

# City of San Diego

ORIGINAL

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# REQUEST FOR PROPOSAL (RFP) FOR



## Sorrento Mesa Recycled Water Pipeline

RFQ NO.:	12MCL100
PROPOSAL NO.:	K-15-1355-MAC-3
TASK ORDER NO.:	15
SAP NO. (WBS/IO/CC):	B-15080
CLIENT DEPARTMENT:	2013
COUNCIL DISTRICT:	6
PROJECT TYPE:	HC

### THIS TASK IS SUBJECT TO THE FOLLOWING:

- PHASED-FUNDING
- PREVAILING WAGE RATES: STATE  FEDERAL
- SMALL AND LOCAL BUSINESS ENTERPRISE (SLBE) PROGRAM
- MANDATORY USE OF APPRENTICES

### PROPOSALS DUE

12:00 NOON

JUNE 2, 2015

CITY OF SAN DIEGO

PUBLIC WORKS CONTRACTS

1010 SECOND AVENUE, 14<sup>th</sup> FLOOR, 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 No. **15, Sorrento Mesa Recycled Water Pipeline** (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** Orion Construction Corp./Balboa Construction, Inc. J.V. in association with Harris & Associates and Richard Brady & Associates
  - 1.2.3** Ortiz Corporation in association with AECOM
  - 1.2.4** 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 Task Order (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 (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 (base proposal only) including the City’s Contingency is **\$2,660,000.00**.

**3.0 CONTRACT TIME**

**3.1** The Project shall be completed within **240 Working Days** from the NTP.

**3.2** The Project Alternate 1 shall reduce the total contract time to **176 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 Task Order No. **15** will be according to the following tentative schedule:

- 5.1.1** Pre-Proposal Meeting May 13, 2015
- 5.1.2** Proposal Due Date June 2, 2015
- 5.1.3** Selection and Notification July 2, 2015
- 5.1.4** Limited Notice to Proceed August 4, 2015

**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	Subcontracting Requirement <sup>1</sup>
Design Services	4.70%	7.5%	1.60 %	<b>13.8 %</b>
Construction Services	6.00%	16.30%	4.00%	<b>26.3 %</b>

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-Builder's Proposals will be further evaluated for their commitment to the City's principles of equal opportunity as specified in this RFP. See Attachment "Proposal Submittal Requirements and Selection Criteria" for more information.

## **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 from 10:00 AM to 11:00 AM, on **May 13, 2015**, at 1010 Second Avenue 14<sup>th</sup> 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 Contracts at (619) 533-3450 at least 7 days prior to the Pre-Proposal Meeting 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 Contracts 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 contacting the Contract Specialist listed on the cover of the RFP.
- 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 Task Order, 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 and shall be limited to no more than 50 one-sided pages (8 1/2" x 11") inclusive of any cover sheets, resumes, graphics, forms, pictures, photographs, dividers, front and back cover and supporting documentation; exclusive of Equal Opportunity Contracting 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.

**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 C. The contents of the Proposal shall be organized consistent with the Attachment C.

### **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 E 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 'C' 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** The EOCP information (i.e., Subcontractors and Suppliers listings) 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 C, "Exceptions to the RFP" of the Proposal.

#### **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.

#### **12.6 Final Selection**

**12.6.1** Based on the Design-Builder's Proposal 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:

**12.6.1.1** 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:

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

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

**12.6.1.3** 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.

**12.6.1.4** 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  $(1 - ((105 - 100) / 100)) \times 60 = 57.00$  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 (60Max)	Total Score (100 Max)
A	85.00	34.0	\$105	57.00	91.00
B	88.00	35.20	\$130	42.00	77.20
C	50.00	20.00	\$100	60.00	80.00

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

**12.7 Use of Reference Documents and Pre-Design Reports**

**12.7.1** The City has made available Reference Documents related to the Project (see Bridging Documents). 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 under Section 12.6, "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.

**14.8 Prevailing Wage Rates:** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below.

**14.8.1 Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.

**14.8.1.1** Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at:

<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>.

Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.

**14.8.1.2** The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers

to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage rate shall apply to this Contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.

**14.8.2 Penalties for Violations.** Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed.

**14.8.3 Payroll Records.** Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.

**14.8.3.1** For contracts entered into on or after April 1, 2015, Contractor and their subcontractors shall furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.

**14.8.4 Apprentices.** Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.

**14.8.5 Working Hours.** Contractor and their subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on design professionals and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.

**14.8.6 Required Provisions for Subcontracts.** Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.

**14.8.7 Labor Code Section 1861 Certification.** Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that "I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for

workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract.”

**14.8.8 Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego's Equal Opportunity Contracting Department at 619-236-6000.

**14.8.9 Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. As of March 1, 2015, no contractor or subcontractor may be listed on a bid or proposal for a public works project unless registered with the DIR pursuant to Labor Code section 1725.5. As of April 1, 2015, a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, or enter into any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. By submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration to the City upon request.

**14.8.9.1** A Contractor's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.

## **15.0 PHASED FUNDING**

**15.1** For additional Phased Funding Provisions see Attachment B.

## **16.0 REQUIRED DOCUMENTS SCHEDULE**

**16.1** 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.

**16.2** 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		√
6.	PROPOSAL SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA10 - Design-Build List of Subcontractors Additive/Deductive Alternate		√
7.	PROPOSAL SUBMITTAL DATE/TIME	ALL DESIGN-BUILD FIRMS	Form AA25 - Design-Build Named Equipment/Material Supplier List		√
8.	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 -		
9.	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"> <li>• Joint Venture Agreement</li> <li>• Joint Venture License</li> </ul>		
10.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Contract Forms - Agreement		

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED	DOCUMENT DUE (AS CHECKED) WITH:	
				TECHNICAL PROPOSAL	PRICE PROPOSAL
11.	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		
12.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Certificates of Insurance and Endorsements		
13.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Contractor Certification - Drug-Free Workplace		
14.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Contractor Certification - American with Disabilities Act		
15.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Contractors Standards - Pledge of Compliance		
16.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Phased Funding Schedule Agreement (when required)		
17.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Pre-Award Schedule (Phased Funded Contracts Only)		
18.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY PROPOSER OF CONTRACT FORMS	APPARENT LOW DESIGN-BUILD FIRM	Form BB05 – Work Force Report		



## ATTACHMENTS

**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. Construct approximately 1.25 miles of 8-inch PVC recycled water pipeline along Lusk Blvd, McKellar Court, Pacific Heights Blvd., Barnes Canyon Rd. and Pacific Center Drive in Sorrento Mesa area.
- 1.2. The City desires to accelerate the delivery of this project. A reduction in the contract duration is included as an alternate item. See the following sections in this RFP for additional information:
  - a) Section 1.0, 'Introduction', 3.0, 'Contract Time', subsection 3.2, page 4.
  - b) Attachment F, PROPOSAL SUBMITTAL REQUIREMENTS AND SELECTION CRITERIA, 9.0 Schedule for Base Proposal and Alternate, page 118.
  - c) Attachment G, 'Proposal Forms', Alternate 1.

#### 2. Scope of Work: 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.

- 2.1. 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.
- 2.2. 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.
- 2.3. 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.
- 2.4. 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.

- 2.5.** 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.
- 2.6.** The Scope of Work and Services [Scope] shall also include but is not limited to the following:
  - 2.6.1.** Conducting investigations, as-built research, and design survey services including physical and aerial surveys if needed for the completion of design work;
  - 2.6.2.** Preparing & completing 30%, 60%, 100%, and Final design drawings. The Design-Builder is solely responsible for the preparation and completion of design plans for construction;
  - 2.6.3.** Obtaining plan check approvals; and providing engineering services during construction, startup, and testing;
  - 2.6.4.** Construction of water mains, 30 services, "killing" 10 water services at the main and appurtenances including all high-lining, cut and plug and cut ins;
  - 2.6.5.** Monitoring for potential of any hazardous materials and coordination with local resource agencies;
  - 2.6.6.** Value engineering;
  - 2.6.7.** Additional geotechnical investigation and potholing;
  - 2.6.8.** Performance and implementation of QA/QC,
  - 2.6.9.** Landscaping and re-vegetation plan;
  - 2.6.10.** Traffic control, paving, Slurry Seal all streets, storm water permitting and compliance. ;
  - 2.6.11.** Caltrans permit acquisition (if applicable);
  - 2.6.12.** Coordinating with the City Project and Construction Managers and other utility owners/contractors; Coordinate utility relocations with utility owners;
  - 2.6.13.** Coordinating with Qualcomm personnel for exact locations of recycled water service and meters. Contact is Alex Mathers, Facilities Design, at 1-858-845-2430; and
  - 2.6.14.** Scheduling, community outreach and public relations, and preparation of as-built drawings and mylars.

2.6.15. Construction will be performed during night. Night hours will be established during the traffic control review/permit process. Proposed day working hours will have to be approved by the City of San Diego, Construction Manager.

2.7. The Design-Builder shall use CADD in compliance with the City's "Consultant Standards for Preparation of PS&E."

2.8. 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."

2.9. 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 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 Public Works Department's 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 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 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. City's QA/QC checklists.

4.1.5. Access to Public Works Department'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. Design-Builder shall use Material Substitution request form included as part of Bridging Documents.
- 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 and 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 and 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, 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, and Water Pollution Control Plan (WPCP).

**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 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. The cost associated with implementing both the design and construction changes as a result of the Design-Builder modifications shall be the responsibility of the Design-Builder and will not be compensated by the City.

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: (NOT USED)**

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 the 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 the 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 the 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.
Project Name:
Name of Design Builder:

Reviewed and Approved for Conformance with the Contract Documents:

Printed Name: \_\_\_\_\_

By: \_\_\_\_\_  
(Signature)

Reference Drawing Sheet No's:

Reference Spec 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, curb ramps, abandonment plans 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.
- 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:

<b>30% Submittal</b>	
<b>Title Block:</b>	Drawing Number Title WBS Number
<b>General:</b>	North Arrow Scale
<b>Existing Plan:</b>	Ownership Lines Water Services and appurtenances



	Sewer Laterals and appurtenances Electric Lines, Boxes and Services Telco Lines, Boxes and Services Street Center Line Fire Services Lot Lines Right of Way Lines Street Names Stationing Trolley Tracks
<b>30% Submittal</b>	
<b>Existing Profile:</b>	Existing Water Mains Horizontal and Vertical Scale Elevation Scales Existing Grades / Existing Pavement Existing Utility Crossings with Elevations Street Names
<b>60% Submittal</b>	
<b>Title Block:</b>	Street Names and Limits
<b>General:</b>	Cover Sheet – Limits of Work
<b>Proposed Plan:</b>	Dimensioning Addresses Stationing Plugs and Dead End Details Recycled Pipe Sizes and Lengths
<b>Proposed Profile:</b>	Stationing Recycled Pipe Size and Lengths
<b>Final Submittal (100%)</b>	
<b>Title Block:</b>	Lambert Coordinates Designer's / Drafter's Name Number of Street
<b>General:</b>	Street Name (RT Margin) Proposed Pipe Data Table

	Proposed Coordinate Table Construction Notes Details Reference Data Retirement Data
<b>Proposed Plan:</b>	Special Plan Notes Subdivision Name Subdivision Map Number Block Numbers Street Closures Caution Call-outs Split-Property
<b>Final Submittal (100%)</b>	
<b>Proposed Profile:</b>	Special Profile Notes Traffic Control Plans
<b>Additional Sheets</b>	Applicable to 30%, 60% and Final (100%) Slurry Sealing Alignment Sheet BMP, Storm Drain Inlet Protection Plan Curb Ramp Sheet(s) Abandonment Plan Miscellaneous Details

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 City Heights Community Planning Groups. The proposed water main alignment crosses near of Central Elementary School and our Lady of the Sacred Heart School and also crosses under Edison elementary School. The Design-Builder shall coordinate all activity and Right of Entry permit with the proper school representative.
- 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:
  - 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

Title	Edition	Document Number
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 – Standard Drawing Updates Approved For Use*	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: <a href="http://www.sandiego.gov/publicworks/edocref/index.shtml">http://www.sandiego.gov/publicworks/edocref/index.shtml</a>		

**40. Design Guidelines:**

- 40.1. Americans with Disabilities Act (ADA) I Americans with Disabilities Act Accessibility Guidelines (ADAAG)
- 40.2. American Water Works Association (AWWA)
- 40.3. California Building Code as adopted by the City of San Diego\*
- 40.4. California Code of Regulations, Title 24
- 40.5. City of San Diego Approved Materials List (AML) as approved by the Water (<http://www.sandiego.gov/water/cip/guidelines.shtml>) and Metropolitan Wastewater Departments (<http://www.sandiego.gov/mwwd/business/sewer.shtml>)
- 40.6. City of San Diego Computer Aided Design and Drafting (CADD), <http://www.sandiego.gov/publicworks/edocref/drawings.shtml>
- 40.7. City of San Diego Landscape Technical Manual
- 40.8. City of San Diego's Manual of Preparation of Land Development and Public Improvement plans  
<http://www.sandiego.gov/development-services/industry/landdevcode/landdevmanual.shtml>
- 40.9. City of San Diego Street Design Manual, <http://www.sandiego.gov/publicworks/pdf/edocref/streetdesignmanual02.pdf>
- 40.10. City of San Diego Technical Guidelines for Geotechnical Reports, <http://www.sandiego.gov/development-services/pdf/industry/geoguidelines.pdf>

- 40.11. City of San Diego, Water Department Guidelines and Standards Books 1 through 7  
<http://www.sandiego.gov/water/cip/guidelines.shtml>
  - 40.12. County of San Diego Code of Regulations
  - 40.13. National Electric Code (NBC) as adopted by the City of San Diego\*
  - 40.14. State of California Health and Safety Code
  - 40.15. Uniform Fire Code (UFC) as adopted by the City of San Diego\*
  - 40.16. Uniform Mechanical Code (UMC) as adopted by the City of San Diego\*
  - 40.17. Uniform Plumbing Code (UPC) as adopted by the City of San Diego\*
  - 40.18. Construction Planning & Scheduling Manual by AGC of America
  - 40.19. The National Environmental Policy Act (NEPA) and other development standards contained in the San Diego Municipal Code (SDMC) and other State and Federal regulatory documents
  - 40.20. City of San Diego Municipal Code;  
  
<http://www.sandiego.gov/city-clerk/officialdocs/legisdocs/muni.shtml>
  - 40.21. State Historic Preservation Act
- \*Any and all codes, regulations, and permits (including amendments) issued by City's Planning and Development Services Department.

**41. Bridging Documents:**

- 41.1. The following is a list of the Bridging Documents for this project available at:  
  
<ftp://ftp.sannet.gov/OUT/Sorrento%20Mesa%20Recycled%20Water%20Project/>
1. Location Map and Scope Map
  2. Planning Report
  3. Environmental Exemption
  4. Traffic Plans Assessment
  5. Miscellaneous Documents



**ATTACHMENT B**  
**PHASED FUNDING PROVISIONS**

## ATTACHMENT B

### PHASED FUNDING PROVISION

#### 1. PHASED FUNDING

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 1.7 Your failure to perform the following may result in the Proposal being rejected as **non-responsive**:
  - 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;
  - 2 Revise the Pre-Award Schedule as requested by the City within the specified 22 Working Days timeframe; or
  - 2 Execute the first Phased Funding Schedule Agreement within a Day after receipt.

**ATTACHMENT C**

**EQUAL OPPORTUNITY CONTRACTING PROGRAM**

**PHASED FUNDING SCHEDULE AGREEMENT**

**Check one:**

- First Phased Funding Schedule Agreement  
 Final Phased Funding Schedule Agreement

Particulars left blank in this sample, the total number of phases, and the amounts assigned to each phase will be filled with funding specific information as the result of the Pre-Award Schedule, and subsequent Schedules, required by these Bid Documents and approved by the City.

**BID NUMBER:** K-15-1355-MAC-3-C

**CONTRACT OR TASK TITLE:** SORRENTO MESA RECYCLED WATER PIPELINE

**CONTRACTOR:** TC Construction Co. Inc.

<b>Funding Phase</b>	<b>Phase Description</b>	<b>Phase Start</b>	<b>Phase Finish</b>	<b>Not-to-Exceed Amount</b>
1	Design Services/ Construction Services	NTP	NOC	\$2,297,400.00
Total				\$2,297,400.00


Notes:

- (1) City Supplement 9-3.6, "PHASE FUNDING COMPENSATION" applies.
- (2) The total of all funding phases shall be equal to the TOTAL BID PRICE as shown on BID SCHEDULE 1 - PRICES.
- (3) This PHASE FUNDING SCHEDULE AGREEMENT will be incorporated into the CONTRACT and shall only be revised by a written modification to the CONTRACT.


**OWNER:** CITY OF SAN DIEGO

**CONTRACTOR:** TC Construction Co., Inc.

By:

  
 Casey Crown &  
 Public Works

By:

  
 Austin Cameron, President

Date:

6/27/2015

Date:

06/16/2015

- END OF PHASE FUNDING SCHEDULE -

**ATTACHMENT C**

**EQUAL OPPORTUNITY CONTRACTING PROGRAM**

## EQUAL OPPORTUNITY CONTRACTING PROGRAM REQUIREMENTS

1. To The WHITEBOOK, Chapter 10, Sections D and E, DELETE each in its 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.



**ATTACHMENT D**  
**INTENTIONALLY LEFT BLANK**

**ATTACHMENT E**  
**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).
- 

### **SECTION 1 – TERMS, DEFINITIONS, ABBREVIATIONS, UNITS OF MEASURE, AND SYMBOLS**

#### **1-2 TERMS AND DEFINITIONS.**

**Normal Working Hours.** To the City Supplement, ADD the following:

The Normal Working Hours are 9:00 PM to 5:30 AM.

### **SECTION 2 - SCOPE AND CONTROL OF WORK**

#### **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 base bid alone or base bid and any additive or deductive alternate(s) that together when added or deducted form the basis of award.
2. The self performance percentage requirement will be waived for contracts when a “B” License is required or allowed.

#### **2-5.3.1 General.** To the City Supplement, ADD the following

7. For products for which an AML is available, products listed in the AML shall be used. A submittal review will be conducted for products not identified on an AML on a case-by-case basis when:
  - a) The product type or category is not in the AML.
  - b) The AML does not list at least two available manufacturers of the product.
  - c) The material or manufacturer listed in the AML is no longer available. Documentation to substantiate the product is no longer available or in production is required as part of the submittal.

In the case of conducting a submittal review when required by the Plans or Special Provisions, or when requested by the Engineer, all submittals shall be accompanied by the City's submittal form.

The Product Submittal Form is available for download at:

<http://www.sandiego.gov/publicworks/edocref/index.shtml>

**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.

**SECTION 4 - CONTROL OF MATERIALS**

**4-1.3.6 Preapproved Materials.** To the City Supplement, ADD the following:

3. You shall submit in writing a list of all products to be incorporated in the Work that are on the AML.

**ADD:**

**4-1.3.7 Testing Under the Direction of the Engineer.** When a bid item for Testing under the direction of the Engineer is provided, the Contractor must employ and pay for the services of a qualified third party independent laboratory to perform the required testing. The Contractor will be reimbursed for the cost of testing under this bid item.

**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 Bidder** and on the City's Product Submittal Form available at:

<http://www.sandiego.gov/publicworks/edocref/index.shtml>

**SECTION 6 - PROSECUTION, PROGRESS AND ACCEPTANCE OF WORK**

**6-7.1 General.** To the City Supplement, ADD the following:

5. For Water projects where shutdowns of 16 inch and larger pipes are required, there is a shutdown moratorium from May until October. Contractor shall plan and schedule work accordingly. No additional payment or working days will be granted for delays due to this moratorium.

6. 30 Working days for full depth asphalt final mill and resurfacing work required per SDG-107.

## **SECTION 7 - RESPONSIBILITIES OF THE CONTRACTOR**

**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 bid 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.

**7-3.3 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.

- 7-3.6 **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**.

**7-10.2.2.3 Engineered Traffic Control Plans Provided by the Contractor.** To the City Supplement, ADD the following:

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

1. Pacific Center Bl
2. Barnes Canyon Rd
3. Lusk Bl
4. Pacific Heights Bl

**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".

**7-15 INDEMNIFICATION AND HOLD HARMLESS AGREEMENT.** To the City Supplement, fourth paragraph, last sentence, DELETE in its entirety and SUBSTITUTE with the following:

Your duty to indemnify and hold harmless does not include any claims or liability arising from the established active or sole negligence, or willful misconduct of the City, its officers, or employees.

7-16 **COMMUNITY LIAISON.** To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

**ADD:**

7-16 **COMMUNITY OUTREACH.**

7-16.1 **General.**

1. To ensure consistency with the City's community outreach plan for the project, the City will work with the Contractor to inform the public (which includes, but is not limited to, property owners, renters, homeowners, business owners, recreational users, and other community members and stakeholders) of construction impacts. Efforts by the Contractor to mitigate construction impacts by communicating with the public require close coordination and cooperation with the City.
2. The Contractor will perform the community outreach activities required throughout the Contract Time. The Contractor shall assign a staff member who will perform the required community outreach services.
3. The Contractor shall closely coordinate the Work with the businesses, institutions, residents and property owners impacted by the Project.

Example duties of the Contractor include notifying businesses, institutions, and residents of the commencement of construction activities not less than 5 days in advance, coordinating access for vehicular and pedestrian traffic to businesses, institutions, and residences impacted by the Project, reporting of Contractor activities at all Project progress meetings scheduled by the Engineer, attending the Project Pre-construction Meeting, attending 2 community meetings, responding to community questions and complaints related to Contractor activities, and documenting, in writing, as well as logging in all inquiries and complaints received into the City's Public Contact Log located on the City's SDSHare site:

<http://sdshare/forums/ecp/PITS/picr/Lists/Public%20Contact%20Log/AllItems.aspx>.

4. The Contractor shall execute the Information Security Policy Acknowledgement Form - For Non-City Employees within 15 days of the award of the Contract if:
  - a) The contact information for the Contractor is made available on any outreach materials or;
  - b) The Contractor will be the primary point of contact to resolve project related inquiries and complaints.
5. Electronic Communication.

All inquiries and complaints will be logged in to the City's SDSHare site within 24 hours of receipt of inquiries and complaints.

Any updates or a resolution of inquiries, and complaints shall be documented in the City's SDSShare site within 24 hours.

Copies of email communications shall be saved, individually, on to the City's SDSShare site as an Outlook Message Format (\*.msg).

All graphics, photos, and other electronic files associated with the inquiries and or complaints shall be saved into the individual record.

6. **When specified**, present your Exclusive Community Liaison to the Engineer, in writing, within 15 days of the award of the Contract.

#### 7-16.1.2 **Quality Assurance.**

1. During the course of community outreach, the Contractor shall ensure that the character of all persons that conduct community outreach (distributing door hangers, attending community meetings, interacting with the public, etc.) on behalf of the Contractor shall:
  - a. Have the ability to speak and comprehend English and/or Spanish, as appropriate for the community or public they are informing,
  - b. Possess and display easily verifiable and readable personal identification that identifies the person as an employee of the Contractor,
  - c. Have the interpersonal skills to effectively, professionally, and tactfully represent the project, Contractor, and City to the public.

#### 7-16.1.3 **Submittals.**

1. The Contractor shall submit to the Resident Engineer, for review and approval, all drafts of letters, notices, postcards, door hangers, signs, mailing lists, proposed addresses for hand-delivery, and any other notices and letters that are to be mailed and or distributed to the public.
  - a. Prior to distributing or mailing, the Contractor shall submit final drafts of letters, notices, postcards, door hangers, signs, and any other notices and letters to the Resident Engineer for final review and approval. Submit a PDF copy of the approved door hangers to the Engineer.
  - b. After distributing or mailing, the Contractor shall submit verification of delivery and any copies of returned notices to the Resident Engineer. Submit a PDF copy of the approved letters and notices to the Engineer.
2. The Contractor will use the City's SDSShare site to identify and summarize communications (via phone, in person, and email) with the public within 24 hours of receipt, even if the Contractor's response to the individual is still incomplete. The Contractor will upload to the City's SDSShare site copies of all written, electronic, and verbal communications and conversations with the public.

**7-16.1.4 Weekly Updates Recipients.** Submit a weekly correspondence with updates, traffic control issues and locations, lane closures, and any other pertinent information (with additional contact names given during award process) to the following recipients:

Sheila Bose, Senior Engineer, [SBose@sandiego.gov](mailto:SBose@sandiego.gov)

Casey Crown, Project Manager, [CCrown@sandiego.gov](mailto:CCrown@sandiego.gov)

Liborio (Lee) Ruiz, Project Engineer, [LRuiz@sandiego.gov](mailto:LRuiz@sandiego.gov)

Resident Engineer, TBA, [XXX@sandiego.gov](mailto:XXX@sandiego.gov)

**7-16.2 Community Outreach Services.**

**7-16.2.1 Public Notice by Contractor.**

1. Post Project Identification Signs in accordance with section 7-10.6.2
2. Notify businesses, institutions, property owners, residents or any other impacted stakeholders, within a minimum 300 feet radius of the Project, of construction activities and utility service interruptions not less than 5 days in advance.
3. Furnish and distribute public notices in the form of door hangers using the City's format to all occupants and/or property owners along streets:
  - a. Where Work is to be performed at least 5 days before starting construction or survey activities or impacting the community as approved by the Resident Engineer.
  - b. Within 5 days of the completion of your construction activities where work was performed, the Contractor shall distribute public notices in the form of door hangers, which outlines the anticipated dates of Asphalt Resurfacing or Slurry Seal.
  - c. No less than 48 hours in advance and no more than 72 hours in advance of the scheduled resurfacing.
4. Leave the door hanger notices on or at the front door of each dwelling and apartment unit and at each tenant of commercial buildings abutting each of the street block segments. Where the front doors of apartment units are inaccessible, distribute the door hanger notices to the apartment manager or security officer.
5. Door Hanger Material: The Contractor shall use Blanks/USA brand, Item Number DHJ5B6WH, 1 1/4" Holes (removed), 2-up Jumbo Door Hanger in Bristol White, or approved equal.
6. Mailed Notice Material: The Contractor shall use Cougar by Domtar, Item Number 2834 or approved equal.

7. For all Work on private property, contact each owner and occupant individually a minimum of 15 days prior to the Work. If the Work has been delayed, re-notify owners and occupants of the new Work schedule, as directed by the Resident Engineer.
8. A sample of public notices is included in the Contract Appendix.

**7-16.2.2 Communications with the Public.**

1. Coordinate access for vehicular and pedestrian traffic to businesses, institutions and residences impacted by the Project.
2. The Contractor shall provide updates on construction impacts to the Resident Engineer. The Contractor shall notify the Resident Engineer in advance about time-sensitive construction impacts and may be required to distribute construction impact notices to the public on short notice.
3. The Contractor shall incorporate community outreach activities related to construction impacts in the baseline schedule and update the Resident Engineer with each week's submittal of the Three-Week Look Ahead Schedule.
4. At the request of the Resident Engineer, the Contractor shall attend and participate in project briefings at community meetings.
5. The Contractor shall coordinate with the Resident Engineer on all responses and actions taken to address public inquiries and complaints within 24-hours that they are received.

**7-16.2.3 Communications with Media.**

1. The City may allow members of the media access to its construction site(s) on a case-by-case basis only.
2. Occasionally, members of the media may show up at construction sites, uninvited. Members of the media (including, but not limited to newspaper, magazine, radio, television, bloggers, and videographers) do not have the legal right to be in the construction site without the City's permission.
3. In the event media representatives arrive near or on the construction site(s), the Contractor shall keep them off the site(s), in a courteous and professional manner, until a Public Information Officer is available to meet them at an approved location.
4. The Contractor shall report all members of the media visits to the Resident Engineer as quickly as possible, so that the City's Public Information Officer can meet with the members of the media at the construction site(s).
5. If the City allows members of the media to access a construction site, the Contractor shall allow the City to escort the media representatives while they are on the construction site and shall ensure their safety.

6. The Contractor shall require media representatives to sign in and out of the Site Visitor Log and to use Personal Protective Equipment.
7. The Contractor has a right to speak to members of the media about its company and its role on the project. All other questions shall be referred to the City.

**7-16.3 Exclusive Community Liaison Services.** If directed to conduct Exclusive Community Liaison Services, the Contractor shall retain an Exclusive Community Liaison for the Project whose sole responsibilities will be to implement 7-16.2 , “Community Outreach Services” and as follows:

1. Develop a contact list of community, tenants, property owners, and agencies with a stake in the project.
2. Prepare and present of materials in coordination with the Resident Engineer.
3. Respond to community questions and complaints related to Contractor activities.
4. Write, edit, update, or produce brochures, pamphlets and news releases.
5. Provide standard telephone inquiries and e-mail responses:
  - a) Respond to telephone calls and e-mails from the public.
  - b) Record calls and e-mails on the City’s SDSShare site.
6. Provide a monthly summary report of all inquiries and complaints, including the name of the person, source of inquiry (via information line or email), phone number, address, date, and time of inquiry, who responded, and a summary of resolutions or pending resolutions to the Resident Engineer.
7. Report Exclusive Community Liaison activities at all progress meetings scheduled by the Resident Engineer.
8. Attendance at pre-construction, community and stakeholders meetings.

**7-16.3.2 Exclusive Community Liaison Work Plan.** The Work plan for the Exclusive Community Liaison shall address the items of Work specified in these specifications. Present your Exclusive Community Liaison and submit your exclusive community outreach plan (in writing) **as specified** within 15 days of the Award of the Contract.

**7-16.4 Payment.** The Payment for the Community Outreach Service is included in the various Bid items. The payment for exclusive community liaison is in the bid item for “Exclusive Community Liaison Services.”

**7-20 ELECTRONIC COMMUNICATION.** ADD the following:

Virtual Project Manager will be used on this contract.

**SECTION 9 - MEASUREMENT AND PAYMENT**

**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.

**SECTION 203 – BITUMINOUS MATERIALS**

**203-15 RUBBER POLYMER MODIFIED SLURRY (RPMS).** To the City Supplement, CORRECT section numbering as follows:

OLD SECTION NUMBER	TITLE	NEW SECTION NUMBER
203-15	RUBBER POLYMER MODIFIED SLURRY (RPMS)	203-16
203-15.1	General	203-16.1
203-15.2	Materials	203-16.2
203-15.3	Composition and Grading	203-16.3
203-15.4	Mix Design	203-16.4

ADD the following:

RPMS shall be used on this contract.

**SECTION 207 – PIPE**

**207-9.2.3 Fittings.** To the City Supplement, ADD the following:

- 8. Flange gaskets shall be 3.2mm (1/8") thick acrylic or aramid fibers bound with nitrile for all sizes of pipe. Gaskets shall be full-face type with pre-punched holes free of asbestos material. All insulating flange kits require full face gaskets.

**207-17.2.3 Pipe Manufacturer.** To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

PVC products as manufactured or distributed by J-M Manufacturing Company shall not be used on the Contract for pressurized pipe **unless specified otherwise.**

**207-26.4 Butterfly Valves.** To the City Supplement, Paragraph (2), DELETE the last sentence.

To the City Supplement, Paragraph (3,) DELETE in its entirety and SUBSTITUTE with the following:

3. The operator shall be manual with a 2" (50 mm) square operating nut, and shall open the valve when turned counterclockwise.

**207-27 FUSIBLE NON-PRESSURE POLYVINYLCHLORIDE PIPE.** DELETE in its entirety.

### SECTION 209 – STREET LIGHTING AND TRAFFIC SIGNAL MATERIALS

**209-6.4 Induction Cobra Head Luminaire.** To the City Supplement, 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

### SECTION 212 - LANDSCAPE AND IRRIGATION MATERIALS

**ADD:**

**212-3.2.2.3 Trench Marker Tape.** To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

- a) Trench marker tape shall be 6" wide and consist of a minimum 5.0 mil, five-ply 100% virgin polyethylene which is acid, alkaline and corrosion resistant. Elongation properties and tensile strength of not less than 7,800 psi shall be in accordance with ASTM D882-80A. The trench marker tape for water lines shall have a minimum 20 gauge solid aluminum foil core, adhered to a 2.55 mil polyethylene backing.
- b) Tape color and legend shall be placed beneath the top protective layer subject to the following:
  1. Blue with "Caution Potable Water Line Buried Below" for Water mainlines and over pipe sleeves.
  2. Purple with "Caution Recycled/Reclaimed Water Line Buried Below" for recycled water irrigation mainlines.



3. Red with “Caution Electric Line Buried Below” for electrical lines servicing the irrigation system, including, but not limited to, 110/220v power to irrigation controllers and pumps, communication cables and irrigation direct burial control wires to remote control valves.
4. Green with “Caution Sewer Line Buried Below” for Sewer mainlines and over pipe sleeves.

### **SECTION 300 – EARTHWORK**

**300-1.4**      **Payment.** To the City Supplement, 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 Bid item for installation of the mains or the Work item that requires pavement removal.

### **SECTION 302 – ROADWAY SURFACING**

**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 200-2.2, "Crushed Aggregate Base."

5. Recycled base material shall conform to Crushed Miscellaneous Base Material in accordance with 200-2.4, "Crushed Miscellaneous 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 200-2.2, "Crushed 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 bid 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 Bids. The Engineer will designate the limits to be removed and these designated areas shall be considered to take precedent over the area shown in an

Appendix to the Contract 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 Bid item for Asphalt Pavement Repair unless separate Bid 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.

**302-5.2.1 Measurement and Payment.** To the City Supplement, item c), ADD the following:  
Imported Subgrade material shall be paid per bid item "Imported Backfill".

**SECTION 306 – UNDERGROUND CONDUIT CONSTRUCTION**

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

<b>OLD SECTION NUMBER</b>	<b>TITLE</b>	<b>NEW SECTION NUMBER</b>
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

**306-1.4.5 Water Pressure Test.** To the City Supplement, Paragraph (2), DELETE in its entirety and SUBSTITUTE with the following:

2. Pressure testing of pipe and fittings at the lowest elevation shall be performed at 150% of the specified test pressure and no less than 100% of the specified test pressure at the highest elevation.

Specified test pressure for Class 235 pipe will be 150 psi

Specified test pressure for Class 305 pipe will be 200 psi

**306-1.6 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 Bid unit price for Imported Backfill. The price shall include the removal and disposal of unsuitable materials.

**306-1.8.3 Polyurethane Lining.** To the City Supplement, item 5, DELETE in its entirety

**306-22 PIPE FUSION.** DELETE in its entirety.

#### **SECTION 308 – LANDSCAPE AND IRRIGATION INSTALLATION**

**308-7 GUARANTEE.** To the City Supplement, DELETE in its entirety.

**308-7 PAYMENT.** ADD the following:

Work related to tree maintenance shall be included in the Bid items as follows:

- Tree Trimming (EA)
- Root Pruning (EA)
- Root Barrier (EA)

BSM shall be measured and paid per Cubic Yard installed. The installation of the pervious backfill material as specified in the Contract Documents and as directed by the Engineer shall be included in the payment.

**308-8 PAYMENT.** To the City Supplement, DELETE in its entirety.

#### **SECTION 703 – ENCOUNTERING OR RELEASING HAZARDOUS SUBSTANCES**

**703-20 PAYMENT.** To the City Supplement, Item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. Payment for waste management shall be included in the applicable Bid items as follows:

- a) Preparation of Hazardous Waste Management Plan and Reporting (LS).
- b) Monitoring, Testing, Sampling, Site Storage, and Handling of Soils Containing RCRA Hazardous Waste (TON).
- c) Loading, Transportation, and Disposal of soils containing RCRA Hazardous Waste (TON).
- d) Monitoring of Petroleum Contaminated Soil (HR).
- e) Testing, Sampling, Site Storage and Handling of Petroleum Contaminated Soil (TON).
- f) Loading, Transportation, and Disposal of Petroleum Contaminated Soil (TON).
- g) Monitoring, Testing, Sampling Site Storage and Handling of Soils Containing Non-RCRA Hazardous Waste (TON).
- h) Loading, Transportation, and Disposal of Soils Containing Non-RCRA Hazardous Waste (TON).
- i) Testing, Sampling, Site Storage, Handling, Transportation, and Disposal of Containerized RCRA Hazardous Waste (55 Gal DRUMS).
- j) Testing, Sampling, Site Storage, Handling, Transportation, and Disposal of Containerized Non-RCRA Hazardous Waste (55 Gal DRUMS).
- k) Testing, Sampling, Site Storage, Handling, Transportation and Recycling/Disposal of Universal Waste (EACH).
- l) Testing, Sampling, Site Storage, Handling, Transportation and Recycling/Disposal of Regulated Waste (TON).
- m) Testing, Sampling, Site Storage, Handling, Transportation, and Disposal of RCRA Hazardous Waste contamination from the treatment of contaminated ground water (GAL).
- n) Testing, Sampling, Site Storage, Handling, Transportation, and Disposal of Non-RCRA Hazardous Waste contamination from the treatment of contaminated ground water (GAL).

## SECTION 705 – WATER DISCHARGES

- 705-2.6.1**      **General.** Paragraph (3), CORRECT reference to Section 803 to read “**Section 703.**”
- 705-2.6.3**      **Community Health and Safety Plan.** To the City Supplement, 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.”

## SECTION 707 – RESOURCE DISCOVERIES

### ADD:

#### 707-1.1

**Environmental Document.** The City of San Diego Environmental Analysis Section (EAS) of the Development Services Department has prepared a **Notice of Exemption** for **Sorrento Mesa Recycled Water Pipeline**, as referenced in the Contract Appendix. You must comply with all requirements of the **Notice of Exemption** as set forth in the **Contract Appendix “A”**.

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

**END OF SUPPLEMENTARY SPECIAL PROVISIONS (SSP)**

**SUPPLEMENTARY SPECIAL PROVISIONS**

**APPENDICES**



**APPENDIX A**  
**NOTICE OF EXEMPTION**

NOTICE OF EXEMPTION

(Check one or both)

TO:  RECORDER/COUNTY CLERK  
P.O. BOX 1750, MS A-33  
1600 PACIFIC HWY, ROOM 260  
SAN DIEGO, CA. 92101-2422

FROM: CITY OF SAN DIEGO  
DEVELOPMENT SERVICES DEPARTMENT  
1222 FIRST AVENUE, MS 501  
SAN DIEGO, CA 92101

OFFICE OF PLANNING AND RESEARCH  
1400 TENTH STREET, ROOM 121  
SACRAMENTO, CA 95814

PROJECT NO.: B-15080.02.06

PROJECT TITLE: SORRENTO MESA RECYCLED WATER PIPELINE

PROJECT LOCATION-SPECIFIC: The project is located within the public right-of-way along portions of McKellar Court, Pacific Center Boulevard, Pacific Heights Boulevard, Barnes Canyon Road, Lusk Boulevard, and Morehouse Drive within the Mira Mesa Community Plan area (Council District 6).

PROJECT LOCATION-CITY/COUNTY: San Diego/San Diego

DESCRIPTION OF NATURE, PURPOSE, AND BENEFICIARIES OF PROJECT: The project will install approximately 1.25 miles of 8-inch polyvinyl chloride (PVC) water pipeline resulting in expansion of the recycled water pipeline system allowing high water demand customers to convert their irrigation and water cooling needs from potable water system to recycled water, which is estimated to offset 200 acre-feet per year of water use from the potable water system to recycled water reducing the City's imported water quantities. Installation of the recycled water pipeline would occur via the open trench method of construction requiring a trench depth of 3-5 feet and trench width of 3-5 feet. Additional improvements will include installation of recycled water laterals, curb ramps, and other appurtenances; and street repair and/or resurfacing. Potholing is also required to verify the reconnection of water laterals to mains and/or to verify utility crossings.

NAME OF PUBLIC AGENCY APPROVING PROJECT: City of San Diego

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT: Luis Schaar, Senior Civil Engineer, City of San Diego Public Works Department, 525 B Street, Suite 750, MS 908A, San Diego, CA 92101 Tel: 619- 533-7492

EXEMPT STATUS: (CHECK ONE)

- MINISTERIAL (SEC. 21080(b)(1); 15268);
- DECLARED EMERGENCY (SEC. 21080(b)(3); 15269(a));
- EMERGENCY PROJECT (SEC. 21080(b)(4); 15269 (b)(c))
- CATEGORICAL EXEMPTION: 15303 (New Construction) and 15304 (Minor Alterations to Land)
- STATUTORY EXEMPTIONS:

REASONS WHY PROJECT IS EXEMPT: The City of San Diego conducted an environmental review which determined that this project meets the criteria set forth in CEQA Section 15303, which allows for construction and location of limited numbers of new small facilities or structures, including water mains and street improvements (i.e. new recycled water pipelines, laterals, curb ramps, and other appurtenances); Section 15304, which allows minor public alterations in the condition of land, water and/or vegetation which do not involve removal of healthy, mature, scenic trees except for forestry and agricultural purposes including minor trenching and backfilling where the surface is restored (i.e. trenching for recycled water pipelines and laterals, potholing, and street repair and resurfacing); and when the project does not trigger any of the exceptions to categorical exemptions found in State CEQA Guidelines, Section 15300.2. Furthermore, the project is not located within the City's mapped historic sensitivity area for historical resources, and occurs within the developed right-of-way within a business park highly disturbed by previous grading activities. Therefore, no impacts to historic resources are reasonably expected to occur. This project meets all the CEQA requirements listed above.

LEAD AGENCY CONTACT PERSON: JEFFREY SZYMANSKI

TELEPHONE: 619 446-5324

IF FILED BY APPLICANT:

- 1. ATTACH CERTIFIED DOCUMENT OF EXEMPTION FINDING.
- 2. HAS A NOTICE OF EXEMPTION BEEN FILED BY THE PUBLIC AGENCY APPROVING THE PROJECT?  
 YES  NO

*Jeffrey Szymanski* / SENIOR PLANNER  
SIGNATURE/TITLE

2/11/2015  
(DATE)

CHECK ONE:  
 SIGNED BY LEAD AGENCY  
 SIGNED BY APPLICANT

DATE RECEIVED FOR FILING AT OPR:

Revised February 9, 2015 AE

**APPENDIX B**  
**FIRE HYDRANT METER PROGRAM**

<b>CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS</b>	<b>NUMBER DI 55.27</b>	<b>DEPARTMENT Water Department</b>
<b>SUBJECT  FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)</b>	<b>PAGE 1 OF 10</b>	<b>EFFECTIVE DATE  October 15, 2002</b>
	<b>SUPERSEDES DI 55.27</b>	<b>DATED April 21, 2000</b>

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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- 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).

**Larry Gardner  
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)

METER SHOP (619) 527-7449

NS REQ	FAC#
DATE	BY

## Meter Information

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

Fire Hydrant Location: (Attach Detailed Map//Thomas Bros. Map Location or Construction drawing.) Zip:	T.B.	G.B. (CITY USE)
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:	Phone: ( )
*Business license#		*Contractor license#	
A Copy of the Contractor's license OR Business License is required at the time of meter issuance.			
Name and Title of Billing Agent: <small>(PERSON IN ACCOUNTS PAYABLE)</small>			Phone: ( )
Site Contact Name and Title:			Phone: ( )
Responsible Party Name:			Title:
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			

<b>Fire Hydrant Meter Removal Request</b>	Requested Removal Date:
Provide Current Meter Location if Different from Above:	
Signature:	Title: Date:
Phone: ( )	Pager: ( )

<input type="checkbox"/>	City Meter	<input type="checkbox"/>	Private Meter
Contract Acct #:		Deposit Amount: <b>\$ 936.00</b>	Fees Amount: <b>\$ 62.00</b>
Meter Serial #		Meter Size: <b>05</b>	Meter Make and Style: <b>6-7</b>
Backflow #		Backflow Size:	Backflow Make and Style:
Name: <b>MACC Request for Proposal (Rev. Dec. 2014)</b> <b>Appendix B - Fire Hydrant Meter Program</b> <b>Sorrento Mesa Recycled Water Pipeline</b>		Signature:	Date: 101   Page

WATER USES WITHOUT ANTICIPATED CHARGES FOR 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 Seeing  
Irrigation (for establishing irrigation only; not continuing irrigation)  
Mixing Concrete  
Mobile Car Washing  
Special Events  
Street Sweeping  
Water Tanks  
Water Trucks  
Window Washing

**Note:**

1. If there is any return to sewer or storm drain, then sewer and/or storm drain fees will be charges.

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 contact the Water Department, or mail your request for an extension to:

City of San Diego  
Water Department  
Attention: Meter Services  
2797 Caminito Chollas  
San Diego, CA 92105-5097

Should you have any questions regarding this matter, please call the Fire Hydrant Hotline at (619) \_\_\_\_\_ - \_\_\_\_\_.

Sincerely,

Water Department



**APPENDIX C**

**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 D**  
**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						
<b>CHANGE ORDERS</b>											
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-Increase 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)						
<b>SUMMARY</b>								Total This	\$ -	Total Billed	\$0.00
A. Original Contract Amount						<b>Retention and/or Escrow Payment Schedule</b>					
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 E**  
**LOCATION MAP**

**PREDESIGN LOCATION MAP  
SORRENTO MESA RECYCLED  
WATER PIPELINE**



Project Implementation (PI) CIP Preliminary  
Engineering and Program Coordination

SENIOR ENGINEER  
Neven Antoun  
619-533-4852

PROJECT MANAGER  
Julian Espinoza  
619-533-4384

PROJECT ENGINEER  
Ryan Creek  
619-533-3767

PROJECT DRAFTER  
Susan Griebenow  
619-533-3652



**Legend**

- Proposed 8 inch Recycled Pipe
- Exist. Recycled Water Pipes



No Scale

S:\PITS\PITS-CIP-Preliminary-Engineering-and-Program-Coordination\Drafting\Water & Sewer Projects\Water Projects\Sorrento Mesa Recycled Water Pipeline\CIP Tracking\Location Map



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**APPENDIX F**  
**HYDROSTATIC DISCHARGE FORM**

## Hydrostatic Discharge Requirements Certification (Discharge Events ≥ 325,850 gpd)

All discharge activities related to this project comply with the Regional Water Quality Control Board (RWQCB) Order No. R9-2010-0003, General Permit for Discharges of Hydrostatic Test Water and Potable Water to Surface Water and Storm Drains as referenced by ([http://www.waterboards.ca.gov/sandiego/board\\_decisions/adopted\\_orders/2010/R9-2010-0003.pdf](http://www.waterboards.ca.gov/sandiego/board_decisions/adopted_orders/2010/R9-2010-0003.pdf)), 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:

*Is Discharge Within Limits?*

**Comment/Action Taken**

Event #	Discharge Date	Item Tested	Duration	Amount (gpd)	Description of the Proposed Discharge	Method and Test Result	Is Discharge Within Limits?		Comment/Action Taken
							YES	NO	
		Chlorine							
		pH							
		Chlorine							
		pH							
		Chlorine							
		pH							
		Chlorine							
		pH							

**Qualified Personnel Conducting Tests (Print Name):**

**SAP No.(s):**

**\*Signed:**

**Project Name:**

\* By signing, I hereby certify and affirm under penalty of perjury that all of the statements and conditions for hydrostatic discharge events are correct.

Have any thresholds been exceeded? Per Order No. R9-2010-0003, 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]



**APPENDIX G**  
**SAMPLE NOTICE**



## PROJECT NAME

### **Trenching on your street is complete.**

#### **What you need to know:**

- Pipe installation on your street is complete and construction crews are now installing new pipeline for this project at another location.
- You may see temporary trench plates or trench cap for some time, even after construction activities have concluded on your street.

#### **Street resurfacing:**

- Your Streets will be resurfaced once the entire pipeline project is complete. Concrete streets will not be resurfaced curb to curb; only the trench will be backfilled.
- Street resurfacing may be delayed due the City's slurry seal moratorium

#### **Estimated resurfacing completion on your street:**

(Insert Date-Month and Year)

**For questions related to this work**

**Call: (619) 533-4207**

**Email: [engineering@sandiego.gov](mailto:engineering@sandiego.gov)**



This information is available in alternative formats upon request.



**ATTACHMENT F**  
**PROPOSAL SUBMITTAL REQUIREMENTS, AND SELECTION**  
**CRITERIA**

## ATTACHMENT F

### 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 (5 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 any changes to the key personnel identified as part of the SOQ. Describe the strength of key proposed construction and technical personnel, and Subcontractors assigned to the Project. Provide a list of subcontractors which were given the opportunity to form your project team.

6. **Technical Approach and Design Concept (20 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** 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.
- 6.2.3** Paving Restoration.
- 6.2.4** Water highlining plan for each site
- 6.2.5** Phasing of design and construction work of each site separately
- 6.2.6** Curb Ramp Design and Installation plan pursuant to the ADA Preliminary Engineering report (part of the bridging documents) and highlight any Modification, if any.
- 6.2.7** Phasing and Coordination with Adjacent Projects
- 6.2.8** Storm Water Pollution Control Best Management Practices.
- 6.2.9** Subsurface Investigation and Geotechnical Work.
- 6.2.10** Describe the design criteria (standards, testing, etc...) and regulations for City of San Diego recycled water system. How does it differ from the City of San Diego potable water system regarding design and regulations.

**7. Construction Plan (20 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** Phasing of design and construction work of each site separately

- 7.1.8 Proposed construction schedule
  - 7.1.9 Traffic Control Management
  - 7.1.10 Community Impact
  - 7.1.11 How the Team coordinates the exact locations for the recycled water services and meters with Qualcomm personnel.
- 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. Describe any cost saving measures, not included in your proposal that the City of San Diego Team should consider, and the Design-Builder is willing to implement. For each recommendation, the percentage of your price proposal or time would be saved.

- 7.6. 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.
- 7.7. Community Coordination – Due to the summer moratoriums, how do you plan to phase the project and keep the community informed?
- 7.8. Staging Area and project cleanup – What is your plan for staging area and project cleanup (during construction and moratorium phases) to minimize residents and visitors concerns?
- 7.9. Residents and Visitors – how will traffic and bus stops be impacted? How will you minimize the impacts?
- 7.10. Construction mitigation plan to minimize impacts to local businesses (i.e. impacts the business access and parking)
- 7.11. What protocol will you have to insure that the City of San Diego potable water system will not be compromise (tapped into) during construction.

**8. Traffic Control Approach (20 Points Max)**

- 8.1. The Design-Builder shall describe its general approach to developing a traffic control and local access management plan (Traffic Control Plan).

**9. Schedule for Base Bid and Alternate (20 Points Max)**

- 9.1. 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. This being stated:

9.1.1. Provide schedule for the contract duration of 240 Working Days.

9.1.2. Provide schedule for the accelerated contract duration of 176 Working Days;

- a) Design Builder can assume City turnaround times will be half of specified time in ATTACHMENT A:

3.0 City Services, Sections 3.1.1 and 3.1.2, page 21.

5.0 Review of the Design-Builder's Design Submittals, Section 5.1, page 22.

- b) Design Builder can assume the 30% design review by City will be concurrent with Design-Builder's 60% Design – No duration. See ATTACHMENT A, 5.0 Review of the Design-Builder's Design Submittals, Section 5.1, page 22.

**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 the Q&A meeting will be part of the Proposal evaluation and failure to attend the meeting will determine the proposal to be **non-responsive**.



**ATTACHMENT G**  
**PROPOSAL FORMS**

WIK ✓  
LIC ✓  
JE

# City of San Diego

## CITY CONTACT

Contract Specialist: Clementina Giordano  
Email: [Cgiordano@sandiego.gov](mailto:Cgiordano@sandiego.gov)  
Phone No.: 619-533-3481, Fax No.: 619-533-3633  
L.Ruiz/BDorino/egz

# REQUEST FOR PROPOSAL (RFP)



## FOR

### Sorrento Mesa Recycled Water Pipeline

RFQ NO.:	12MCL100
PROPOSAL NO.:	K-15-1355-MAC-3
TASK ORDER NO.:	15
SAP NO. (WBS/IO/CC):	B-15080
CLIENT DEPARTMENT:	2013
COUNCIL DISTRICT:	6
PROJECT TYPE:	HC

#### THIS TASK IS SUBJECT TO THE FOLLOWING:

- PHASED-FUNDING
- PREVAILING WAGE RATES: STATE  FEDERAL
- SMALL AND LOCAL BUSINESS ENTERPRISE (SLBE) PROGRAM
- MANDATORY USE OF APPRENTICES

**THIS DOCUMENT SHALL BE SUBMITTED IN ITS ENTIRETY**

#### PROPOSALS DUE

12:00 NOON  
JUNE 2, 2015

## 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 .....	119
2. Non-Collusion Affidavit to be executed by Proposer and Submitted with Proposal under 23 USC 112 and PCC 7106 .....	122
3. Contractors Certification of Pending Actions .....	123
4. Equal Benefits Ordinance Certification of Compliance.....	124
5. Design-Build Proposal .....	125
6. Price Proposal Forms (Design Build) .....	126
7. Form AA05 – Design-Build List of Subcontractors .....	128
8. Form AA25 - Design-Build Named Equipment/Material Supplier List .....	129

**PROPOSAL DOCUMENTS**

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**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. \_\_\_\_\_
- (6) Email Address \_\_\_\_\_

**IF A PARTNERSHIP, SIGN HERE:**

- (1) Name under which business is conducted \_\_\_\_\_

**PROPOSAL DOCUMENTS**

---

(2) Name of each member of partnership, indicate character of each partner, general or special (limited):

\_\_\_\_\_  
\_\_\_\_\_

(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 \_\_\_\_\_

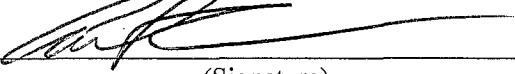
(6) Telephone No. \_\_\_\_\_ Facsimile No. \_\_\_\_\_

(7) Email Address \_\_\_\_\_

**IF A CORPORATION, SIGN HERE:**

(1) Name under which business is conducted TC Construction Co. Inc.

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

  
\_\_\_\_\_

(Signature)

Austin Cameron

\_\_\_\_\_

(Printed Name)

President

\_\_\_\_\_

(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 Ave.

(5) City and State Santee, CA Zip Code 92071

(6) Telephone No. 619-448-4560 Facsimile No. 619-448-3341

(7) Email Address acameron@tcincsd.com

**PROPOSAL DOCUMENTS**

**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:

LICENSE CLASSIFICATION A, C-21

LICENSE NO. 402459 EXPIRES April 30, 2017

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: 1000003132


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

**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 President  
Austin Cameron

SUBSCRIBED AND SWORN TO BEFORE ME, THIS SEE ATTACHED DAY OF \_\_\_\_\_, \_\_\_\_\_.

Notary Public in and for the County of \_\_\_\_\_, State of \_\_\_\_\_

\_\_\_\_\_  
(NOTARIAL SEAL)

**CALIFORNIA JURAT WITH AFFIANT STATEMENT**

**GOVERNMENT CODE § 8202**

- See Attached Document (Notary to cross out lines 1-6 below)
- See Statement Below (Lines 1-6 to be completed only by document signer[s], *not* Notary)

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

4 \_\_\_\_\_

5 \_\_\_\_\_

6 \_\_\_\_\_

*Signature of Document Signer No. 1*

*Signature of Document Signer No. 2 (if any)*

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

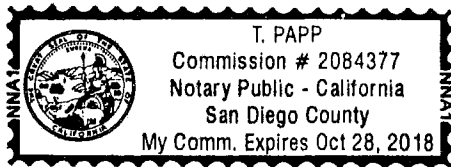
State of California  
 County of San Diego

Subscribed and sworn to (or affirmed) before me  
 on this 4 day of June, 2015,  
 by Austin Cameron  
Date Month Year

(1) Austin Cameron

(and (2) \_\_\_\_\_),  
Name(s) of Signer(s)

proved to me on the basis of satisfactory evidence  
 to be the person(s) who appeared before me.



Signature T. Papp  
Signature of Notary Public

*Seal*  
 Place Notary Seal Above

**OPTIONAL**

*Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.*

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_

Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

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 ) ss.

Austin Cameron, being first duly sworn, deposes and says that he or she is President 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: Austin Cameron [Signature]

Title: President

SEE ATTACHED

Subscribed and sworn to before me this \_\_\_ day of \_\_\_

Notary Public

(SEAL)



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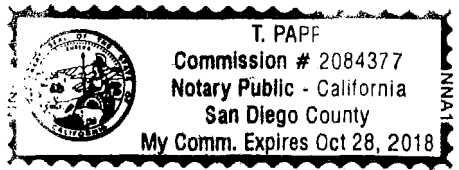
6 \_\_\_\_\_

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 County of San Diego

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 on this 4 day of June, 2015,  
 by Austin Cameron  
 (1) \_\_\_\_\_  
 (and (2) \_\_\_\_\_),  
*Name(s) of Signer(s)*



proved to me on the basis of satisfactory evidence  
 to be the person(s) who appeared before me.  
 Signature T. Papp  
*Signature of Notary Public*

*Seal*  
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**PROPOSAL DOCUMENTS**

**CONTRACTORS CERTIFICATION OF PENDING ACTIONS**

As part of its 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 10 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.

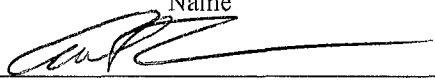
CHECK ONE BOX ONLY.

- 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 10 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 (Y/N)

Contractor Name: TC Construction Co. Inc.

Certified By Austin Cameron Title President

  
 Name  
 Signature

Date June 2, 2015

**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 Co. Inc.	Contact Name: Austin Cameron
Company Address: 10540 Prospect Ave., Santee, CA 92071	Contact Phone: 619-448-4560 ext. 117
	Contact Email: acameron@tcincsd.com

**CONTRACT INFORMATION**

Contract Title: Sorrento Mesa Recycled Water Pipeline	Start Date: TBD
Contract Number (if no number, state location): K-15-1355-MAC-3	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](http://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/President		6-2-15
Name/Title of Signatory	Signature	Date

**FOR OFFICIAL CITY USE ONLY**

Receipt Date:	EBO Analyst:	<input type="checkbox"/> Approved	<input type="checkbox"/> Not Approved – Reason:
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(Rev 02/15/2011)

**PROPOSAL DOCUMENTS**

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**Design-Build Proposal**


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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 No. 15 for Sorrento Mesa Recycled Water Pipeline**.
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: June 2, 2015

The Design-Builder: TC Construction Co. Inc.

By: Austin Cameron   
(Signature)

Title: President



**PROPOSAL DOCUMENTS**

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

Terry Cameron, CEO

---

Austin Cameron, President

---

Jack Gieffels, Secretary-Treasurer

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

**PROPOSAL DOCUMENTS**

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

The **DOLLAR VALUE** of the total Bid to be performed by the Subcontractor shall be stated for all Subcontractors listed. Failure to comply with the listing of the Subcontractors as specified shall result in the Bid being rejected as non-responsive and ineligible for award. The Design-Builder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, WoSB, SDB, HUBZone, and SDVOSB Subcontractors that Design-Builder are seeking recognition towards achieving any subcontracting participation percentages.

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

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT (MUST BE FILLED OUT)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED ②	CHECK IF JOINT VENTURE PARTNERSHIP
Name: RBF Consulting Address: 9755 Clairemont Mesa Bl.#100 City: San Diego State: CA Zip: 92124 Phone: 858-614-5000 Email: jharris@mbakerintl.com	Designer	Civil Engineer, CA #38217	Civil Engineering	\$137,500	Other	N/A	
Name: Global Environmental Network Address: Box 8038 City: Fountain Valley State: CA Zip: 92728 Phone: 714-479-1199 Email: michael@safetygeni.com	Designer	N/A	Water Pollution Control Plan	\$2,700	DVBE	CADoGS	

- 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.**

**PROPOSAL DOCUMENTS**

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Name: Landmark Consulting Address: 9555 Genessee Ave., Suite 200 City: San Diego State: CA Zip: 92121 Phone: 858-521-8070 Email: Mark@Imco.net	Designer	977786	Ped Ramp Design	\$7,500	SLBE	City	
Name: Robcar Corp./Hudson Safe T Lite Address: 777 Gable Way City: El Cajon State: CA Zip: 92022 Phone: 619-447-3964 Email: Georgina@hudsonsafetlite.com	Designer	788289	Traffic Control Plans	\$2,000	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 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      |

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Name: <u>Photo Geodetic Corporation</u> Address: <u>1161 E. Main St., #102</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92021</u> Phone: <u>619-631-1366</u> Email: <u>Ming@photogeodetic.com</u>	Designer	N/A	Aerial Surveying	\$10,200	ELBE	City	
Name: <u>RBF Consulting</u> Address: <u>9755 Clairemont Mesa Bl.#100</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92124</u> Phone: <u>858-614-5000</u> Email: <u>jharris@mbakerintl.com</u>	Constructor	Civil Engineer, CA #38217	Survey	\$25,000	Other	N/A	

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| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |
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|--|--------|--|----------|
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| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

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Name: <u>G. Scott Asphalt</u> Address: <u>358 Trousdale Dr.</u> City: <u>Chula Vista</u> State: <u>CA</u> Zip: <u>91910</u> Phone: <u>619-420-1854</u> Email: <u>danc@asphaltrepairs.com</u>	Constructor	751836	Slurry Seal	\$156,750	SLBE	City	
Name: <u>Sutherlin Contracting, Inc.</u> Address: <u>2007 Muira Lane</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92019</u> Phone: <u>619-588-8895</u> Email: <u>KSuthe4187@aol.com</u>	Constructor	787127	Traffic Loops, Push Buttons	\$54,825	SLBE	City	

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Name: Vic Salazar Enterprises Address: 2247 Indigo Dr. City: El Cajon State: CA Zip: 92019 Phone: 619-517-4744 Email: vic@vicsalazar.com	Constructor	N/A	Community Liaison	\$30,000	ELBE	City	
Name: YBS Concrete, Inc. Address: 821 Kuhn Dr., Ste. 204 City: Chula Vista State: CA Zip: 91914 Phone: 619-271-6122 Email: Ybsconcrete@yahoo.com	Constructor	885270	Concrete Flatwork	\$103,200	ELBE	City	

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| 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.**

**PROPOSAL DOCUMENTS**

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

The **DOLLAR VALUE** of the total Bid to be performed by the Subcontractor shall be stated for all Subcontractors listed. Failure to comply with the listing of the Subcontractors as specified shall result in the Bid being rejected as non-responsive and ineligible for award. The Design-Builder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, WoSB, SDB, HUBZone, and SDVOSB Subcontractors that Design-Builder are seeking recognition towards achieving any subcontracting participation percentages.

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

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT (MUST BE FILLED OUT)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED	CHECK IF JOINT VENTURE PARTNERSHIP
Name: <u>Payco Specialties, Inc.</u> Address: <u>120 No. 2nd Ave.</u> City: <u>Chula Vista</u> State: <u>CA</u> Zip: <u>91910</u> Phone: <u>619-422-9204</u> Email: <u>rebecca@payco.biz</u>	Constructor	298637	Striping	\$30,404	SLBE	City	
Name: <u>RAP Engineering, Inc.</u> Address: <u>420 Olive Ave.</u> City: <u>Vista</u> State: <u>CA</u> Zip: <u>92083</u> Phone: <u>760-233-2980</u> Email: <u>rperez@rapenginc.com</u>	Constructor	880956	AC Trench Paving	\$92,492	SLBE	City	

- 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.**

**PROPOSAL DOCUMENTS**

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

**ADDITIVE/DEDUCTIVE ALTERNATE  
(USE ONLY WHEN ADDITIVE ALTERNATES ARE REQUIRED)**

The Design-Builder shall list all Subcontractors described in the Design-Builder's Base Bid whose percentage of work will increase or decrease if alternates are selected for award. The Design-Builder shall also list additional Subcontractors not described in the Design-Builder's Base Bid who, as a result of the alternates, will perform work or labor, or render services, or specially fabricate and install a portion [type] of work or improvements in an amount in excess of 0.5%. Failure to comply with this requirement shall result in the Bid being rejected as non-responsive and ineligible for award. The Design-Builder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors that Design-Builder are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

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

ADDITIVE/DEDUCTIVE ALTERNATE	NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT (MUST BE FILLED OUT)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED	CHECK IF JOINT VENTURE PARTNERSHIP
	Name: <u>None</u> Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							
	Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							

① As appropriate, 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, 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 will not receive any subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.**

**PROPOSAL DOCUMENTS**

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

For credit calculations for City-funded contracts, see Chapter 11 in The WHITEBOOK. For non-City funded contracts, refer to the Funding Agency Provisions. If no indication of the supplier, manufacturer, or non-supplier is provided, listed firm will receive no credit for purpose of calculating the Subcontractor Participation Percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF VENDOR/SUPPLIER	MATERIALS OR SUPPLIES	DOLLAR VALUE OF MATERIAL OR SUPPLIES (MUST BE FILLED OUT)	SUPPLIER (Yes/No)	MANUFACTURER (Yes/No)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED
Name: <u>Draves Pipeline</u> Address: <u>PO Box 1051</u> City: <u>Bonsall</u> State: <u>CA</u> Zip: <u>92003</u> Phone: <u>760-728-7094</u> Email: <u>dale@dravespipeline.com</u>	Materials	\$162,250	Yes	No	DVBE	CADoGS
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

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.**



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## GLOBAL ENVIRONMENTAL NETWORK INC - #24765

### Supplier Profile

Legal Business Name	GLOBAL ENVIRONMENTAL NETWORK INC		
Doing Business As	GLOBAL ENVIRONMENTAL NETWORK INC		
Address	P O BOX 8068	Phone	(714) 479-1199
	FOUNTAIN VALLEY, CA 92728-8068	FAX	(714) 479-0809
Email	<a href="mailto:Mhorner@safetygeni.com">Mhorner@safetygeni.com</a>		
Web Page	<a href="http://www.my-dvbe.com">http://www.my-dvbe.com</a>		
Business Types	Construction Service Non-Manufacturer		
Service Areas	Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Imperial, Inyo, Kern, Kings, Lake, Lassen, Los Angeles, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Ventura, Yolo, Yuba,		
Keywords	Safety training Traffic equipment Rental SWPPP WPCP WQMP NPDES Engineer Erosion Asbestos Lead Construction Environmental CIH Hygienist Lab Water Soil Air monitoring Geologist PE Crane Backhoe Forklift Drilling Emergency HAZMAT QSP QSD CPESC, CESSWI OSHA B		
Construction License Types	A - General Engineering HAZ - Hazardous Substance Removal Certification		
Classifications	221015 - Earth moving machinery 221016 - Paving equipment 221017 - Heavy equipment components 221018 - Aerial lifts 221019 - Building construction machinery and accessories 221020 - Building demolition machinery and equipment 321518 - Safety control devices 411126 - Hygiene monitoring and testing equipment 422715 - Respiratory monitoring products 423015 - Aids for medical training 432325 - Educational or reference software 461615 - Traffic control 461616 - Water safety 461815 - Safety apparel 461816 - Safety footwear 461817 - Face and head protection 461823 - Fall protection and rescue equipment 461824 - Decontamination aids and safety cleaning equipment		

551217 - Signage  
 721517 - Safety and security system installation services  
 771015 - Environmental impact assessment  
 771016 - Environmental planning  
 771017 - Environmental advisory services  
 771018 - Environmental auditing  
 771115 - Environmental safety services  
 771215 - Air pollution  
 771216 - Soil pollution  
 771217 - Water pollution  
 771315 - Oil pollution  
 771316 - Noise pollution  
 771317 - Toxic substances pollution  
 801015 - Business and corporate management consultation services  
 801115 - Human resource development  
 801116 - Temporary personnel services  
 811015 - Civil engineering  
 811022 - Transportation engineering  
 861018 - In service training and manpower development

## Active Certifications

TYPE	STATUS	FROM	TO
SB	Approved	Feb 27, 2014	Feb 29, 2016
DVBE	Approved	Feb 27, 2014	Feb 29, 2016

## Certification History

TYPE	STATUS	FROM	TO
DVBE	Expired	Jan 28, 2013	Feb 28, 2014
SB	Expired	Jan 28, 2013	Feb 28, 2014
DVBE	Expired	Dec 16, 2011	Jan 31, 2013
SB	Expired	Dec 16, 2011	Jan 31, 2013
DVBE	Expired	Oct 31, 2010	Dec 31, 2011
SB	Expired	Oct 31, 2010	Dec 31, 2011
SB	Expired	Oct 12, 2009	Nov 30, 2010
DVBE	Expired	Oct 12, 2009	Nov 30, 2010
SB (Micro)	Expired	Oct 12, 2006	Oct 31, 2009
DVBE	Expired	Oct 12, 2006	Oct 31, 2009
DVBE	Expired	Aug 11, 2004	Apr 30, 2006
SB	Expired	Aug 11, 2004	Apr 30, 2006
DVBE	Expired	Nov 24, 2003	Aug 31, 2004



City of San Diego

Landmark Consulting

Company Information

Company Search

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Name: Landmark Consulting  
 Phone: 858-587-8070  
 Fax:  
 URL: www.lmco.net  
 Market Area: Regional  
 Business Unit:  
 Date Established: 09/27/1997  
 No. of Employees: 13  
 Race/Ethnicity:  
 Gender:

Contact Information

Name: Paul Brendick  
 Phone: 858-587-8070  
 Email: paul@lmco.net  
 Primary Address: 9555 Genesee Avenue, Suite 200, San Diego, CA, 92121

Certification Information

Agency	Certificate Type	Issued Date	Recertification Date	Expiration Date
City_of_San_Diego	SLBE	09/13/2013	Unknown	09/13/2015

Product/Service Description: Professional Services

Industries and Services Information

Industry	Service/Product
541 Professional, Scientific and Technical Services	541330 Engineering Services
541 Professional, Scientific and Technical Services	541340 Drafting Services
541 Professional, Scientific and Technical Services	541370 Surveying and Mapping (except Geophysical) Services
908 ARCHITECTURAL SERVICES, PROFESSIONAL	90666 Planning, Site (Installation and Project)
907 ARCHITECTURAL AND ENGINEERING SERVICES, NON-PROFESSIONAL	90738 Drafting Services
907 ARCHITECTURAL AND ENGINEERING SERVICES, NON-PROFESSIONAL	90779 Surveying Services (Not Aerial or Research)
918 CONSULTING SERVICES	91800 CONSULTING SERVICES
918 CONSULTING SERVICES	91812 Analytical Studies and Surveys (Consulting)
918 CONSULTING SERVICES	91842 Engineering Consulting
918 CONSULTING SERVICES	91889 Real Estate/Land Consulting (Including Land Survey Consulting)
918 CONSULTING SERVICES	91892 Urban Planning Consulting
925 ENGINEERING SERVICES, PROFESSIONAL	92500 ENGINEERING SERVICES, PROFESSIONAL
961 MISCELLANEOUS SERVICES, NO. 1 (NOT OTHERWISE CLASSIFIED)	96143 Hydrological and Oceanography Services
961 MISCELLANEOUS SERVICES, NO. 1 (NOT OTHERWISE CLASSIFIED)	96164 Satellite Global Information Positioning System Services
961 MISCELLANEOUS SERVICES, NO. 1 (NOT OTHERWISE CLASSIFIED)	96194 Zoning, Land Use Studies
962 MISCELLANEOUS SERVICES, NO. 2 (NOT OTHERWISE CLASSIFIED)	96252 Mapping Services (Including Cartography and Surveying Services, Not Aerial)(See 920-33 for Digitized Mapping Services) and 905-10 for Aerial Mapping and Survey Services)
968 PUBLIC WORKS AND RELATED SERVICES	96800 PUBLIC WORKS AND RELATED SERVICES
968 PUBLIC WORKS AND RELATED SERVICES	96866 Right of Way Services (Including Title, Appraisal, Negotiation, Closing, Relocation, Condemnation, etc.)

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HUDSON SAFE-T-LITE RENTALS

Company Information

Name: HUDSON SAFE-T-LITE RENTALS  
 Phone: 619-441-3644  
 Fax:  
 URL:  
 Market Area:  
 Business Unit:  
 Date Established:  
 No. of Employees: 0  
 Race/Ethnicity:  
 Gender:

Contact Information

Name: BOB EICHHORST  
 Phone: 619-441-3644  
 Email: Georgina@hudsonsafetlite.com  
 Primary Address: 777 Gable Way, El Cajon, CA, 92020

Certification Information

Agency	Certificate Type	Issued Date	Recertification Date	Expiration Date
City_of_San_Diego	SLBE	01/18/2016	12/22/2014	01/18/2017

Product/Service Description: Supplier

Industries and Services Information

Industry

237 Heavy and Civil Engineering Construction  
 332 Fabricated Metal Product Manufacturing  
 339 Miscellaneous Manufacturing  
 423 Merchant Wholesalers, Durable Goods  
 561 Administrative and Support Services  
 801 SIGNS, SIGN MATERIALS, SIGN MAKING EQUIPMENT, AND RELATED SUPPLIES  
 962 MISCELLANEOUS SERVICES, NO. 2 (NOT OTHERWISE CLASSIFIED)  
 968 PUBLIC WORKS AND RELATED SERVICES  
 968 PUBLIC WORKS AND RELATED SERVICES

Service/Product

237310 Highway, Street, and Bridge Construction  
 332999 All Other Miscellaneous Fabricated Metal Product Manufacturing  
 339950 Sign Manufacturing  
 423990 Other Miscellaneous Durable Goods Merchant Wholesalers  
 561990 All Other Support Services  
 80100 SIGNS, SIGN MATERIALS, SIGN MAKING EQUIPMENT, AND RELATED SUPPLIES  
 96279 Sign Making Services  
 96880 Traffic Sign Installation and/or Removal Services  
 96884 Traffic Control Services (To Include Placement and Removal of Control Devices)

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Photo Geodetic Corporation

Company Information

Name: Photo Geodetic Corporation  
 Phone: (619) 631-1366  
 Fax: 619-631-1375  
 URL: www.photogeodetic.com  
 Market Area:  
 Business Unit:  
 Date Established:  
 No. of Employees: 6  
 Race/Ethnicity: Caucasian American  
 Gender: Male

Contact Information

Name: Michael G. Ing, Sr.  
 Phone: 619-631-1366  
 Email: MIng@photogeodetic.com  
 Primary Address: 1161 E. Main Street, Suite 102, El Cajon, CA, 92021

Certification Information

Agency	Certificate Type	Issued Date	Recertification Date	Expiration Date
City_of_San_Diego	ELBE	03/18/2011	06/28/2013	06/28/2015

Product/Service Description: Topographic mapping and digital orthophoto from provided aerial photography

Industries and Services Information

Industry	Service/Product
541 Professional, Scientific and Technical Services	541370 Surveying and Mapping (except Geophysical) Services

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G. Scott Asphalt, Inc.

Company Information

Name: G. Scott Asphalt, Inc.  
 Phone: 619-420-1854  
 Fax: 619-420-1859  
 URL: www.asphaltrepairs.com  
 Market Area:  
 Business Unit:  
 Date Established:  
 No. of Employees: 19  
 Race/Ethnicity: Caucasian American  
 Gender: Male

Contact Information

Name: Daniel C. Wemple  
 Phone: 619-420-1854  
 Email: Joe@asphaltrepairs.com  
 Primary Address: 358 Trousdale Drive, Chula Vista, CA, 91910

Certification Information

Agency	Certificate Type	Issued Date	Recertification Date	Expiration Date
State of California Dept. of Gen Services	DVBE	12/04/2013	Unknown	12/31/2016
City_of_San_Diego	SLBE	11/14/2013	11/14/2013	11/14/2015

Product/Service Description: Asphalt repair & maintenance, parkinglot lot seal & stripping, road slurry seal.

Industries and Services Information

Industry	Service/Product
237 Heavy and Civil Engineering Construction	237310 Highway, Street, and Bridge Construction
238 Specialty Trade Contractors	238990 All Other Specialty Trade Contractors

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City of San Diego

Sutherland Contracting, Inc.

Company Information

Company Search

City\_of\_San\_Diego News & Events

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Name: Sutherland Contracting, Inc.  
 Phone: 619-588-8895  
 Fax: 619-579-1993  
 URL:  
 Market Area:  
 Business Unit:  
 Date Established:  
 No. of Employees: 3  
 Race/Ethnicity: Caucasian American  
 Gender: Female

Contact Information

Name: Kristi Sutherland  
 Phone: 619-588-8895  
 Email: KSuthe4187@aol.com  
 Primary Address: 2007 Muira Lane, El Cajon, CA, 92019

Certification Information

Agency	Certificate Type	Issued Date	Recertification Date	Expiration Date
City_of_San_Diego	SLBE	11/17/2014	11/17/2014	11/17/2016

Product/Service Description: Electrical construction-installation of traffic signals and street lighting, video detection, loops and cameras.

Industries and Services Information

Industry	Service/Product
238 Specialty Trade Contractors	238210 Electrical Contractors and Other Wiring Installation Contractors

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Company Search

City\_of\_San\_Diego News & Events

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Vic Salazar Enterprises, LLC

Company Information

Name: Vic Salazar Enterprises, LLC  
 Phone: 619- 517-4744  
 Fax: 619-334-4156  
 URL: www.vicsalazar.com  
 Market Area:  
 Business Unit:  
 Date Established:  
 No. of Employees: 1  
 Race/Ethnicity: Latino American  
 Gender: Male

Contact Information

Name: Vic Salazar  
 Phone: 619-517-4744  
 Email: vic@vicsalazar.com  
 Primary Address: 2247 Indigo Drive, El Cajon, CA, 92019

Certification Information

Agency	Certificate Type	Issued Date	Recertification Date	Expiration Date
CalTrans	DBE	Unknown	Unknown	01/01/2050
City_of_San_Diego	ELBE	12/03/2014	12/03/2014	12/03/2016
CPUC	MBE	Unknown	Unknown	11/10/2017

Product/Service Description: Community outreach, public relations, video production, event planning, marketing

Industries and Services Information

Industry	Service/Product
512 Motion Picture and Sound Recording Industries	512110 Motion Picture and Video Production
541 Professional, Scientific and Technical Services	541613 Marketing Consulting Services
541 Professional, Scientific and Technical Services	541820 Public Relations Agencies
711 Performing Arts, Spectator Sports, and Related Industries	711320 Promoters of Performing Arts, Sports, and Similar Events without Facilities

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**YBS CONCRETE INC.**

**Company Information**

Name: YBS CONCRETE INC.  
 Phone: 619-271-6122  
 Fax: 619-207-0008  
 URL:  
 Market Area:  
 Business Unit:  
 Date Established: 01/07/2011  
 No. of Employees: 0  
 Race/Ethnicity: Latino American  
 Gender: Male

**Contact Information**

Name: RUDY SANCHEZ  
 Phone: 619-271-6122  
 Email: ybsconcreteincorp@gmail.com  
 Primary Address: 821 Kuhn Dr., Ste. 204, Chula Vista, CA, 91914

**Certification Information**

Agency	Certificate Type	Issued Date	Recertification Date	Expiration Date
City_of_San_Diego	ELBE	01/07/2015	12/23/2014	01/07/2017

Product/Service Description: Construction

**Industries and Services Information**

Industry	Services/Product
237 Heavy and Civil Engineering Construction	237310 Highway, Street, and Bridge Construction
238 Specially Trade Contractors	238110 Poured Concrete Foundation and Structure Contractors
238 Specially Trade Contractors	238120 Structural Steel and Precast Concrete Contractors
238 Specially Trade Contractors	238140 Masonry Contractors
910 BUILDING MAINTENANCE, INSTALLATION AND REPAIR SERVICES	91051 Masonry, Concrete, and Stucco Maintenance, Finishing, and Repair (Includes Inside Concrete Sawing and Grouting Work)
912 CONSTRUCTION SERVICES, GENERAL (INCL. MAINTENANCE AND REPAIR SERVICES)	91273 Paver Block Installation
913 CONSTRUCTION SERVICES, HEAVY (INCL. MAINTENANCE AND REPAIR SERVICES)	91336 Construction, Parking Lot and Alley
913 CONSTRUCTION SERVICES, HEAVY (INCL. MAINTENANCE AND REPAIR SERVICES)	91350 Construction, Street (Major and Residential)(Includes Reconstruction)
913 CONSTRUCTION SERVICES, HEAVY (INCL. MAINTENANCE AND REPAIR SERVICES)	91382 Maintenance and Repair, Sidewalk and Driveway (Including Removal)
914 CONSTRUCTION SERVICES, TRADE (NEW CONSTRUCTION)	91430 Concrete
914 CONSTRUCTION SERVICES, TRADE (NEW CONSTRUCTION)	91455 Masonry

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City of San Diego

Payneco Specialties, Inc.

Company Information

Company Search

City\_of\_San\_Diego News & Events

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Name: Payneco Specialties, Inc.  
 Phone: 619-422-9204  
 Fax: 619-427-1620  
 URL: www.payco.biz  
 Market Area:  
 Business Unit:  
 Date Established:  
 No. of Employees: 18  
 Race/Ethnicity: Caucasian American  
 Gender: Female

Contact Information

Name: Rebecca Llewellyn  
 Phone: 619-422-9204  
 Email: Dora@payco.biz  
 Primary Address: 120 North 2nd Avenue, Chula Vista, CA, 91910

Certification Information

Agency	Certificate Type	Issued Date	Recertification Date	Expiration Date
CalTrans	DBE	Unknown	Unknown	12/04/2050
City_of_San_Diego	SLBE	10/08/2010	12/04/2013	12/04/2015
CalTrans	SWBE	Unknown	Unknown	12/04/2015
CPUC	WBE	Unknown	Unknown	01/15/2017

Product/Service Description: Striping and marking

Industries and Services Information

Industry	Service/Product
237 Heavy and Civil Engineering Construction	237310 Highway, Street, and Bridge Construction
238 Specialty Trade Contractors	238990 All Other Specialty Trade Contractors

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City of San Diego

RAP Engineering, Inc.

Company Information

Name: RAP Engineering, Inc.  
 Phone: 760-233-2980  
 Fax: 760-233-2984  
 URL:  
 Market Area:  
 Business Unit:  
 Date Established:  
 No. of Employees: 21  
 Race/Ethnicity: Latino American  
 Gender: Male

Contact Information

Name: Robert Perez  
 Phone: 760-233-2980  
 Email: rperez@rapengInc.com  
 Primary Address: 420 Olive Ave., Vista, CA, 92083

Certification Information

Agency	Certificate Type	Issued Date	Recertification Date	Expiration Date
CPUC	DBE	08/30/2012	Unknown	06/23/2050
City_of_San_Diego	SLBE	06/23/2014	Unknown	06/23/2016
CalTrans	SMBE	09/25/2012	Unknown	10/01/2050

Product/Service Description: Asphalt paving and grading

Industries and Services Information

<b>Industry</b>	<b>Service/Product</b>
237 Heavy and Civil Engineering Construction	237310 Highway, Street, and Bridge Construction

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## DRAVES PIPELINE - #45

### Supplier Profile

Legal Business Name	DRAVES PIPELINE		
Doing Business As	DRAVES PIPELINE		
Address	P O BOX 1051 BONSALL, CA 92003	Phone	(760) 728-7094
		FAX	(760) 728-0086
Email	<a href="mailto:dale@dravespipeline.com">dale@dravespipeline.com</a>		
Web Page	<a href="http://www.dravespipeline.com">http://www.dravespipeline.com</a>		
Business Types	Service Non-Manufacturer		
Service Areas	Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Imperial, Inyo, Kern, Kings, Lake, Lassen, Los Angeles, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Ventura, Yolo, Yuba,		
Keywords	heavy construction equipment rental leasing n.e.c. truck without drivers construction material sales lumber other bldg. materials dealers pipe sales pipe fittings valves plumbing supplies site utilities sewer water storm drain conduit dry utilities pump Fe		
Classifications	221017 - Heavy equipment components 221019 - Building construction machinery and accessories 301036 - Structural products 301217 - Road and railroad construction materials 401416 - Valves 401423 - Pipe fittings 401424 - Pipe flanges 401700 - Pipe piping and pipe fittings		

### Active Certifications

TYPE	STATUS	FROM	TO
SB (Micro)	Approved	Jun 3, 2013	Jun 30, 2017
DVBE	Approved	Jun 5, 2013	Jun 30, 2017

### Certification History

TYPE	STATUS	FROM	TO
DVBE	Expired	Aug 23, 2011	Jul 31, 2013
SB (Micro)	Expired	Jul 6, 2011	Jul 31, 2013
DVBE	Expired	Aug 23, 2010	Sep 30, 2011
SB (Micro)	Expired	Sep 24, 2009	Sep 30, 2011
DVBE	Expired	Sep 24, 2009	Sep 30, 2010
DVBE	Expired	Sep 22, 2008	Oct 31, 2009
SB (Micro)	Expired	Sep 22, 2008	Oct 31, 2009
DVBE	Expired	Oct 10, 2007	Oct 31, 2008
SB	Expired	Oct 10, 2007	Oct 31, 2008
SB	Expired	Nov 1, 2004	Oct 31, 2007
DVBE	Expired	Oct 29, 2004	Oct 31, 2007
SB	Expired	Nov 19, 2001	Oct 31, 2004
DVBE	Expired	Dec 24, 2001	Oct 31, 2004
SB	Expired	Aug 4, 1999	Dec 31, 2001
SB	Expired	Apr 16, 1999	Dec 31, 2001
DVBE	Expired	Aug 4, 1999	Dec 31, 2001
SB	Expired	Apr 12, 1996	Apr 30, 1998

**ATTACHMENT H**  
**PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND**

**PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND**

**FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:**

**TC Construction Co., Inc.**, a corporation, as principal, and  
**Liberty Mutual Insurance Company**, a corporation authorized to do business  
in the State of California, as Surety, hereby obligate themselves, their successors and assigns, jointly and  
severally, to The City of San Diego a municipal corporation in the sum of  
**Two Million Two Hundred Ninety-Seven Thousand Four Hundred Dollars and 00/100**  
**(\$2,297,400.00)** for the faithful performance of the annexed contract, and in the sum of **Two Million Two**  
**Hundred Ninety-Seven Thousand Four Hundred Dollars and 00/100 (\$2,297,400.00)** for the  
benefit of laborers and materialmen designated below.

**Conditions:**

If the Principal shall faithfully perform the annexed contract **Sorrento Mesa Recycled Water Pipeline**, Proposal Number **K-15-1355-MAC-3**, San Diego, California then the obligation herein with respect to a faithful performance shall be void; otherwise it shall remain in full force.

If the Principal shall promptly pay all persons, firms and corporations furnishing materials for or performing labor in the execution of this contract, and shall pay all amounts due under the California Unemployment Insurance Act then the obligation herein with respect to laborers and materialmen shall be void; otherwise it shall remain in full force.

The obligation herein with respect to laborers and materialmen shall inure to the benefit of all persons, firms and corporations entitled to file claims under the provisions of Chapter 3 of Division 5 of Title I of the Government Code of the State of California or under the provisions of Section 3082 et seq. of the Civil Code of the State of California.

Changes in the terms of the annexed contract or specifications accompanying same or referred to therein shall not affect the Surety's obligation on this bond, and the Surety hereby waives notice of same.

**CONTRACT FORMS ATTACHMENTS (continued)**  
**PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND**

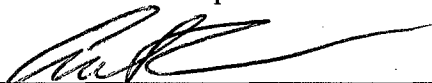
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The Surety shall pay reasonable attorney's fees should suit be brought to enforce the provisions of this bond.

Dated June 16, 2015

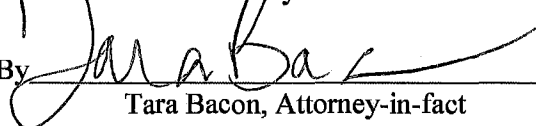
Approved as to Form

TC Construction Company, Inc.  
Principal

By 

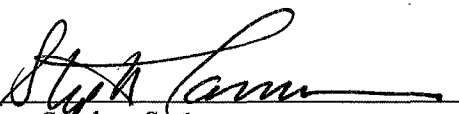
Austin Cameron, President  
Printed Name of Person Signing for Principal

Liberty Mutual Insurance Company  
Surety

By   
Tara Bacon, Attorney-in-fact

Approved:

790 The City Drive South, Suite 200  
Local Address of Surety

By   
Stephen Samara,  
Principal Contract Specialist (Acting)

Orange, CA 92868  
Local Address (City, State) of Surety

(800) 763-9268  
Local Telephone No. of Surety

Premium \$22,544.00

Bond No. 024061775

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )  
County of San Diego )  
On June 17, 2015 before me, Sandra Weeks, Notary Public  
Date Here Insert Name and Title of the Officer  
personally appeared Austin Cameron  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Sandra Weeks  
Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

**Description of Attached Document**

Title or Type of Document: Performance Bond and Labor and Material Men's Bond Document Date: \_\_\_\_\_  
Number of Pages: 1 Signer(s) Other Than Named Above: N/A

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: Austin Cameron  
 Corporate Officer — Title(s) President  
 Partner —  Limited  General  
 Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  
Signer Is Representing: TC Construction

Signer's Name: \_\_\_\_\_  
 Corporate Officer — Title(s): \_\_\_\_\_  
 Partner —  Limited  General  
 Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  
Signer Is Representing: \_\_\_\_\_

**THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.**

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 6846220

American Fire and Casualty Company  
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company  
West American Insurance Company

**POWER OF ATTORNEY**

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Bradley R. Orr; Dale G. Harshaw; Geoffrey Shelton; John R. Qualin; Kyle King; Tara Bacon

all of the city of San Diego, state of CA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 23rd day of January, 2015.



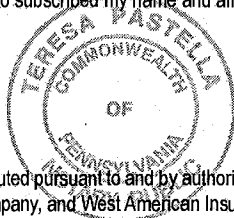
American Fire and Casualty Company  
The Ohio Casualty Insurance Company  
Liberty Mutual Insurance Company  
West American Insurance Company

By: David M. Carey  
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss  
COUNTY OF MONTGOMERY

On this 23rd day of January, 2015, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



Notarial Seal  
Teresa Pastella, Notary Public  
Plymouth Twp., Montgomery County  
My Commission Expires March 28, 2017  
Member, Pennsylvania Association of Notaries

By: Teresa Pastella  
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

**ARTICLE IV - OFFICERS - Section 12. Power of Attorney.** Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

**ARTICLE XIII - Execution of Contracts - SECTION 5. Surety Bonds and Undertakings.** Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

**Certificate of Designation -** The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

**Authorization -** By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 16th day of June, 20 15.



By: Gregory W. Davenport  
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.



**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**  
**CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

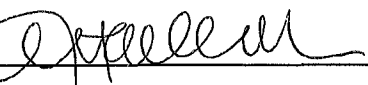
State of California  
County of San Diego

On June 16, 2015 before me, Maria Hallmark, Notary Public  
(insert name and title of the officer)

personally appeared Tara Bacon,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the  
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing  
paragraph is true and correct.

WITNESS my hand and official seal.

Signature 

(Seal)



# City of San Diego

CITY CONTACT: CLEMENTINA GIORDANO, Contract Specialist, Email: cgiordano@sandiego.gov  
Phone No.: 619-533-3481, Fax No.: 619-533-3633

## ADDENDUM "A"

# REQUEST FOR PROPOSAL (RFP) FOR



### Sorrento Mesa Recycled Water Pipeline

RFQ NO.:	12MCL100
PROPOSAL NO.:	K-15-1355-MAC-3
TASK ORDER NO.:	15
SAP NO. (WBS/IO/CC):	B-15080
CLIENT DEPARTMENT:	2013
COUNCIL DISTRICT:	6
PROJECT TYPE:	HC

### PROPOSAL DUE:

12:00 NOON  
JUNE 2, 2015  
CITY OF SAN DIEGO  
PUBLIC WORKS CONTRACTS  
1010 SECOND AVENUE, 14<sup>th</sup> FLOOR, 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. BIDDER'S QUESTIONS**

Q1. Is chlorination, disinfection, and bacteria testing required on recycled water pipelines?

A1. Yes. All testing requirements will be per City of San Diego Water Department, Recycled Water System Guidelines, Book 7.

Q2. If the main installation only disturbs the pavement on one side of a raised median do we slurry seal only that side of the street or is the full width of the roadway on both sides of the median to receive slurry seal?

A2. Slurry all affected street. Slurry only one side of the median if only one side is effected, if both sides of median are effected in any way by construction activities both sides shall be slurry sealed.

James Nagelvoort, Director  
Public Works Department

Dated: *May 21, 2015*  
San Diego, California

JN/RB/egz

# City of San Diego

CITY CONTACT: Clementina Giordano, Contract Specialist, Email: Cgiordano@sandiego.gov  
Phone No. (619) 533-3481, Fax No. (619) 533-3633

## ADDENDUM "2"

## REQUEST FOR PROPOSAL (RFP)



## FOR

## Sorrento Mesa Recycled Water Pipeline

RFQ NO.:	12MCL100
PROPOSAL NO.:	K-15-1355-MAC-3
TASK ORDER NO.:	15
SAP NO. (WBS/IO/CC):	B-15080
CLIENT DEPARTMENT:	2013
COUNCIL DISTRICT:	6
PROJECT TYPE:	HC

### PROPOSAL DUE:

12:00 NOON

JUNE 4, 2015

CITY OF SAN DIEGO

PUBLIC WORKS CONTRACTS

1010 SECOND AVENUE, 14<sup>th</sup> FLOOR, 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 ON THE COVER PAGE.**

**B. BIDDER'S QUESTIONS**

- Q1. For the Proposal Submittal Requirements, Section 7.1.9 asks for the Traffic control management and then again for the same thing on Section 8.1, is this right? Same goes for Section 7.3 Critical Path Schedule and then again for Section 9.1. Can I get more clarification in regards which information would you like to have in each of the sections?
- A1. See revised Attachment F of this Addendum.
- Q2. Appendix "E" – Pg. 109 Location Map – Shows the waterline on Wireless Way to be an "Existing Recycled Water Pipes" and is colored in Purple. The PDF File Map titled "Sorrento Mesa Recycled Water Pipeline Extension" that the City provided as part of the bridging documents shows the same section of pipeline on Wireless Way in blue color called out as "Existing Potable Main Pipeline". Is this line currently a Potable water main or a Recycled Water main? Is it currently purple C-900 pipe? If it is not will the City require this section of pipe to be replaced and upgraded to be purple C-900 pipe in conjunction with the specification for Recycled Water Mains? Should this be included as part of the scope of work for this area?
- A2. No work will be done to the mains in Wireless Way, project scope is only what we have indicated on the scope map within City right-of-way. Wireless Way is private property, maps may not represent all existing pipeline in this area. Ignore pipe colors on maps outside of City right-of-way.
- Q3. Pg. 20 – Section 2.6.1. States - Conducting investigations, as-built research, and design survey services including physical and aerial surveys if needed for the completion of design work. The City often provides the topographic survey for the MACC task orders. Please confirm that the City will NOT be providing topographic mapping for the project?
- A3. The City will NOT be providing topographic mapping for this project.
- Q4. Pg. 20 – Section 2.6.9 – The City is asking for landscaping and "re-vegetation". Where does the City want this work done, and how long of a duration would like for the re-vegetation period to be in association with the accelerated schedule that has been requested?

- A4. During construction, any damaged landscaping and vegetation will be replaced in-kind. These areas will be determined by the design-build team and construction activities. Plant Establishment Period will be 90 Calendar Days per the "Whitebook".

**C. CLARIFICATIONS**

1. To Addendum A, all references to "ADDENDUM A" shall be revised to read "ADDENDUM 1".

**D. CHANGES TO THE REQUEST FOR PROPOSALS**

1. To Attachment A, PROJECT DESCRIPTION, SCOPE OF WORK, AND TECHNICAL SPECIFICATIONS (BRIDGING DOCUMENTS), page 21, Item 3, City Services, **DELETE** Sub-item "3.1.4. Construction Survey" in its entirety.
2. To Attachment A, PROJECT DESCRIPTION, SCOPE OF WORK, AND TECHNICAL SPECIFICATIONS (BRIDGING DOCUMENTS), page 25, Item 13., "Surveying", **DELETE** in its entirety and **SUBSTITUTE** with the following:

**13. Surveying:**

**13.1.** The Design-Builder shall perform all physical and aerial surveys as needed to prepare the construction plans and as-built drawings in accordance with the City standards.

**13.2.** Construction surveying will be performed by the Design-Builder.

**13.3.** City surveying crew will perform monument preservation, and property line stakes during construction.

**13.4** The Design-Builder shall adhere to Section 2-9.2 of Attachment E for Surveying Services.

3. To Attachment E, SUPPLEMENTARY SPECIAL PROVISIONS, Section 2 - Scope and Control of Work, **ADD** the following:

**2-9.1 Permanent Survey Markers.** To the City Supplement, **DELETE** in its entirety and **SUBSTITUTE** with the following:

Pursuant to Division 3, Chapter 15 of the Business and Professions Code, the Contractor shall not disturb survey monuments that "control the location of subdivisions, tracts, boundaries, roads, streets, or highways, or provide horizontal or vertical survey control" until they have been tied out by a Registered Land Surveyor or Registered Civil Engineer authorized to practice land surveying within the State of California.

Monument Preservation will be performed by City Public Works Field Engineering Division (PW-FED) Field Survey Section on all Projects, unless permission is obtained for these services in writing by PW-FED.

The Contractor shall submit to the Engineer a minimum of 7 Days prior to the start of the Work a list of controlling survey monuments which may be disturbed. The Agency (or the owner on a Private Contract) will:

1. set survey points outside the affected work area that reference and locate each controlling survey monument that may be disturbed,
2. file a Corner Record or Record of Survey with the County Surveyor after setting the survey points to be used for re-establishment of the disturbed controlling survey monuments, and
3. file a Corner Record of Record of Survey with the County Surveyor after re-establishment of the disturbed controlling survey monuments.

Right-of-way staking will be performed by City Public Works Field Engineering Division (PW-FED) Field Survey Section on this project for pedestrian ramps and where limits of construction are necessary.

**2-9.2 Survey Service.** DELETE in its entirety and SUBSTITUTE with the following:

Prior to start of construction, you shall submit a letter to the Engineer identifying the Licensed Land Surveyor or the Registered Civil Engineer authorized to practice land surveying within the State of California performing the survey services for the Project.

You are responsible for performing and meeting the accuracy of surveying standards adequate for construction through a Licensed Land Surveyor or a Registered Civil Engineer authorized to practice land surveying within the State of California.

Survey stakes shall be set and stationed by you for curbs, headers, water mains, sewers, storm drains, structures, rough grade, and any other structures and appurtenances that are needed for the Project. A corresponding cut or fill to finished grade (or flow line) must be indicated on a grade sheet.

Surveys performed must list the basis of bearings as tied to Record of Survey 14492 or equivalent, based on the California Coordinate System of 1983, Zone 6, U.S. Survey foot, epoch 1991.35, along with a completed calibration sheet (blank form will be supplied by City Surveys). The vertical datum used must be NGVD 29 in accordance with the City of San Diego Vertical Bench Book.

You shall preserve construction survey stakes, control points and other survey related marks for the duration of the Project. If any construction survey stakes are lost or disturbed, and need to be replaced, such replacement will be performed by the Engineer at your expense.

**2-9.2.1 Survey Files.** All Computer Aided Drafting (CAD) work must be done in accordance with The City of San Diego's Citywide Computer Aided Design and Drafting (CADD) Standards and must be in City seed files (.job, .txt, .dgn, .alg, .raw, .fwd, .dtm, .pdf, .docx, .xlsx, .tif, and .jpg).

All survey files must be completed in accordance with the City of San Diego's Citywide CADD Standards and must adhere to City's Microstation level and attribute structure.

The survey file deliverable will be either one Master .dgn file containing all xref's in geospatially referenced (and attached) models or one Master dgn with all xref's geospatially referenced (and attached) as dgn files. Resource files will be sent to Contractor if requested.

Survey files must include, but not limited to, the following items:

1. Street center line and (record width) right-of-way lines
2. Project geometry (.alg) files (this will be generated for use in InRoads)
3. 3D surface model (.dtm, break line and spot elevation) file
4. Spot elevations of the new utility main at each intersection, midblock and for any change in grade
5. Monuments
6. Curb lines (top curb and gutter)
7. All other appurtenances including but not limited to water valves, meters, vaults, manholes, fire hydrants, utility boxes, cleanouts and poles

You shall use the survey information to produce red-lines drawings as described in Section 2-5.4 "Red-Lines and Record Documents."

**2-9.2.2 Submittal.** Survey files shall be submitted in accordance with Section 2-5.3 "Submittals" and 2-5.4 "Red-Lines and Record Documents." You shall provide the Survey Files, proposed Drawings and or Red-Line Drawings on a CD/DVD to the Engineer and post the Survey Files, proposed Drawings and or Red-Line Drawings at the following website:

<ftp://ftp.sanmet.gov/IN/SURVEYS/>

After the documents have been posted the website, you shall send a



confirmation email, which includes the hyperlink to the website, to the Engineer and SurveyReview@sandiego.gov.

All survey work and submittals which reveal non-compliance with the requirements of the Construction Documents shall be corrected as deemed necessary by the Engineer and the cost of the corrections to your survey submittals will be at your expense.

4. To Attachment F, PROPOSAL SUBMITTAL REQUIREMENTS AND SELECTION CRITERIA, pages 114 through 119, **DELETE** in their entirety and **SUBSTITUTE** with pages 7 through 12 of this Addendum.

James Nagelvoort, Director  
Public Works Department

Dated: *May 29, 2015*  
San Diego, California

JN/RB/egz

**ATTACHMENT F**  
**PROPOSAL SUBMITTAL REQUIREMENTS, AND SELECTION**  
**CRITERIA**

## ATTACHMENT F

### 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 (5 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 any changes to the key personnel identified as part of the SOQ. Describe the strength of key proposed construction and technical personnel, and Subcontractors assigned to the Project. Provide a list of subcontractors which were given the opportunity to form your project team.

6. **Technical Approach and Design Concept (20 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** 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.

**6.2.3** Paving Restoration.

**6.2.4** Water highlining plan for each site

**6.2.5** Phasing of design and construction work of each site separately

**6.2.6** Curb Ramp Design and Installation plan pursuant to the ADA Preliminary Engineering report (part of the bridging documents) and highlight any Modification, if any.

**6.2.7** Phasing and Coordination with Adjacent Projects

**6.2.8** Storm Water Pollution Control Best Management Practices.

**6.2.9** Subsurface Investigation and Geotechnical Work.

**6.2.10** Describe the design criteria (standards, testing, etc...) and regulations for City of San Diego recycled water system. How does it differ from the City of San Diego potable water system regarding design and regulations.

**7. Construction Plan (20 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 Phasing of design and construction work of each site separately
  - 7.1.8 Proposed construction schedule
  - 7.1.9 Community Impact
  - 7.1.10 How the Team coordinates the exact locations for the recycled water services and meters with Qualcomm personnel.
- 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. 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.
- 7.4. Describe any cost saving measures, not included in your proposal that the City of San Diego Team should consider, and the Design-Builder is willing to implement. For each recommendation, the percentage of your price proposal or time would be saved.
- 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.

- 7.6. Community Coordination – Due to the summer moratoriums, how do you plan to phase the project and keep the community informed?
- 7.7. Staging Area and project cleanup – What is your plan for staging area and project cleanup (during construction and moratorium phases) to minimize residents and visitors concerns?
- 7.8. Residents and Visitors – how will traffic and bus stops be impacted? How will you minimize the impacts?
- 7.9. Construction mitigation plan to minimize impacts to local businesses (i.e. impacts the business access and parking)
- 7.10. What protocol will you have to insure that the City of San Diego potable water system will not be compromise (tapped into) during construction.

**8. Traffic Control Approach (20 Points Max)**

- 8.1. The Design-Builder shall describe its general approach to developing a traffic control and local access management plan (Traffic Control Plan).

**9. Schedule for Base Bid and Alternate (20 Points Max)**

- 9.1. 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. This being stated:

9.1.1. Provide schedule for the contract duration of 240 Working Days.

9.1.2. Provide schedule for the accelerated contract duration of 176 Working Days;

- a) Design Builder can assume City turnaround times will be half of specified time in ATTACHMENT A:

3.0 City Services, Sections 3.1.1 and 3.1.2, page 21.

5.0 Review of the Design-Builder's Design Submittals, Section 5.1, page 22.

- b) Design Builder can assume the 30% design review by City will be concurrent with Design-Builder's 60% Design – No duration. See ATTACHMENT A, 5.0 Review of the Design-Builder's Design Submittals, Section 5.1, page 22.

**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 the Q&A meeting will be part of the Proposal evaluation and failure to attend the meeting will determine the proposal to be **non-responsive**.