire construction team. Project assignments, schedules and accountability will be 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.

Austin will be dedicated throughout all phases of the Water Group Job 949 and Water & Sewer Group Job 946 Contract. His involvement will be as essential in the design development phase as throughout construction and on through successful post-construction close out. **Austin will be approximately 35% committed during design and 75% during construction.** His leadership role will include, but not be limited to, overseeing the following:

- Primary point of contact with the City during design and construction
- Contract negotiations with the City and the design and construction team
- Project master scheduling
- Cost estimating
- Value engineering
- Attending regularly scheduled meetings with the design team during design
- Attending all project-related meetings with the City
- Overall schedule and budget
- Operational, logistical and constructability reviews
- Construction phasing and staging
- Design drawing review
- Performance of subcontractors and equipment suppliers
- Conformance to project specifications
- Coordination with affected communities and agencies and utility services

Austin has extensive experience managing the construction of water and wastewater pipeline projects, as well as integrating the efforts of design and construction professionals for the efficient prosecution and successful delivery of design-build infrastructure improvement projects. Austin's project Experience includes

- City of San Diego Otay II Pipeline N. Encanto 42-inch Water Main Replacement
- City of San Diego Crown Point Trunk Sewer
- City of San Diego Fault Crossing Retrofits to Large Water Pipelines
- Lemon Grove Avenue, Imperial Avenue and Main Street Sewer Improvements



Certifications / Registrations:

AGC Construction Supervisor

Education:

Certificate of Training in SWPPP, Managing Delays, Acceleration and Inefficiency; SSPWC Greenbook Principles; City of San Diego Traffic Control Plan Preparation; Primavera Planning and Scheduling

Elan Schier will be designated as **Construction Manager** for the contract. He has substantial experience with all materials and systems that will be specified in the construction of this project, including PVC, steel and ductile iron water mains, complicated highline systems, force main and gravity sewer systems, structural and surface demolition, pressure reducing stages, 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. He is proficient with estimating and project management software as well as critical path method scheduling.

Elan 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 pipeline installation while monitoring the completed work for compliance with the contract drawings, including specifications. **Elan will be approximately 30% committed to the project during design and 85% during construction.** His project experience includes:

- City of San Diego Famosa Accelerated Water and Sewer Replacement Project: Construction Manager
- City of San Diego Water Group 909: Construction Manager
- City of Chula Vista Eastlake Parkway Sewer Connection: Construction Manager
- City of San Diego Otay II Pipeline North Encanto Replacement: Construction Manager

Certifications / Registrations:

AGC Construction Supervisor

OSHA, Certified Competent Person, Confined Space Awareness

Education:

Certificate of Training in Managing Delays, Acceleration and Inefficiency

Derek Franken, Site Superintendent and SWPPP Compliance Manager, has 27 years of experience, including work with above and below ground pump stations; 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. Franken is skilled in construction management of larger, complex projects and has proven his ability to coordinate crews, subcontractors and in-house construction services. **Derek will be 100% committed to the project during construction.** His project experience includes:

- City of Chula Vista Poggi Canyon Trunk Sewer Upgrade: Site Superintendent
- Heber Public Utility Department Raw Water Transmission Pipeline: Site Superintendent
- San Bernardino Avenue Trunk Sewer: Site Superintendent
- Coachella Dike #4 Groundwater Recharge: Site Superintendent

Certifications / Registrations:

Federal Contractor QC Certified

Master Certificate, Concrete Construction Management

Confined Space, First Aid & CPR, SWPPP Certified

Steve Coker, who will serve as **Construction Safety and QA/QC Officer**, has 26 years of experience in the construction industry specializing in all phases of underground construction, pump stations, treatment facilities and cast-in-place concrete and reinforcing steel. He has held the roles at TC of General Superintendent for ten years, and Vice President for 7 years. **Steve will be 25% committed to the project during construction.** His project experience includes:

- City of Chula Vista Poggi Canyon Trunk Sewer Upgrade: Safety & QA/QC Officer
- City of San Diego FIRP Package B, C & D: Safety & QA/QC Officer
- City of San Diego Alvarado Water Filtration: Safety & QA/QC Officer
- Southwest Quadrant Storm Drain: Safety & QA/QC Officer





Certifications / Registrations:

1984, Civil Engineer, CA, 38217

Education:

MS, 1988, Civil Engineering, San Diego State University, San Diego, CA

BS, 1981, Civil Engineering, San Diego State University, San Diego, CA

Design-Build Workshop, 2008, EGCA

John Harris, PE, Engineering Design Manager, will lead the engineering design efforts and be involved in project meetings with the City and Contractor throughout both the design and construction phases. John will have overall responsibility for civil engineering design, surveying, traffic control, environmental liaison work, and quality control and construction support services. He will provide quality review of both in-house project engineering and subconsultant work efforts, and will coordinate these services with TC's construction team. **He will be 45% committed to the project during design and 20% during the construction phase.**

John's 34 years of experience includes system evaluation, design, construction management, value engineering, economic analysis, environmental documentation, and permit preparation and processing for exactly this type of project. He will serve as the corporate liaison between RBF's Water Resources Group and TC. He served in this same capacity on other such City of San Diego water and sewer line improvement projects, including:

- City of San Diego Water Group 554 and 555 Design-Build Projects: Design Manager
- City of San Diego South Mission Valley Trunk Sewer Replacement: Project Manager
- City of San Diego Harbor Drive and Lindbergh Field CIP Replacement: Project Manager
- City of Chula Vista Eastlake Parkway Sewer Connection: Design Manager
- City of San Diego Torrey Pines Road / La Jolla Boulevard Water Main Replacement: Project Manager
- City of San Diego Black Mountain Road Water Pipeline Design-Build: Design Manager

Certifications/ Registrations

2000, Civil Engineer, CA, C60899

Education:

Diploma, Civil Engineering, Cape Town, South Africa

Credential, Engineering and Architecture, California State Teaching

Cecil Rehr, PE, Lead Engineer, will be responsible for the day-to-day design efforts, including CAD standards conforming to City guidelines, development of plan and profile sheets, horizontal alignment index, construction BMPs, construction details, pavement restoration and location of new/replacement pedestrian ramps. Additionally, Mr. Rehr will coordinate with the various utility companies during the plan check process to identify any conflicts. **He will be approximately 75% committed to this project during design and 35% during construction.**

Cecil has 37 years of civil engineering experience in design of water and sewer systems, treatment plants, storm drainage, pump stations, water storage tanks and reservoirs. He has managed projects involving surveying, construction staking, construction management, design of minor structures, preparation of detailed specifications and cost estimates. He serves as a Chief Engineer for RBF's Water Resources Department and is responsible for maintaining quality and consistency in our construction documents and engineering reports. Cecil's project experience includes:

- City of San Diego Water Group 554 and 555 Design-Build Projects: Project Engineer
- P-1045 Potable Water Conveyance System at MCB Camp Pendleton: Project Engineer
- Rainbow Municipal Water District Water Pipeline N-N Replacement: Project Manager
- City of San Diego Reclaimed Water Line Extension Projects: Project Engineer
- City of San Diego Canyon Trunk Sewers; Project Engineer
- Ramona Municipal Water District Old Julian Pump Station and 12-Inch Pipeline: Project Manager





Certifications / Registrations:

2001, Professional Engineer, CA,
C62562
2010, Traffic Engineer, CA, 2548
2010, Professional Traffic
Operations Engineer

Education:

MS, 1995, Civil Engineering,
University of California, Irvine
BS, 1993, Civil Engineering,
University of California, Irvine

Dawn Wilson, PE, TE PTOE, Traffic Engineer, has 19 years of experience preparing transportation planning studies and documents and traffic engineering design throughout San Diego County and southern California. Dawn has managed traffic signal and traffic control plan designs and signing and striping projects, and she has been responsible for preparing traffic studies for major, complex infrastructure improvement projects. Dawn will be responsible for developing traffic control plans for any work in streets with high traffic volumes. **She will be approximately 10% committed to this project.** Dawn's project experience includes:

- Harbor Drive & Lindbergh Field CIP Replacement: Traffic Engineer
- San Marcos Bradley Park Pipeline Relocation Traffic Control Plans: Traffic Engineer
- Rosecrans Corridor Study: Project Manager
- Hillcrest Corridor Mobility Strategy: Project Manager
- San Elijo Hills Traffic Control Support Services: Traffic Engineer

Certifications / Registrations:

1990, Civil Engineer, CA, 45717

Education:

BS, 1987, Civil Engineering, San
Diego State University

Rob Gehrke, PE, Civil Engineer, has 26 years of experience in the management and preparation of site development and public works infrastructure improvement plans for grading, street design, storm drainage, and sewer and water. Mr. Gehrke has prepared and processed numerous tentative and final subdivision and parcel maps and has prepared documents which include capacity analysis for utilities, identification of required improvements, and cost estimates. Rob will assist in the design of ADA compliant pedestrian access ramps, curbs and gutters. **He will be approximately 15% committed to this project.** Rob's project experience includes:

- Del Sol Boulevard Improvements: Project Manager
- City of San Diego Guardrail Design at Various Locations: Project Manager
- La Mesa Downtown Streetscape and Roadway Improvements: Project Manager
- Centre City Development Corporation On-Call Civil Engineering: Project Manager
- Naval Training Center (Liberty Station) Redevelopment: Project Manager

Certifications / Registrations:

1998, Civil Engineer, CA, 58089
2006, Association of State
Floodplain Managers Cert., CA
2008, Certified Professional in
Erosion and Sediment Control
2010, CASQA Trainer of Record for
QSD/ QSP Training Course, CA
2010, Qualified SWPPP Developer/
Practitioner, CA, 00043
2010, Construction General Permit
Trainer of Record, CA

Education:

M. Eng., 1996, Environmental
Engineering, Penn State
University
B.S., 1992, Civil Engineering,
University of Delaware

Richard Lucera, PE, CFM, CPESC, Stormwater Management Specialist, is an industry leader in the fields of storm water design and water quality analysis. He participated heavily in the public review process of the National Pollution Discharge Elimination System Municipal Storm Water Permit for San Diego County. Additionally, he has been an active participant in the creation of the County of San Diego Low Impact Development (LID) Handbook that was created in response to the new Regional Water Quality Control Board requirements. Rich will oversee the development of Storm Water Management Plans, Best Management Practices and any LID design elements. **He will be approximately 15% committed to this project.** Rich's project experience includes:

- San Diego County Watershed Protection Program: Project Manager
- Del Sol Boulevard Improvements Stormwater Management: Task Manager
- Proposition 50 Low Impact Development Market Street Pilot Project: Project Manager
- Alpine Boulevard Improvements Stormwater Management: Task Manager
- Pacific Highlands Ranch Hydromodification Compliance: Project Manager





Certifications / Registrations:

1994, Professional Land Surveyor,
CA, 7130

Education:

Coursework, Boundary
Control/Geodetic Survey

Ernie Wade, PLS, Survey Manager, is experienced in land surveying for a wide variety of public works infrastructure and transportation projects, industrial and private land development projects. He specializes in the management of survey projects that require the use of new technology in performing geodetic and mapping surveys in both the field and office environments. Ernie will manage crews required for all land survey services as part of the project. **He will be approximately 35% committed to this project.** His experience includes:

- Magnolia Street Transmission Main: Survey Manager
- Westside Reclaimed And Potable Waterline Project: Survey Manager
- Menifee/Perris Interceptor Sewer: Survey Manager
- San Diego County As-Needed Surveying: Project Manager
- Temecula Sewer Video Survey and Condition Assessment: Survey Manager

Education:

Course Work at Grossmont College

Neva Cobian, Permitting Coordinator, oversees the preparation of submittal packages for improvement plans, grading plans and building plans, and submits these through various government agencies, including the City of San Diego, Caltrans and the County of San Diego. Her expertise in public relations and ability to maintain and foster advantageous relationships with agency officials, plus her knowledge of governmental processing requirements, has led to many successfully completed fast-track projects. Neva will expedite all permit approvals processing through the city. **She will be approximately 35% committed to this project.** Her experience includes:

- Harbor Drive & Lindbergh Field CIP Replacement: Permitting Coordinator
- Water Group 554 / 555 Design-Build Projects: Permitting Coordinator
- South Mission Valley Trunk Sewer Replacement: Permitting Coordinator
- Naval Training Center (Liberty Station) Redevelopment: Permitting Coordinator
- Rancho Encantada - Montecito and Sycamore Project: Permitting Coordinator

Committed Subconsultants

VO Engineering, Inc.

Geotechnical Engineering
City of San Diego Certified ELBE

Van Olin, PE, GE, Geotechnical Engineer, is a registered professional and geotechnical engineer with 25 years of diverse experience. His responsibilities have included management of geotechnical engineering divisions; laboratory and field testing during project design and construction phases; and analyses with state-of-the-art geotechnical and geoseismic computer software. Consulting services have been provided for municipalities, power and utility, telecommunication, public works, institutions, commercial, and residential developments, as well as forensic projects. Van will provide all required geotechnical services for the project. **He will be approximately 40% committed to this project.** Van's experience includes:

- City of San Diego Various Geotechnical Projects (Fox Seismic Retrofit, Fletcher Building Remodel, Torbati Parking Structure Expansion): Project Manager
- City of Carlsbad College Avenue Potable Water Line: Project Manager
- City of Encinitas Sewer Improvements: Project Manager
- City of Carlsbad As-Needed Geotechnical Engineering Services: Project Manager



VO Engineering





San Dieguito Engineering (SDE)
Civil Engineering and Surveying
City of San Diego Certified SLBE



SDE

Engineering | Surveying | Planning

Annie Aguilar, PE, Engineering Design and Surveying, experience includes project management and design of site development grading, drainage, sewer and water layouts, private and public roads, earthwork quantity calculations, and preparation of Storm Water Management Plans. As President and Principal Engineer, she is responsible for preparation of construction plans and specifications for civil engineering components of sewer, water, storm drain, grading and demolition, coordination of surveying tasks, and BIM, and construction staking requests. Annie will provide engineering design and surveying support services to the project. **She will be approximately 45% committed.** Her experience includes:

- San Diego County Unit 6 Extension Road, Sewer and Water Improvements: Project Manager
- OMWD SEJPA Recycled Water Connection on Leucadia Boulevard: Project Manager
- San Diego International Airport, Terminal 2 West Landside/Civil: Project Engineer
- City of Carlsbad As-Needed Utility Locating & Surveying Services: Project Manager

Hudson Safe-T-Lite Rentals
Traffic Control Plans (Low Volume Streets)
City of San Diego Certified SLBE



Hudson Safe-T-Lite Rentals has over fifty years of experience designing traffic control plans, handling traffic through and around construction areas, and providing traffic control devices for rent or purchase. Hudson provides immediate response with on-call service 24 hours a day, 7 days a week. The company prepares traffic plans and provides all required devices, and its technicians route traffic safely through lane closures, detours, and street and freeway closures. If field conditions warrant a change in plans, Hudson's technicians are trained to adjust as necessary to adequately safeguard the public. Upon project completion, Hudson removes all traffic control quickly and safely so normal traffic can resume. Alternatively, the company can deliver devices to the jobsite and pick up at the job's completion, if there is a crew already dedicated.

Global Environmental Network, Inc.
Storm Water Pollution Prevention Plans
California Certified DVBE



Global Environmental Network, Inc. (GENI) has been offering a broad range of environmental, health, safety and industrial hygiene services for over 19 years. It's staff is comprised of Certified Industrial Hygienists, Certified Asbestos Consultants, Lead Inspectors, Safety Specialists & Auditors, Geologists, Civil/Environmental Engineers, and Highly Skilled EH&S Instructors. GENI's team of stormwater specialists provides SWPPP QSD / QSP Services and Training for a myriad of project types. GENI develops comprehensive, practical and cost effective Storm Water Management Plans and Storm Water Pollution Prevention Plans. Its staff is experienced in all stages of development process from initial concept to final completion to ensure compliance with stormwater regulations.





TECHNICAL APPROACH & DESIGN CONCEPT

Proposed Design Concept

Replacement of water distribution and sanitary sewer mains within an impacted residential community requires a coordinated plan to address the major technical elements associated with the project. The design-build delivery method selected for this project will facilitate development of this plan. RBF's designers and TC's construction team will work together from the outset of the project to address the technical challenges of this project in a cost-efficient manner. Our technical implementation plan will be coordinated with the City's project team and other affected City departments, specifically the Water OPS division and the Metro wastewater collections staff.

Specific technical issues to be addressed include:

1. Pipeline Alignment, Sizes and Location of Appurtenances - Water

The new water mains for the project will be installed to follow existing alignments as noted in the RFP and new alignments to improve distribution looping within the system. New PVC piping will comply with the City's approved materials list and specifically AWWA Standard C-900 for mains 12" in diameter and less and C-905 for 16" PVC piping. Pressure class for all new piping will conform to PC 235 which is sufficient for pressure zones included with this project. New 16" piping will be installed with a minimum cover of 5 feet as required by Addendum no. 4. This requirement presents some technical challenges that must be addressed in the design phase.

The depth is deeper than the existing pipe being replaced, which impacts crossing utilities and connections to branch pipelines. Typical infrastructure design has the water piping above the storm drain and sewer main piping, and most neighborhoods within the City have followed this convention. By lowering the water main, storm drain and sewer piping have the potential to conflict at crossings, and since the latter pipes are gravity, profile adjustment can only be made with the water main. If the water main drops below these gravity pipes, then CA Department of Health Separation Criteria Guidelines must be considered. Under these circumstances, the water main must then be installed at a depth approaching 10 feet, which Water OPS does not prefer due to future maintenance access issues. The design team will investigate these situations and develop appropriate design solutions. An option the City has implemented recently for these situations is to specify ductile iron pipe with concrete encasement. This allows the water main to be installed at a shallower depth than 5 feet, yet provides the structural loading needed for these large diameter mains.

There is also the need to replace short sections of asbestos cement (AC) pipe under this project. TC has extensive experience handling, containing, bagging and disposing of this material at an approved hazardous disposal facility.

All appurtenances on the existing water main will also be replaced in-place. This includes fire hydrants, blow-off valves, water services, meter boxes and isolation valves. Our design team has evaluated the individual areas for the project for hydrant spacing as noted in Addendum no. 4 and included the placement of new hydrants as appropriate. These locations are noted in the individual project area discussion. The design will also provide by-pass valves all 16" butterfly valves in accordance with the City design guidelines and 2012 Standard Drawing SDW-154.

It is intended that all above-grade appurtenances, such as fire hydrants and meter boxes will be replaced in the same location. Any air & vacuum valves that are currently below grade will be replaced with above-grade installations in compliance with current Department of Health standards. Clamshell type steel enclosures will be used on all new air & 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.



2. Pipeline Alignment, Sizes and Location of Appurtenances - Sewer

Sewer improvements required under Group Job 946 will be designed in accordance with the City's sewer design manual, approved materials list and 2012 City of San Diego's Standard Drawings for Public Works Construction. New SDR 35 pipe is proposed for these installations, though depth of cover and pipe loading will be evaluated in each situation to confirm this strength classification. Manholes in accordance with standard drawing SDS-107 will be provided. Our detailed approach for the two sewer improvements included in the project are noted below.

SEWER IMPROVEMENT AREA, GROUP JOB 946, SITE 1

The work is located near the intersection of Boston Ave. and S. 44th St. and is intended to abandon 210 feet of existing 8" sewer within a backyard easement and replace it with a new 8" PVC sewer within Boston Ave. Replumb of the existing sewer laterals will be required. The RFP documents indicate that replumb of 6 laterals will be required, 3 redirected to Boston Ave. and 3 redirected to Z St. From our site inspections, there is a 5 foot elevation difference between the residences that front Boston Ave. and Z St. We plan to confirm the residences along Z St. are currently connected to the easement sewer. The new work includes a new dead-end manhole, installation of 300 feet of 8" PVC sewer, connection to the existing manhole within Boston Ave. and the re-plumbs as appropriate. Geotechnical and archaeological monitoring during construction will be required for this new alignment. Paleontological monitoring is not proposed since the new sewer will be less than 10 feet deep.

The existing 8" easement sewer will be slurry filled and we will investigate the potential to abandon an additional 110 feet of sewer on S 44th St. as it may no longer be needed with the easement sewer out of service. The work is located within a residential neighborhood. Engineered traffic control plans will not be required.

SEWER IMPROVEMENT AREA, GROUP JOB 946, SITE 2

The work is located in two segments along Home Ave., between Ash St. and Spillman Dr. Segment 1 requires the replacement of approximately 824 feet of 15" sewer, 3 manholes, reconnection of 4 laterals and connection to an existing manhole at Ash St. Segment 2 requires the replacement of approximately 800 feet of 8" sewer, 5 manholes, reconnection of 4 laterals and reconnection to two branch sewer lines at the manhole at Gateway Dr. The quantity of laterals to be replaced must be confirmed as the As-built drawings indicate additional laterals where originally installed. Home Ave. is a four-lane thoroughfare with a median turning lane. Engineered traffic control plans will be required for these two installations.

Through our review of the City's sewer map book for the Segment 1 area, it appears a short segment of 15" sewer south of Ash St. that is not included with the project. We propose this section should be considered for replacement to complete the work in this area. The map book also indicates a drop manhole at the last (northerly) manhole on Segment 1. The design team will evaluate the potential to remove the drop connection.

3. Water System Improvements

WATER IMPROVEMENT AREA, GROUP JOB 946, SITE 1

Site 1 is divided into 4 subareas, Areas A through D.

Area A is a short (150') replacement along 35th St., between the Trolley tracks and Tompkins St. The work will include a new 8" cross at 35th St and Tompkins St., 4 new gate valves, 1 new fire hydrant, re-connects back to the existing 6" AC pipe on the branch lines and installation of 150 feet of 8" PVC to just outside the casing under the trolley tracks. Four cut and plugs will be provided to take this pipe section out of service. Highlining will not be required as there are no existing service laterals off this section of water main.



Area B is a multi-street segment bounded by 43rd St. and Maxim St. along K St. New 8" PVC replacements are provided on 43rd St., 44th St., Maxim St., and K St. A new section of 8" PVC will be provided along K St. between 43rd St. and Carlos St. to improve the distribution system. All existing hydrants and water services along these sections will be replaced. A new hydrant is proposed on 43rd St. to meet the 450 foot spacing criterion noted in Addendum no. 4. All other streets were reviewed for this design element and determined to be in compliance. Cut and plugs will be provided by the contractor to take pipe sections out of service. To ensure adequate pressure, we propose to stagger the work so only one connection to the 12" pipeline is out of service at a time. This will require the work on 43rd St. and 44th St. to be performed separately. The new pipe alignment along K St. will require geotechnical investigation and archaeological monitoring during construction.

Area C contains two pipeline replacement runs along 42nd St., south of Ocean View Blvd., and along 45th St., south of T St. The work on 42nd St. will replace approximately 980 feet of existing 6" pipe with 8" PVC, replace two existing fire hydrant assemblies; add a new hydrant to meet the spacing criterion; replace existing water services; and add a new main line valve at the mid-point to comply with the City's water design guideline for valve spacing. Cut and Plugs will be provided to take the entire line out of service and highlines will be provided on each end to ensure sufficient water service during construction.

The work on 45th St. will replace 2,650 feet of 16" pipe with 16" PVC, make numerous branch line connections, replace one existing fire hydrant assembly and add one new hydrant, replace all existing water services and provide a new butterfly at the south end where the pipeline begins its crossing under the I-805 freeway. For the eight branch line connections, we propose to extend the work beyond the intersection boundary to avoid disturbing the intersection during future water main replacements. This will be especially critical at the 45th St. and Logan Ave. intersection. Engineered traffic control plans will be provided for the work at this intersection. New valves will be provided on each leg of the branch line connections. Cut and plugs will be used to take the entire section out of service at one time. Highlines will be provided from the side streets to ensure adequate water service during construction. Special attention will be given to maintaining water service to the Willie Henderson Sport Complex adjacent to the project site.

Site D is located along Ebbs St. where a new dual piping system will be provided to create a distribution loop and allow abandonment of the existing 6" easement pipe. Special attention will be given to maintaining the required separation criteria for the dual water main in the 35-foot-wide street. Existing service laterals on the easement main will be re-plumbed to the water main in the right-of-way. We will investigate these laterals to confirm they are all still active. New 8" PVC piping will be installed within Ebbs St., along with replacement of all water services, replacing two fire hydrant assemblies and valving to permit isolation of each main. The work will be performed under one phase construction phase.

WATER IMPROVEMENT AREA, GROUP JOB 946, SITE 2

This work consists of water system upgrades along Home Ave., north of Highway 94; along Federal Blvd., south of Highway 94; and along 39th St. between Broadway and Hilltop St.

The work along Home Ave. will replace approximately 2,300 feet of 16" cast iron pipe with 16" PVC and 680 feet of 12" cast iron with 12" PVC along Ash St. and 38th St.; replace 3 existing fire hydrant assemblies; add two new fire hydrants; and replace all water and fire services. The work will require multiple phases to ensure water service is maintained to the Terrace View Villas Apartment complex and the commercial area off Ash St. Engineered traffic control plans will be required for the work within Home Ave. The work in this section will terminate at the Highway 94 bridge crossing. We also propose for added value to extend the branch lines connections beyond the limits of Home Ave. to facilitate future water improvement work.



The work along Federal Blvd., south of Highway 94 will consist of replacing the existing 16" cast iron pipe from the Highway 94 bridge to the intersection of 39th St. and C (paper street) with 16" PVC; installation of new 12" PVC along a new alignment in Federal Blvd.; and replacement of 8" piping with 12" PVC along the continuation of Federal Blvd. until the pipe crosses Highway 94. The new alignment within Federal Blvd. will require geotechnical testing and archaeological monitoring during construction. A new hydrant assembly is proposed along Federal Blvd. at the extension of B St. and we propose the existing hydrant at the paper street intersection of 39th St. and C St. be removed or converted to a blow-off as this location is inaccessible to fire trucks and its use is questionable during an emergency. A replacement hydrant near the end of the C St. cul-de-sac should be considered though the distribution main is only 6" at this location. Installing a new hydrant on the Federal Blvd. pipeline would be of limited value since the elevation difference between these two streets is 35 feet. The work will include replacing all water services along Federal Blvd. and installing a new 12" main line isolation valve at the mid-point and where it crosses under Highway 94 on the west end. New butterfly valves will be provided on each side of the Highway 94 overpass at the connection to the existing steel pipe designated to remain in place. Revegetation plans will be developed for the canyon area disturbed by construction.

Phasing of the work will be required to maintain water service to area near B St. and Qual St.

The work described above is illustrated on Exhibit 1.



Exhibit 1 – Proposed Water System Improvements along Federal Blvd. (South)



The work along 39th St between Broadway and Hilltop Dr. is the replacement of a 16" cast iron pipe with a new 16" PVC main. This section is a transmission main and no service laterals or hydrants are connected. The branch connection at Broadway will be re-installed using an 8" cross. The work requires the removal of an existing 12" side outlet connection to the 30" Bonita Pipeline and installation of a new 16" side outlet connection in its place. Specialty connection measures are required to make a connection to the existing 30" rod wrapped steel cylinder pipe. These measures will be detailed on the construction plans. Cut and plugs will be required to make the Broadway branch line connection. No highlines are needed on this segment.

WATER IMPROVEMENT AREA, GROUP JOB 949

This work consists of water system upgrades along Skyline Dr. from Woodman St. to Gribble St., and along Tuther Way and Cielo Dr. The City has provided 60% design plans for this work detailing the alignment, depth of installation, location of existing utilities and water service replacements. RBF will utilize these plans to complete the design process consistent with City standards. The work also includes the removal and replacement of the existing pressure reducing station (PRS) at the intersection of Cielo Dr. and Skyline Dr. In accordance with Addendum no. 4, electrical and instrumentation systems (SCADA) are not required at this PRS.

The pre-design maps for this site indicate the need for a parallel 16" main to be installed along Skyline Dr. The 60% plans show the new main along a new alignment to support the parallel main concept. However, the 60% plans also show an abandoned pipeline along the majority of the Skyline Dr. alignment. We propose to review the proposed alignment and consider the option of moving the new main to replace the abandoned main. This would eliminate the need for construction monitoring and the geotechnical investigation as the trench would be previously disturbed.

4. Traffic Control Approach

This plan will also be developed in conjunction with the phasing plan. Traffic control elements will be developed with the assistance of the City's Traffic Department and the Field Engineering staff. Engineered Traffic Control Plans will be provided where traffic volumes warrant. For other project site areas, traffic control plans will be submitted through Field Engineering as a shop drawing. Specific project sites where engineered traffic control plans will be provided include Home Ave. (water and sewer), 42nd St. and Ocean View Blvd. intersection, 45th St. and Logan Ave. intersection, and Skyline Dr. Site specific elements will be incorporated in the traffic control plan for each project area at intersections within Skyline Dr. and Woodman St. intersection, the PRS replacement at Skyline Dr. and Cielo Dr., and maintaining access to individual residences throughout the construction period. Traffic and construction coordination will also be required for the various schools, churches and community centers along the project alignments. Our Traffic Control Engineer, **Dawn Wilson, P.E.** and designer, **Hudson Safe-T-Lite**, have extensive experience preparing similar plans for City Water and Sewer Group Jobs.

5. Quality Assurance / Quality Control Plan

The design review process implemented for this project will incorporate an intensive in-house review, constructability review and subconsultant peer review, in addition to the milestone submittal reviews performed by the City. The in-house review will follow the Quality Assurance/Control Plan developed specifically for this project and utilize an ongoing "over the shoulder" involvement of the Design Manager/Project Engineer and the Project Manager. Our QA/QC plan will be consistent with the standards employed by the City's QC Division.

The Construction Manager and his staff will provide constructability input. Community and environmental impact issues will also be identified early to assure that those impacts are minimized and communicated early through community outreach efforts and comply with environmental clearance documents.





Specific elements of the QA/QC will include the following:

- Review of pipeline design plans and details.
- Coordination of traffic control plans with pipeline design plans and ensure phasing schemes are consistent.
- Confirmation that geotechnical information is incorporated into the project design.
- Confirmation that the highline plan meets Fire Department guidelines, all service laterals are maintained and the plans are consistent with the phasing plan.
- Review and confirmation of hydraulic calculations.
- Coordination of street resurfacing, water quality, horizontal control alignment plans for consistency with pipeline plans.
- Check that all reference documents are in conformance with the RFP.

Prior to each design milestone submittal, RBF's **Joel Bowdan, PE**, will perform a QC review of the documents consistent with the submittal level. The review will focus on the submittals compliance with City design standards, CAD drafting standards and constructability. This step will also identify any issues, which may require a City variance. Those issues will be documented separately and specifically brought to the City's attention. This is a critical step in allowing the City review process to be efficient and expeditious. Joel will maintain a review and comment form to track comments and ensure their resolution.

RBF's recent work on the Water Group 554 and 555 and Harbor Drive CIP projects will provide the TCDB Team with a quick start on CAD drafting and design standards. All CAD standard questions were resolved during these projects and all plotting standards for the plan set submittals have been confirmed.

Upon receipt of the City's milestone submittal comments, appropriate revisions will be incorporated into the construction documents. In addition, a log of comments will be created and a report prepared indicating the disposition of the comment. The report will be delivered along with the next milestone submittal. The typical City milestone submittal schedule will be followed during this project. However, it is hoped that sufficient pipeline design and detail will be complete at the 90% milestone to justify the City issuing a "Notice to Proceed", allowing construction to commence. If this can be accomplished, a significant time savings may result.

A final QC effort will be performed during the preparation of the as-built drawings. This process will use the red-line mark-up drawings maintained by TC Construction during construction and approved by the City's Resident Engineer. Once the changes are shown on the design drawings, the QC engineer will review the corrections for compliance and issue a draft set to the City's Project Manager for review. Upon approval, mylar as-built drawings will be prepared for each project site.

6. Paving Restoration

All pavement removed during trenching operations will be restored in accordance with the applicable standard drawings of the City of San Diego, which are based on the street classification and the type of pavement that was removed. Full depth AC patches in accordance with Standard Drawing SDG-107, Type A are proposed for asphalt street and concrete trench patches per Standard Drawing SDG-108 will be used for existing concrete streets. As described in the RFP, final surface restoration will consist of an AC overlay for all affected streets with exception to the portion along Skyline Dr. between Lausanne and Gribble St. This section will receive an overlay under another City project. Our work will repair all surface damage from construction activities followed by a slurry seal over the project area. All existing traffic striping and pavement markers will be replaced following the pavement repairs. We plan to use Trupave paving fabric for approximately 30% of the AC overlay areas. These areas will be determined by the Engineer of Record based on the existing street condition.



7. Water Highlining Plan for Each Site

This plan will work with the phasing plan to identify the locations of temporary cut and plugs and/or cut-in locations, which TC Construction will install to isolate segments under construction. The cut and plug plan will include pressure testing, disinfections and flushing procedures and thrust restraint measures. Highline plans will be developed for each site and coordinated with the Fire Department for approval. A similar approach was performed on the Water Group Jobs 554 and 555 projects. As discussed in the individual site discussions above, phasing of the projects is critical to ensure adequate water supply is provided to all customers during construction. This is especially critical on the long pipeline runs, like Home Ave., where large properties have multiple connections to the pipeline being replaced. The plan will ensure that the work is properly phased and appropriate cut and plug locations are identified to maintain service.

8. Phasing of Design and Construction Work of Each Site

Phasing of each site will be developed as discussed above with consideration to maintaining adequate water service to all customers during construction. TC Construction proposes to complete each site sequentially to avoid any overlapping impact of working on multiple sites simultaneously. Once water and sewer service is restored within a project area, the pipeline construction crew will move on to the next site. A surface restoration crew will lag the pipeline crew to complete all surface restoration work. The preliminary project phasing plan is included with the project schedule enclosed with this proposal and will be updated as part of the 30% design submittal package.

Design work that requires long lead times, such as permitting with Caltrans, will be identified as initial task items.

9. Curb Ramp Installation and/or Modification

New curb ramps and curb ramp modifications will be provided as described in the ADA compliance report provided with the RFP and as developed through our site investigations during the preparation of this proposal. A curb ramp upgrade sheet(s) will be included in the design drawings for each Group Job plan set and will include design details to ensure compliance with the latest ADA standards. We have identified a total of 96 curb ramps that need to be upgraded, of which 26 need site specific topographic survey and design services to ensure compliance with ADA guidelines and match to existing improvements. RBF's recent work on the Harbor Drive Pipelines project required a number site specific design elements to remove existing improvements, such as drainage inlets and the performance of ramp reconstruction at the required elevations to meet longitudinal path of travel and cross slopes. Additionally, pedestrian push button pedestal upgrades, area of refuge improvements and sidewalk reconstruction were designed to meet current ADA standards. This work required coordination and approval from the City's ADA Compliance Office. RBF and TC Construction performed similar improvements in 2012 as part of the Balboa Park and Mission Bay Park parking lot upgrades projects. Existing historic stamps encountered along the various project sites will be protected or cast back into sidewalk improvements.

10. Phasing and Coordination with Adjacent Projects

The 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, Bernard Powell, 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.



An equally important element of the Phasing Plan is the identification of the transfer of services from the highline to the new main. This is an area of specific concern to the residents and has been an issue on the Water Group 554 design-build project. Residents see much of the new pipeline work completed, they see a new trench patch. If the highline is not removed soon thereafter, they begin to question what is happening and wonder why the City isn't working to complete this project. We appreciate this concern and propose to work diligently to complete the highline transfer process as soon as possible.

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 by allowing the hydrotest flushing water to run down the gutter into the storm drain system, TC will implement a system of flowmeters and fire hoses to accurately monitor the volume of water used during this procedure and pipe the water directly to the storm drain discharge point.

11. Storm Water Pollution Control Best Management Practices (BMP)

TC is intimately familiar with the need for, and importance of, installing appropriate BMP's for linear construction projects. For this project, it is especially important as storm runoff from the project area will ultimately end up in San Diego Bay. TC has an outstanding track record for installing and maintaining BMP's on similar City of San Diego Water and Sewer Group Job projects, and is knowledgeable of the City's specification for stormwater and erosion control measures.

Water pollution control plans will be developed for each project site to show the location of existing drainage facilities, direction of flow and proposed BMP measures. These plans will be included in the Water Pollution Control Plan (WPCP) prepared for the project.

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.

12. Subsurface Investigation and Geotechnical Work

Geotechnical investigations will be performed by **VO Engineering** to document existing soil conditions where new pipeline alignments are proposed. VO will conduct a minimum of 8 soil borings along Boston Ave., Federal Blvd., K St. and Skyline Dr. at locations identified by the RBF design team. This information will be used to classify the soil and confirm soil bearing capacity values used in the thrust block design.

Potholing of existing utilities will be performed during the design phase of the project following mark-up by USA Dig-Alert. All potholing work will be performed by TC's in-house crews at the direction of the RBF design team. A pothole log will be provided to the City Resident Engineer. Potholes will be surveyed and tied to the project survey file.

13. Proposed Design Schedule

The schedule submitted under the Construction Plan identifies the proposed design schedule along with key milestone submittal dates and community group meetings planned for this project. The three project areas will be designed as separate drawing sets to allow the City to approve them independently. This will expedite the design process and allow construction to proceed more quickly. Since Group Job 949 is roughly 60% complete, we propose to complete this plan set first followed by 946, Site 1 and Site 2, respectively.



CONSTRUCTION PLAN

Proposed Construction Plan

Construction of the Group Jobs 946 and 949 Design-Build projects will require an integrated approach of the design team, City OPS staff, City Field Engineering staff and the entire TC construction team. Though mostly a linear project, where phases of work must be completed in sequence, the project will require many coordination elements, look-ahead planning and, most importantly, experience gained on similar projects to reach a successful outcome.

The TCDB Team Construction Plan includes a number of key elements that will be employed to expedite the completion of the project and minimize impacts to the community. Specific construction elements include:

1. Construction Approach and Methods

We propose to begin construction immediately following the approval of the 100% plans. During the design phase of this section, 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; and hold the initial community group meetings with Paradise Hills Planning Committee, Southeastern San Diego Planning Group, Mid-City/Eastern Area Communities Planning Group and City Heights Area Planning Committee. 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.

We propose to have multiple crews working within each area. In general the following crews will be on-site.

- saw-cutting crew
- pipeline installation crew
- service and hydrant installation crew
- paving crew
- clean-up crew

Other key elements of the Construction Plan include:

2. Plan for Operation of Facilities During Construction

TC Construction crews will be performing the highline installation service transfers and cut and plug work and anticipate that this work will be complete on Sunday evenings to minimize the impact of the water service shutdown. All cut and plug work will be identified on the detail project schedule and the look ahead schedule updated weekly. Approval of the cut and plug schedule will be obtained from the City's Resident Engineer prior to construction.

TC will also coordinate with property owners with fire services as the fire services will be not be operational while the water main replacement work is in progress. In such instances, the phasing plan will be developed to minimize this service outage.

3. Plan for Phasing of Construction Activities

Project phasing will be developed during the design phase based on the highline and cut and plug plans. TC's construction manager, will work closely with RBF's design team to develop this plan and obtain approval from City staff. This interaction during the design phase will allow the implementation during construction to proceed smoothly.



Construction phasing will be implemented on a site-by-site basis beginning with the more simple locations within Group Job 946, Site 1 and proceeding to 946, Site 2 then to 949. Pipeline construction will be complete and service restored before our pipeline crews move to the next site. Our surface restoration crews and ADA upgrades crews will follow behind the pipeline crews to complete the work at each site.

4. General Plan for Functional Testing and Start-up

The project requires replacement of existing water and sewer pipelines and installation of new pipelines in a variety of locations. Functional testing of all new pipelines will be performed on a site-by-site basis before the construction crews de-mobilize from the site and move onto the next location within the project. All service transfers will be completed following the functional testing. In essence, the project will proceed sequentially as a number of individual projects with each individual location receiving approval from the Resident Engineer.

5. Proposed Safety Program

Safety awareness is the key to a successful project. TC has adopted proven methods that stress the importance of our safety culture. For example, all new employees are required to wear yellow hard hats, while seasoned employees wear white hard hats. This little difference enforces the need to pay special attention to these individuals until they are fully trained in the safe performance of their tasks.

TC has developed a comprehensive program that defines the roles of management and employees for providing a safe work environment. Our program:

- Defines formal responsibility for accident prevention;
- Provides accident prevention policies and training for both supervisors and employees;
- Establishes guidelines for pre-project planning including all applicable regulations;
- Outlines specific requirements and checklists for conducting daily job site safety inspections;
- Includes education regarding emergency procedures and location of urgent care facilities;
- Provides educational material for holding daily and weekly Tailgate Safety Meetings;
- Includes strict policies and procedures for investigating and reporting accidents;
- Includes a drug and alcohol testing program that includes pre-employment, post-accident and testing for cause;
- Provides an employer provided Employee Assistance Program; and
- Recognizes significant improvement and continued success in safety performance.

Safety training is conducted in English and Spanish by in-house instructors. The staff includes three OSHA Outreach Instructors, two Equipment Instructors and a Fleet Instructor who provide employees with scheduled training and on the job mentoring. Job specific safety is a weekly activity topic of our Tailgate Safety Meetings.

All new employees, regardless of their experience, are required to attend "New Hire Safety Training." Supervisors receive additional training for Competent Person, Trench and Excavation, Confined Space, CPR and First Aid, OSHA 10 Hour and Storm Water Pollution Prevention Program (SWPPP).

A detailed project-specific Safety Plan will be developed upon contract award.

TC Construction Company received the **2007 and 2008 Associated General Contractors San Diego Construction Safety Excellence Award** for the "Heavy" category, 700,001 to 1 Million Man Hours Worked.



6. Proposed Emergency Response Plan

A key element of our site specific-safety plan is the Emergency Response Plan. We recognize that there are inherent risks associated with infrastructure construction and a proactive emergency response is critical to effectively and safely deal with emergency situations. Our project specific emergency response plan identifies the nearest hospital, fire station and police station relative to the project's location and appropriate phone numbers, recommended evacuation routes and possible hazards associated with the project. As a standard practice, we review the location of existing high-pressure gas mains as this presents the greatest safety exposure to our employees during trenching operations. Other high-risk elements include:

- Location of overhead electrical lines
- Sanitary sewer mains and sewage spills
- Contaminated soil
- Trenching shoring
- Traffic control
- Equipment failure
- Chemical handling
- Pressure testing operations

Our plan designates **Mr. Steve Coker** as the competent person in charge of maintaining and implementing our emergency response plan. Steve has more than 26 years of construction safety experience and serves as TC's Safety Director. He has worked on numerous similar infrastructure improvement projects for the City of San Diego and is very knowledgeable of the City's health and safety requirements.

7. Water Highlining Plan for Each Site

TC will work with the RBF design team to develop the highline plan in the most efficient manner possible. TC has installed highline piping on numerous similar water group jobs for the City and understands the standard of practice for this work. Highlines crossing streets will be buried in a shallow trench, and adequate thrust support will be provided and maintained through the highlines operation. We will have crews available 24/7 to provide immediate response to any service outage or repair.

8. Phasing of Design and Construction Work of Each Site

Phasing for each site is discussed in Item 6 of the Proposed Design Concept.

9. Proposed Construction Schedule

The schedule on Page 28 identifies the proposed phasing plan and the key milestones planned for this project. We are proposing to complete the project 8 months ahead of the allowable time noted in the RFP. To help expedite the project, we are proposing to begin the materials procurement process following the 75% design phase approval and order the USA Dig-Alert mark-out service to begin 2 months prior to the start of construction. Our goal is to complete all the pre-construction activities during the design phase, which will allow us to mobilize for construction immediately following the final design approval. Final schedule attached.

TC Construction is flexible with the schedule proposed and has the resources (labor and equipment) available to utilize multiple pipeline installation crews to shorten the schedule considerably, up to 6 months, should funding and City resources be available to accommodate this production effort. We will be pleased to discuss a more aggressive schedule with the City's project manager.



10. Traffic Control Management

All pipeline construction work will be performed under an approved traffic control plan. RBF's in-house traffic engineer, Dawn Wilson, P.E. will prepare the plans needed for the high traffic volume streets on the project, such as Home Ave. and Skyline Dr. Our SLBE traffic control subcontractor, Hudson Safe-T-Lite, will prepare plans needed for the low volume streets. Our traffic control design team is very familiar with the City standards and will coordinate with City staff to develop a concept approach prior to proceeding with the final design. Plans will cover the individual project phasing, access to bus stops, pedestrian access and any signal modifications needed.

TC Construction will install and maintain the traffic control devices shown on the approved plans. This includes daily set-up and removal around the immediate work area. TC's crews are instructed to work with the public to ensure public safety is a number 1 consideration. In residential neighborhoods, our crews are also taught to provide immediate access to homeowners. This philosophy is all part of TC's good neighbor policy.

Where trench plates are used to cover open excavations during non-work hours, TC's construction superintendent is responsible for placing adequate support around the plate to prevent movement. This is part of the superintendent's check-list before leaving the site for the work shift.

Traffic control management continues during the pavement restoration and pavement striping process to protect newly placed surfaces as well the workers on site.

11. Community Impact

The pipelines being replaced are located in established neighborhoods. Keeping the community informed about projects, especially ones that have experienced prolonged impacts due to other issues, helps reduce complaints and potential project delays due to community opposition. All construction projects bring with them inconveniences such as noise, traffic congestion and dust. To the extent these inconveniences can be mitigated through good, two-way communication, the project will proceed more smoothly with less negative attention from the community, media and elected officials.

Experience has shown that our effort to inform the community in advance of construction goes a long way to mitigate questions/complaints during construction. Our approach will also be sensitive to scheduled community events, such as charity walks, farmer's markets and holiday festivities. The schedule for such events will be identified in the master project schedule and the construction activities will be arranged accordingly to minimize any impact. Our Community Liaison will initiate the dialogue with the organizers of these events to ensure all parties are properly notified of the activities being planned and on what dates.

Project Coordination

Overall project coordination will be the responsibility of the Project Manager, Austin Cameron, and the Engineering Design Manager, John Harris, P.E. These individuals 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 RFP, City standard policies and procedures and will set the guidelines to be followed by the rest of the team.

Over the past 10 years, Austin and John have developed a strong professional and personal relationship. Austin and John will discuss the project status at weekly meetings at TC's office. These meetings are typically supplemented by emails and phone calls through the week as necessary to ensure the project stays on schedule.



Team experience will also play a critical role in project coordination. The four key individuals of the TC/RBF team combine for more than 100 years of City of San Diego pipeline construction experience. This collection of knowledge is our foundation to ensure proper coordination.

There are a number of entities that will be involved in the project coordination element of this project and each the ability to delay the project if coordination/approval is not performed efficiently. Some of these entities include:

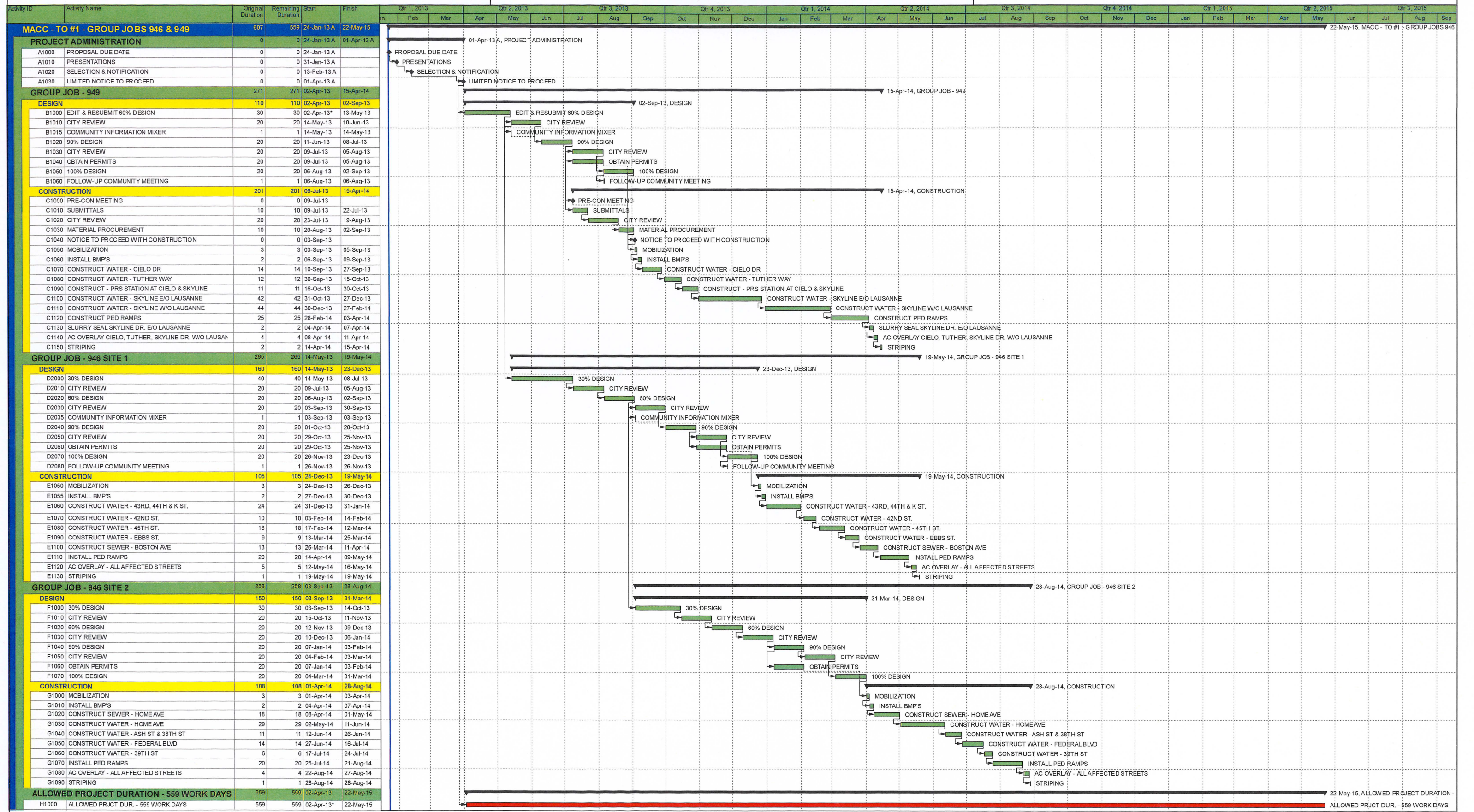
- City of San Diego – Right-of-Way Engineering Division
- City of San Diego – Water System Operations Division
- City of San Diego – Traffic Engineering Department
- City of San Diego – Field Engineering Division
- City of San Diego – Wastewater: Concurrent sewer improvement projects
- Various Community Planning Groups as mentioned above
- San Diego Gas & Electric
- Cox Cable TV
- AT&T Telephone
- USA Dig-Alert – Sufficient lead time must be provided to complete the mark-outs
- Neighborhood Schools – We will coordinate with impacted schools along the pipeline alignments. Coordination will include one-on-one meetings with school officials to communicate construction activities. Meetings will be scheduled proactively, rather than solely in response to issues that identified by schools.

Coordination between drawings and specifications will be a joint effort between RBF's design QA/QC manager and the TC's Project Manager. RBF's QA/QC manager will be responsible for consistency between the plans and specifications while Austin's role will ensure the plans and specifications are consistent with the City's construction standards and the requirements of the RFP.

Review comments and questions developed during the course of the project will be logged on a comment spreadsheet for each design submittal. The tracking log will identify the individual responsible for the comment/question and how the comment was resolved and where in the drawings or specifications the action has been taken. A combined spreadsheet will be developed following the final design approval, which will be used to categorize comments by drawing sheet number or specification section. Data sorting and/or key word searching can then be used to retrieve comments, if needed in the future.

Construction coordination between TC's staff and sub-contractors/material suppliers is achieved on every TC project through biweekly field meetings and two-week look-ahead schedule updates. Long lead time delivery items are noted at bid time and appropriate notations are included in the project schedule. Purchase orders and subcontractor agreements all indicate the delivery and/or expected mobilization and completion schedules. Any adjustment to these schedules is communicated via schedule updates.

TC is highly selective with its core group of subcontractors and has developed a strong relationship with each firm. These relationships facilitate communication and interaction. There is mutual trust and commitment to work together to successfully complete each project. Our Project Manager will be responsible for this coordination effort and he will share this effort with his field superintendents and site foremen as these individuals are on the front line daily with our subcontractors. Demanding accountability at all levels of the TC organization has led to more than 35 years of success and will serve us well on these projects as well.



█ Actual Work
 █ Critical Remaining Work
 ▶ Summary
█ Remaining Work
 ◆ Milestone



Challenges / Issues

Each project site contains a unique set of design challenges and issues, which can be summarized as follows:

GROUP JOB 946, SITE 1 – SEWER

The work will abandon an existing sewer that is located within an easement and install a new sewer line within Boston Ave. to take its place. The primary issue at this site is the topographic elevation change between the residences that front Boston Ave. and those that front Z St. Investigations need to be performed early in the design phase to confirm the residences along Z St. flow to the easement sewer. We propose to review CCTV video to determine the number and location of connecting sewer laterals on the easement sewer. Once confirmation is made, we can develop the re-plumb design approach. The affected residences are single family homes along Boston Ave. and duplex structures on Z St. Coordination with the owners and/or tenants will be required to plan and complete the re-plumb effort with minimal damage and disruption to these residences.

GROUP JOB 946, SITE 1 – WATER

The four sites that make up this work are typical residential neighborhoods and do not pose significant challenge for this type of construction. As mentioned earlier, a key issue will be the phasing plan to ensure a sufficient supply of water is maintained to all residences. The plan (along with the highline plan) will be developed as part of the 30% design phase and submitted for approval by Water OPS and the Fire Department.

Work in heavily traveled intersections such as 42nd St. and Ocean View Blvd., and 45th St. and Logan Ave. will require engineered traffic control plans, coordination with MTS for bus route impacts, and attention toward pedestrian safety when working on ADA improvements. To facilitate future water system improvements, we propose to extend any branch line connections beyond the limits of intersections.

Work along 45th St. will create some impact to the Willie Henderson Sport Complex. Our construction crews will maintain access to this facility at all times and will coordinate with the facility manager to understand event schedules and any major planned events that should be avoided in the schedule. The highline plan for this site must also consider the large volume of water needed for irrigation and highline system designed accordingly.

GROUP JOB 946, SITE 2 – SEWER

The work requires replacement of approximately 800 feet of 8" sewer and 800 feet of 15" sewer along Home Ave. between the I-805 and Hwy 94 freeways. Issues to address include traffic control as Home Ave. is a heavily traveled thoroughfare; coordination with Caltrans; and confirmation of sewer laterals to install. Engineered traffic control plans will be prepared by RBF's traffic design engineer for approval by the City Traffic Department. We anticipate that traffic control devices will encroach into Caltrans jurisdiction for Hwy 94 and their approval will be required as well. Understanding the process with Caltrans could be lengthy; this work will be an immediate priority following the notice to proceed. Our review of as-built drawings and the City's sewer maps shows a discrepancy in the number of existing sewer laterals. We propose to review the City's CCTV video to confirm the number of active laterals and replace those accordingly.

GROUP JOB 946, SITE 2 – WATER

The work requires replacement of 12" and 16" water pipelines along Home Ave. on the north and south sides of Hwy 94. Similar traffic control and Caltrans coordination issues, as described for the sewer work, will be present for this work. Work with Caltrans will require more integration as the project will connect on each side to the existing 16" pipeline in the Hwy 94 overpass. We propose much of this work in the area will be performed at night to minimize traffic impacts adjacent to the freeway.



The intersection of Home Ave. and Ash St. is immediately adjacent to the Hwy 94 on-ramp and overpass. This area will require a number of ADA pedestrian ramp improvements. We propose to coordinate this work through the City's Access compliance office and Caltrans.

GROUP JOB 949 – WATER

The work requires the installation 8" and 16" water mains along Skyline Dr., Tuther Way and Cielo Dr. Skyline Dr. is a major thoroughfare requiring engineered traffic control plans. The work crosses in front of a number of schools, which will require coordination with the schools' principals. Our community outreach liaison will facilitate this interaction. The new 16" main on Skyline Dr. will parallel an existing 42" water main. There are numerous crossings of the 42" pipe which will require field investigations to ensure no conflicts will occur between the two pipelines.

In addition to the individual site challenges, there are a number of common issues that the TCDB team will address, such as:

- ⇒ **Staging of equipment and materials in residential areas.** TC will look to obtain a vacant parcel in the vicinity of the project to store these items and minimize the use of City right-of-way. We have identified a number of potential sites in the project area and will work to secure a temporary lease for the duration of the work. This approach benefits the public and allows TC to provide additional security.
- ⇒ **ADA compliance upgrades will be extensive.** We have identified nearly 100 locations where existing pedestrian ramps must be removed, replaced and/or more extensive design/construction upgrades are needed. For 26 of these sites additional topographic survey work will be performed to accurately depict the existing site conditions.
- ⇒ **The RFP requires by-pass valves to be installed on all 16" butterfly valves.** TC's proposal is consistent with this requirement. From recent experience on other City of San Diego projects, there seems to be an inconsistent application of this requirement and we propose that the City reconsider this requirement as a value engineering solution. The cost/benefit consideration of this requirement is worth over \$200,000.
- ⇒ **Another value engineering consideration is the requirement to use asphalt overlay for all streets affected by the project.** TC's proposal is consistent with this requirement. However, many streets are in good condition and slurry seal would be an appropriate restoration solution. Slurry seal is used on many other City projects under similar conditions. This VE option also has the potential to save the City over \$200,000.

Community Outreach and Public Relations Program

Our Community Outreach plan will focus on a proactive approach to educate the community of the extent of impact and its duration. The TCDB Team will work with City staff to conduct community relations, starting with the design phase and continuing through construction. Although a specific work plan will be developed in consultation with city staff following a notice to proceed, the following are recommended elements:

Vic Salazar Communications is designated by the TC Design Build team to serve as the Community Liaison for this project. Vic Salazar Communications has worked closely with the City of San Diego's Engineering and Capital Improvement Department Public Information Officers in the implementation of public information and outreach programs for several other current projects.



The WHITEBOOK (2012 edition) requirements for Community Relations and Public Outreach will be followed. We will also creatively integrate the needs of the community into the design of the Project. We will seek feedback through community meetings during the design phase to identify major community issues. We will meet with the following key stakeholders: Paradise Hills Planning Committee (William Penick, Chair), Southeastern San Diego Planning Group (Maria Riveroll, Chair), Mid-City/Eastern Area Communities Planning Group (Laura Riebau, Chair), and City Heights Area Planning Committee (Patty Vaccariello, Chair).

Because the project on Skyline Ave. will pass by Morse High, Freese Elementary and Fulton Elementary, we will work with the San Diego Unified School District's Communications Officer, Linda Zintz, and the schools' principals to coordinate schedules. Our preference is to modify our construction schedule as we approach the school zones to work during vacation periods to the greatest extent possible. The projects are also on public bus routes and we have identified the point of initial contact at MTS as Dennis Diamond, Manager of Planning to determine if any adjustments are necessary to the bus stop locations. Work will also impact the Willie Henderson Sport Complex which is a vital part of the community. The outreach plan will include communications with the director of the complex and work to avoid conflicts with major events.

Finally, we will work with Scott Robinson and Racquel Vazquez, the Public Information Officers for Engineering and Capital Projects, to not only keep the City informed, but more importantly - the public. All outreach collateral to residents and businesses within 300 feet of the project will be cleared through the PIO's office in order to speak with "one voice".

Informational Materials – Fact Sheet:

We will develop an easy to read fact sheet, which will be distributed to affected property addresses fronting the pipeline alignment. The fact sheet will explain the project by neighborhood and address questions and concerns that residents, businesses or other facilities may have. We will provide project contact names and numbers so that residents and business owners have easy access to sources of information, which helps build trust and rapport. The Fact Sheet will function as the first in the series of project newsletters and also be usable throughout the project timeframe as a handout. Materials will be translated as needed by the consultant team. A sample of the Fact Sheet is at right.

The TCDB Team will work with City staff to confirm the mailing list developed by the city to affected properties/residents in the construction areas. We will also create an additional



City of San Diego
Water Main Replacement
Encanto and Southeastern San Diego | Project 555
Water Group 905CI | Construction Update Newsletter



FINAL UPDATE Spring 2009

Construction News You Can Use!

"Working together to engineer a better tomorrow."

- » Bikeways
- » Fire stations
- » Libraries
- » Parks
- » Police stations
- » Sewer facilities
- » Street improvement cuts
- » Street lights
- » Traffic signals
- » Underground utilities
- » Water facilities



Construction Updates

Construction is complete and more sufficient curb banks are installed in Encanto and Southeastern San Diego. However, construction crews began work on a section of 36th Street between National Avenue and Acacia Grove Way in mid-January. The project team added this segment of work into the current job after a recent water main break. The team anticipates completion of the 36th Street job by June. Repavement of all Encanto and Southeastern San Diego areas will occur in June of this year when warmer weather arrives.



Temporary water pipeline connections ensured water reliability during construction along La Paz Drive.

If any water leaks are observed when construction crews are not in the area, call our emergency line at (619) 482-2076 and reference Water Group 905CI. For general information, call (619) 533-4207.

Water Main Replacement Projects Save Money

The Nov. 22 edition of Parade Magazine featured water main breaks as a massive concern and epidemic nationwide as many of the country's cast iron pipes date back a century or more. Last October, water main breaks in Boston, Tampa and San Antonio wasted millions of gallons of water. According to the Environmental Protection Agency, it will cost \$277 billion to fix the nation's infrastructure, and the amount of water lost annually equates to the amount of water used by Californians. While water main construction projects may create a short term of inconvenience for some, water main collapses are far more costly than scheduled replacement projects, avoid untimely headaches and prevent regrettable water loss.

To view the full article, visit www.parade.com/intel. Click on "More Intel Reports" and select, "Our Crumbling Water Pipes."



Crews work to replace old cast iron pipes with new pipes.

Community Group and Business Outreach

To ensure proper notification took place, the project team presented to the Valencia Park Town Council, Southeastern San Diego Planning Committee and the Coalition of Neighborhood Councils last fall. Additionally, team representatives visited multiple businesses along the alignment to distribute materials to business owners and answer their questions.

continued on page 2

If you have any questions about this project, please call our public information line at (619) 333-4207 or visit us online at www.sandiego.gov/engineering-clp.





distribution list of key stakeholders and neighborhood leaders in the three project neighborhood. We will coordinate the design, printing and mailing of the Fact Sheet for its use as the first project newsletter.

Construction Notices – Door Hangers: The TCDB Team will prepare a master format and wording for door hangers to be customized with dates and locations and distributed in advance of work along the pipeline route, according to the construction schedule. The method of customization can be adding hand-written dates and times for the work in a specific geographic area onto the master door hanger format. If water service will be discontinued temporarily for the work, the door hangers will address this with ample notice.

The distribution timeframe for the door hangers will be determined by the project team and it is assumed that the contractor will handle the distribution. The TCDB Team will coordinate the design and printing of the door hangers. We will keep in close contact with the construction team to ensure residents are given as much notice as possible for water shut downs and other significant inconveniences.

Community Group Meetings: The TCDB Team will attend appropriate community planning group meetings (a minimum of 2 meetings are planned) to present the project before construction begins. Keeping these groups informed about the project will be essential to identifying concerns early in the process when they can be more easily addressed. These groups are also a conduit to the City Council offices and local media.

One-on-One Meetings: The TCDB Team will identify and coordinate up to eight one-on-one meetings as needed with impacted school officials, churches, apartment managers, businesses, residents and representatives of other organizations to communicate project information, discuss construction impacts and mitigation and facilitate communication and resolution of issues. Meetings will be scheduled proactively, rather than solely in response to issues that have been identified by the public.

Community Requests for Information: The TCDB Team will coordinate, respond to and track community requests for information, complaints, etc. received at meetings and received by from project team members. Requests will be directed to the project team members for responses, when needed. Whenever possible, community inquiries will be handled by the project manager, who is very experienced in handling construction relations inquiries. Our program will include a project hot-line where citizens can ask questions regarding the project, upcoming schedule and report any concerns. A member of the TCDB team will respond to these inquiries within 24-hours.

Community Networking Event: As we committed during the initial MACC qualification process, TC Construction will sponsor a Community Information Mixer Event. This event will be used to inform the community of the upcoming work and discuss the initial design and construction process. We will answer design and construction related questions about the project. We also view this event as an opportunity to announce available job openings specific to this task order with the intent of hiring skilled and un-skilled workers from the immediate area. We propose to invite local non-certified SLBE/ELBE/DVBE businesses to attend the event and become aware of the City's small business program and discuss similar future subcontracting opportunities. TC will work with the City's EOCP office to help coordinate this event and will advertise in the community newspaper. We plan to hold the event at a community center, possibly the Joe & Vi Jacobs Center or Morse High School.

MACC is a Good Tool for the City: Our team recognizes that success on this first MACC task order will be critical to its continued use as a contracting vehicle for the City. To that end, we are committed to work closely with the community to minimize the potential for complaints back to City staff. We understand our role as ambassadors of the City when we are out on the streets and a little extra consideration toward the community will go a long way to make this program successful.

BIDDING DOCUMENTS

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<u>Name: RBF Consulting</u> Address: 9755 Clairemont Mesa Blvd. City: San Diego State: CA Zip: 92124 Phone: 858-614-5000	Designer	Civil Engineering/ Survey / Environmental Coordination	87.50%	OBE	N/A	
<u>Name: VO Engineering, Inc.</u> Address: 13230 Evening Creek Drive, Ste. 207 City: San Diego State: CA Zip: 92128 Phone: 858-888-0644	Designer	Geotechnical Engineering	3.63%	ELBE	CITY	
<u>Name: San Dieguito Engineering, Inc.</u> Address: 4407 Manchester Ave., Ste. 105 City: Encinitas State: CA Zip: 92024 Phone: 760-753-5525	Designer	Civil Engineering Support	5.04%	SLBE	CITY	

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<u>Name: Robcar Corp. dba Hudson SafeTLite</u> Address: 777 Gable Way City: El Cajon State: CA Zip: 92022 Phone: 619-441-3644	Designer	Traffic Control Plans	3.07%	SLBE	CITY	
<u>Name: Global Environmental Network, Inc.</u> Address: Box 8068 City: Fountain Valley State: CA Zip: 92728 Phone: 714-479-1199	Designer	Water Pollution Control Plans	.75%	DVBE	CADoGS	
<u>Name:</u> <u>Address:</u> <u>City: State:</u> <u>Zip: Phone:</u>						

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<u>Name: Vic Salazar Communications</u> Address: 2514 Jamacha Road #502-21 City: El Cajon State: CA Zip: 92019 Phone: 619-517-4744	Constructor	Community Liaison, Video Pre-existing conditions	.52%	ELBE	City	
<u>Name: Brian F. Smith & Associates</u> Address: 14010 Poway Rd., Suite A City: Poway State: CA Zip: 92064 Phone: 858-484-0915	Constructor	Archeo/Paleo Monitoring	.78%	SLBE	City	
<u>Name: Sealright Paving Co.</u> Address: PO Box 774 City: Bonita State: CA Zip: 91908 Phone: 619-479-6434	Constructor	AC Paving, AC Grinding, Pavement Fabric	13.90%	SLBE	City	

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<u>Name: Coastal Pipeline Services</u> Address: PO Box 235653 City: Encinitas State: CA Zip: 92023 Phone: 760-828-5174	Constructor	CCTV Pipelines for acceptance	.09%	ELBE	City	
<u>Name: YBS Concrete, Inc.</u> Address: 821 Kuhn Dr., Suite 209 City: Chula Vista State: CA Zip: Phone:	Constructor	Concrete Flatwork	3.80%	ELBE	City	
<u>Name: Southwest Traffic Signal Services</u> Address: 397 Raleigh Ave. City: El Cajon State: CA Zip: 92020 Phone: 619-442-3343	Constructor	Traffic Loops & Push Buttons	.37%	ELBE	City	

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Name: Luzaich Striping, Inc. Address: PO Box 2426 City: El Cajon State: CA Zip: 92021 Phone: 619-443-7755	Constructor	Striping	.44%	ELBE	City	
Name: G. Scott Asphalt, Inc. Address: 358 Trousdale Dr. City: Chula Vista State: CA Zip: 91910 Phone: 619-420-1854	Constructor	Slurry Seal	1.11%	SLBE	City	
Name: R & C Structures, Inc. Address: 1615 La Mirada Dr. City: San Marcos State: CA Zip: 92078 Phone: 760-744-3355	Constructor	Manholes	.57%	OBE	N/A	

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- | | | | |
|---|--------|--|---------|
| 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 is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego 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 subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification (except for OBE, SLBE and ELBE).

BIDDING DOCUMENTS

DESIGN-BUILD LIST OF SUBCONTRACTORS TO BE INCLUDED IN THE TECHNICAL (NON- PRICE) PROPOSAL ONLY

In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act", Division 2, Part 1, Chapter 4 of the Public Contract Code, the Design-Builder shall list below the name and address of each Subcontractor who will perform work, labor, render services or specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Design-Builder's total Proposal. The Design-Builder shall also list below the portion of the work which will be done by each Subcontractor under this contract. The Design-Builder shall list only one Subcontractor for each portion of the Work. The **PERCENT VALUE** of the total Proposal to be performed shall be stated for all Subcontractors listed. Failure to comply with this requirement may result in the Proposal being rejected as **non-responsive** and ineligible for award. The Design-Builder's attention is directed to the Special Provisions - General; Paragraph 2-3 Subcontracts, which stipulates the percent of the Work to be performed with the Design-Builders' own forces. The Design-Builder shall list all SLBE, ELBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors that the Design-Builder are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	TYPE OF WORK	PERCENT VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, WoSB, HUBzone, OR SDVOSB	WHERE CERTIFIED	CHECK IF JOINT VENTURE PARTNERSHIP
Name: J. Cloud, Inc. Address: 2094 Willow Glen City: El Cajon State: CA Zip: 92019 Phone: 619-593-1856	Constructor	Trucking	1.08%	SLBE	City	
Name: Bramko Ind. dba Day & Night Power Sweeping Address: 1235 Pierre Way City: El Cajon State: CA Zip: 92021 Phone: 619-440-6193	Constructor	Street Sweeping	.31%	SLBE	City	
Name: Address: City: State: Zip: Phone:						

① As appropriate, Design-Builder shall identify each Subcontractor as on 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 is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego 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 subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification (except for OBE, SLBE and ELBE).

Form Title: DESIGN-BUILD LIST OF SUBCONTRACTORS TO BE INCLUDED IN THE TECHNICAL (NON-PRICE) PROPOSAL ONLY

Form Number: AA15

Attachment D

Water GJ949 and Water & Sewer GJ946 Design-Build Project

BIDDING DOCUMENTS

DESIGN-BUILD NAMED EQUIPMENT/MATERIAL SUPPLIER LIST TO BE INCLUDED IN THE TECHNICAL (NON-PRICE) PROPOSAL ONLY

The Design-Builder seeking the recognition of equipment, materials, or supplies obtained from Suppliers towards achieving any mandatory, voluntary, or both subcontracting participation percentages shall submit with the Proposal the Named Equipment/Material Supplier List. The Named Equipment/Material Supplier List, at a minimum, should have the name, locations (City) and the **PERCENT VALUE** of the Suppliers. The Design-Builder will be credited up to 60% of the amount to be paid to the Suppliers for such materials/supplies unless vendor manufactures or substantially alters materials/supplies in which case 100% will be credited. The Design-Builder shall indicate (Yes/No) whether listed firm is a supplier or manufacturer. In calculating the subcontractor participation percentages, vendors/suppliers will receive 60% credit of the listed **PERCENT VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed **PERCENT VALUE** for purposes of calculating the subcontractor participation percentages, Suppliers will receive 60% credit of the listed **PERCENT VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed **PERCENT VALUE** for purposes of calculating the subcontractor participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	MATERIALS OR SUPPLIES	PERCENT VALUE OF MATERIALS OR SUPPLIES	SUPPLIER (Yes/No)	MANUFACTURER (Yes/No)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, WoSB, HUBzone, OR SDVOSB ^①	WHERE CERTIFIED ^②
Name: F&L Fuels & Lubricants Corp. Inc Address: 1635 W. Gaylord St. City: Long Beach State: CA Zip: 90813 Phone: 562-432-1301	Diesel	1.20%	Yes	No	DVBE	CADoDS
Name: J. Cloud, Inc. Address: 2094 Willow Glen City: El Cajon State: CA Zip: 92019 Phone: 619-593-1856	Aggregates	.88%	Yes	No	SLBE	City
Name: Address: City: State: Zip: Phone:						

① As appropriate, Design-Builder shall identify each Subcontractor as on 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 is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego 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 subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification (except for OBE, SLBE and ELBE).

Form Title: DESIGN-BUILD NAMED EQUIPMENT/MATERIAL SUPPLIER LIST TO BE INCLUDED IN THE TECHNICAL (NON-PRICE) PROPOSAL ONLY

Form Number: AA30

Attachment D

Water GJ949 and Water & Sewer GJ946 Design-Build Project

California Certification Report

33839 - F & L COMPANY - DVBE

Legal Business Name	F&L FUELS & LUBRICANTS CORP INC		
Doing Business As	F & L COMPANY		
Address	1635 W GAYLORD ST	Phone	(562) 432-1301
	LONG BEACH, CA 90813	FAX	(562) 435-3236
Email	tectyl@msn.com		
Web Page	http://www.Mil-SpecProducts.com		
Active Certifications	DVBE Mar 8, 2011 - Mar 31, 2013		
Business Types	Non-Manufacturer;		
Classifications	[151015] Petroleum and distillates		
Keywords	Shell Oil Petroleum Gasoline Diesel Asphalt Asphalt Emulsions Tack Coat Oil Lubricating Card Lock Fuel Grease Mil Spec Petroleum Bulk Deliveries Corrosion Preventives Fuel Filtering CORROSION RUST PREVENTATIVES COOLANTS VCI COMPOUNDS FUEL		

GENI – PROPOSAL - Project No. 283272

 State of California • Arnold Schwarzenegger, Governor • State and
Consumer Services Agency
DEPARTMENT OF GENERAL SERVICES • PROCUREMENT DIVISION
Office of Small Business and DVBE Services
707 Third Street, 1st Floor, Room 400 • West Sacramento, CA 95605
Phone (916) 375-4940 Fax (916) 375-4950 www.dgs.ca.gov

Jan 3, 2012

SB / DVBE APP

Supplier #24765
GLOBAL ENVIRONMENTAL NETWORK INC
P O BOX 8068
FOUNTAIN VALLEY CA 92728-8068

Dear Business Person:

Congratulations on your certified small business / certified Disabled Veteran Business Enterprise (DVBE) status with the State of California. Your certification entitles you to benefits under the state's Small Business Participation Program within state contracting, including a five percent bidding preference and special provisions under the Prompt Payment Act.

Certification Period

From Jan 3, 2012 to Jan 31, 2013

Business Types

Construction
Service
Non-Manufacturer

Classifications

321518 - Safety control devices	771016 - Environmental planning
411126 - Hygiene monitoring and testing equipment	771017 - Environmental advisory services
422715 - Respiratory monitoring products	771018 - Environmental auditing
423015 - Aids for medical training	771115 - Environmental safety services
432325 - Educational or reference software	771215 - Air pollution
461615 - Traffic control	771216 - Soil pollution
461616 - Water safety	771217 - Water pollution
461815 - Safety apparel	771315 - Oil pollution
461816 - Safety footwear	771316 - Noise pollution
461817 - Face and head protection	771317 - Toxic substances pollution
461823 - Fall protection and rescue equipment	801015 - Business and corporate management consultation services
461824 - Decontamination aids and safety cleaning equipment	801115 - Human resource development
551217 - Signage	801116 - Temporary personnel services
721517 - Safety and security system installation services	811015 - Civil engineering
771015 - Environmental impact assessment	811022 - Transportation engineering
	861018 - In service training and manpower development

Proof of Certification Status

To verify your firm's small business certification status go to

<http://www.eprocure.dgs.ca.gov/default.htm> and select "SB/DVBE Search." Certification

✓ Valid
(5)

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
Contract Specialist: Claudia Abarca
Email: CAbarca@sandiego.gov
Phone No.: 619) 533-3439, Fax No.: 619-533-3633
AB/MM/EZ



PROPOSAL DOCUMENTS

FOR

MULTIPLE AWARD CONSTRUCTION CONTRACTS (MACC) FOR WATER, WASTEWATER, AND STORMWATER PROJECTS

TASK ORDER: Water GJ949 and Water & Sewer GJ946
TASK ORDER NO.: 01
RFQ NO.: 12MCL100
RFP NO.: 01
PROPOSAL NO.: K-13-5845-MAC-3-C
SAP NO. (WBS/IO/CC): B-11045, B-11042, B-12071
CLIENT DEPARTMENT: PUD
COUNCIL DISTRICT: 3, 4
PROJECT TYPE: KB, JA

THIS TASK IS SUBJECT TO THE FOLLOWING:

- PHASED FUNDING
- SMALL AND LOCAL BUSINESS ENTERPRISE (SLBE) PROGRAM
- MANDATORY USE OF APPRENTICES

THIS DOCUMENT SHALL BE SUBMITTED IN ITS ENTIRETY

PROPOSALS DUE:

**12:00 NOON
JANUARY 9, 2013**

Proposal Documents

The following forms must be completed in their entirety and submitted with the Proposal. Include the form(s) even if the information does not apply. Where the information does not apply write in N/A. Failure to include any of the forms may cause the Proposal to be deemed **non-responsive**. If you are uncertain or have any questions about any required information, contact the City no later than 14 Days prior to the due date of the Proposal.

1. Proposal	94
2. Non-Collusion Affidavit to be executed by Proposer and Submitted with Proposal under 23 USC 112 and PCC 7106	98
3. Contractors Certification of Pending Actions	99
4. Equal Benefits Ordinance Certification of Compliance.....	100
5. Design-Build Proposal	101
6. Price Proposal Forms (Design Build)	102
7. Form AA05 – Design-Build List of Subcontractors	104
8. Form AA15 - Design-Build List of Subcontractors.....	105
9. Form AA25 - Design-Build Named Equipment/Material Supplier List.....	106
10. Form AA30 - Design-Build Named Equipment/Material Supplier List.....	107

PROPOSAL DOCUMENTS

PROPOSAL

Design-Builder's General Information

To the City of San Diego:

Pursuant to the "Request for Proposal", specifications, and requirements on file with the City Clerk, and subject to all provisions of the Charter and Ordinances of the City of San Diego and applicable laws and regulations of the United States and the State of California, the undersigned hereby proposes to furnish to the City of San Diego, complete at the prices stated herein, the items or services hereinafter mentioned. The undersigned further warrants that this proposal is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the proposal is genuine and not collusive or sham; that the proposer has not directly or indirectly induced or solicited any other proposer to put in a false or sham proposal, and has not directly or indirectly colluded, conspired, connived, or agreed with any proposer or anyone else to put in a sham proposal, or that anyone shall refrain from proposing; that the proposer has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price of the proposer or any other proposer, or to fix any overhead, profit, or cost element of the proposal price, or of that of any other proposer, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the proposal are true; and, further, that the proposer has not, directly or indirectly, submitted his or her proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, proposal depository, or to any member or agent thereof to effectuate a collusive or sham proposal. The undersigned proposer (s) further warrants that proposer(s) has thoroughly examined and understands the entire Contract Documents (plans and specifications) and the Proposal Documents therefore, and that by submitting said Proposal Documents as its proposal, proposer(s) acknowledges and is bound by the entire Contract Documents, including any addenda issued thereto, as such Contract Documents incorporated by reference in the Proposal Documents.

IF A SOLE OWNER OR SOLE CONTRACTOR SIGN HERE:

- (1) Name under which business is conducted _____
- (2) Signature (Given and surname) of proprietor _____
- (3) Place of Business (Street & Number) _____
- (4) City and State _____ Zip Code _____
- (5) Telephone No. _____ Facsimile No. _____

IF A PARTNERSHIP, SIGN HERE:

- (1) Name under which business is conducted _____
- (2) Name of each member of partnership, indicate character of each partner, general or special (limited):

PROPOSAL DOCUMENTS

(3) Signature (Note: Signature must be made by a general partner)

Full Name and Character of partner

(4) Place of Business (Street & Number) _____

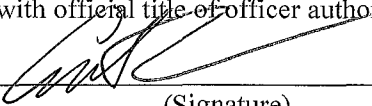
(5) City and State _____ Zip Code _____

(6) Telephone No. _____ Facsimile No. _____

IF A CORPORATION, SIGN HERE:

(1) Name under which business is conducted TC Construction Company, Inc.

(2) Signature, with official title of officer authorized to sign for the corporation:



(Signature)

Austin Cameron

(Printed Name)

Secretary

(Title of Officer)

(Impress Corporate Seal Here)

(3) Incorporated under the laws of the State of California

(4) Place of Business (Street & Number) 10540 Prospect Avenue

(5) City and State Santee, California Zip Code 92071

(6) Telephone No. (619) 448-4560 Facsimile No. (619) 448-3341

THE FOLLOWING SECTIONS MUST BE FILLED IN BY ALL PROPOSERS:

In accordance with the “**Request for Proposal**”, the proposer holds a California State Contractor's license for the following classification(s) to perform the work described in these specifications:

PROPOSAL DOCUMENTS

LICENSE CLASSIFICATION A, C-21

LICENSE NO. 402459 EXPIRES April 30, 2013

This license classification must also be shown on the front of the proposal envelope. Failure to show license classification on the proposal envelope may cause return of the proposal unopened.


TAX IDENTIFICATION NUMBER (TIN): [REDACTED]

E-Mail Address: acameron@tcincsd.com

BIDDING DOCUMENTS

THIS PROPOSAL MUST BE NOTARIZED BELOW:

I certify, under penalty of perjury, that the representations made herein regarding my State Contractor's license number, classification and expiration date are true and correct.

Signature Austin Cameron  Title Secretary

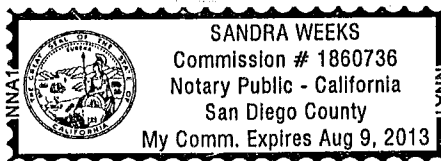
SUBSCRIBED AND SWORN TO BEFORE ME, THIS _____ DAY OF _____,

Notary Public in and for the County of _____, State of _____

(NOTARIAL SEAL)

State of California County of
San Diego
Subscribed and sworn to (or affirmed)
before me on this 22nd day of January 2013 by
Austin Cameron
proved to me on the basis of satisfactory evidence
to be the person(s) who appeared before me.
Signature Sandra Weeks

(Seal)



PROPOSAL DOCUMENTS

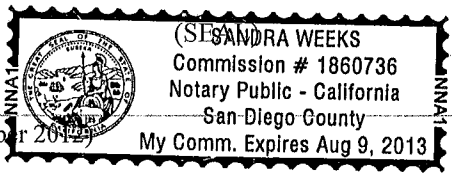
NON-COLLUSION AFFIDAVIT TO BE EXECUTED BY PROPOSER AND SUBMITTED WITH PROPOSAL UNDER 23 UNITED STATES CODE 112 AND PUBLIC CONTRACT CODE 7106

State of California)
County of San Diego, California) ss.

Austin Cameron, being first duly sworn, deposes and says that he or she is Secretary of the party making the foregoing proposal that the proposal is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the proposal is genuine and not collusive or sham; that the proposer has not directly or indirectly induced or solicited any other proposer to put in a false or sham proposal, and has not directly or indirectly colluded, conspired, connived, or agreed with any proposer or anyone else to put in a sham proposal, or that anyone shall refrain from proposing; that the proposer has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price of the proposer or any other proposer, or to fix any overhead, profit, or cost element of the proposal price, or of that of any other proposer, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the proposal are true; and further, that the proposer has not, directly or indirectly, submitted his or her proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, proposal depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

Signed: [Signature] Austin Cameron
Title: Secretary

State of California County of San Diego
Subscribed and sworn to (or affirmed) before me on this 22nd day of January, 2013 by Austin Cameron
proved to me on the basis of satisfactory evidence to be the person who appeared before me.
Signature Sandra Weeks
Notary Public



CONTRACTORS CERTIFICATION OF PENDING ACTIONS

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Design-Builder shall provide to the City a list of all instances within the past ten years where a complaint was filed or pending against the Design-Builder in a legal or administrative proceeding alleging that Design-Builder 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 Design-Builder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Design-Builder discriminated against its employees, subcontractors, vendors or suppliers.
- The undersigned certifies that within the past ten years the Design-Builder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Design-Builder 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: TC Construction Company, Inc.

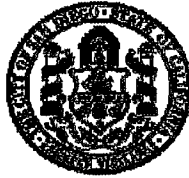
Certified By Austin Cameron Title Secretary


 Signature _____ Date January 21, 2013

USE ADDITIONAL FORMS AS NECESSARY

PROPOSAL DOCUMENTS

**EQUAL BENEFITS ORDINANCE
CERTIFICATION OF COMPLIANCE**



For additional information, contact:
CITY OF SAN DIEGO
EQUAL BENEFITS PROGRAM
 202 C Street, MS 9A, San Diego, CA 92101
 Phone (619) 533-3948 Fax (619) 533-3220

COMPANY INFORMATION

Company Name: TC Construction Company, Inc.	Contact Name: Austin Cameron
Company Address: 10540 Prospect Avenue, Santee, CA 92071	Contact Phone: (619) 448-4560
	Contact Email: acameron@tcincsd.com

CONTRACT INFORMATION

Contract Title: MACC: Water GJ949 and Water & Sewer GJ 946	Start Date: April 2013
Contract Number (if no number, state location): K-13-5845-MAC-3-C	End Date: TBD

SUMMARY OF EQUAL BENEFITS ORDINANCE REQUIREMENTS

The Equal Benefits Ordinance [EBO] requires the City to enter into contracts only with contractors who certify they will provide and maintain equal benefits as defined in SDMC §22.4302 for the duration of the contract. To comply:

- Contractor shall offer equal benefits to employees with spouses and employees with domestic partners.
 - Benefits include health, dental, vision insurance; pension/401(k) plans; bereavement, family, parental leave; discounts, child care; travel/relocation expenses; employee assistance programs; credit union membership; or any other benefit.
 - Any benefit not offer an employee with a spouse, is not required to be offered to an employee with a domestic partner.
- Contractor shall post notice of firm's equal benefits policy in the workplace and notify employees at time of hire and during open enrollment periods.
- Contractor shall allow City access to records, when requested, to confirm compliance with EBO requirements.
- Contractor shall submit *EBO Certification of Compliance*, signed under penalty of perjury, prior to award of contract.

NOTE: This summary is provided for convenience. Full text of the EBO and Rules Implementing the EBO are available at www.sandiego.gov/administration.

CONTRACTOR EQUAL BENEFITS ORDINANCE CERTIFICATION

Please indicate your firm's compliance status with the EBO. The City may request supporting documentation.

- I affirm **compliance** with the EBO because my firm (*contractor must select one reason*):
 - Provides equal benefits to spouses and domestic partners.
 - Provides no benefits to spouses or domestic partners.
 - Has no employees.
 - Has collective bargaining agreement(s) in place prior to January 1, 2011, that has not been renewed or expired.
- I request the City's approval to pay affected employees a cash equivalent in lieu of equal benefits and verify my firm made a reasonable effort but is not able to provide equal benefits upon contract award. I agree to notify employees of the availability of a cash equivalent for benefits available to spouses but not domestic partners and to continue to make every reasonable effort to extend all available benefits to domestic partners.

It is unlawful for any contractor to knowingly submit any false information to the City regarding equal benefits or cash equivalent associated with the execution, award, amendment, or administration of any contract. [San Diego Municipal Code §22.4307(a)]

Under penalty of perjury under laws of the State of California, I certify the above information is true and correct. I further certify that my firm understands the requirements of the Equal Benefits Ordinance and will provide and maintain equal benefits for the duration of the contract or pay a cash equivalent if authorized by the City.

Austin Cameron, Secretary		1/21/2013
Name/Title of Signatory	Signature	

FOR OFFICIAL CITY USE ONLY

Receipt Date: _____ EBO Analyst: _____ Approved Not Approved – Reason: _____

rev 02/15/2011

PROPOSAL DOCUMENTS


Design-Build Proposal

1. The undersigned, The Design-Builder proposes and agrees, if this Proposal is accepted, to enter into an agreement with the City in the form included in the Contract Documents to perform the Work as specified or indicated in said Contract Documents entitled Task Order 01 (TO-01) i.e., **Water Group 949 and Water & Sewer Group 946 Project**.
2. The Design-Builder accepts all of the terms and conditions of the Contract Documents, including without limitation those in the RFP.
3. This Proposal will remain open for the period stated in the RFP unless otherwise required by law. The Design-Builder will enter into an agreement within the time and in the manner required in the RFP and will furnish the insurance certificates, Payment Bond, and Performance Bond required by the Contract Documents.
4. The Design-Builder has familiarized itself with the nature and extent of the Contract Documents, Work, site, locality where the Work is to be performed, the legal requirements (federal, state and local laws, ordinances, rules, and regulations), and the conditions affecting cost, progress or performance of the Work and has made such independent investigations as The Design-Builder deems necessary.

To all the foregoing, and including all Proposal schedule(s) and information required of the Design-Builder contained in this Proposal Form, said The Design-Builder further agrees to complete the Work and Services required under the Contract Documents within the Contract Time stipulated in said Contract Documents, and to accept in full payment therefore the Contract Price based on the Total Proposal Price(s) named in the aforementioned Proposal schedule(s).

Dated: January 21, 2013

The Design-Builder: TC Construction Company, Inc.

By:  Austin Cameron
(Signature)

Title: Secretary

PROPOSAL DOCUMENTS

PRICE PROPOSAL FORMS

The Design-Builder agrees to the design and construction of Task Order 01 (TO-01) i.e., **Water Group 949 and Water & Sewer Group 946 Project**, for the City of San Diego, in accordance with these contract documents for the lump sum Design-Build Proposal prices listed below. The Design-Builder guarantees the lump sum Design-Build Proposal prices for a period of 120 Days (90 Days for federally funded contracts and contracts valued at \$500,000 or less) from the date Proposals are due until the award of the Task Order. The duration of the price guarantee shall be extended by the number of Days required for the City to obtain all items necessary to fulfill all conditions precedent e.g., bond and insurance.

Item No.	NAICS CODE	Description	Quantity	Unit	Unit Price	Extension
1	541330	Design Services	1	LS	 	\$ 371,400.00
2	237110	Construction Services	1	LS	 	\$ 7,774,050.00
3		City Contingency (See Section 1-2, "TERMS AND DEFINITIONS" in The WHITEBOOK for Allowances)	1	AL	 	\$800,000.00

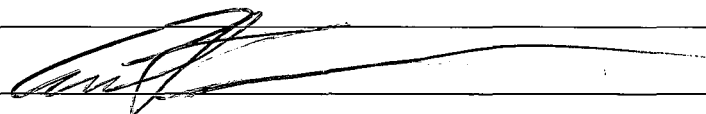
Total Design-Build Proposal Amount (Items 1 through 3, inclusive): \$ 8,945,450.00

Total Design-Build Proposal Amount (Items 1 through 3, inclusive) written in words:

Eight Million Nine Hundred Forty-five Thousand Four Hundred Fifty dollars and zero cents

The Design-Builder: TC Construction Company, Inc.

Title: Secretary

Signature: Austin Cameron 

The names of all persons interested in the foregoing proposal as principals are as follows:

Terry Cameron, President; Steve Coker, Vice President; Austin Cameron, Secretary-Treasurer; Derek Franken, Vice President

PROPOSAL DOCUMENTS

IMPORTANT NOTICE: If Design-Builder or other interested person is a corporation, state secretary, treasurer, and manager thereof; if a co-partnership, state true name of firm, also names of all individual co-partners composing firm; if Design-Builder or other interested person is an individual, state first and last names in full.

NOTES:

- A. After the selection has been made, the City may award the task order for the Base Proposal alone or if applicable, for the Base Proposal plus any combination of alternates selected in the City's sole discretion.
- B. Prices and notations shall be in ink or typewritten. All corrections (which have been initiated by the Design-Builder using erasures, strike out, line out, or "white-out") shall be typed or written in with ink adjacent thereto, and shall be initialed in ink by the person signing the Proposal.
- C. Failure to initial all corrections made in the proposal documents may cause the Proposal to be rejected as **non-responsive** and ineligible for award.
- D. Blank spaces must be filled in. The Design-Builder's failure to submit a price may render the Proposal **non-responsive** and ineligible for award.
- E. Proposals shall not contain any recapitulation of the Work. Conditional Proposals may be rejected as being **non-responsive**. Alternative proposals will not be considered unless called for.

BIDDING DOCUMENTS

DESIGN-BUILD LIST OF SUBCONTRACTORS TO BE INCLUDED IN THE PRICE PROPOSAL ONLY

In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act", Division 2, Part 1, Chapter 4 of the Public Contract Code, the Design-Builder shall list below the name and address of each Subcontractor who will perform work, labor, render services or specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Design-Builder's total Proposal. The Design-Builder shall also list below the portion of the work which will be done by each Subcontractor. The Design-Builder shall list only one Subcontractor for each portion of the Work. The **DOLLAR VALUE** of the total Proposal to be performed shall be stated for all Subcontractors listed. Failure to comply with this requirement may result in the Proposal being rejected as **non-responsive** and ineligible for award. The Design-Builder's attention is directed to the Special Provisions - General; Paragraph 2-3 Subcontracts, which stipulates the percent of the Work to be performed with the Design-Builder's own forces. The Design-Builder shall list all SLBE, ELBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors that the Design-Builder are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, WoSB, HUBzone, OR SDVOSB	WHERE CERTIFIED	CHECK IF JOINT VENTURE PARTNERSHIP
Name: RBF Consulting Address: 9755 Clairemont Mesa Blvd. City: San Diego State: CA Zip: 92124 Phone: 858-614-5000	Designer	Lead Designer/ Water Resources, Civil and Traffic, Engineering/ Stormwater/Survey	\$325,000	OBE	N/A	
Name: VO Engineering, Inc. Address: 13230 Evening Creek Drive, Ste. 207 City: San Diego State: CA Zip: 92128 Phone: 858-888-0644	Designer	Geotechnical Engineering	\$13,500	ELBE	CITY	
Name: San Dieguito Engineering, Inc. Address: 4407 Manchester Ave., Ste. 105 City: Encinitas State: CA Zip: 92024 Phone: 760-753-5525	Designer	Civil Engineering Support	\$18,700	SLBE	CITY	1,786,457 = .2298

① As appropriate, Design-Builder shall identify each Subcontractor as on 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 is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego 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 subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification (except for OBE, SLBE and ELBE).

Form Title: DESIGN-BUILD LIST OF SUBCONTRACTORS TO BE INCLUDED IN THE PRICE PROPOSAL ONLY

Form Number: AA05

Attachment D

Water GJ949 and Water & Sewer GJ946 Design-Build Project

BIDDING DOCUMENTS

DESIGN-BUILD LIST OF SUBCONTRACTORS TO BE INCLUDED IN THE PRICE PROPOSAL ONLY

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NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, WoSB, HUBzone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓐ]	CHECK IF JOINT VENTURE PARTNERSHIP
Name: Robcar Corp. dba Hudson SafeTLite Address: 777 Gable Way City: El Cajon State: CA Zip: 92022 Phone: 619-441-3644	Designer	Traffic Control Plans	\$11,400	SLBE	CITY	
Name: Global Environmental Network, Inc. Address: Box 8068 City: Fountain Valley State: CA Zip: 92728 Phone: 714-479-1199	Designer	Water Pollution Control Plans	\$2,800	DVBE	CADoGS	
Name: Address: City: State: Zip: Phone:						

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- | | | | |
|---|--------|--|---------|
| Certified Minority Business Enterprise | MBE | Certified Woman Business Enterprise | WBE |
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| 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 is certified by:
- | | | | |
|--|--------|--|----------|
| City of San Diego | CITY | State of California Department of Transportation | CALTRANS |
| California Public Utilities Commission | CPUC | San Diego 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 |

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BIDDING DOCUMENTS

DESIGN-BUILD LIST OF SUBCONTRACTORS TO BE INCLUDED IN THE PRICE PROPOSAL ONLY

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NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, WoSB, HUBzone, OR SDVOSB	WHERE CERTIFIED	CHECK IF JOINT VENTURE PARTNERSHIP
Name: Vic Salazar Communications Address: 2514 Jamacha Road #502-21 City: El Cajon State: CA Zip: 92019 Phone: 619-517-4744	Constructor	Community Liaison, Video Pre-existing conditions	\$41,000	ELBE	City	
Name: Brian F. Smith & Associates Address: 14010 Poway Rd., Suite A City: Poway State: CA Zip: 92064 Phone: 858-484-0915	Constructor	Archeo/Paleo Monitoring	\$60,972	SLBE	City	
Name: Sealright Paving Co. Address: PO Box 774 City: Bonita State: CA Zip: 91908 Phone: 619-479-6434	Constructor	AC Paving, AC Grinding, Pavement Fabric	\$1,080,734	SLBE	City	

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Woman-Owned Small Business	WoSB	HUBzone Business	HUBzone
Service-Disabled Veteran Owned Small Business	SDVOSB		

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City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego 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

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Form Title: DESIGN-BUILD LIST OF SUBCONTRACTORS TO BE INCLUDED IN THE PRICE PROPOSAL ONLY

Form Number: AA05

Attachment D

Water GJ949 and Water & Sewer GJ946 Design-Build Project

BIDDING DOCUMENTS

DESIGN-BUILD LIST OF SUBCONTRACTORS TO BE INCLUDED IN THE PRICE PROPOSAL ONLY

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NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, WoSB, HUBzone, OR SDVOSB	WHERE CERTIFIED	CHECK IF JOINT VENTURE PARTNERSHIP
Name: Coastal Pipeline Services Address: PO Box 235653 City: Encinitas State: CA Zip: 92023 Phone: 760-828-5174	Constructor	CCTV Pipelines for acceptance	\$6,807	ELBE	City	
Name: YBS Concrete, Inc. Address: 821 Kuhn Dr., Suite 209 City: Chula Vista State: CA Zip: 91914 Phone: 619-271-6122	Constructor	Concrete Flatwork	\$295,600	ELBE	City	
Name: Southwest Traffic Signal Services Address: 397 Raleigh Ave. City: El Cajon State: CA Zip: 92020 Phone: 619-442-3343	Constructor	Traffic Loops and Push Buttons	\$28,890	ELBE	City	

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- | | | | |
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| 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 is certified by:

- | | | | |
|--|--------|--|----------|
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| California Public Utilities Commission | CPUC | San Diego 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 |

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Form Title: DESIGN-BUILD LIST OF SUBCONTRACTORS TO BE INCLUDED IN THE PRICE PROPOSAL ONLY

Form Number: AA05

Attachment D

Water GJ949 and Water & Sewer GJ946 Design-Build Project

BIDDING DOCUMENTS

DESIGN-BUILD LIST OF SUBCONTRACTORS TO BE INCLUDED IN THE PRICE PROPOSAL ONLY

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Name: Luzaich Striping, Inc. Address: PO Box 2426 City: El Cajon State: CA Zip: 92021 Phone: 619-443-7755	Constructor	Striping	\$34,113	ELBE	City	
Name: G. Scott Asphalt, Inc. Address: 358 Trousdale Dr. City: Chula Vista State: CA Zip: 91910 Phone: 619-420-1854	Constructor	Slurry Seal	\$86,383	SLBE	City	
Name: R & C Structures Address: 1615 La Mirada Dr. City: San Marcos State: CA Zip: 92078 Phone: 760-744-3355	Constructor	Manholes	\$43,946	OBE	N/A	

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California Public Utilities Commission	CPUC	San Diego 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

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Form Title: DESIGN-BUILD LIST OF SUBCONTRACTORS TO BE INCLUDED IN THE PRICE PROPOSAL ONLY

Form Number: AA05

Attachment D

Water GJ949 and Water & Sewer GJ946 Design-Build Project

BIDDING DOCUMENTS

DESIGN-BUILD LIST OF SUBCONTRACTORS TO BE INCLUDED IN THE PRICE PROPOSAL ONLY

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NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, WoSB, HUBzone, OR SDVOSB	WHERE CERTIFIED	CHECK IF JOINT VENTURE PARTNERSHIP
Name: J. Cloud, Inc. Address: 2094 Willow Glen City: El Cajon State: CA Zip: 92019 Phone: 619-593-1856	Constructor	Trucking	\$84,262	SLBE	City	
Name: Bramko Ind. dba Day & Night Power Sweeping Address: 1235 Pierre Way City: El Cajon State: CA Zip: 92021 Phone: 619-440-6193	Constructor	Street Sweeping	\$23,750	SLBE	City	
Name: Address: City: State: Zip: Phone:						

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State of California's Department of General Services	CADoGS	City of Los Angeles	LA
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Form Title: DESIGN-BUILD LIST OF SUBCONTRACTORS TO BE INCLUDED IN THE PRICE PROPOSAL ONLY

Form Number: AA05

Attachment D

Water GJ949 and Water & Sewer GJ946 Design-Build Project

BIDDING DOCUMENTS

DESIGN-BUILD NAMED EQUIPMENT/MATERIAL SUPPLIER LIST TO BE INCLUDED IN THE PRICE PROPOSAL ONLY

The Design-Builder seeking the recognition of equipment, materials, or supplies obtained from Suppliers towards achieving any mandatory, voluntary, or both subcontracting participation percentages shall submit with the Proposal the Named Equipment/Material Supplier List. The Named Equipment/Material Supplier List, at a minimum, shall have the name, locations (City) and the **DOLLAR VALUE** of the Suppliers. The Design-Builder will be credited up to 60% of the amount to be paid to the Suppliers for such materials/supplies unless vendor manufactures or substantially alters materials/supplies in which case 100% will be credited. The Design-Builder shall indicate (Yes/No) whether listed firm is a supplier or manufacturer. In calculating the subcontractor participation percentages, vendors/suppliers will receive 60% credit of the listed **DOLLAR VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed **DOLLAR VALUE** for purposes of calculating the subcontractor participation percentages, Suppliers will receive 60% credit of the listed **DOLLAR VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed **DOLLAR VALUE** for purposes of calculating the subcontractor participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	MATERIALS OR SUPPLIES	DOLLAR VALUE OF MATERIALS OR SUPPLIES	SUPPLIER (Yes/No)	MANUFACTURER (Yes/No)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, WoSB, HUBzone, OR SDVOSB®	WHERE CERTIFIED®
Name: F&L Fuels & Lubricants Corp. Inc. Address: 1635 W. Gaylord St. City: Long Beach State: CA Zip: 90813 Phone: 562-432-1301	Diesel	\$93,440	Yes	No	DVBE	CADoGS
Name: J. Cloud, Inc. Address: 2094 Willow Glen City: El Cajon State: CA Zip: 92019 Phone: 619-593-1856	Aggregates	\$68,425	Yes	No	SLBE	City
Name: Address: City: State: Zip: Phone:						

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- | | | | |
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| Woman-Owned Small Business | WoSB | HUBzone Business | HUBzone |
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- | | | | |
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| California Public Utilities Commission | CPUC | San Diego 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 |

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Form Title: DESIGN-BUILD NAMED EQUIPMENT/MATERIAL SUPPLIER LIST TO BE INCLUDED IN THE PRICE PROPOSAL ONLY

Form Number: AA25

Attachment D

Water GJ949 and Water & Sewer GJ946 Design-Build Project

California Certification Report

33839 - F & L COMPANY - DVBE

Legal Business Name	F&L FUELS & LUBRICANTS CORP INC		
Doing Business As	F & L COMPANY		
Address	1635 W GAYLORD ST	Phone	(562) 432-1301
	LONG BEACH, CA 90813	FAX	(562) 435-3236
Email	tectyl@msn.com		
Web Page	http://www.Mil-SpecProducts.com		
Active Certifications	DVBE Mar 8, 2011 - Mar 31, 2013		
Business Types	Non-Manufacturer;		
Classifications	[151015] Petroleum and distillates		
Keywords	Shell Oil Petroleum Gasoline Diesel Asphalt Asphalt Emulsions Tack Coat Oil Lubricating Card Lock Fuel Grease Mil Spec Petroleum Bulk Deliveries Corrosion Preventives Fuel Filtering CORROSION RUST PREVENTATIVES COOLANTS VCI COMPOUNDS FUEL		

GENI – PROPOSAL - Project No. 283272



State of California • Arnold Schwarzenegger, Governor • State and
Consumer Services Agency
DEPARTMENT OF GENERAL SERVICES • PROCUREMENT DIVISION
Office of Small Business and DVBE Services
707 Third Street, 1st Floor, Room 400 • West Sacramento, CA 95605
Phone (916) 375-4940 Fax (916) 375-4950 www.dgs.ca.gov

Jan 3, 2012

SB / DVBE APP

Supplier #24765
GLOBAL ENVIRONMENTAL NETWORK INC
P O BOX 8068
FOUNTAIN VALLEY CA 92728-8068

Dear Business Person:

Congratulations on your certified small business / certified Disabled Veteran Business Enterprise (DVBE) status with the State of California. Your certification entitles you to benefits under the state's Small Business Participation Program within state contracting, including a five percent bidding preference and special provisions under the Prompt Payment Act.

Certification Period

From Jan 3, 2012 to Jan 31, 2013

Business Types

Construction
Service
Non-Manufacturer

Classifications

321518 - Safety control devices	771016 - Environmental planning
411126 - Hygiene monitoring and testing equipment	771017 - Environmental advisory services
422715 - Respiratory monitoring products	771018 - Environmental auditing
423015 - Aids for medical training	771115 - Environmental safety services
432325 - Educational or reference software	771215 - Air pollution
461615 - Traffic control	771216 - Soil pollution
461616 - Water safety	771217 - Water pollution
461815 - Safety apparel	771315 - Oil pollution
461816 - Safety footwear	771316 - Noise pollution
461817 - Face and head protection	771317 - Toxic substances pollution
461823 - Fall protection and rescue equipment	801015 - Business and corporate management consultation services
461824 - Decontamination aids and safety cleaning equipment	801115 - Human resource development
551217 - Signage	801116 - Temporary personnel services
721517 - Safety and security system installation services	811015 - Civil engineering
771015 - Environmental impact assessment	811022 - Transportation engineering
	861018 - In service training and manpower development

Proof of Certification Status

To verify your firm's small business certification status go to

<http://www.eprocure.dgs.ca.gov/default.htm> and select "SB/DVBE Search." Certification