

**CITY OF LA PALMA**  
**Public Works Department**  
**7821 Walker Street**  
**La Palma, California 90623-1771**

**CITY COUNCIL**  
**Gerard Goedhart, Mayor**  
**Marshall Goodman, Mayor Pro Tem**  
**Kathy Flachmeier, Councilmember**  
**Peter Kim, Councilmember**  
**Michele Steggell, Councilmember**

**CITY MANAGER**  
**Laurie Murray**

**COMMUNITY SERVICES DIRECTOR**  
**Michael Belknap**



**REQUEST FOR  
STATEMENT OF QUALIFICATIONS  
AND PROPOSALS**

**FOR**

**GENERAL SEWER CLEANING MAINTENANCE SERVICES (CITYWIDE)  
CITY PROJECT NO. 18-SWR-02**

**October 2018**

**REQUEST FOR  
STATEMENT OF QUALIFICATIONS  
AND PROPOSALS**

**FOR**

**GENERAL SEWER CLEANING MAINTENANCE SERVICES (CITYWIDE)  
CITY PROJECT NO. 18-SWR-02**

**SUMMARY:**

The City of La Palma is soliciting Requests for Proposals (RFP) which includes the firms qualifications from qualified licensed contractors for furnishing all labor, materials, equipment, transportation and such other facilities as may be required to perform contract services providing the cleaning, of sewer infrastructure including sewer mains, sewer manholes, cctv inspection of sewer mains, along with storm drain infrastructure of storm drain manholes and catch basins in the City of La Palma.

In accordance with Labor Code Section 1771.1, a contractor or subcontractor shall not be qualified to (a) bid on or be listed in a bid proposal, or (b) engage in the performance of this work unless the contractor or subcontractor are registered and qualified to perform the Work pursuant to Labor Code Section 1725.5.

**KEY DATES:**

**Proposals Due:                      Thursday, October 25, 2018, at 5:00 PM**

**Parties interested in submitting a Proposal are responsible for monitoring the City's website [www.cityoflapalma.org](http://www.cityoflapalma.org) for addendum prior to the Proposal submittal.**

Location:                                      City of La Palma  
    Community Services Department  
    7821 Walker Street  
    La Palma, CA 90623  
    (714) 690-3310

Award of Contract:                      November, 2018

Annual FY 1819 Budget - \$60,000

**CITY OF LA PALMA  
COMMUNITY SERVICES DEPARTMENT**

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**BACKGROUND:**

The City of La Palma contains approximately 150,000 lineal feet of sewer lines and 673 sewer manholes. There are approximately 20 sewer mainline "hot spots", which require quarterly cleaning each year. The City recently conducted CCTV inspections of the sewer infrastructure which showed vertical displacements, longitudinal cracking, isolated cracks, and horizontal displacement. The City has found that some of the sewer manholes have been covered during paving operations and all manholes require general service inspections. The covered manholes will be required to be located and identified for exposure by a separate contract.

The City has approximately 250 storm drain catch basins requiring annual maintenance. The City performs the annual maintenance on these catch basins. The City will clean all of the catch basins except for ten (10). However, the Contractor will clean those 10 storm drain catch basins due to depth and configuration.

Questions regarding the project and this RFP can be directed to:

Contact: Douglas Benash, PE, QSD, City Engineer  
Community Service Department  
7821 Walker Street  
La Palma, CA 90623  
(714) 690-3310  
(626) 203-2849 cell

**SCOPE OF SERVICES:**

The Contractor shall furnish all labor, materials, equipment, transportation and such other facilities to perform all work necessary in order to conduct the necessary maintenance and documentation for the cleaning of the City's sewer infrastructure and portions of the storm

drain infrastructure. The successful contractor/service provider will be required to execute the City's Standard Contract Services Agreement as shown in Attachment "A".

The selected contractor will be responsible for any on-call emergencies and shall be able to respond and mobilize within 2 hours. A 24 hour call number must be provided.

Each bidder shall be a licensed contractor in the State of California as a C42 Specialty contractor or approved alternate.

The scope of services are as follows:

1. Provide annual sewer mainline cleaning of approximately 150,000 lineal feet of sewer mains. Cleaning shall be in compliance with NASSCO Sewer Cleaning Specifications utilizing vacuum-hydro-jetting procedures. The sewer cleaning specifications are provided in Attachment "C".
2. Provide annual sewer manhole inspection and cleaning of approximately 97 manholes per year per City established maintenance zones. All manhole inspection shall be completed by a NASSCO Manhole Assessment and Certification Program. The Contractor shall provide the inspector name and certification documents with the submitted proposal. The manhole inspection specifications are provided in Attachment "C".
3. Provide quarterly cleaning of the 20 sewer main "hot spots". Cleaning of the "hot spots" shall be in compliance with NASSCO Sewer Cleaning Specifications utilizing vacuum-hydro-jetting procedures. The "hot spot" cleaning specifications are provided in Attachment "C".
4. Provide annual pipe condition assessment using CCTV of all sewer mainlines and incorporate the information into the City's Geographical Information System (GIS) services to populate the sewer infrastructure. CCTV operations shall be in compliance with NASSCO Pipe Condition Assessment Specifications using CCTV. The pipe condition assessment and CCTV specifications are provided in Attachment "C".
5. Provide bi-annual cleaning; prior to October 1 and April 1, of ten (10) catch basin as noted on Page 3, utilizing vacuum-hydro-jetting procedures.

All CCTV operators shall be National Association of Sewer Service Companies (NASSCO) certified by passing the Manhole Assessment and Certification Program (MACP). The methodology of evaluation, data collection and reporting criteria used for the NASSCO certification shall be practiced for all CCTV evaluations in this contract. The Contractor's supervisor(s) must be able to communicate both verbally and in writing with City of La Palma staff as well as with his crew. All work and equipment utilized shall conform to FED-OSHA and CAL-OSHA Title 8 requirements, including, but not limited to work performed in confined spaces and/or gas hazardous environments.

For inspections where entry must be made onto homeowner's property, notice must be given for permission to enter property. Coordination of manhole inspection will be made through City's designated representative who shall be notified at least one week prior to the

Contractor's anticipated work in the area. City representative will provide assistance with manhole access and make arrangements as needed for entry onto private property for the inspection of manholes in easements.

*Confined Space Procedure* -The CCTV inspection shall be conducted from above ground. Manhole entry, if required, shall be conducted in strict accordance with permit required confined space entry regulations. These regulations include, at a minimum, compliance with State and Federal OSHA requirements and OCSD's safety requirements.

*Traffic Control* - All traffic control shall be in accordance with the latest WATCH Manual of Traffic Control. Additional local regulations shall have precedence. Contractor shall apply for all traffic control permits and pay all fees and permits for said permits. City will reimburse Contractor for permit and traffic plan fees. NOTE – Inadequate or improper signing and delineation for traffic control may be cause for the cancellation of the contract.

The Contractor will provide complete detail lists for each scope of services of all possible tasks, charges, Sub-contractor/consultants' charges and/or services, and so on that will accommodate all types of anticipated professional services associated with this project.

### **PROJECT SCHEDULE:**

The tentative schedule for this RFP process is as follows:

- A. Release of RFP – October 3, 2018
- B. Deadline for Written Questions – October 18, 2018
- C. Proposal Due Date – October 25, 2018
- D. Notification to Proposers – Week of October 29, 2018
- E. Oral Interviews with Firms on Short List the week of November 1, 2018
- F. Notification to Firms Recommended for Contract – November 15, 2018
- G. City Council Consideration of Contract – November 20, 2018

### **INSTRUCTIONS TO PROPOSERS:**

A. Examination of Documents: By submitting a proposal, Proposer represents that it has thoroughly examined and become familiar with the items required under this RFP and that it is capable of quality performance to achieve the City's objectives.

B. Addenda: Any changes to the requirements will be made by written addendum to this RFP. Any written addenda issued pertaining to this RFP shall be incorporated into the terms and conditions of any resulting contract. The City will not be bound to any modifications to or deviations from the requirements set forth in this RFP as the result of oral instruction.

C. Clarifications: Should a Proposer require clarifications of this RFP, the Proposer shall notify the City in writing (e-mail is acceptable) in accordance with D. below. Should it be found that the point in question is not clearly and fully set forth, the City will issue a written addendum clarifying the matter which will be sent to all persons who have been sent an RFP.

D. Communications: Proposers are requested to e-mail the City's project manager if, upon receipt of the RFP, they anticipate submitting a proposal. The e-mail should be addressed to micheller@cityoflapalma.org and include the contact name, e-mail address and fax number.

### **PROPOSAL CONTENT REQUIREMENTS:**

- A. A description of your understanding of the services requested and the objectives to be accomplished.
- B. Describe the qualifications of your firm including the past five (5) years experience performing projects that are similar in size and scope to that identified in this RFP.
- C. Identify specific personnel who will be assigned to this project along with their title within the firm, their availability for this project, individual qualifications, task's to be assigned for this project and hourly rate classifications (must match titles on hourly rate schedule).
- D. Provide a list of client references with names, titles and contact information.
- E. State what, if any, items, actions or information the consultant expects to be provided by the City.
- F. A description of efforts your firm will undertake to achieve client satisfaction and to satisfy the requirements of the Scope of Work sections.
- G. Provide a separate, sealed envelope titled "FEE SCHEDULE" that includes, the rates and charges for the 5 items listed in the Scope of Services; and the hourly rate schedule, subcontractor mark-up percentages, if any, and hourly rates, and any other fees/costs that would be part of the billings for services.

### **SUBMISSION OF PROPOSALS:**

1. All proposals are to be submitted to the City of La Palma, Attention Michelle Rusu Administrative Secretary. Proposals are due on October, 25, 2018 before 5:00 p.m. **Proposals received after 5:00 p.m. Thursday, October 25, 2018, will be rejected by the City as non-responsive. Parties interested in submitting a Proposal are responsible for monitoring the City's website [www.cityoflapalma.org](http://www.cityoflapalma.org) for addendum prior to the Proposal submittal.**

2. Proposals shall be addressed as follows:

City of La Palma  
ENGINEERING PROPOSALS  
Attn: Michelle Rusu, Administrative Secretary  
7821 Walker Street  
La Palma, CA 90623

Proposals may be delivered in person as well. Mailed proposals must be received by the City prior to the closing deadline. Postmarks will not be accepted and the City will not assume responsibility for delays in mailing.

3. Proposer shall submit a transmittal letter, signed by an authorized representative of the engineering firm, with three (3) copies of its proposal.
4. The proposal shall include a separate Fee Schedule with each item described in the scope of services cost breakdown, enclosed in a sealed envelope and shall be included with the proposal package and labeled: "FEE SCHEDULE".

#### **ACCEPTANCE OF PROPOSALS:**

1. The City reserves the right to accept or reject any and all offers, or any item or part thereof, or to waive any informalities or irregularities in offers.
2. The City reserves the right to withdraw this RFP at any time without prior notice and the City makes no representations that any contract will be awarded to any proposer responding to this RFP.
3. The City reserves the right to postpone the proposal opening for its own convenience.

#### **PRE-CONTRACTUAL EXPENSES:**

The City shall not, in any event, be liable for any pre-contractual expense incurred by proposer in the preparation and submittal of its proposal and proposer shall not include any such expenses as part of its response.

#### **CONTRACT AWARD:**

Issuance of this RFP and receipt of responses does not commit the City to award a contract. The City reserves the right to accept or reject any or all proposals received in response to this RFP and to negotiate with other than the selected Proposer(s) should negotiations with the selected Proposer be terminated. The City reserves the right to apportion the award among two or more Proposers

**TERM:**

The term of the Contract Services Agreement shall be for (3) three-years with possible two (2), one (1) year extensions.



Attachment "A"

City Professional Services Agreement

**AGREEMENT FOR GENERAL SEWER CLEANING  
MAINTENANCE SERVICES**

THIS AGREEMENT, made and entered into this \_\_\_\_ day of \_\_\_\_\_ 2018, by and between the CITY OF LA PALMA, CALIFORNIA, a municipal corporation of the State of California, hereinafter referred to as the "City", and \_\_\_\_\_ hereinafter called and referred to as the "Contractor".

WITNESSETH:

The parties hereto do agree as follows:

1. RECITALS: This AGREEMENT is made and entered into with respect to the following facts:

a) That City desires to obtain the following services available through Contractor:

\_\_\_\_\_

\_\_\_\_\_

b) That the principal(s) of Contractor represent to the City that Contractor is well qualified to perform such services by reason of Contractor's training and experience.

c) That the public interest, convenience and necessity require that City obtain such services upon the terms and conditions hereinafter set forth.

2. SERVICES:

a) During the term of this Agreement, Contractor shall provide the services set forth in EXHIBIT "A", attached hereto and incorporated herein by this reference, at the location(s) set forth in EXHIBIT "A" and at other locations within the City where such services may from time to time be required.

b) When the City desires to add service locations pursuant to this Agreement, the City shall notify Contractor thereof at least thirty (30) days in advance of the time such service shall commence. In the event any service locations are added which are not shown in EXHIBIT "A", the Contractor and the City shall agree to mutually satisfactory compensation for the services to be performed at such additional service locations, unless compensation for services at such additional service locations is otherwise provided for in this Agreement or the attached EXHIBIT(S).

c) The Contractor shall equip itself with all necessary labor, equipment and materials to perform the services specified in this Agreement.

d) It is understood and agreed that all said services, labor, equipment and materials shall be furnished and all work performed and completed by the Contractor as an independent contractor, subject to the inspection and approval of the City, or the City Representative's office, inspectors, or their representatives.

3. AUTHORITY OF THE CITY REPRESENTATIVE:

a) The "City Representative" shall be Michael S. Belknap, Community Services Director of the City of La Palma, acting personally or through his or her duly authorized agents, each agent acting only within the scope of authority delegated to him or her.

b) The City Representative shall decide any and all questions which may arise as to the quality or acceptability of materials furnished and work performed, and as to the manner of performance and rate of progress of the work. The City Representative shall further decide all questions which may arise as to the acceptable fulfillment of this Agreement on the part of the Contractor; and all questions as to claims and compensations.

c) The City Representative's decisions shall be final, and the City Representative shall have authority to enforce and make effective such decisions and to order that the Contractor carry out such decisions promptly.

4. TERM OF AGREEMENT: This Agreement shall be in full force and effect through \_\_\_\_\_, 2021, and shall expire on that date, with the option of two (2) additional one (1) year extensions. If the first extension option is exercised, the term may be extended from \_\_\_\_\_, 2021 through \_\_\_\_\_. 2022. If the second extension is exercised, the term may be extended from \_\_\_\_\_, 2022 through \_\_\_\_\_, 2023, not to exceed a total contract period of five (5) years. The City reserves the right to terminate the Contract without cause with forty-five (45) days written notice.

5. COMPENSATION:

a) Compensation will be determined according to the schedule and/or amounts set forth in EXHIBIT "A", in an amount not to exceed \$\_\_\_\_\_.

b) The Contractor shall, on a monthly basis, provide the City Representative with an invoice of services performed.

c) Upon receipt of each monthly invoice of services performed and certification of such record by the City Representative, the City will, within thirty (30) days after receipt of such record, pay to the Contractor all certified sums in accordance with EXHIBIT "A".

d) During the term of this Agreement, whenever the Director of Industrial Relations of the State of California issues a general prevailing wage determination that increases the rate to be paid for a specific trade or craft being performed by one or more of Contractor's employees performing work under this Agreement, then, upon each such general prevailing wage determination, the compensation to be paid by the City to the Contractor shall be increased by an amount equal to 100% of the actual additional wage or benefit cost that the Contractor must pay to or on behalf of each of its employees performing the trade or craft under this Agreement and covered by that prevailing wage determination during the annual adjustments of rates. DIR Wage determination rate increases shall only be adjusted during annual adjustment requests submitted by the contractor.

e) Contractor shall be eligible for an adjustment to its rates on an annual basis beginning May 2020, and annually thereafter, if applicable, by a percentage equal to the percentage change in the

Anaheim – Los Angeles – Riverside Consumer Price Index (CPI) at the end of the initial three (3) year Agreement for each additional Agreement extension. Contractor shall submit a rate adjustment request notifying the City of the applicable CPI or DIR, whichever is higher but not both, prior to the Agreement Extension.

6. LICENSE: The Contractor shall take out and maintain during the life of this Agreement a City Business License.

7. INSURANCE AND LIABILITY: The Contractor shall not commence work under this Agreement until it has secured all types and amounts of insurance required under this section, nor shall it allow any Subcontractor to commence work on any subcontract until all similar insurance required of the Subcontractor has been obtained. Without limiting Contractor's indemnification obligations, Contractor shall procure and maintain, at its sole cost and for the duration of this Agreement, insurance coverage as provided below, against all claims for injuries against persons or damage to property which may arise from or in connection with the performance of the work hereunder by Contractor, its agents, representatives, employees, and/or Subcontractors. In the event that Contractor subcontracts any portion of the work, the contract between the Contractor and such Subcontractor shall require the Subcontractor to maintain the same policies of insurance that the Contractor is required to maintain pursuant to this Section 8 of this Agreement.

a) Insurance Coverage Required: The policies and amounts of insurance required hereunder shall be as follows:

i) General Liability (including premises and operations, contractual liability, personal injury, and independent contractor liability): Three Million Dollars (3,000,000.00) per occurrence.

ii) Automobile Liability (including owned, non-owned, leased, and hired autos): One Million Dollars (\$1,000,000.00), single limit, per occurrence for bodily injury and property damage.

iii) Workers' Compensation and Employer's Liability: Workers' Compensation Insurance (if Contractor is required by law to obtain) in an amount required by the laws of the State of California and Employer's Liability Insurance in the amount of One Million Dollars (\$1,000,000.00) per occurrence for injuries incurred in providing services under this Agreement.

iv) Professional Liability (covering errors and omissions): One Million Dollars (\$1,000,000.00) per claim made.

b) Contractor's Insurance General Requirements:

i) Shall be issued by an insurance company which is an admitted carrier in the State of California and maintains a Secure Best's Rating of "A-" or higher; unless otherwise approved by the City;

ii) General Liability, Automobile Liability and Employer's Liability shall

name the City, and its officers, officials, employees, agents, representatives and volunteers (collectively hereinafter "City and City Personnel") as additional insureds and contain no special limitations on the scope of protection afforded to City and City Personnel. All insurance provided hereunder shall include the appropriate endorsements.

iii) Shall be primary insurance and any insurance or self-insurance maintained by the City and/or City Personnel shall be in excess of Contractor's insurance and shall not contribute with it.

iv) Shall be "occurrence" rather than "claims made" insurance, excluding Professional Liability.

v) Shall apply separately to each insured against whom a claim is made or suit brought, except with respect to the limits of the insurer's liability.

vi) Shall be endorsed to state that the insurer shall waive all rights of subrogation against City and City Personnel, excluding Professional Liability.

vii) Shall be written by good and solvent insurer(s) admitted to do business in the State of California and approved in writing by City.

viii) Shall be endorsed to state that coverage shall not be suspended, voided, cancelled, reduced in coverage or in limits, non-renewed, or materially changed for any reason, without thirty (30) days prior written notice thereof given by the insurer to the City by U.S. mail, or by personal delivery, except for nonpayment of premiums, in which case ten (10) days prior notice shall be provided.

c) Deductibles: Any deductibles or self-insured retentions must be declared to and approved by City prior to the execution of the Agreement by City.

d) Evidence of Coverage: The Contractor shall furnish the City with certificates of insurance demonstrating the coverage required by this Agreement which shall be received and approved by City not less than five (5) working days before work commences.

e) Workers Compensation Insurance: The Contractor shall file with City the following signed certification:

"I am aware of, and will comply with, Divisions 4 and 5 of the California Labor Code by securing, paying for, and maintaining in full force and effect for the duration of the Agreement, complete Workers' Compensation Insurance, and shall furnish a Certificate of Insurance to City before execution of the Agreement."

In the event contractor has no employees requiring the Contractor to provide Workers' Compensation Insurance, the Contractor shall so certify to City in writing prior to City's execution of the Agreement. City and City Personnel shall not be responsible for any claims in law or equity occasioned by failure of the Contractor to comply with this section or with the provisions of law relating to

Workers' Compensation.

8. INDEMNIFICATION: The Contractor shall indemnify, defend, and hold the "the City, and its officers, officials, employees, agents, representatives and volunteers ('City and City Personnel')" harmless from and against any and all actions, suits, claims, demands, judgments, attorneys' fees, costs, damages to persons or property, losses, penalties, obligations, expenses or liabilities (hereinafter "claims or liabilities") that may be asserted or claimed by any person or entity arising out of the willful or negligent acts, errors or omissions of the Contractor, its employees, agents, representatives or subcontractors in the performance of any tasks or services for or on behalf of the City, whether or not there is concurrent active or passive negligence on the part of City and/or City Personnel, but excluding such claims or liabilities arising from the sole active negligence or willful misconduct of the City and/or City Personnel. In connection therewith:

a) The Contractor shall defend any action or actions filed in connection with any such Claims or liabilities, and shall pay all costs and expenses, including attorneys' fees incurred in connection therewith.

b) The Contractor shall promptly pay any judgment rendered against the City and/or City Personnel for any such claims or liabilities.

c) In the event the City and/or City Personnel is made a party to any action or proceeding filed or prosecuted for any such claims or liabilities arising out of or in connection with the negligent performance or a failure to perform the work or activities of the Contractor, the Contractor shall pay to the City any and all costs and expenses incurred by the City and/or City Personnel in such action or proceeding, including but not limited to reasonable attorneys' fees and expert witness fees.

9. OBSERVING LAWS AND ORDINANCES: The Contractor shall keep itself fully informed of all existing and future state and federal laws and all county and City ordinances and regulations which in any manner affect the conduct of the work, and of all such orders and decrees of bodies or tribunals having any jurisdiction or authority over same. If any discrepancy or inconsistency is discovered in this Agreement in relation to any such law, ordinance, regulation, order or decree, the Contractor shall forthwith report the same to the City Representative in writing. The Contractor shall at all times observe and comply with and shall cause all its agents and employees to observe and comply with all such existing and future laws, ordinances, regulations, orders and decrees, and shall protect, indemnify and defend the City and City Personnel, and the City Representative, and all of their respective officers, employees, and representatives against any claim or assertion of liability, or liability arising from or based on the violation of any such law, ordinance, regulation, order or decree, whether by the Contractor or by its agents, representatives, employees, or Subcontractors.

10. LABOR CODE OF CALIFORNIA: The Contractor's attention is directed to Division 2, Part 7, Chapter 1 of the Labor Code of the State of California and especially to Article 2 (Wages) and Article 3 (Working Hours) thereof. If this work requires the payment of prevailing wages in accordance with Labor Code section 1720 *et seq.*, the Contractor shall comply with all seven (7) of the following:

a) In accordance with Section 1773 of the Labor Code, the City Council of the City of La Palma has found and determined the general prevailing rates of wages in the locality in which the public work is to be performed are those contained in that certain document entitled PREVAILING WAGE SCALE, copies of which are maintained at City Hall, and are available to any interested party on request. Contractor shall post a copy of said document at each job site

b) In accordance with Section 1773.1 of the Labor Code the Contractor shall pay travel and subsistence payments to each worker needed to execute the work, as such travel and subsistence payments are defined in the applicable collective bargaining assurances filed with the Department of Industrial Relations.

c) Labor Code section 1776 is hereby incorporated as truly as if fully set forth herein. The Contractor and each subcontractor shall keep accurate payroll records containing or verified by a written declaration made under the penalty of perjury in compliance with Labor Code section 1776. In accordance with Labor Code Section 1771.4, the Contractor shall furnish the records specified in Labor Code Section 1776 directly to the California Labor Commissioner at least monthly (or more frequently if specified in the Special Provisions) in a format prescribed by the Labor Commissioner. The Contractor shall also submit certified payrolls to the City Engineer, including certified payrolls for all Subcontractors, at any tier, performing work on the site, regardless of the dollar amount or type of subcontract, if required by the Special Provisions.

d) Pursuant to Labor Code Section 1810 it is stipulated hereby that eight (8) hours labor constitutes a legal day's work hereunder.

e) Pursuant to Labor Code Section 1813, it is stipulated hereby that the Contractor shall, as a penalty to the City, forfeit \$25 for each worker employed in the execution of this Agreement by the Contractor or by a Subcontractor hereunder for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any one calendar day or more than forty (40) hours in any one calendar week in violation of the provisions of Article 3 (commencing with Section 1810), Chapter 1, Part 7, Division 2 of the Labor Code.

f) The Contractor is aware of and will comply with the provisions of Labor Code Sections 1777.5 and 1777.6 with respect to the employment of apprentices. Pursuant to Section 1777.5 it is hereby stipulated that the Contractor will be responsible for obtaining compliance therewith on the part of any and all subcontractors employed by him or her in connection with this Agreement.

g) Pursuant to Labor Code Section 1775, it is hereby stipulated that the Contractor shall, as a penalty to the City, forfeit not more than \$50 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the Director of the Department of Industrial Relations for the work or craft in which the worker is employed for the Work under this Agreement by the Contractor or by any Subcontractor under the Contractor. The contractor shall be responsible to ensure that all contracts executed between the Contractor and the subcontractor for performance of Work on the project shall include a copy of the provisions of Labor Code Sections 1771, 1775, 1776, 1777.5, 1813, and 1815.

h) Pursuant to Labor Code Section 1771.4, the performance of the Work is subject to compliance monitoring by and enforcement by the California Department of Industrial Relations, and

the Contractor shall post site notices, as prescribed by regulation.

11. ASSIGNMENT: The Contractor shall not assign, hypothecate, or otherwise transfer this Agreement or any portion hereof, without first obtaining the written consent of the City. If such an assignment, hypothecation, or transfer is made or attempted by the Contractor, the assignment, hypothecation, or transfer shall be void; and the City, at its sole option, may terminate this Agreement upon the giving of a 24-hour written notice to the Contractor of such termination.

12. PERFORMANCE: If the Contractor should neglect to prosecute the work properly, or fail to perform any provisions of this Agreement, the City, after five (5) days written notice to the Contractor, may without prejudice to any other remedy the City may have, make good such deficiencies and may deduct the cost thereof from the payment then or thereafter due the Contractor, provided, however, that the City Representative shall approve such action and certify the amount thereof to be charged to the Contractor.

13. NOT AN AGENT OF CITY: It is expressly understood and agreed that the Contractor herein named in the furnishing of all services, labor, materials and equipment and performing the work as provided in this Agreement is acting as an independent contractor and not as an agent, servant or employee of the City.

14. PARTY ADDRESSES: Any notice, payment, or instrument required or permitted to be given or delivered by this Agreement may be given or delivered by personal delivery or by depositing the same in any United States mail depository, first class postage prepaid, and addressed as follows, or to such other address provided by a written notice from one party to the other:

If to the City:	CITY OF LA PALMA 7822 Walker Street La Palma, CA 90623
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If to the Contractor:	CONTRACTOR Address City, State, Zip Code
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15. WARRANTIES: Except for the manufacturer's factory warranty, the Contractor disclaims all warranties with respect to materials supplies hereunder, and further disclaims any and all liability for failure to perform or delay in performance hereunder where the same is due in whole or in part to any cause beyond Contractor's reasonable control, such as, but not limited to, fire, flood, earthquake, lightning, strike, or other labor difficulty.

16. ATTORNEYS' FEES: In any action or proceeding between the parties hereto seeking interpretation or enforcement of any of the terms or provisions of this Agreement, the prevailing party in such action or proceeding shall be entitled to and recover from the other party its reasonable attorneys' fees and other reasonable expenses in connection with such action or proceeding.

17. SEVERABILITY: If any portion of this Agreement is held by a court of competent jurisdiction to be invalid, void, illegal, or unenforceable, the remainder of the provisions hereof



shall remain in full force and effect and shall in no way affect, impair, or invalidate any other term, covenant, or condition, or provision contained in this Agreement.

18. INTEGRATION, CONSTRUCTION, AND AMENDMENT: This Agreement contains the entire understanding of the parties herein and supersedes any and all other written or oral understandings as to those matters contained herein, and no prior oral or written understanding shall be of any force or effect with respect to those matters covered thereby. This Agreement shall be construed and interpreted with and shall be governed and enforced in all respects according to the laws of the State of California and as if drafted by both parties. No amendment, change or modification of this Agreement shall be valid unless in writing, stating that it amends, changes or modifies this Agreement, signed by all the parties hereto.

19. SPECIAL PROVISIONS: Any special provisions applicable to this Agreement are set forth in EXHIBIT "B", attached hereto and incorporated herein by this reference.

IN WITNESS WHEREOF, this Agreement has been executed as of the date first written above.

CITY

\_\_\_\_\_  
Gerard Goedhart  
Mayor

ATTEST:

\_\_\_\_\_  
Kimberly Kenney  
Deputy City Clerk

CONTRACTOR

By: \_\_\_\_\_

\_\_\_\_\_  
Title

By: \_\_\_\_\_

\_\_\_\_\_  
Title

Attachment "B"

California Labor Code Excerpts

**EXHIBIT D**  
**CALIFORNIA LABOR CODE COMPLIANCE**  
**(Labor Code §§ 1720 et seq., 1813, 1860, 1861, 3700)**

If this Agreement calls for services that, in whole or in part, constitute “public works” as defined in the California Labor Code, then:

1. This Agreement is subject to the provisions of Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code relating to public works and the awarding public agency (“City”) and Consultant agrees to be bound by all the provisions thereof as though set forth in full herein.
2. Consultant shall be registered with the Department of Industrial Relations (“DIR”) in accordance with California Labor Code Section 1725.5 and has provided proof of registration to City prior to the Effective Date of this Agreement.
3. Consultant shall comply with the provisions of California Labor Code Sections 1771, 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The applicable prevailing wage determination(s) may be obtained at (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>), are on file with City, and are available to any interested party upon request. Consultant shall, as a penalty to City, forfeit not more than two-hundred dollars (\$200) for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the Director of Industrial Relations for the work or craft in which the worker is employed for any public work done under this Agreement by Consultant or by any subcontractor.
4. Pursuant to California Labor Code Section 1771.4, Consultant’s services are subject to compliance monitoring and enforcement by the Department of Industrial Relations. Consultant shall post job site notices as prescribed by DIR regulations and agrees to furnish the records specified in California Labor Code Section 1776 directly to the Labor Commissioner in the manner prescribed by California Labor Code Section 1771.4(a)(3) and (c)(2).
5. Consultant shall comply with the provisions of California Labor Code Section 1776 which, among other things, require Consultant and each subcontractor to (1) keep accurate payroll records, (2) certify and make such payroll records available for inspection as provided by Section 1776, and (3) inform City of the location of the records. Consultant is responsible for compliance with Section 1776 by itself and all of its subcontractors.
6. Consultant shall comply with the provisions of California Labor Code Section 1777.5 concerning the employment of apprentices on public works projects, and further agrees that Consultant is responsible for compliance with Section 1777.5 by itself and all of its subcontractors.

7. Consultant shall comply with the provisions of California Labor Code Section 1813 concerning penalties for workers who work excess hours. Consultant shall, as a penalty to City, forfeit twenty-five dollars (\$25) for each worker employed in the execution of this Agreement by Consultant or by any subcontractor for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any one calendar day and forty (40) hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the California Labor Code.
8. California Labor Code Sections 1860 and 3700 provide that every contractor will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows:

“I am aware of the provisions of Section 3700 of the 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 Agreement.”

Date \_\_\_\_\_ Signature \_\_\_\_\_

## Attachment "C"

### Scope of Services Specifications

1. Sewer Cleaning Specifications
2. Sewer Manhole Inspection
3. Hot Spot Cleaning
4. Annual Pipeline Condition Assessment/CCTV
5. Bi-Annual Storm Drain Catch Basin Cleaning

## **1. Sewer Cleaning**

Contractor to provide two-man crews with a combination cleaning truck including all cones, safety lighting, and signs necessary to complete the task.

Contractor may use hydraulic cleaning methods. Contractor shall use Combination Sewer Cleaning (Vacuum-HydroJet) Trucks capable of providing a minimum of 55 GPM and at a minimum pressure of 2000 PSI. Vacuum capability for removing debris shall be accomplished by fans or positive displacement.

The equipment selected for the cleaning of the sanitary lines shall be approved by the City of La Palma. The Cleaning trucks shall have capability of reaching easements and have hose capability of 1000 LF. Combination Cleaning trucks are the preferred method of cleaning. The City requests all contractor's to utilize a hydro-jet/vacuum truck that utilizes filtered sewer water for primary jetting services. This mitigates the continued use of domestic (potable) water for jetting purposes. The City will coordinate access for domestic (potable) water for final flushing of truck at end of day with approximately 500 gallons of fresh water. The contractor, as part of the RFP submittal shall provide documentation of ownership and operation of the specified truck with references from the City's that this truck was utilized. Vacuum systems with either centrifugal or positive displacement blower vacuum equipment suitable to remove debris at the downstream manhole while jetting is required.

The equipment used by the Contractor must be well maintained, identified with Contractor's name and telephone number. Adequate backup equipment and safety lighting must be available on all trucks. Two-man crews are required for cleaning and maintenance.

Whenever hydraulically propelled cleaning tools (which depend on water pressure to provide their cleaning force, or any tools which retard the flow of water in the sewer lines) are used, precautions shall be taken to insure that the water pressure created does not cause any damage or flooding to public or private property

Contractor is required to use the appropriate nozzle or cutter head, (e.g. high velocity, water jet, root cutter, etc.), to perform the sewer cleaning as required for the specified sewer line.

Sewer will be cleaned by removing grit, loose solids, and grease. Leaving residual debris of no more than 5% of the pipe diameter, which should be sufficient to facilitate video inspection. This does not include the removal of hard spots such as minerals and cast-iron scale. Additional passes may be required on lines which contain heavy debris, grease, or roots. A root cutter or spinning nozzle may be required on these lines.

Cleaning methods shall be employed to sufficiently clean the pipe. The required cleaning will typically require two pass cleaning of the cleaning truck which should be sufficient in removing materials and debris. All manholes shall be washed down while cleaning the sewer lines.

This Contractor shall clean from the downstream manhole to the upstream manhole and pull the debris back to the downstream manhole and vacuum any debris present. Reverse cleaning may be needed when the downstream manhole is not accessible. The second crew member shall open the upstream manhole cover while cleaning to verify that the nozzle has reached the upstream manhole channel.

The Contractor shall comply with the following for all vacuum-hydrojet operations:

- 1. Through the vacuum-hydrojet process, ALL sludge, dirt, sand, rock, roots, grease, and other solid or semi-solid material resulting from the cleaning operations shall be removed at the downstream manhole of the manhole section being cleaned.**
- 2. Passing material from manhole section to manhole section or to the treatment plant which could cause stoppage of the lines, accumulation in wet wells or damage to pumping equipment, shall not be permitted.**
- 3. Disposal of such debris shall be done at an appropriate site and be the responsibility of the contractor.**
- 4. The Contractor shall document during all cleaning operations the total tonnage of materials and debris removed from the sewers and disposed. Tonnage documentation shall be submitted with the monthly billing and is required prior to releasing of monthly payments.**
- 5. The Contractor may be able to dispose of debris at the Orange County Sanitation District facility in Fountain Valley. The contractor shall coordinate and schedule accordingly.**

Contractor shall comply with all current health and safety laws and regulations (Federal, State, County, City and Special Districts).

Contractor shall use a cleaning report form to record the location of the cleaning operation, the number of feet cleaned, and the conditions encountered for each section of sewer main cleaned. Cleaning Logs shall be submitted with monthly invoices as part of the approval process. Electronic formats shall be submitted at the same time.

Contractor shall have the capability of updating the City GIS database by supplying ESRI ARV View shape files of the work completed. GIS Databases will be supplied to the contractor at the beginning of the project. Shapefiles indicating the completed cleaning or CCTV Inspection will be delivered by the contractor at regular intervals during the project.

Contractor shall provide all required traffic control including signaling and traffic cones as needed in accordance with the WATCH Manual.

Contractor shall provide confined space equipment and procedures per CAL OSHA Standards for those situations that require entry. The contractor is required to operate and maintain safety equipment and is responsible for all safety training of its crews.

The Contractor shall perform sewer cleaning services during the hours of 7:00am to 4:00 pm Monday through Friday. Cleaning or inspection outside these hours shall first be approved by the City of La Palma.

## **2. Manhole Inspections**

The City of La Palma is seeking a contractor to perform NASSCO MACP certified Manhole Inspections using 360-degree digital scanning technologies and provide 3D scanned images and point cloud data. Contractor shall provide software to the City for viewing such images and reports.

The Operator(s) performing the work must be qualified to perform the work as noted in this scope of work. All CCTV operators shall be National Association of Sewer Service Companies (NASSCO) certified by passing the Manhole Assessment and Certification Program (MACP) and have a minimum of five (5) years of experience in manhole CCTV inspections.

The City of La Palma estimates that approximately 97 manholes per year per City established Maintenance Zones shall be inspected on an annual basis and work shall progress on a pro-rated monthly basis unless otherwise determined. Reports shall be delivered in paper format and the entire project shall be delivered on a USB Hard Drive.

All 360-degree digital scanning assessments shall yield Grade level 1 MACP inspection results. The camera system shall be lowered via a specialized system to record all internal elements of the structure while traveling at the rate of speed required for proper illumination and quality. Condition assessment shall be performed following field inspection by a NASSCO MACP certified inspector. Assessments shall identify all operational and maintenance defects, structural defects, and construction features observed by the inspection. Defect identification shall be completed with an on-screen coding and inspection log.



*Manhole Assessment* - Manhole assessments shall be performed one manhole at a time - a new assessment must be generated for each location. All assessments shall be performed in conformance with the latest version of NASSCO MACP Standard. Contractor shall notify the City of La Palma immediately should a significant defect that could pose a threat to public health or safety be discovered.

### **Manhole Digital Scanning and Video Equipment**

1. The inspection camera system must be 100% digital. Any analog or NTSC video camera will be deemed unacceptable.
2. The manhole inspection camera system shall be able to travel in both upward and downward directions and shall allow for camera adjustment so that it is centered within the manhole.
3. Lighting: The inspection camera system must illuminate the interior of the manhole being assessed to evenly and adequately distribute the light evenly onto the structure walls.
4. The inspection camera system must have independently or multiple controlled digital cameras that provide complete coverage of the interior of the structure to allow for a complete, 360-degree field of view when compiled.
5. The inspection camera must provide a minimum of 3000 line of vertical resolution in the side view and a minimum of 500 lines in the perspective view.
6. The digital files must include an unfolded view of the manhole asset being inspected.

### **3. “Hot Spot” Sewer Cleaning**

The Contractor shall provide quarterly cleaning of the 20 sewer main “Hot Spots” per the specifications identified in Item No. 1 , Sewer Cleaning, above.

### **4. Pipeline Condition Assessment and CCTV Inspection**

This project requires Condition Assessment Report using a licensed professional engineer to develop a complete Condition Assessment Report and follow up corrective action summary including approximate cost of repairs. A Condition Assessment Report will be supplied for each segment that contains Grade 3, 4, or 5 Maintenance Defects and/or Grade 4 or 5 Structural Defects. These reports shall include location details depicting the sewers and manholes in question and

will provide a brief description of the nature of any defects, followed by a recommended repair or replacement strategy. There will be a cursory cost estimate developed for each recommended project, including any appurtenant improvement costs. Two printed copies of this report along with their respective POSM reports will be bound and provided to the City for use in developing and tracking capital improvements. These reports will be supplied in PDF format on an appropriately sized external hard drive at the end of each year.

**The City is mapped into seven (7) maintenance zones. The schedule will be to complete CCTV of all the zones in three years; Year 1 of contract, Zones 1-3; Year 2 Zones 4-5; and Year 3 Zones 6-7. The Fee Schedule shall reflect this work accordingly. The Maintenance Zone Map is attached in Appendix "D".**

The CCTV van's work area must be large enough for two (2) people to view a television monitor of the inspection procedure. The van shall be provided with means of controlling external and internal sources of light in a manner capable of ensuring that the monitor screen display is in accordance with the specifications.

A color television monitor must be available to view live camera action in the van. The displayed picture must be capable of providing a clear, stable image free of electrical interference.

The camera used for sewer pipeline inspections shall meet requirements for operating in the sanitary sewer environment. Digital cameras are required, and any analog video camera will be deemed unacceptable. The camera will be capable of operating in 100 percent humidity, be waterproof and be able to withstand long periods of submergence in wastewater. For conventional inspection camera systems, the camera must be able to pan, tilt and rotate, and have a minimum of 360 x 270 degree rotation. A variable intensity control of the camera lights and remote control adjustments for focus and iris shall be located at the monitoring station. The remote control of focus and iris will range from 1-inch to infinity. The conventional inspection camera system shall be able to produce a minimum of 460 lines of horizontal resolution and 400 lines of vertical resolution.

Lighting and camera quality shall be suitable to allow a clear in-focus picture of a minimum of ten lineal feet of the entire periphery of the sewer pipe. The lighting for the camera shall minimize glare. Lighting sensitivity shall be 3 lux or less.

The camera should be mounted on wheels, skids, or a tractor suitably sized for the pipe to be televised that will position the camera lens above the liquid flow line, near the center axis of the pipe. Any motorized transporters should have adjustable speed control. The transporter shall be able to navigate around minor objects, roots, and debris. The televising may also be accomplished using camera equipment mounted on a raft or floating pontoon, if the required pipe condition information cannot be obtained by tracked camera equipment within the

maximum allowable flow depths. By no means shall the camera's transporter system obstruct the camera's view or interfere with proper documentation of the sewer conditions.

Cable and footage counter accuracy checks: A minimum 1,200 feet of TV cable on the spool reel shall be provided and the cable shall be retracted to remove slack and to ensure an accurate footage. Counters shall be checked regularly to ensure accuracy. All cable footage counts shall be in English units and accurate to plus or minus 1 feet per 100 feet. The cable footage counter shall be tested for accuracy every week.

The camera lens shall be kept clear of condensation and debris during the CCTV inspection. If, during a run, the camera lens becomes soiled or fogged, the CCTV Inspection shall be paused to clean the lens, even if this requires removing the camera from the line.

### **Pipeline Data Collection**

The computer system required is POSM collection software using the latest version and shall be capable of documenting the inspections for sanitary sewer pipes and access structures by recording inspection findings in video and report format. This includes but is not limited to indexing, processing inspection data, printing CCTV inspection reports, recording and storing videos and images as required for the data documentation requirements of these specifications.

All CCTV operators performing the CCTV inspection shall be PACP certified by NASSCO's Pipeline Assessment and Certification Program. Each CCTV inspection operator for the project must possess and submit a valid PACP Certificate with a certification number. The methodology of sewer pipe evaluation, data collection and reporting criteria used for the NASSCO certification shall be practiced for the each CCTV inspection.

**The sequence of each CCTV Inspection shall be completed one segment at a time, pipe manhole-to-structure**

The preferred direction of CCTV Inspections shall be downstream with the flow of the pipe unless access to the upstream manhole is not possible, or the camera cannot pass through the pipe from upstream manhole to downstream structure in the direction of the flow, in which case a reverse setup inspection from downstream manhole to upstream structure must be performed. CCTV inspections which require a reverse setup must be recorded as a new CCTV inspection and indicated as a "Reverse setup" in the POSM session header information.

The camera shall be moved through the line at a moderate rate, stopping when necessary to permit proper documentation of the sewer's condition. The camera shall stop at each service lateral and provide a view up the service line. When a

defect or other feature is encountered and needs to be coded, the camera is panned to capture a clear observation, the defect coded, and still picture captured. In no case will the television camera be pulled at a speed greater than 30 feet per minute (0.5 feet per second). Under no circumstances shall the camera be tethered to a hydraulically propelled or high velocity jet cleaning device.

The "zero" point of the inspection footage shall be the center of the manhole where the camera is inserted. The importance of accurate distance measurement is emphasized. The television cable between the counter and the camera shall be taught at all times.

Maximum depth of flow for CCTV inspections shall be 20 percent of the pipe diameter. If the depth of flow is greater than 20%, then the CCTV inspection shall be performed during off peak hours. If the flow is still above 20 percent, then the Contractor shall suspend inspection of that pipe segment and notify the engineer.

Contractor shall provide comfortable viewing access to the video tape monitor during the video inspection taping to allow City's representative to compile a log of the inspection. City may make both scheduled and unannounced visits to CCTV inspection operations while work is in progress. Contractor shall be responsible for the quality of video and documented observations.

Contractor shall provide a list and bring to the attention of the city engineer any severe defects (PACP Grade 5 rating for Structure and/or Maintenance) discovered within 7 calendar days of discovery. Contractor shall **immediately** notify the engineer of any pipes that are found to be collapsed, or with a condition that requires immediate attention.

If severe defects such as collapses, severe offset joints, or severe sags are encountered that preclude the inspection being completed in one direction, the Contractor shall attempt a reverse setup. If the entire segment cannot be inspected; the Contractor shall suspend the inspection and notify the engineer within 24 hours. Upon removal of the obstruction, the Contractor shall complete the CCTV inspection.

If a buried manhole or cleanout is encountered during the course of the CCTV inspection, then the Contractor shall notify the City and note the observation in the POSM assessment. Contractor shall submit to the Engineer a list of access structures not found or inaccessible and inaccuracies at each Weekly Progress Meeting

## **Documentation of Pipeline CCTV Inspection**

All CCTV inspection data collected, including condition rating databases, videos, photos, and other information must be provided in POSM –latest version. It is the Contractor's responsibility to review the existing POSM system prior to submitting inspection data to ensure that their data will successfully upload.

The POSM session information for each pipe segment shall be recorded in the Nassco PACP template and shall indicate all the required information not limited to the surveyor name, certificate number, pipe segment reference, date and time, street, city, upstream manhole, downstream manhole, sewer use, direction of survey, height (diameter), shape, material, lining method, purpose, pre-cleaning, date cleaned, weather, and location code.

The City will provide wastewater collection system information from the City's GIS database. The information provided to the Contractor can be used to pre-populate the POSM session information. Pipe segment assessments shall be recorded using the latest version of NASSCO PACP and POSM Software System. Comments shall be noted to document atypical conditions not otherwise described by the observation codes.

The purpose of digital CCTV inspection recording shall be to supply a visual and permanent record of the sewer condition. For conventional CCTV cameras, the recording shall be MPEG 4 and have a minimum resolution of 352 x 240 pixels and an interlaced frame of 30 frames per second. Different frame and data rates are acceptable as long as similar or better image quality and acceptable file size are obtained.

Separate data files shall be created for each individual sewer pipe segment, or Pipe Segment ID. In the case of multiple Pipe Segment IDs without an access structure between them, all Pipe segment IDs shall be noted in the session information. If a reverse set up is required due to an obstruction, the reverse inspection shall be recorded in a separate data file.

The following information must be provided as screen text at the beginning of the video recording:

#### Project Information

- Project Name
- Surveyor Name
- Certificate Number
- Owner
- Customer
- Pipe Segment Reference
- Date and time
- Street
- CityManhole
- Upstream MH
- Downstream MH
- Sewer Use
- Direction of Survey Pipe
- Height (Diameter)

- Shape
- Material
- Lining Method
- Total Length
- Length Surveyed
- Flow Control
- Purpose
- Pre-Cleaning
- Date Cleaned
- Weather
- Location Code
- Additional Info
- Location Details

All text should be clearly displayed on a contrasting background (e.g. white text on dark background). This text should be displayed for approximately 15 seconds or for the duration of the start-up narration, whichever is longer. If an inspection is being performed on consecutive pipe segments with the same setup, this information must be provided at the start of each pipe segment.

During conventional CCTV Inspections the running screen must include the following information:

- Upstream manhole ID
- Downstream manhole ID
- Date
- Time
- Pipe Size
- Running footage (ft)

Digital video inspection files are to be part of the POSM inspection database that is copied onto a portable hard drive and provided to the City. Computer hard drive storage capacity for the CCTV inspections shall be adequate to minimize the number of hard drives required to store all inspection data. The audio and video shall be free of electrical interference. Digital video recording playback shall be at the same speed it was recorded. Hard drive labels shall be uniquely identified.

Contractor shall have lateral launch capability for evaluation of the residential or commercial laterals from the sewer main line. Software collection system shall be POSM and operators must be LACP Certified

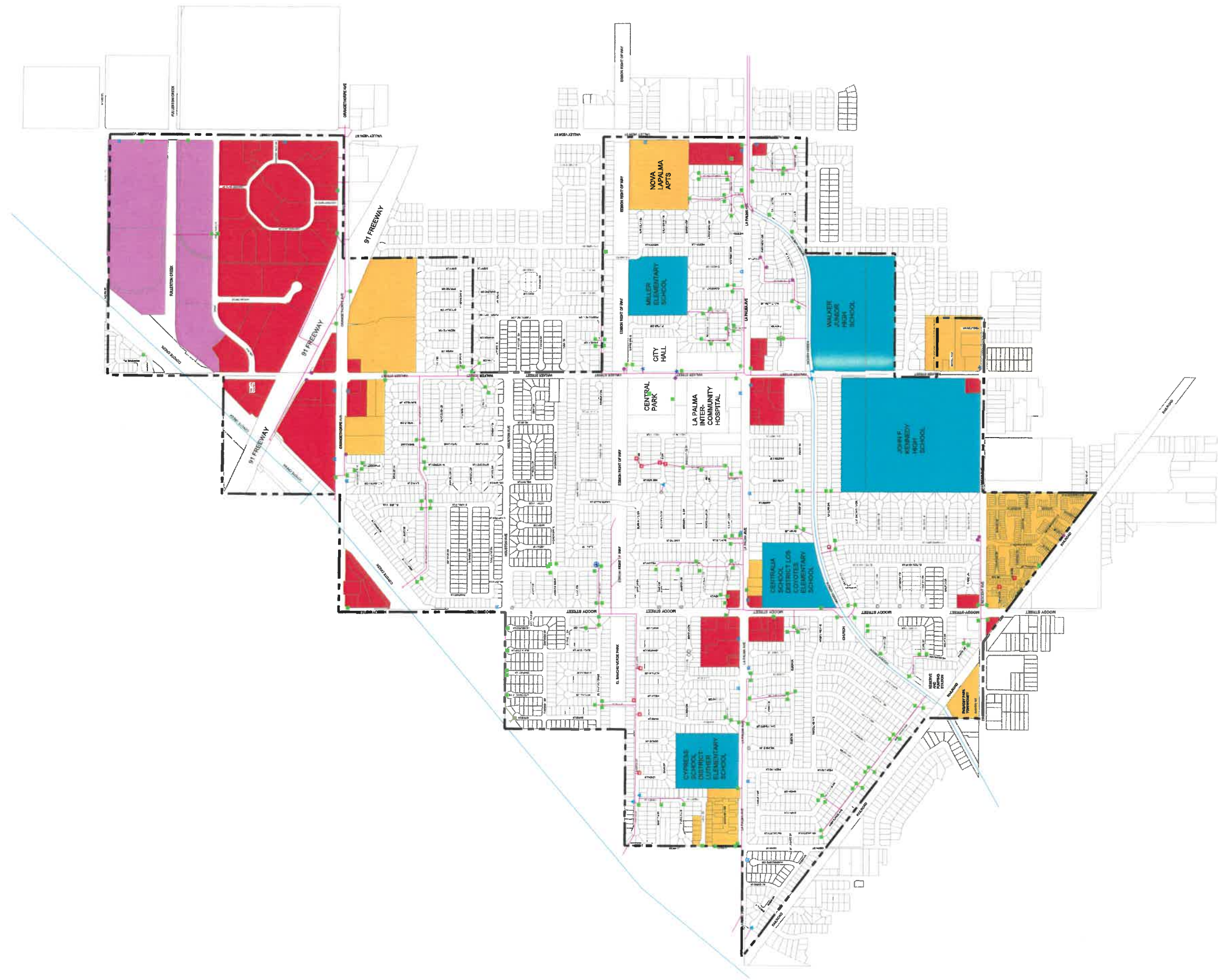
## **5. Bi-Annual Storm Drain Catch Basin Cleaning**

The Contractor shall provide bi-annual storm drain cleaning, prior to October 1 and April 1, of 10 catch basins of the storm drain system per the specifications identified in Item No. 1, Sewer Cleaning, above.

Attachment "D"

Storm Drain System Map  
Maintenance Zone Map





Residential (≥ 10 Dwelling Units Per Acre)

Commercial Area  
Industrial Area  
Schools

ARS + CPS  
ARS  
CPS  
NONE  
CULVERT  
BIOCLEAN  
BIOCLEAN + ARS

ARS + CPS	186
ARS	6
CPS	11
NONE	11
CULVERT	10
BIOCLEAN	3
BIOCLEAN + ARS	1
<b>TOTAL DEVICES</b>	<b>228</b>

OCTA BUS STOP  
DRAINAGE LINES  
CITY BOUNDARY



# CITY OF LA PALMA TRASH PROVISION LAND USE & CATCH BASIN MAP MARCH 2018



**CITY OF LA PALMA  
7 YEAR RESIDENTIAL STREET  
RESURFACING / SLURRY SEAL  
CAPITAL IMPROVEMENT PROGRAM  
BY WORK ZONE**

**LEGEND**

- |               |   |                 |
|---------------|---|-----------------|
| <b>ZONE 1</b> |    | <b>2015 -16</b> |
| <b>ZONE 2</b> |    | <b>2016 -17</b> |
| <b>ZONE 3</b> |    | <b>2017 -18</b> |
| <b>ZONE 4</b> |    | <b>2014 -15</b> |
| <b>ZONE 5</b> |   | <b>2018 -19</b> |
| <b>ZONE 6</b> |  | <b>2012 -13</b> |
| <b>ZONE 7</b> |  | <b>2013 -14</b> |



Drawn By : L Baldwin

Revised 7/25/13

Approved by City Council November 6, 2007