



MARK PESTRELLA, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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June 6, 2018

IN REPLY PLEASE

REFER TO FILE: **BRC-1**

REQUEST FOR PROPOSALS - ADDENDUM 1 AS NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

Thank you for attending our mandatory Proposers' Conference for As-Needed Laboratory Service Program (2018-AN011) held on Tuesday, February 6, 2018.

Please note that the deadline for Proposal submission has been extended to **Thursday, July 5, 2018, by 5:30 p.m.**

Please note that there will be a second mandatory Proposers' Conference for this Request for Proposals (RFP) on **Wednesday, June 20, 2018, at 10 a.m.** at Public Works Headquarters, 900 South Fremont Avenue, Alhambra, California 91803, in Conference Room A. **ATTENDANCE BY THE PROPOSER OR AN AUTHORIZED REPRESENTATIVE AT THE CONFERENCE IS MANDATORY.** However, those Proposers who attended the previous Proposers' Conference on Tuesday, February 6, 2018, are not required to attend the second Proposers' Conference to be held on Wednesday, June 20, 2018. Public Works will reject proposers whose attendance cannot be verified at the February 6, 2018, or June 20, 2018, Proposers' Conference.

All addenda and informational updates will be posted at <http://dpw.lacounty.gov/brcd/servicecontracts>. Please check the website frequently for any changes to this solicitation.

A. Important Updates regarding this solicitation:

The Department of Public Works has revised this solicitation and now intends to award a Contract for each of the following three Programs:

<u>Program</u>	<u>* Estimated Annual Amount</u>
On-Call Environmental Laboratory Services - Drinking Water Program	<u>\$460,000</u>

On-Call Environmental Laboratory Services - Wastewater Program	<u>\$1 million</u>
On-Call Environmental Laboratory Services - Industrial/Hazardous Waste Program	<u>\$50,000</u>

*Please note, the total estimated annual Contract amount has changed from \$1.5 million to the figures indicated above.

1. All Form PW-2s (Schedule of Prices) of the RFP were deleted and replaced with revised Form PW-2s (Schedule of Prices). Please use the revised Form PW-2s (Schedule of Prices), attached hereto as Enclosure A, when submitting your proposal.
2. Form PW-18 (Proposer's Compliance with the Minimum Mandatory Requirements) of the RFP was deleted and replaced with Form PW-18.1 (Proposer's Compliance with the Minimum Requirements). Please use the revised Form PW-18.1, attached hereto as Enclosure B, when submitting your proposal.
3. Form PW-19 (Proposal Submission Form) has been added. Proposer must submit Form PW-19 (Proposal Submission Form), attached hereto as Enclosure C, when submitting your proposal, indicating what proposal(s) you are submitted for.

Proposers must identify the Program(s) for which they are submitting proposals and complete the corresponding Schedule of Prices, Form PW-2, specific to each Program. Proposers may submit a proposal for one or more Program. Each Program will be awarded and evaluated independently.

The Minimum Mandatory Requirements have changed as indicated in the Addendum section.

B. Addendum:

The following revisions have been made to the RFP. Added words are shown in **bold** and deleted languages are ~~struck out~~. Questions presented in this Clarification section of this Addendum represent the questions asked by Proposers in the form and context as submitted:

1. Part I, Request for Proposals, Section 1.B, Minimum Mandatory Requirements, pages 1.1 and 1.2 has been revised as follows:

B. Minimum Mandatory Requirements

Interested and qualified Proposers who can demonstrate their ability to successfully provide the required services outlined in Exhibit A, Scope of Work, of this RFP are invited to submit a proposal, provided they meet the following requirement(s) at the time of proposal submission:

1. Proposer and subcontractors, if any, must have a minimum of 5 years of experience providing laboratory services as indicated in Exhibit A, Scope of Work.
 2. Proposer's managing employees and subcontractors' managing employees, if any, must have a minimum of 5 years of experience providing laboratory services as indicated in Exhibit A, Scope of Work.
 3. Proposer and subcontractors, if any, must submit a valid and active accreditation by the California State Water Resources Control Board's Environmental Laboratory Accreditation Program (with ELAP certification number).
 4. ~~Proposer and subcontractors, if any, must submit a valid and active California Department of Health Services (DHS) certification number issued by the California Department of Health Services.~~
 5. Proposer and subcontractors, if any, that performs microbiological testing for drinking water and wastewater **must have** has an office and a stationary laboratory located in Los Angeles County capable of receiving and commencing bacteriological analysis within 6 hours of sample collection.
2. Item V, Method of Payment and Required Information, has been added to Part I, Request for Proposals, Section 1, on page 1.11, as shown below:

V. Method of Payment and Required Information.

The County may, at its sole discretion, determine the most appropriate, efficient, secure, and timely form of payment for any amounts due for goods and/or services provided under an agreement or contract with the County. Proposers/Contractors further agree that the default form of payment shall be Electronic

Funds Transfer (EFT) or direct deposit, unless an alternative method of payment is deemed appropriate by the Auditor-Controller (A-C).

Upon contract award and at the request of the A-C and/or the contracting department, the Contractor shall provide the A-C with electronic banking and related information for the Contractor and/or any other payee that the Contractor designates to receive payment pursuant to this agreement or contract. Such electronic banking and related information includes, but is not limited to: bank account number and routing number, legal business name, valid taxpayer identification number or TIN, a working e-mail address capable of receiving remittance advices and other payment related correspondence, and any other information that the A-C determines is reasonably necessary to process the payment and comply with all accounting, recordkeeping, and tax reporting requirements.

Any provision of law, grant, or funding agreement requiring a specific form or method of payment other than EFT or direct deposit shall supersede this requirement with respect to those payments. Upon contract award or at any time during the duration of the agreement or contract, a contractor may submit a written request for an exemption to this requirement. Such request must be based on specific legal, business or operational needs and explain why the payment method designated by the A-C is not feasible and an alternative is necessary. The A-C, in consultation with the contracting department(s), shall decide whether to approve exemption requests.

- 3. Item W, Proposer's Acknowledgement of County's Commitment to Fair Chance Employment Hiring Practices, has been added to Part I, Request for Proposals, Section 1, on page 1.11, as shown below:**

W. Proposer's Acknowledgement of County's Commitment to Fair Chance Employment Hiring Practices

On March 29, 2018, the County of Los Angeles Board of Supervisors approved a Fair Chance Employment Policy in an effort to remove job barriers for individuals with criminal records. The policy requires businesses that contract with the County to comply with fair chance employment hiring practices set forth in California Government Code

**Section 12952, Employment Discrimination: Conviction History
Section 12952.**

Contractors are required to complete Form PW-18, Compliance with Fair Chance Employment Hiring Practices Certification, certifying that they are in full compliance with Section 12952, as indicated in Section 2.RR, Compliance with Fair Chance Employment Practices, of Exhibit B. Further, contractors are required to comply with the requirements under Section 12952 for the term of any contract awarded pursuant to this solicitation.

4. Part I, Request for Proposals, Section 2, Proposal Preparation and Submission, Item A.9, License and Certifications, on pages 1.14 and 1.15, has been revised as follows:

Licenses and Certifications

Submit copies of the Proposer and Subcontractors:

- Proposer and subcontractors, if any, must submit a valid and active accreditation by the California State Water Resources Control Board's Environmental Laboratory Accreditation Program (with Environmental Laboratory Accreditation Program certification number).
 - ~~Proposer and subcontractors, if any, must submit a valid and active California Department of Health Services (DHS) certification number issued by the California Department of Health Services.~~
5. Part I, Request for Proposals, Section 2, Proposal Preparation and Submission, Item A.11, Forms List, page 1.15, has been revised to read:

Forms List

Complete and submit the following forms, which are included in the RFP package:

PW-1 Verification of Proposal

~~PW-2.1 Schedule of Prices for Sewer Maintenance Division~~

**PW-2.1 Schedule of Prices for Sewer Maintenance Division
(Wastewater Program)**

~~PW-2.2 Schedule of Prices for Stormwater Compliance Division Flood Control District Section~~

**PW-2.2 Schedule of Prices for Stormwater Quality Division
Flood Control District Section
(Wastewater Program)**

~~PW-2.3 Schedule of Prices for Stormwater Engineering Division~~

**PW-2.3 Schedule of Prices for Stormwater Engineering Division
(Wastewater Program)**

~~PW-2.4 Schedule of Prices for Waterworks Division~~

**PW-2.4 Schedule of Prices for Waterworks Division
(Drinking Water Program)**

~~PW-2.5 Schedule of Prices for Los Angeles County Fire Department~~

**PW-2.5A Schedule of Prices for Los Angeles County Fire Department
(Drinking Water Program)**

**PW-2.5B Schedule of Prices for Los Angeles County Fire Department
(Wastewater Program)**

~~PW-2.6 Schedule of Prices for Department of Beaches and Harbors~~

**PW-2.6 Schedule of Prices for Department of Beaches and Harbors
(Wastewater Program)**

~~PW-2.7 Schedule of Prices for Environmental Programs Division~~

**PW-2.7 Schedule of Prices for Environmental Programs Division
(Industrial/Hazardous Waste Program)**

~~PW-2.8 Schedule of Prices for Stormwater Compliance Division
Environmental Planning Section~~

**PW-2.8 Schedule of Prices for Stormwater Quality Division
Environmental Planning Section
(Wastewater Program)**

~~PW-2.9 Summary of Schedule of Prices~~

PW-2.9 Summary of Schedule of Prices

~~PW-5~~

PW-5 Conflict of Interest Certification

PW-10 GAIN and GROW Employment Commitment

PW-11 Transmittal Form to Request an RFP Solicitation Requirements Review (submit only if requesting a review. If requesting a review, please submit form as early as possible but no later than ten business days of issuance of this RFP to the listed Contract Analyst.)

PW-12 Charitable Contributions Certification

PW-13 Proposer's List of Terminated Contracts

PW-14 Proposer's Pending Litigations and Judgments

PW-15 Proposer's Insurance Compliance Affirmation

PW-16 Certification of Compliance with the County's Defaulted Property Tax Reduction Program

PW-17 Zero Tolerance Human Trafficking Policy Certification

~~PW-18~~

PW-18.1 Proposer's Compliance with the Minimum Requirements of the RFP

PW-19 Proposal Submission Form

PW-20 Compliance with Fair Chance Employment Hiring Practices Certification

6. Part I, Request for Proposals, Section 3, General Conditions of Request for Proposals, Item V, Conflict of Interest, on page 1.26, has been added:

V. Conflict of Interest

Proposer shall comply with the provisions under County Ordinance 2.180. Failure to comply with this Paragraph may be considered a breach of contract.

Notwithstanding any other section of the Los Angeles County Code, the County shall not contract with, and shall reject any bid or proposal submitted by, the persons or entities specified below, unless the Board of Supervisors finds that special circumstances exist which justify the approval of such contract:

1. **Employees of the county or of public agencies for which the Board of Supervisors is the governing body;**
 2. **Profit-making firms or businesses in which employees described in subparagraph 1 above serve as officers, principals, partners or major shareholders;**
 3. **Persons who, within the immediately preceding 12 months, came within the provisions of subparagraph 1 above, and who:**
 - a. **Were employed in positions of substantial responsibility in the area of service to be performed by the contract; or**
 - b. **Participated in any way in developing the contract or its service specifications; and**
 4. **Profit-making firms or businesses in which the former employees, described in subparagraph 3 above, serve as officers, principals, partners or major shareholders.**
7. Part I, Request for Proposals, Section 4, Evaluation of Proposals, Award, and Execution of Contract, Item A, Award of Contract, page 1.27, has been revised to read:

A. Award of Contract

Subject to the right of the Board to make the ultimate decisions concerning the award of Contracts, the County intends to award a ~~Contract~~ **one Contract for the Drinking Water Program, one Contract for the Wastewater Program, and one Contract for the Industrial/Hazardous Waste Program** to the highest-rated ~~Proposer~~ **Proposer(s)** based on the evaluation criteria in Part I, Section 4.E, Evaluation Criteria, whose ~~proposal~~ **proposal(s)** provide(s) the most beneficial program and price with all other factors considered. The County retains the right to select a proposal other than the proposal receiving the highest number of points, if County determines, in its sole discretion, another proposal is the most overall qualified, cost-effective, responsive, responsible, and in the best interest of the County. The recommended awardee shall sign and return the Agreement within 14 calendar days of its mailing to the recommended awardee for signature by Public Works. The recommended awardee shall submit copies of its proof of insurance coverage, within 14 days after Board

approval of the proposed Contract or at least 14 days prior to the proposed Contract's start date, whichever occurs last. Work under the proposed ~~contract~~ **Contracts** cannot begin before proof of valid insurance coverage is submitted to Public Works.

8. Part I, Request for Proposals, Section 4, Evaluation of Proposals, Award, and Execution of Contract, Item E, Evaluation Criteria, page 1.28, has been revised to read:

E. Evaluation Criteria

Note: Proposers must identify on Form PW-19, Proposal Submission Form, which of the following Program(s) they are submitting proposals for:

1. **Drinking Water Program**
2. **Wastewater Program**
3. **Industrial/Hazardous Water Program**

Each Program will be independently evaluated and scored based on price, performance history/references, experience, and work plan. The proposer may submit separate experience and work plans for each Program. Proposers should submit one set of references to be used for all submitted Program(s). Each Program has its own set of Form PW-2s, Schedule of Prices, and will be evaluated independently.

9. Part I, Request for Proposals, Section 4, Evaluation of Proposals, Award, and Execution of Contract, Item E.1, Proposed Price, on page 1.28, has been revised to read:

Subject to such adjustment(s), the lowest Total Adjusted Proposed **Annual** Price for **Routine/Scheduled Laboratory Services** years ~~1 through 5~~, quoted in the Summary Sheet for Schedule of Prices, Form PW-2.5 **9**, will receive the full weight of this evaluated item. Other proposals will receive a prorated score calculated as follows: divide the lowest Total Adjusted Proposed Annual Price for **Routine/Scheduled Laboratory Services** years ~~1 through 4~~ by each other Proposer's Adjusted Total Proposed Annual Price for years ~~1 through 4~~ and multiply the result by the maximum possible points for this evaluation criterion. The proposal with the lowest Total Adjusted Proposed Annual Price for **Routine/Scheduled Laboratory Services** years ~~1 through 4~~ may not necessarily be awarded a Contract.

10. Part I, Request for Proposals, Section 4, Evaluation of Proposals, Award, and Execution of Contract, Item E.2.a, Potential Points, on page 1.29, has been revised to read:

a. Potential Points

Public Works will attempt to obtain the required number of Proposer's references for overall satisfaction with Proposer's services, with priority given to services provided in the following order: County of Los Angeles departments, other counties, cities, governmental entities, nonprofit entities, private companies, etc. Proposer may receive up to a maximum of ~~10/3~~ **20/3** points for each responding reference up to a total of three responding references. On Form PW-6, Proposer's Reference List, Proposers must identify all Contracts with the County of Los Angeles during the previous 3 years and must identify County's Contacts for each Contract. Public Works reserves the right to utilize any reference of Proposer, County or other, listed or not listed. Proposer shall receive zero points for each of the minimum required references not received.

11. Part I, Request for Proposals, Table of Forms, Form PW-18, Proposer's Compliance with the Minimum Requirements of the RFP, is deleted in its entirety and replaced with a revised Form entitled Form **PW-18.1**, Proposer's Compliance with the Minimum Requirements of the RFP. Please use the revised Form **PW-18.1**, Proposer's Compliance with the Minimum Requirements of the RFP, attached hereto as Enclosure B, when submitting your proposal.
12. Part I, Request for Proposals, Table of Forms, the following Forms have been revised or added as indicated below:

PW-1 Verification of Proposal

~~PW-2.1 Schedule of Prices for Sewer Maintenance Division~~

**PW-2.1 Schedule of Prices for Sewer Maintenance Division
(Wastewater Program)**

~~PW-2.2 Schedule of Prices for Stormwater Compliance Division Flood
Control District Section~~

**PW-2.2 Schedule of Prices for Stormwater Quality Division
Flood Control District Section
(Wastewater Program)**

- ~~PW-2.3~~ Schedule of Prices for Stormwater Engineering Division
**PW-2.3 Schedule of Prices for Stormwater Engineering Division
(Wastewater Program)**
- ~~PW-2.4~~ Schedule of Prices for Waterworks Division
**PW-2.4 Schedule of Prices for Waterworks Division
(Drinking Water Program)**
- ~~PW-2.5~~ Schedule of Prices for Los Angeles County Fire Department
**PW-2.5A Schedule of Prices for Los Angeles County Fire Department
(Drinking Water Program)**
**PW-2.5B Schedule of Prices for Los Angeles County Fire Department
(Wastewater Program)**
- ~~PW-2.6~~ Schedule of Prices for Department of Beaches and Harbors
**PW-2.6 Schedule of Prices for Department of Beaches and Harbors
(Wastewater Program)**
- ~~PW-2.7~~ Schedule of Prices for Environmental Programs Division
**PW-2.7 Schedule of Prices for Environmental Programs Division
(Industrial/Hazardous Waste Program)**
- ~~PW-2.8~~ Schedule of Prices for Stormwater Compliance Division
Environmental Planning Section
**PW-2.8 Schedule of Prices for Stormwater Quality Division
Environmental Planning Section
(Wastewater Program)**
- ~~PW-2.9~~ Summary of Schedule of Prices
PW-2.9 Summary of Schedule of Prices
- PW-3 County of Los Angeles Contractor Employee Jury Service Program
Application for Exception and Certification Form
- PW-4 Contractor's Industrial Safety Record
- ~~PW-5~~
PW-5.1 Conflict of Interest Certification
- PW-6 Proposer's Reference List

- PW-7 Proposer's Equal Employment Opportunity Certification
- PW-8 List of Subcontractors
- PW-9 Request for County's Preference Program Consideration and CBE Firm/Organization Information Form
- PW-10 GAIN and GROW Employment Commitment
- PW-11 Transmittal Form to Request an RFP Solicitation Requirements Review (Submit only if requesting a review. If requesting a review, please submit form as early as possible but no later than ten business days of issuance of this RFP to the listed Contract Analyst.)
- PW-12 Charitable Contributions Certification
- PW-13 Proposer's List of Terminated Contracts
- PW-14 Proposer's Pending Litigations and Judgments
- PW-15 Proposer's Insurance Compliance Affirmation
- PW-16 Certification of Compliance with the County's Defaulted Property Tax Reduction Program
- PW-17 Zero Tolerance Human Trafficking Policy Certification
- ~~PW-18~~
- PW-18.1** Proposer's Compliance with the Minimum Requirements of the RFP
- PW-19 Proposal Submission Form**
- PW-20 Compliance with Fair Chance Employment Hiring Practices Certification**

Please note: Form PW-19 (Proposal Submission Form) has been added. Proposer must submit Form PW-19 (Proposal Submission Form), attached hereto as Enclosure C, when submitting your proposal.

13. Part II, Sample Agreement, Table Of Contents, on page 2, Exhibit B, Section 2.PP, has been added:

PP. Method of Payment and Required Information.....B.20

14. Part II, Sample Agreement, Table Of Contents, on page 2, Exhibit B, Section 2.QQ, has been added:

QQ. Compliance with Fair Chance Employment Practices.....B.20

15. Part II, Sample Agreement, tenth paragraph, on page 2, has been revised as follows:

~~TENTH: No Cost-Of-Living Adjustments (COLAs) shall be granted for the optional renewal periods. If requested by the Contractor, the contract (hourly, daily, monthly, etc.) amount may, at the sole discretion of the County, be increased at the time of contract renewal, if exercised by the County, based on the most recently published percentage change in the U.S. Department of Labor, Bureau of Labor Statistics' Consumer Price Index (CPI) for the Los Angeles-Riverside-Orange County Area for the 12-month period preceding the renewal date, which shall be the effective date for any Cost-of-Living Adjustments (COLAs). However, any increase shall not exceed the general salary movement granted to County employees as determined by the Chief Executive Officer as of each July 1 for the prior 12-month period. Furthermore, should fiscal circumstances ultimately prevent the Board from approving any increase in County employee salaries, no COLAs will be granted. Upon approval of COLAs, a notification will be sent to the Contractor.~~

16. Part II, Sample Agreement, Exhibit A, Scope of Work, Item A, Contract Manager, on page A.1, has been revised as follows:

A. Contract Manager

~~The Contract Manager will be Mr. Jonathan King, of Waterworks Division, who may be contacted at (626) 300-3331 or at jking@dpw.lacounty.gov, Monday through Thursday, 7 a.m. to 5 p.m.~~ **The County designates the individuals listed below as the Contract Managers for these Contracts.** In addition, the County designates the Program Managers listed below to request work from the Contractor. The Contract Managers and Program Managers are the only individuals authorized by the County

to request work of the Contractor. From time to time, the County may change the Contract Managers or Program Managers. The Contractor will be notified in writing when there is a change in any of the Contract Managers or any of the Program Managers. The Contract Managers and Program Managers may be contacted at the telephone numbers or email addresses listed below, Monday through Thursday, 7 a.m. to 5 p.m.

Program Managers:

Department of Public Works

- ~~○ Environmental Programs Division: Mr. Joseph Baiocco~~
- ~~○ Sewer Maintenance Division: Mr. Alex Villarama~~
- ~~○ Stormwater Engineering Division: Mr. Aric Rodriguez~~
- ~~○ Stormwater Compliance Division – Flood Control District Section: Mr. Fred Gonzalez~~
- ~~○ Stormwater Compliance Division – Environmental Planning Section: Ms. Grace Komjakraphan~~
- ~~○ Waterworks Division: Mr. Jonathan King~~
- **Department of Beaches and Harbors: Mr. John Skinner**
- **Los Angeles County Fire Department: Mr. Tony Jimenez**
- **Drinking Water Contract**

Contract Manager:

- **Mr. Jonathan King**
Department of Public Works, Waterworks Division
(626) 300-3331 or at jking@dpw.lacounty.gov

Program Manager:

- **Mr. Tony Jimenez**
Los Angeles County Fire Department
(562) 988-3625 or at Tony.Jimenez@fire.lacounty.gov

- **Wastewater Contract**

Contract Manager:

- **Mrs. Grace Komjakraphan**
Department of Public Works, Stormwater Quality Division
Environmental Planning Section
(626) 458-4330 or at GKomjakraphan@dpw.lacounty.gov

Program Managers:

- **Mr. Alex Villarama**
Department of Public Works, Sewer Maintenance Division
(626) 300-3374 or at avilla@dpw.lacounty.gov
- **Mr. Aric Rodriguez**
Department of Public Works, Stormwater Engineering Division
(626) 458-6162 or at arodriguez@dpw.lacounty.gov
- **Mr. Fred Gonzalez**
Department of Public Works, Stormwater Quality Division
Flood Control District Section
(626) 458-5948 or at fgonzal@dpw.lacounty.gov
- **Mr. John Skinner**
Department of Beaches and Harbors
(424) 526-7846 or at JSkinner@bh.lacounty.gov
- **Mr. Tony Jimenez**
Los Angeles County Fire Department
(562) 988-3625 or at Tony.Jimenez@fire.lacounty.gov

- **Industrial/Hazardous Waste Contract**

Contract Manager:

- **Mr. Joseph Baiocco**
Department of Public Works
Environmental Programs Division
626-458-3559 or at jbaiocco@dpw.lacounty.gov

17. Part II, Sample Agreement, Exhibit A, Scope of Work, Item D, Contract Cost, on page A.2, has been revised as follows:

D. Contract Cost

All services required in this Exhibit A, Scope of Work, shall be included in the price quoted by the Contractor in Forms PW-2.1 thru PW-2.9, Schedule of Prices, unless stated otherwise in the Contract. **Any method used to perform the work for which a unit cost is not quoted in Form PW-2s, Schedule of Prices, shall be billed according to the Contractor's published rate list. The Contractor shall provide its published rate list at the time of proposal submission and annually thereafter at the time of Contract renewal, indicating hourly and/or daily unit rates not quoted in Form PW-2s, Schedule of Prices, for equipment, tools, and materials.** If the same test with the same required turnaround time is listed on more than one Form PW-2 (PW-2.1 thru PW-2.9), then the lowest unit cost shall prevail. Unit cost rates provided in Form PW-2s shall not exceed the Contractor's published rates.

• ~~PW-2.1, includes a summary of constituents and test methods for wastewater effluent, groundwater and surface water related to Waste Discharge Requirements for the Lake Hughes Community Wastewater Treatment Facility, Trancas Water Pollution Control Plant, Malibu Mesa Wastewater Reclamation Facility, and Malibu Water Pollution Control Plant. Please access the waste discharge requirements for each of the facilities listed above at <http://dpw.lacounty.gov/brcd/servicecontracts/>.~~

• ~~PW-2.2, includes a summary of annual testing requirements related to storm water and surface water runoff for Stormwater Compliance Division – Flood Control District Section, in addition to Waste Discharge Requirements for Municipal Separate Storm Sewer System (MS4) Discharges within the Coastal Watersheds of Los Angeles County. The Waste Discharge Requirements for Municipal Separate Storm Sewer System (MS4) Discharges within the Coastal Watersheds of Los Angeles County may be access at <http://dpw.lacounty.gov/brcd/servicecontracts/>.~~

• ~~PW-2.3, includes a summary of water quality parameters related to discharge of well redevelopment water to an impaired water body for Stormwater Engineering Division. The waste discharge requirements of Public Works' Alamitos Barrier Project may be access at <http://dpw.lacounty.gov/brcd/servicecontracts/>.~~

- ~~**PW-2.4**, includes a summary of annual drinking water quality testing requirements for Waterworks Division. Please see Exhibit G, Location Map: Waterworks Districts.~~
- ~~**PW-2.5**, includes a summary of annual drinking water and wastewater testing requirements for the Los Angeles County Fire Department, as well as Waste Discharge Requirements for the following facilities: Camp 08, Camp 11, Camp 13, Camp 14, Camp 19, Fire Station 71, and Fire Station 99. Please access the Waste Discharge Requirements for the sites listed above at <http://dpw.lacounty.gov/brcd/servicecontracts/>.~~
- ~~**PW-2.6**, includes a summary of the analytical requirements for the Department of Beaches and Harbors' septic systems based on the Waste Discharge Requirements for the following beach restroom sites: Topanga Canyon, Malibu Surfrider, Dan Blocker, Nicholas Canyon, Point Dume 1 – 3, and Zuma 1 – 8. Please access the Waste Discharge Requirements for the above listed sites at <http://dpw.lacounty.gov/brcd/servicecontracts/>.~~
- ~~**PW-2.7**, includes a summary of constituents and test methods for the analysis of discharges to the public sewer, stormwater collection system, ground and/or groundwater that may have been contaminated by hazardous materials, illegal disposal and/or illicit discharge for Environmental Programs Division.~~
- ~~**PW-2.8**, includes a summary of annual stormwater, soil/sediment/solid, and tissue testing parameters for environmental planning and special studies in the Stormwater Compliance Division – Environmental Planning Section.~~
- ~~**PW-2.9**, Summary of Schedule of Prices.~~

Drinking Water Contract

- **PW-2.4**, includes a summary of annual drinking water quality testing requirements for Waterworks Division. Please see Exhibit G, Location Map: Waterworks Districts.
- **PW-2.5A**, includes a summary of annual drinking water testing requirements for the County of Los Angeles Fire Department, as well

as Waste Discharge Requirements for the following facilities: Camp 08, Camp 11, Camp 13, Camp 14, Camp 19, Fire Station 71, and Fire Station 99. Please access the Waste Discharge Requirements for the sites listed above at <http://dpw.lacounty.gov/brcd/servicecontracts/>.

Wastewater Contract

- **PW-2.1**, includes a summary of constituents and test methods for wastewater effluent, groundwater, and surface water related to Waste Discharge Requirements for the Lake Hughes Community Wastewater Treatment Facility, Trancas Water Pollution Control Plant, Malibu Mesa Wastewater Reclamation Facility, and Malibu Water Pollution Control Plant. Please access the waste discharge requirements for each of the facilities listed above at <http://dpw.lacounty.gov/brcd/servicecontracts/>.
- **PW-2.2**, includes a summary of annual testing requirements related to storm water and surface water runoff for Stormwater Quality Division - Flood Control District Section, in addition to Waste Discharge Requirements for Municipal Separate Storm Sewer System (MS4) Discharges within the Coastal Watersheds of Los Angeles County. The Waste Discharge Requirements for MS4 Discharges within the Coastal Watersheds of Los Angeles County may be access at <http://dpw.lacounty.gov/brcd/servicecontracts/>.
- **PW-2.3**, includes a summary of water quality parameters related to discharge of well redevelopment water to an impaired water body for Stormwater Engineering Division. The waste discharge requirements of Public Works' Alamitos Barrier Project may be access at <http://dpw.lacounty.gov/brcd/servicecontracts/>.
- **PW-2.5B**, includes a summary of annual wastewater testing requirements for the County of Los Angeles Fire Department, as well as Waste Discharge Requirements for the following facilities: Camp 08, Camp 11, Camp 13, Camp 14, Camp 19, Fire Station 71, and Fire Station 99. Please access the Waste Discharge Requirements for the sites listed above at <http://dpw.lacounty.gov/brcd/servicecontracts/>.

- **PW-2.6**, includes a summary of the analytical requirements for the Department of Beaches and Harbors' septic systems based on the Waste Discharge Requirements for the following beach restroom sites: Topanga Canyon, Malibu Surfrider, Dan Blocker, Nicholas Canyon, Point Dume 1 - 3, and Zuma 1 - 8. Please access the Waste Discharge Requirements for the above listed sites at <http://dpw.lacounty.gov/brcd/servicecontracts/>.
- **PW-2.8**, includes a summary of annual stormwater, constituents for environmental planning and special studies in the Stormwater Quality Division - Environmental Planning Section.

Industrial/Hazardous Waste Contract

- **PW-2.7**, includes a summary of constituents and test methods for the analysis of discharges to the public sewer, stormwater collection system, ground and/or groundwater that may have been contaminated by hazardous materials, and illegal disposal and/or illicit discharge for Environmental Programs Division.

Additional Services

- **PW-2.9**, **Summary of Schedule of Prices.**
18. Part II, Sample Agreement, Exhibit A, Scope of Work, Section E, Work Description, item 2, Sample Delivery and Pickup, on page A.5, has been revised as follows:
2. Sample Delivery and Pickup

Contractor shall coordinate sample kit delivery with the respective Program Managers. The County will collect samples in the appropriate sample container supplied by the Contractor for the requested sample method, including special composite jars that are cleaned by the Contractor prior to delivery if directed by the Program Manager. The Contractor will pick up the samples from the County for analysis in suitable containers (e.g., ice chests) provided by the Contractor at various locations within Los Angeles County following chain of custody (COC) protocol as mandated by Environmental Laboratory Accreditation Program (ELAP) accreditation. The County may elect to pick up sample containers, supplies, or equipment from the Contractor and deliver samples to the

Contractor for analysis. It is the County's intent to use the most cost-effective method of transport for delivery and pickup.

Contractor shall be able to periodically pick up County-owned portable automatic composite samplers and composite up to 24 individual samples, when requested by the County. The sampling equipment, including collection bottles, will be cleaned, assembled, and delivered to the County at various points within Los Angeles County and within 24 hours after the sampler is received by the Contractor.

Contractor shall provide a certificate of quality control indicating that sample bottles being supplied to the County are clean and suitable for sample collection, when requested by the County. All sampling containers supplied to the County shall not have been previously used unless authorized by the appropriate Program Manager. All sampling containers shall be labeled with a waterproof label indicating the type of analysis intended for the container and type of preservative if present.

The Industrial/Hazardous Waste Contractor, upon taking custody of samples delivered by the County, shall store said samples until analyzed within a secured refrigerated storage facility, which is acceptable to the County.

The Industrial/Hazardous Waste Contractor, upon taking custody of County-owned portable automatic composite samplers, shall store said equipment within a secured area which is acceptable to the County.

Contractor shall pickup and deliver samples as directed by the appropriate Contract Manager or Program Manager as follows:

- Routine sampling events - Contractor shall be able to complete a pickup/delivery request within five business days of notification. County will specify the point of transfer location within Los Angeles County.
- **Non-Routine/Emergency** sampling events - Contractor shall be able to complete a pickup/delivery request with ~~minimum~~ **less than 24 hours** notification. County will specify the point of transfer location within Los Angeles County. This work shall conform to the requirements of Section K.7.

19. Part II, Sample Agreement, Exhibit A, Scope of Work, Section E, Work Description, item 5, Meetings, on page A.6, has been revised as follows:

5. Meetings

At no additional cost to the County, the Contractor may be required to meet with County staff on an as-needed basis to discuss tasks, assignment of work, sample collection, **selection of proper analysis/sampling method, interpretation of data, and to provide advice upon request** etc.

20. Part II, Sample Agreement, Exhibit A, Scope of Work, Section E, Work Description, item 6, Notification and Reporting, on page A.7, has been revised as follows:

6. Notification and Reporting for the Drinking Water Contract

The **Drinking Water** Contractor shall provide immediate notification of permit limit or Maximum Contaminant Level (MCL) exceedances to the appropriate Program Manager. Exceedance notices shall be provided verbally to the Program Manager with a live contact. No voice mails or e-mails will be allowable for the initial notification unless previously approved by the Program Manager in writing. The Program Manager will be responsible for providing the Contractor with the necessary permit limits, MCLs, contact information of field staff, and reporting requirements. All required direct regulatory reporting, such as Electronic Data Transfer (EDT), will be performed by the Contractor at no additional cost.

21. Part II, Sample Agreement, Exhibit A, Scope of Work, Responsibilities of the Contractor, Item K.6, on page A.11, has been revised as follows:

1. Retain records for all services performed for a period of ~~42~~ **5** years following Contract expiration/termination, and as may be required by accreditation guidelines, including maintaining related reports.

22. Part II, Sample Agreement, Exhibit A, Scope of Work, Responsibilities of the Contractor, Item K.16, on page A.12, has been revised as follows:

K. Responsibilities of the Contractor

The Contractor shall:

16. Have the capacity to analyze samples by at least two laboratories for data verification, when requested by the County. Contractor shall coordinate with Subcontractors to provide this service. ~~The Contractor shall charge the County the quoted rates referenced in Forms PW-2.1 thru PW-2.9, Schedule of Prices for any data verification requests.~~ **When the service is requested by the County, the Contractor will be reimbursed for the cost plus a 20 percent processing/handling fee on actual cost basis with receipts attached to invoices. This cost shall not be included in the proposal price.**
23. Part II, Sample Agreement, Exhibit A, Scope of Work, Responsibilities of the Contractor, Item K.25, on page A.14, has been added as follow:
 25. **Ensure proper and legal disposal of all samples at no additional cost to the County when the County has elected not to assume custody or is relinquishing custody back to the Contractor. Disposal shall be performed using a traceable manifest. Additionally, the Contractor may be required to dispose of disposable sampling equipment including, but not limited to: gloves, trowels, tubing, and samples which were not analyzed but which are collected for physical evidence and identification purposes in relation to the County's sampling activities at no additional cost to the County.**
24. Part II, Sample Agreement, Exhibit A, Scope of Work, Gratuities, Item N, on page A.15, has been added as follow:
 - N. Gratuities
 1. Contractor is advised that it is improper for any County officer, employee, or agent to solicit consideration, in any form, from Contractor with the implication, suggestion, or statement that Contractor's provision of the consideration, or failure to provide consideration, may cause favorable or unfavorable treatment, respectively, for the Contractor relating to the amendment or extension of the Contract or the making of any determinations with respect to Contractor's performance under this Contract.

A Contractor shall not offer or give, either directly or through an intermediary, such improper consideration, in any form, to a County officer, employee, or agent for the purpose of securing favorable treatment as described herein.

2. A Contractor shall immediately report any attempt by a County officer, employee, or agent to solicit such improper consideration. The report shall be made either to the County manager charged with the supervision of the employee or to the County Auditor-Controller's Employee Fraud Hotline at (800) 544-6861.
3. Among other items, such improper consideration may take the form of cash, discounts, services, and the provision of travel, entertainment, or tangible gifts.
4. Note that Contractor's failure to adhere to this requirement could subject this Contract to termination for improper consideration under Section 3, Termination/Suspensions of Exhibit B.

25. Part II, Sample Agreement, Exhibit B, Section 2, Standard Terms and Conditions Pertaining to Contract Administration, Item I, Conflict of Interest, on page B.8, has been added to read as follows:

I. Conflict of Interest

No County employee whose position with County enables such employee to influence the award of this Contract or any competing Contract, ~~and no spouse or economic dependent of such employee~~ shall be employed in any capacity by Contractor or have any other direct or indirect financial interest in this Contract. No officer or employee of Contractor who may financially benefit from the performance of the work hereunder shall in any way participate in County's approval, or ongoing evaluation, of such work, or in any way attempt to unlawfully influence County's approval or ongoing evaluation of such work.

Contractor represents and warrants that it is aware of, and its authorized officers have read, the provisions of Los Angeles County Code, Section 2.180.010, "Certain Contracts Prohibited," and that execution of this Agreement will not violate those provisions. Contractor shall comply with all conflict of interest laws, ordinances, and regulations now in effect or hereafter to be enacted during the

term of this Contract. Contractor warrants that it is not now aware of any facts that create a conflict of interest. If Contractor hereafter becomes aware of any facts that might reasonably be expected to create a conflict of interest, **including those identified in Section 2.180.010**, it shall immediately make full written disclosure of such facts to County. Full written disclosure shall include, but is not limited to, identification of all persons implicated **so identified** and a complete description of all relevant circumstances. Failure to comply with the provisions of this paragraph shall **may** be a material breach of this Contract subjecting Contractor to either Contract termination for default or debarment proceedings or both. ~~Contractor must sign and adhere to the "Conflict of Interest Certification" (Form PW-5).~~

26. Part II, Sample Agreement, Exhibit B, Section 2, Standard Terms and Conditions Pertaining to Contract Administration, Item PP, Method of Payment and Required Information, on page B.20, has been added to read as follows:

PP. Method of Payment and Required Information

The County may, at its sole discretion, determine the most appropriate, efficient, secure, and timely form of payment for any amounts due for goods and/or services provided under an agreement or contract with the County. Proposers/Contractors further agree that the default form of payment shall be Electronic Funds Transfer (EFT) or direct deposit, unless an alternative method of payment is deemed appropriate by the Auditor-Controller (A-C).

Upon contract award and at the request of the A-C and/or the contracting department, the Contractor shall provide the A-C with electronic banking and related information for the Contractor and/or any other payee that the Contractor designates to receive payment pursuant to this agreement or contract. Such electronic banking and related information includes, but is not limited to: bank account number and routing number, legal business name, valid taxpayer identification number or TIN, a working e-mail address capable of receiving remittance advices and other payment related correspondence, and any other information that the A-C determines is reasonably necessary to process the payment

and comply with all accounting, recordkeeping, and tax reporting requirements.

Any provision of law, grant, or funding agreement requiring a specific form or method of payment other than EFT or direct deposit shall supersede this requirement with respect to those payments. Upon contract award, or at any time during the duration of the agreement or contract, a contractor may submit a written request for an exemption to this requirement. Such request must be based on specific legal business or operational needs and explain why the payment method designated by the A-C is not feasible and an alternative is necessary. The A-C, in consultation with the contracting department(s), shall decide whether to approve exemption requests.

27. Part II, Sample Agreement, Exhibit B, Section 2, Standard Terms and Conditions Pertaining to Contract Administration, Item QQ, Compliance with Fair Chance Employment Practices, on page B.20, has been added to read as follows:

QQ. Compliance with Fair Chance Employment Practices

Contractor shall comply with fair chance employment hiring practices set forth in California Government Code Section 12952, Employment Discrimination: Conviction History. Contractor's violation of this paragraph of the Contract may constitute a material breach of the Contract. In the event of such material breach, County may, in its sole discretion, terminate the Contract.

28. Exhibit H, Sample Pickup Locations (attached as Enclosure D), has been added to the RFP's Part II, Sample Agreement:

C. Clarifications:

The following answers are in response to the request for information and clarification submitted by Proposers for the Request for Proposals for As-Needed Environmental Laboratory Services Program (2018-AN011). The questions presented in this clarification section represent the questions asked by the Proposers in the form and context as submitted:

1. Question: Are method substitutions allowed?

Response: Yes, as long as the method is approved and meets the minimum reporting limit requirements in accordance with Title 22 of the California Code of Regulations, the Safe Drinking Water Act, the Clean Water Act, 40 Code of Federal Regulations (CFR), and any additional permits and regulations that may be applicable.

2. Question: Will the County remove the section that requires a primary or subcontract laboratory to have a fixed location in the County if they will be performing the microbiology analysis? Our company has a proven track record for supporting municipal client's microbiology work in the County of Los Angeles including in proximity of some of the locations required in 2018-AN011. Supporting references can be provided.

Response: No, the County will not remove this requirement.

3. Question: Are HAZWOPR certified field technicians required for this contract?

Response: HAZWOPR certification is not applicable.

4. Question: How often are holiday or weekend pick ups required?

Response: Weekend or holiday pickups are not typical - the majority of routine sample collection occurs during the work week. Weekend or holiday pickups may only occur a few times throughout the year, in the event of an emergency. Please be advised that sampling is required whenever storm events happen. In those instances, County forces will collect the samples and deliver them to the lab for analysis, so the labs must be able to receive samples during weekends and holidays.

5. Question: Please confirm if samples with a tissue matrix will be submitted in this contract. PW-2.8.

Response: No, we will be removing the tissue requirements from our schedule of prices. Please see revised Form PW-2.8.

6. Question: Please submit any permit information that is available to allow our aquatic toxicity subcontract laboratory to properly provide pricing for PW-2.8.

Response: Please note this requirement is an extension of SWQD-FCD MS4 requirements, which are provided in Attachment E of the MS4 Permit CAS004001, Section XII, and the LARWQCB's August 7, 2015 memo. https://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/losangeles.shtml. Please see revised Form PW-2.8.

7. **Question:** Please confirm what method numbers, if any, are associated with items 75 and 76 in PW-2.7.

8. **Response:** Both Lines No. 75 and 76 will be removed. Please see revised Form PW-2.7

9. **Question:** Items 18, 19, 20, 23, in PW-2.7 are not typically provided by environmental laboratories. Please confirm if these will be removed from the RFP.

Response: Items 18, 19, 20 and 23 in PW-2.7 will not be removed. The required method for Line No's.: 18, 19, 20 is: Total Milk Allergen using Test Method: Neogen Veratox Test. The required method for Line No. 23 is Preferred Method: Sugar Profile SUB. Please see revised Form PW-2.7.

10. **Question:** This contract will require the use of many subcontractors from all bidders. Is it possible to waive the requirement for all the forms to be signed by subcontractors until a single primary laboratory has been selected.

Response: No. All required PW Forms must be signed/dated and submitted at the time of proposal submission. For additional information, please refer to Part I, Section 2, Proposal Preparation and Submission, Item 12, Subcontractor's Form list, on page 1.16 and 1.17.

11. **Question:** Some quantities show 0 in the pdf but are listed as 1 in the excel bid sheet. Please confirm if items with zero quantity should be included in the total price of that section.

a. For example Form PW-2.2 Item No. 3 Specific Conductance has "0" in the pdf and "1" in the Excel Schedule of Prices.

Response: The minimum estimated quantity on all PW-2s should be 1, therefore, the quantity listed in the excel sheets are correct. Please see revised Form PW-2.2.

12. Question: PW-2.4

- a. Line 61, 62,63,89 request a price for List C, D, E, F but they have analytes that are listed individually in previous lines, do we include the pricing for those duplicate analytes in lines 61,62,63 or just any additional analytes not already listed?

Response: Form PW-2.4 has been revised to keep only the "Full List" when applicable and keep only those analytes that we are required to test on an individual basis. WWD will remove unnecessary analytes that are only tested under the "Full List." Please see revised Form PW-2.4.

- b. Line 2 and line 4, Coliform should these be reported as Presence/Absence or MPN?

Response: We have revised the Schedule of Prices, Form PW-2.4, under the "Microbiology" heading to keep only Line 2-Total Coliform & E. Coli, which must be tested using the Presence/Absence (P/A) method, and Line 5-Heterotrophic Plate Count (HPC). The remaining line items under "Microbiology", including Line 4, have been removed. Please see revised Form PW-2.4.

13. Question: PW-2.5 - Line 40 and 41, list Residual Chlorine and Chlorine. Please clarify chlorine being tested in line 41. Does line 41 refer to Free Chlorine? Total Chlorine, WAD etc.?

Response: Line 40 and Line 41 have been combined. Line 41 is referring to Residual Chlorine tests for drinking water. Line 40 is referring to residual chlorine tests required for wastewater. Please see revised Forms PW-2.5A and PW-2.5B.

14. Question: PW-2.7 – Can the County provide method reference or more detail on what is needed for the following analyses:

- a. Line 18 Lactose

Response: Total Milk Allergen - Test Method: Neogen Veratox Test

- b. Line 19 Protein

Response: Total Milk Allergen - Test Method: Neogen Veratox Test

- c. Line 20 Fat

Response: Total Milk Allergen - Test Method: Neogen Veratox Test

- d. Line 23 Sugar Profile

Response: Test Method: AOAC 982.14; 977.20 Modified.

- e. Line 45- Emission Spectrographic Analysis

Response: Test Method: 6010 in Water or Soil (EPA 6010B; 7470 in Water (EPA 7470A) and 7471 in Soil (EPA 7471A)

- f. Line 75: Deposit Analysis

Response: Line 75 will be removed from Environmental Program Division Form PW-2.7.

- g. Line 76 Microscopic Exam-Pictures

Response: Preferred Method: PLD

- h. Line 49 just says "Soil/Water samples" please confirm if there should be a method in there

Response: Line 49 was intended to be a header for Lines: 50-55.

- i. Line 26: please confirm the list of anions needed.

Response: At a minimum must include Chloride, Fluoride and Sulfate.

- j. Line 39: requests Priority pollutant list but has Title 22/CAM 17 listed; which list is needed PP or Title 22?

Response: Priority Pollutant.

- k. Line 41: please confirm if CCR-total concentration is total CAM 17 metals by 6010B/7471A

Response: Yes, CAM 17 metals by 6010B/7471A.

- l. Line 44: please confirm if Semivolatiles is 8270 only, or is it 8270, 8081 and 8151

Response: EPA Method 8270.

- m. Line 46 and 47; similar to PW-2.5 question regarding Chlorine. What is the difference between Cyanide and Cyanide (Total)

Response: Disregard Line 46 it was intended to be a header.

- n. Line 56-57, please provide a list of required analytes in "Full List"

Response: EPA 8021 analysis consist of: Benzene, Ethylbenzene, Toluene, m,p-Xylene, o-Xylene, MTBE.

- o. Line 66: Please confirm which Ignitability test is needed.

Response: EPA Method 1010-Pensky-Martens Closed Cup.

- p. Line 78,79; please confirm the analyte list for 1666 and if both direct injection and purge and trap are needed

Response: EPA Cyclohexane, Ethyl acetate, Furfural, Isobutyraldehyde, Isopropyl acetate, Isopropyl Ether, Methyl Formate, Methyl isobutyl ketone, n-Amyl acetate, n-Butyl Acetate, n-Heptane, n-Hexane, Tert-butyl alcohol, Tetrahydrofuran.

15. Question: PW 2.1

- a. Organic Nitrogen-confirm you want the total of the TKN analysis, Ammonia analysis and the calculation entered on this line (some of the methods are already listed on other line items with pricing).

Response: Include price for doing TKN and calculation. Ammonia-N test will be requested at same time as Organic-N test.

- b. Total Nitrogen-confirm you want the total price for doing the TKN, nitrate and nitrite and the calculation entered on this line (some of the methods are already listed on other line items with pricing).

Response: Include price for doing calculation only. Organic-N, Ammonia-N, Nitrite-N, and Nitrate-N will be requested at same time as Total-N.

- c. Fluoride (Natural Source). Please clarify "Natural Source" or methodology being requested.

Response: Source water for Fluoride test is groundwater, as shown on Schedule of Prices for SMD. Use appropriate test method. Previous lab typically used EPA 300.0.

16. Question: PW 2.8

- a. Can an additional item be added to cover the tissue preparation?

Response: We will be removing tissue requirements from our schedule of prices.

- b. Total Mercury and dissolved mercury are listed 3 times: 16,28,29 and 45, 57,58; Should the price be entered 3 times?

Response: Total mercury and dissolved mercury should only be listed and entered one time on the schedule of prices (line 16 and line 45). Other references to total/dissolved mercury have been removed.

- c. Total chromium and dissolved chromium is listed 2 times: 9,25 and 38,54; Should the price be entered 2 times?

Response: Total chromium and dissolved chromium should only be listed and entered one time on the schedule of prices (line 9 and line 38). Other references to total/dissolved chromium have been removed.

- d. Line 74: Please confirm what carbon range should be included on this line (line 75, 76, 77 already list GRO, DRO, MRO).

Response: Line 75: GRO, C6-C12, Line 76: DRO, C10-C28, Line 77: MRO, C16-C36.

- e. Line 92, what asbestos method for solid material?

Response: We will be removing the solids/soil/sediment requirements from our schedule of prices. Please see revised Form PW-2.8.

- 17. Question:** For multi-component analyses such as volatiles, semivolatiles, metals and PCBS, they are currently in the price list as individual analytes. Can the price be entered into the first analyte and then "included with X" be entered in the remaining analytes?

Response: See response to Question #11-a.

- 18. Question:** Does the County have a preference regarding how the laboratory should relay information regarding Reporting Limits that we cannot achieve?

Response: Laboratories must analyze samples using approved methods that meet the Reporting Limits listed in the Schedule of Prices. Unachievable Reporting Limits must be noted on the bid response adjacent to the corresponding test in the Schedule of Prices. Upon contract award, unachievable Reporting Limits must be discussed with the appropriate Program Manager and documented via email for further direction.

- 19. Question:** The Scope of Work seems to indicate that sample collection will be performed by the County. But the bid forms have a few line items that appear to be field testing parameters and services. Will these tasks be performed by the County? Does the County want pricing from the laboratory? For example:

- a. Form PW-2.4 Item No. 16 Field Chlorine, Item 17, Temperature.

Response: We will remove Field Testing analytes from PW-2.4, including, but not limited to Field Chlorine, Temperature, and pH. We will request that certain Field Test results entered on COCs be added to the proposer's LIMS system for upload to WWD's database. We will add a unit cost line item for data uploads under the heading of "Additional Services." Please see revised Form PW-2.4.

- b. Form PW-2.9 Item D. Field Testing and Sample Collection, I. Field Sampling WWD.

Response: PW-2.9 will be for reference and will not be evaluated. Please see revised Form PW-2.9.

- 20. Question:** Will the County consider allowing pricing for proposed subcontract work to be provided upon award? This subcontract work would be "non-routine" sampled infrequently. And the laboratory anticipates difficulty in obtaining complete forms and firm fixed pricing from a potential subcontractor in such a short time-frame.

Response: No. As stated under Part I, Section 3, General Conditions of Request for Proposals, Item A, Acceptance or Rejection of Proposals, on page 1.19: "No proposal will be considered unless the Proposer submits a proposal for all requested items. If the solicitation document requests multiple quotations, no Proposal will be considered unless the Proposer submits a price on all items within each category; however, the solicitation document may not require the Proposer to submit a price on all of the categories."

- 21. Question:** Will the County consider an extension for the due date of this proposal? The final due date is only 3 days after Q&A is expected to resolve.

Response: Yes, please see the first page of this addendum for the new proposal submission deadline.

- 22. Question:** Can a lab outside the county perform micro if they can transport sample to lab via courier within 6 hours (holding time is 8 hours)?

Response: Due to sampling schedule and service area geography, samples are routinely collected in the morning and then delivered to our field offices for afternoon pick-up by the courier for transport to the lab. In addition, there may be times when we must deliver samples to the lab and there are out-of-county travel restrictions. For these reasons, we require that the proposer and/or subcontractor performing microbiological analysis maintain a lab in Los Angeles County.

- 23. Question:** Please confirm since CA now certifies environmental laboratories through the waterboard, The DHS cert number does not apply. If this requirement is specific for certain methods, please specify.

Response: The Department of Health Services certification was removed from the Minimum Mandatory Requirements.

24. Question: For Form PW-2.2:

- a. No 1: "Initial Water Column toxicity test" -
 - i. What are the desired test concentrations? (options include: screening (100% only), TST method, or definitive test (5 sample concentrations to determine LC50 value))?
- or -
 - ii. Is this test the initial part of the Phase I TIE?

Response: It is the Test of Significant Toxicity TST t-test approach specified method with 100% sample water and the control (0%) and in some cases 50% dilution. The TST test is described in 2012 National Pollutant Discharge Elimination System, Permit No. CAS004001 in Attachment E, Section XII, and the (LARWQCB) August 7, 2015, memo available at https://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/losangeles.shtml. The dilution will be indicated on the chain of custody.

- b. No 2: "Phase I TIE" - Is the County looking for pricing for each treatment and test within the TIE, or a total price for all 18 tests as prescribed by the USEPA acute Phase I manual?

Response: The Price is for each phase from initial screening to Toxicity Identification Evaluation (TIE). Refer to LARWQCB memo available at <http://dpw.lacounty.gov/brcd/servicecontracts/>.

25. Question: For Form PW-2.3: "Acute toxicity" -

- a. What are the desired test concentrations? (options include: EPA-821-R-02-012 screening (100% only), TST method, or a definitive test (5 sample concentrations to determine LC50 value))

Response: Page 23 of permit R04-2013-0095 states: "The acute toxicity of the effluent shall be such that the average monthly survival in the undiluted effluent for any three consecutive 96-hour static or continuous flow bioassay tests shall be at least 90%, with no single test less than 70% survival."

- b. Is a specific test species or method requested? (options include: EPA 2002.0 for *Ceriodaphnia dubia*, or EPA 2000.0 for *Pimephales promelas*, others are available - including marine species)

Response: Permits specify using topsmelt, *Atherinops affinis*, since discharges are to coastal waters, and requires method: EPA/600/R-95/136 or a more recent edition. Our current lab uses EPA600/4-90/27F.

- c. Is a specific test duration requested? (options include: 24, 48 or 96 hrs)

Response: 96-hour period is required.

- d. Is the test static renewal or static non-renewal?

Response: According to EPA600/4-90/27F the tests can be static (renewal or non-renewal) or flow-through

- e. If static renewal, how often? (options include: every 24 or every 48 hours)

Response: Not Applicable

26. Question: For Form PW-2.5:

- a. What are the desired test concentrations? (options include: EPA-821-R-02-012 screening (100% only), TST method, or a definitive test (5 sample concentrations to determine LC50 value))

Response: EPA-821-R-02-012 screening (100% only).

- b. Is a specific test species or method requested? (options include: EPA 2002.0 for *Ceriodaphnia dubia*, or EPA 2000.0 for *Pimephales promelas*, others are available - including marine species)

Response: The fathead minnow, *Pimephales promelas*, shall be used as the test species for fresh water discharges and the topsmelt, *Atherinops affinis*, shall be used as the test species for brackish discharges. The method for topsmelt is found in EPA's Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Marine and Estuarine Organisms, Third Edition, October 2002, (EPA/821-R-02-014).

- c. Is a specific test duration requested? (options include: 24, 48 or 96 hrs)

Response: 96-Hour.

- d. Is the test static renewal or static non-renewal?

Response: Static non-renewal.

- e. If static renewal, how often? (options include: every 24 or every 48 hours)

Response: Not Applicable

27. Question: For Form PW-2.7: "Fish toxicity" -

- a. What are the desired test concentrations? (options include: screening (100% only), TST method, or definitive test (5 sample concentrations to determine LC50 value))
- b. Is a specific test species or method requested? (options include: EPA 2000.0 for *Pimephales promelas*, or EPA 2019.0 for *Oncorhynchus mykiss*, others are available – including marine species)
- c. Is a specific test duration requested? (options include: 24, 48 or 96 hrs, with 96 hours being the most common)
- d. Is the test static renewal or static non-renewal?
- e. If static renewal, how often? (options include: every 24 or every 48 hours)

Response: EPA applies to hazardous waste determination - LC50 method.

28. Question: For Form PW-2.8:

- a. No 250: Is the County looking for pricing for each treatment and test within the TIE, or a total price for all 18 tests as prescribed by the USEPA chronic Phase I manual?
- b. No 251: Is the County looking for pricing for each treatment and test within the TIE, or a total price for all tests as prescribed by the USEPA chronic Phase II manual? Note: The number of tests called for in Phase II depends on the results of Phase I.

Response: Please see attached toxicity reference documents. Note, any toxicity sampling would be supplemental special studies to the

MS4 requirements (Stormwater Quality Division - Flood Control District's monitoring program) which are provided in Attachment E of the MS4 Permit CAS004001, Section XII, and the LARWQCB's August 7, 2015 memo. https://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/losangeles.shtml. See revised Form PW-2.8.

- 29. Question:** Page 184 of RFP. The county requires criminal background checks for 'sensitive positions'. Pre pre-bid conference discussion - Please confirm that background checks would not be applicable to laboratory personnel.

Response: As stated in Part I, Section 1, Introduction, Item Q, Security Background and Investigations, on page 1.9: "Background and security investigations of Contractor's staff may be required at the discretion of the County as a condition of beginning and continuing work under any resulting Contract. The cost of background checks is the responsibility of the Contractor."

- 30. Question:** Per pre-bid conference discussion, please confirm that current enrollment in stormwater coalition is not required.

Response: Yes, current enrollment is not required, but the bidder will be expected to participate in the future Stormwater Monitoring Coalition (SMC) Intercalibration Studies for laboratories.

- 31. Question:** Would the County consider simplifying this contract in the future or can this contract can be simplified?

Response: This addendum has been prepared in an effort to simplify this contract.

- 32. Question:** Is there any benefit to contract out to small businesses, etc.?

Response: Please review Part I, Section 1, Introduction, Item L, County's Preference Programs. However, please note that the preference programs apply to Contractors, not subcontractors.

- 33. Question:** How many microbiology labs that can handle both drinking water and waste water in LA County? One proposer said there is perhaps 3. Not one present here in this conference.

Response: We do not know how many microbiology labs can handle both drinking water and wastewater in LA County and defer this determination to the vendors.

- 34. Question:** Intercalibration Study, when was the last one conducted and when is the next one?

Response: The last intercalibration study for water chemistry was conducted in 2010. An intercalibration study for aquatic toxicity was conducted in 2016. We don't know when the next one will be conducted. We will inform the contracted lab once we are informed of any intercalibration study by SMC.

- 35. Question:** Can labs still qualify to bid even though Intercalibration Study is not ongoing?

Response Yes, but laboratories will be expected to participate in future intercalibration studies.

- 36. Question:** Can we get copies of former costs/rates?

Response: No. This is a new solicitation and we have no previous costs/rates sheets.

- 37. Question:** If the DHS requirement is removed from one section, will it be removed from the other sections?

Response: Yes, provided the other sections are making reference to DHS from the California Department of Public Health. The State Water Board's Environmental Laboratory Accreditation Program (ELAP) is the current certification body for environmental laboratories.

- 38. Question:** Is \$1.5 million the base year contract cost?

Response: See revised amounts listed on page 1 of this addendum.

- 39. Question:** Please elaborate on the cost table for the soil/sediment/solids and tissue analysis.

Response: The cost table is meant as a guide for the vendor to provide the following:

- i. Description of the method used to test the subject analyte
- ii. Unit Cost per Test per Analyte
- iii. Total Cost per Analyte per Year
- iv. Total Annual Cost to provide testing of all necessary analytes

The "Sewer Maintenance Division" program includes a wastewater treatment facility that has a sludge drying bed that requires this testing. The "Stormwater Quality Division - Environmental Planning Section" program will be removing the soil/sediment/solids and tissue requirements from its schedule of prices, focusing instead on stormwater analysis.

- 40. Question:** Subcontract laboratories conducting the toxicity testing like to be well informed. Please elaborate on the toxicity sampling and can you provide the portion of the permit that highlights toxicity sampling.

Response: Please refer to the contract website to obtain copies of applicable permits, Waste Discharge Requirements, and MS4 permits. These documents contain the toxicity sampling requirements. For example, refer to the "Sewer Maintenance Division" program's Waste Discharge Requirements for Malibu Mesa Water Reclamation Plant, page 20 "Acute Toxicity Limitation," and page 24 "Acute Toxicity Receiving Water Quality Objective". For another example, refer to the "Stormwater Quality Division – Flood Control District" program's Attachment E of the MS4 Permit CAS004001, Section XII, and the LARWQCB's August 7, 2015, memo. The requirements will be spelled out in the chain of custody for each sample per the LA County MS4 Permit (https://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/losangeles.shtml) and LARWQCB memo dated August 7, 2015.

- 41. Question:** Does the small business office need to be in LA County?

Response: Yes. In order to qualify for the Local Small Business Enterprise Program, the business must be located within Los Angeles County.

- 42. Question:** How many labs are certified for wastewater and drinking water analysis?

Response: Refer to Question No. 32.

- 43. Question:** Is field testing and sample collection mostly going to be grab and composite sampling?

Response: Yes, field testing will mostly consist of grab and composite sampling. The County will endeavor to perform as much of the sample collection activities as possible. These activities would be performed under the contract only in the case of emergency.

- 44. Question:** Can County provide a comprehensive list of sample locations and addresses and a pickup schedule so proposers can better estimate for their proposal?

Response: Please see Exhibit H, Sample Pickup Locations and Routine Sample Schedule.

- 45. Question:** Is there any routine pickup anticipated to occur during weekends and holidays, or is it mostly for storm sampling?

Response: There are no routine pick-ups anticipated during weekends or holidays. The County will make every effort to schedule routine pick-ups during the work week. Weekend or holiday pick-ups would only be required in the event of an emergency, such as non-routine repeat sampling for compliance. Most storm-related sampling will be collected and delivered by County staff to the lab for analysis, so the lab must be able to receive samples at all times, including weekends and holidays.

- 46. Question:** The schedule of prices has individual analytes listed as line items for costing purposes, but the laboratory may perform work by method which covers multiple analytes (i.e. OG pesticides). How do proposers show these costs on the schedule of prices?

Response: It is the County's intention to update the PW-2, Schedule of Prices, to include only the "full list" of analytes and those specific analytes from the "full list" to be tested on an individual basis. If Bidders discover that a comprehensive group of individual analytes listed in the PW-2 Schedule of Prices have matching quantities and can be covered under a "full list" method not noted in the PW-2, Schedule of Prices, then bidders may clearly identify the multiple analytes that can be covered under a single method and provide one "full list" unit cost for these items for evaluation.

- 47. Question:** If the schedule of prices has multiple methods but different (lower) reporting limits, how will County evaluate?

Response: The PW-2, Schedule of Prices, is organized by Program. The Bidder shall enter an approved method that meets the applicable detection and reporting limits (lower or equal) for each Program. If the bidder provides different cost quotes under different Programs for the same analyte(s), referencing the same method, detection limits, and reporting limits, then the lowest unit cost shall prevail. Please see revised Form PW-2s.

- 48. Question:** Can proposer submit an attachment with Form PW-2?

Response: Additional information may be submitted in accordance with Part I, Section 2, Proposal Preparation and Submission, Item A.14, Additional Information. However, please note Part I, Section 3, General Conditions of Request for Proposals, Item B, Altering Solicitation Document, which states: "The wording of the solicitation document shall not be changed. Any additions, conditions, limitations, or provisions inserted by the Proposer will render their Proposal irregular and may cause its rejection as nonresponsive."

- 49. Question:** Proposers are seeing potential issues with the low reporting limits required for some of the analytes in the stormwater programs. Can County provide minimum levels (MLs) for the laboratory to meet for some of these analytes?

Response: According to the Regional Board, if the Lab is able to report down to the minimum levels identified in Attachment E to the Department's NPDES permit, then report of "ND" will be sufficient to document compliance with the RWQCB Permit.

- 50. Question:** There are some field methods (i.e., temperature, pH, DO) that are listed on the schedule of prices, but since the laboratory will not be in the field, how should they price these analytes? They won't be able to meet the holding time.

Response: The County plans to self-perform all testing in the field. The County will work to revise each PW-2, Schedule of Prices, to remove any tests that will be performed by County forces in the field. Instead, we will request a **unit cost** (\$/test) under the heading of "Additional Services" for the bidder to upload field tests to the lab's LIMS so that the County can download this data from Laboratory Information Management System and upload to our database.

51. Question: When was the last intercalibration study? Can the laboratory apply to participate after they've been awarded the contract?

Response: See response to Question No. 23 above.

52. Question: Sample Delivery and Pickup: There is a sentence that indicates "the sampling equipment, including collection bottles will be cleaned, assembled, and delivered to the County at various points within Los Angeles County and within 24 hours after the sampler is received by the Contractor". This could add up to be a hefty cost. Is this listed somewhere in the schedule of prices?

Response: Please see Exhibit H, Sample Delivery Pick-up Locations by Programs.

53. Question: How should the proposer address this?

Response: See answer to question No. 52.

54. Question: Some analytes (i.e., lactose, protein, and fat in PW 2-7) are unusual for an environmental laboratory services. Would County consider removing these rare uncommon analytes for the purposes of this contract proposal and requesting the non-routine samples once a laboratory has been selected?

Response: No. Permit requires our wastewater treatment facilities to analyze uncommon laboratory services for radioactivity, priority pollutants, and constituents of emerging concerns. We expect work to be given to the sub-contracting labs with the ability to perform such task.

55. Question: If the laboratory hasn't worked directly with the County but has worked with the County through a subcontractor, is that okay? Does Metro count as the County? Can we submit as a reference?

Response: Prior working experience with the County is not a minimum requirement for this solicitation. However, if a laboratory has performed worked for the County as a Contractor or subcontractor, then it may be listed as a reference. No, Metro is not part of the County, but may submitted as a reference.

56. Question: If the prime firm utilizes laboratories from the same parent company that are in a different building or location, are the non-prime laboratories that are part of the same parent company as the prime considered subcontractors?

Response: Based on the lack of additional information regarding the corporate formation of your company, as indicated in your hypothetical, all service providers, including subcontractors that share a parent corporation, must meet all contract requirements.

- 57. Question:** Will DPW consider any proposed changes to the Insurance and/or Indemnification language listed in the RFP?

Response: No. Department of Public Works will not consider making changes to the Insurance and/or Indemnification language listed in the RFP.

- 58. Question:** May the reporting limits listed be met with MDL-MRL reporting if the RL listed cannot be met based upon current approved methods under 40 CFR Part 136?

Response: The Schedule of prices have been updated with minimum levels that have been approved by the Regional Board. Proposer's should adhere to the reporting and/or detection limits provided on each program's individual PW-2 form and the methods listed under 40 (CFR) Part 136, unless otherwise specified. If no reporting limit is listed or the laboratory cannot meet the provided reporting limit/detection limit with the methods under 40 CFR Part 136, the proposer can use a defensible MDL-MRL reporting for the purpose of the bid; however, if the Proposer is chosen any non-compliance with the required reporting limits may require Regional Board approval. Additionally, Form PW-2.3 RLs were revised to include RWQCB MLs for analytes where the ML is greater than required effluent limitations from the permit. In the event that a ML listed is less than the MDL per 40 CFR 136, the lab can propose a suitable method, MDL, and price. The bid will be evaluated on the most cost effective means of achieving the RWQCB required ML.

- 59. Question:** Please confirm that there will be an annual cost of living adjustment to the initial year rates.

Response: Yes, a cost of living adjustment may be allowed. Please see addendum section, item 10.

- 60. Question:** Can you please provide the schedule of price tables (PW-2 sheets) in Excel?

Response: An excel file version of Forms PW-2s may be accessed at <http://dpw.lacounty.gov/brcd/servicecontracts/>. Proposers may use the excel file to input the required cost/data and submit with their proposal.

- 61. Question:** May we state "Included" for those analytes included as a single method for tests listed in the price tables?

Response: See responses to Question No. 11, No. 16, & No. 45. We made every effort to revise the Schedule of Prices to remove unnecessary analytes that will not be tested on an individual basis. However, if the bidder identifies a full list of analytes with identical quantities, then the bidder may clearly denote the group of analytes on the Schedule of Prices and provide one unit cost for "full list" testing and include a total cost for the "full list" for evaluation.

- 62. Question:** Section 1.K - If an out of state laboratory is utilized for specialty testing, can they be exempt from the Jury Duty Program?

Response: No. The Jury Service Program applies to Contractor and Subcontractors. For additional information, please refer to Part I, Section 1, Introduction, Item K, Jury Service Program, on Pages 1.4 and 1.5.

- 63. Question:** Section 1.K.3 - Can you please confirm that if the subcontract value is less than \$50,000 that the Subcontractor can be considered exempt from the Jury Duty Program.

Response: No. This exemption is not available since the total annual contract amount of this service is estimated to be \$1.5 million. For additional information, please refer to Part I, Section 1, Introduction, item K, Jury Service Program, on Pages 1.4 and 1.5, and Form PW-3.

- 64. Question:** Form PW-2.2 - Line Items 1 & 2. Can you please provide a sample report to show the required analytes, methods and RLs to ensure the line items are properly quoted?

Response: Please see Toxicity Dry California Environmental Data Exchange Network Sample report, which may be access at <http://dpw.lacounty.gov/brcd/servicecontracts>. Below is the website for CEDEN data templates. In addition, please refer to MS4 Permit Attachment E, Section XII.K for more information on Chronic Toxicity Reporting. http://www.ceden.org/ceden_datatemplates.shtml.

65. Question: Form PW-2.2 - Line item 11, can method EPA 1664 be substituted for 418.1?

Response: Yes, if the method is comparable and meets the detection and reporting limits shown in Schedule of Prices PW-2.2. Please see revised Form PW-2.2.

66. Question: Form PW-2.3 - Residual Chlorine has a 15 minute holding time. Will this be analyzed in the field? If not the results will be flagged as missing the holding time.

Response: We are aware of the 15 minute hold time on Residual Cl. If analysis of this parameter is requested, please perform testing in the field when custody of samples are transferred. We expect all analysis that missed the holding time to be flagged and noted in the lab report.

67. Question: Form PW-2.3 - Acute Toxicity, please provide specific species required.

Response: Permits specify using topsmelt, *Atherinops affinis*, since discharges are to coastal waters, and requires method: EPA/600/R-95/136 or a more recent edition. Our current lab uses EPA600/4-90/27F. Please see revised Form PW-2.3

68. Question: Form PW-2.5 - Line item 22, pH has a 15 minute holding time, will this be analyzed in the field? If not the results will be flagged as missing the holding time.

Response: This will be analyzed in the field. Please see revised Forms PW-2.5A and PW-2.5B.

69. Question: Form PW-2.5 - Line item 40, Residual chlorine has a 15 minute holding time. Will this be analyzed in the field? If not the results will be flagged as missing the holding time.

Response: This will be analyzed in the field. Please see Revised Form PW-2.5A and PW-2.5B.

70. Question: Form PW-2.5 - Line item 41, Chlorine (free) has a 15 minute holding time. Will this be analyzed in the field? If not the results will be flagged as missing the holding time.

Response: Line 41 is referring to Residual Chlorine and is analyzed in the field.

- 71. Question:** Form PW-2.5 - Line item 44, Acute Toxicity, please provide specific species required and note if % survival only.

Response: The test is % survival. The fathead minnow, *Pimephales promelas*, shall be used as the test species for fresh water discharges and the topsmelt, *Atherinops affinis*, shall be used as the test species for brackish discharges. The method for topsmelt is found in USEPA's Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Marine and Estuarine Organisms, Third Edition, October 2002, (EPA/821-R-02-014).

- 72. Question:** Form PW-2.6 - Line item 12, Residual Chlorine has a 15 minute holding time. Will this be analyzed in the field? If not the results will be flagged as missing the holding time.

Response: Residual chlorine will be the responsibility of the sample collecting agency and should be clearly written on the chain of custody at the time of sample handoff to allow for reporting lab to include it in their report. Please see revised Form PW-2.6.

- 73. Question:** Form PW-2.7 - Line item 6, Fish Toxicity, please provide specific species and define as acute or chronic, and if line item applies to hazardous waste screen or NPDES.

Response: Applies to hazardous waste determination - LC50 method. Please see revised Form PW-2.7.

- 74. Question:** Form PW-2.7 - Line item 9, Particle Size, please provide specific method and matrix.

Response: Line 9 has been removed from Environmental Programs Division Form PW-2.7. Please see Revised Form PW-2.7.

- 75. Question:** Form PW-2.7 - Line Items 18, 19, 20 & 23, these are not standard environmental test methods and there are no certified methods for water/wastewater. Can these line items be removed? If not we will need an example report or additional information to confirm the tests, methods and reporting limits required.

Response: Line items will not be removed. Items 18, 19, 20 required Method: Total Milk Allergen - Test Method: Neogen Veratox Test. Item 23 Test Method: AOAC 982.14; 977.20 Modified. Please see Revised Form PW-2.7.

- 76. Question:** Form PW-2.7 - Line items 11 & 17 have 15 minute holding time. Will these be analyzed in the field? If not the results will be flagged as missing the holding time.

Response: There may be times it will need to be analyzed in the field. We expect all analysis that miss the holding time to be flagged. Please see Revised Form PW-2.7.

- 77. Question:** Form PW-2.7 - Line item 39, please clarify if list is Priority Pollutant or CAM 17 Metals.

Response: Priority Pollutant. Please see Revised Form PW-2.7.

- 78. Question:** Form PW-2.7 - Line item 45, please provide additional detail - methods and reporting limits required.

Response: Test Method: 6010 in Water or Soil (EPA 6010B; 7470 in Water (EPA 7470A) and 7471 in Soil (EPA 7471A). Please see Revised Form PW-2.7.

- 79. Question:** Form PW-2.7 - Line item 49, please provide additional detail - methods and reporting limits required.

Response: Line 49 was intended to be a header for Lines: 50-55 (See table below Question 80). Please see Revised Form PW-2.7.

- 80. Question:** Form PW-2.7 - Line items 50 & 51, can EPA 624 be substituted for EPA 601/602?

Response: Yes (See table below Question 80.) Please see Revised Form PW-2.7.

- 81. Question:** Form PW-2.7 - Line item 55, can 418.1 be substituted with EPA 1664?

Response: Yes (see table below)

	<u>Water</u> <u>EPA Method</u>	<u>Soil</u> <u>EPA Method</u>
Line 50.	624 instead of 601	8260
Line 51.	624 instead of 602	8260
Line 52.	608	8081/8082
Line 53.	624	8260
Line 54.	624+TIC	8260+TIC
Line 55.	1664 SGT/HEM instead of 418.1	1664 SGT/HEM instead of 418.1

82. Question: Form PW-2.7 - Line items 56-59, can EPA 8260 be substituted for method 8021?

Response: Yes. Please see Revised Form PW-2.7.

83. Question: Form PW-2.7 - Line item 63, no reference note for * EPD

Response: See Line 77. Unit Price for Line 63 shall include soil sample prep for volatiles (5035). Please see Revised Form PW-2.7.

84. Question: Form PW-2.7 - Line item 66, please additional detail - methods and reporting limits required.

Response: EPA Method 1010-Pensky-Martens Closed Cup. Please see Revised Form PW-2.7.

85. Question: Form PW-2.7 - Line item 75 & 76, these are not standard environmental tests, can these be removed from the bid list? If not, additional information is needed - test, methods and reporting limits required.

Response: Both lines 75 and 76 will be removed from Environmental Program Division Form PW-2.7. Please see Revised Form PW-2.7.

86. Question: Form PW-2.7 - Line item 81, please verify - methods and reporting limits required.

Response: American Society for Testing Materials D4763 test method with a detection limit of 0.007 (units). Please see Revised Form PW-2.7.

87. Question: Form PW-2.8, the cover sheet to this section indicates that the SOW applies to various matrices which include tissue and sediments, we cannot offer

the same pricing for all matrices. Can the unit rates be limited to a single matrix such as stormwater (note units on bid sheet are water units) or provide additional options to price different matrices differently?

Response: See response to Question 39. Please see Revised Form PW-2.8.

- 88. Question:** Form PW-2.8 - Line Items 248-251 Toxicity - Can you please confirm methods and reporting limits required or provide a sample report to indicate what is specifically needed for this line item?

Response: See attached toxicity reference documents. Note, we would only be conducting toxicity sampling as supplemental special studies to the MS4 requirements (SWQD-FCD's monitoring program) which are provided in Attachment E of the MS4 Permit CAS004001, Section XII, and the LARWQCB's August 7, 2015 memo. https://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/losangeles.shtml. Please see revised Form PW-2.8

- 89. Question:** Form PW-2.9 - Sum of Items, do we assume a single unit for summation (IE hour, batch, trip etc.)?

Response: Assume the units listed. PW-2.9 will be for reference and these items will not factor into the total cost evaluation. Please see Revised Form PW-2.9.

- 90. Question:** Form PW-2.9 - Rush surcharges - rush surcharges are less than industry standard and would be restrictive to accept rush work, can these be bid as line items?

Response: The Rush surcharges have been revised as follows: 5-Day = 100%; 72-Hour = 150%; 48-Hour = 200%; 24-Hour = 250%; Same Day = 300%. This will ensure that all bidders are entering unit costs based on the same assumption for rush surcharge rates. We do not support making these bid items because it will be difficult to evaluate in the total cost evaluation. Please see revised Form PW-2.9.

- 91. Question:** There is no line item for sample compositing, can this be added to Section PW-2.9?

Response: Form PW-2.9, Part G. includes a line item for Mixing Time-Weighted Composite Samples/Create Flow-Weighted Composite Sample.

based on a unit cost of Staff Labor Surcharge per hour (\$ per hour). Please see Revised Form PW-2.9.

- 92. Question:** Exhibit A SOW Section E.1, the requirement that performs analyses per Stormwater Monitoring Coalition Laboratory Guidance Document. Can this be removed or please provide more specific information - test, methods and reporting limits required.

Response: See response to question 30 above. Section E.1 of Exhibit A is meant to inform laboratories/bidders of the requirement for their participation in the Stormwater Monitoring Coalition's Intercalibration Studies for laboratories.

- 93. Question:** Exhibit A SOW Section E.6 – Is "Notification" limited to testing of Potable water (Waterworks Section)?

Response: No. Notification is applicable to all Programs.

- 94. Question:** Exhibit A SOW Section K.6 - Data retention requirement of 12 years exceeds industry standard, NELAC requires retention of data for 5 years. Can this be modified to 3 years which is the industry standard?

Response: The County has reduced the data retention requirement to 5 years in accordance with our Department standards.

- 95. Question:** Exhibit A SOW Section K.16 - The proposed unit rates should only apply to the initial lab and proposed subcontractors, can this section be omitted. If not, the proposer will need to procure rates for multiple subs for the same line items and use the higher of the rates which would not be allow us to offer the most favorable rates to the county for the routine work.

Response: This requirement has changed. Please see Addendum, Item No. 20 above.

- 96. Question:** Please clarify which test, if any, is required on Line 49 of PW-2.7.

Response: Line 49 was intended to be a header for Lines: 50-55 (See Table below Question 80). Please see Revised Form PW-2.7.

- 97. Question:** Please clarify which test, if any, is required on Line 75 of PW-2.7.

Response: Line 75 will be removed from Environmental Programs Division Form PW-2.7. Please see Revised Form PW-2.7.

98. Question: Please clarify which test, if any, is required on Line 76 of PW-2.7.

Response: Line 76: Microscopic Exam-Pictures Preferred Method: PLD. Please see Revised Form PW-2.7.

If you have any questions concerning the above information, please contact Mr. Jairo Flores at (626) 458-4069 or Ms. Jessica Dunn at (626) 458-4069, Monday through Thursday, 7 a.m. to 5 p.m.

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Very truly yours,

MARK PESTRELLA
Director of Public Works



for: JOSE M. QUEVEDO
Assistant Deputy Director
Business Relations and Contracts Division

JF

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SEWER MAINTENANCE DIVISION

WASTEWATER PROGRAM

Following is the Schedule of Prices, including a summary of constituents and test methods for wastewater effluent, groundwater and surface water related to Waste Discharge Requirements for the Lake Hughes Community Wastewater Treatment Facility, Trancas Water Pollution Control Plant, Malibu Mesa Wastewater Reclamation Facility, and Malibu Water Pollution Control Plant. Please access the waste discharge requirements for each of the facilities listed above at <http://dpw.lacounty.gov/brcd/servicecontracts/>.

An excel file version of Form PW-2.1 may be accessed at:

<http://dpw.lacounty.gov/brcd/servicecontracts/>

Proposers may use the excel file to input the required cost/data and submit with their proposal.

**ANALYTICAL METHOD REQUIREMENTS
SEWER MAINTENANCE DIVISION (SMD)**

The undersigned Proposer offers to perform the work described in the Request for Proposal (RFP) for the following price(s). The Proposer's rate(s) (hourly, monthly, etc.) shall include all administrative costs, labor, supervision, overtime, materials, transportation, taxes, equipment, sample containers, supplies, and laboratory consultation unless stated otherwise in the RFP. It is understood and agreed that quantities may vary for any project and the unit prices quoted in the Schedule of Prices will apply to the actual quantities, whatever they may be. Required turnaround times ("Required TAT") are listed in business days (i.e., 5 business days per week) and can be changed on a per project basis with Program Manager approval. Although not anticipated, the County may request analysis for test methods or additional laboratory services not listed below. Any test not listed on this Schedule of Prices will be paid at the Proposer's current published prices which include all costs for the testing as described above.

The following table provides an estimate of SMD's annual testing requirements. Required analyses shall be performed by laboratories certified by the State Water Resources Control Board to perform such analyses pursuant to Article 3, commencing with section 100825, of Chapter 4 of Part 1 of Division 101, Health and Safety Code. Unless directed otherwise by the State Board, analyses shall be made in accordance with U.S. EPA approved methods as prescribed at 40 Code of Federal Regulations parts 141.21 through 141.42, 141.66, and 141.89. Tests listed below are to be performed on water samples from wastewater treatment plant effluent, groundwater monitoring wells, and surface water monitoring locations. Samples are collected by treatment plant operators on a weekly basis mid-week and brought to a central treatment plant in the Malibu area for pickup by the Proposer's courier by noon on the prescheduled regular sampling day. Proposer shall deliver prepopulated COC and all necessary sample bottles/coolers at least two weeks in advance of sample pickup. Costs must include all electronic reporting (pdf report), sample bottle delivery, and courier service within applicable holding times to lab(s). If the Proposer can provide analysis by more than one analytical method of an individual analyte, the Proposer may add lines to the spreadsheet below to provide the different method(s), method detection limit(s), and unit cost(s).

Constituent	Proposed Method	MDL	MRL	DLR	Effluent Limit	Units	Required TAT	Estimated Quantity (per year)	Unit Cost	Total Cost
Wastewater Effluent										
Ammonia-N				-	-	mg/L	10	32		\$ -
BOD ₅ 20°C				-	20	mg/L	10	160		\$ -
Boron				100	1000	µg/L	10	32		\$ -
Chloride				-	150	mg/L	10	32		\$ -
Enterococcus				-	-	MPN/100mL	10	52		\$ -
Fecal Coliform				-	200	MPN/100mL	10	104		\$ -
Nitrate as Nitrogen (N)				0.4	10	mg/L	10	32		\$ -
Nitrite as Nitrogen (N)				0.4	1	mg/L	10	32		\$ -
Oil and Grease				-	10	mg/L	10	72		\$ -
Organic Nitrogen				-	-	mg/L	10	28		\$ -

AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.1

Constituent	Proposed Method	MDL	MRL	DLR	Effluent Limit	Units	Required TAT	Estimated Quantity (per year)	Unit Cost	Total Cost
Phosphate (as PO ₄) ²				-	-	mg/L	10	4		\$ -
Phosphate, Ortho (as PO ₄) ²				-	-	mg/L	10	4		\$ -
Phosphorus				-	-	mg/L	10	24		\$ -
Residual Chlorine				-	-	mg/L	10	52		\$ -
Sufractants (MBAS)				-	1	mg/L	10	24		\$ -
Sulfate (SO ₄)				0.5	150	mg/L	10	32		\$ -
Total Coliform				-	2.2	MPN/100mL	10	104		\$ -
Total Dissolved Solids				-	800	mg/L	10	32		\$ -
Total Nitrogen ^a	Calculation			0.4	10	mg/L	10	16		\$ -
Total Organic Carbon (TOC)				0.3	20	mg/L	10	8		\$ -
Total Suspended Solids				-	15	mg/L	10	160		\$ -
Groundwater										
Ammonia-N				-	-	mg/L	10	50		\$ -
BOD ₅ 20°C				-	-	mg/L	10	44		\$ -
Boron				100	1	µg/L	10	44		\$ -
Chloride				-	250	mg/L	10	50		\$ -
Enterococcus				-	1.1	MPN/100mL	10	16		\$ -
Fecal Coliform				-	1.1	MPN/100mL	10	44		\$ -
Fluoride (F) (Natural-Source)				0.1	-	mg/L	10	6		\$ -
Nitrate as Nitrogen (N)				0.4	10	mg/L	10	50		\$ -

AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.1

Constituent	Proposed Method	MDL	MRL	DLR	Effluent Limit	Units	Required TAT	Estimated Quantity (per year)	Unit Cost	Total Cost
Nitrite as Nitrogen (N)				0.4	1	mg/L	10	50		\$ -
Organic Nitrogen				-	-	mg/L	10	44		\$ -
Phosphate (as PO ₄) ²				-	-	mg/L	10	6		\$ -
Phosphate, Ortho (as PO ₄) ²				-	-	mg/L	10	6		\$ -
Phosphorus				-	-	mg/L	10	44		\$ -
Residual Chlorine				-	-	mg/L	10	16		\$ -
Surfactants (MBAS)				-	-	mg/L	10	50		\$ -
Sulfate (SO ₄)				0.5	250	mg/L	10	50		\$ -
Total Coliform				-	1.1	MPN/100mL	10	44		\$ -
Total Dissolved Solids				-	1000	mg/L	10	50		\$ -
Total Nitrogen ⁸	Calculation			0.4	10	mg/L	10	16		\$ -
Surface Water										
Ammonia-N				-	-	mg/L	10	16		\$ -
BOD ₅ 20° C				-	-	mg/L	10	16		\$ -
Boron				100	-	µg/L	10	16		\$ -
Chloride				-	500	mg/L	10	16		\$ -
Enterococcus				-	-	MPN/100mL	10	16		\$ -
Fecal Coliform				-	-	MPN/100mL	10	16		\$ -
Nitrate as Nitrogen (N)				0.4	10	mg/L	10	16		\$ -
Nitrite as Nitrogen (N)				0.4	1	mg/L	10	16		\$ -

AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.1

Constituent	Proposed Method	MDL	MRL	DLR	Effluent Limit	Units	Required TAT	Estimated Quantity (per year)	Unit Cost	Total Cost
Organic Nitrogen				-	-	mg/L	10	16		\$ -
Phosphorus				-	-	mg/L	10	16		\$ -
Residual Chlorine				-	-	mg/L	10	16		\$ -
Sufragants MBAS (Foaming Agents)				-	0.5	mg/L	10	16		\$ -
Sulfate (SO4)				0.5	500	mg/L	10	16		\$ -
Total Coliform				-	-	MPN/100mL	10	16		\$ -
Total Dissolved Solids				-	1000	mg/L	10	16		\$ -
Total Nitrogen ⁸	Calculation			0.4	-	mg/L	10	16		\$ -
Priority Pollutants (for Effluent and Groundwater)										
Metals										
Antimony				6	-	µg/L	30	7		\$ -
Arsenic				2	-	µg/L	30	7		\$ -
Asbestos				0.2	-	MFL	30	7		\$ -
Beryllium				1	-	µg/L	30	7		\$ -
Cadmium (Cd)				1	-	µg/L	30	7		\$ -
Chromium (Total Cr)				10	-	µg/L	30	7		\$ -
Copper (Cu)				50	-	µg/L	30	7		\$ -
Lead (Pb)				5	-	µg/L	30	7		\$ -
Mercury (Hg)				1	-	µg/L	30	7		\$ -
Nickel				10	-	µg/L	30	7		\$ -

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.1

Constituent	Proposed Method	MDL	MRL	DLR	Effluent Limit	Units	Required TAT	Estimated Quantity (per year)	Unit Cost	Total Cost
Selenium (Se)				5	-	µg/L	30	7		\$ -
Silver (Ag)				10	-	µg/L	30	7		\$ -
Thallium				1	-	µg/L	30	7		\$ -
Zinc (Zn)				50	-	µg/L	30	7		\$ -
<u>OC Pesticides/PCBs</u>										
4,4'-DDD				0.02	-	µg/L	30	7		\$ -
4,4'-DDE				0.01	-	µg/L	30	7		\$ -
4,4'-DDT				0.02	-	µg/L	30	7		\$ -
Aldrin				0.075	-	µg/L	30	7		\$ -
alpha-BHC				0.01	-	µg/L	30	7		\$ -
beta-BHC				0.05	-	µg/L	30	7		\$ -
Chlordane				0.1	-	µg/L	30	7		\$ -
delta-BHC				0.05	-	µg/L	30	7		\$ -
Dieldrin				0.02	-	µg/L	30	7		\$ -
Endosulfan I				0.01	-	µg/L	30	7		\$ -
Endosulfan II				0.01	-	µg/L	30	7		\$ -
Endosulfan sulfate				0.05	-	µg/L	30	7		\$ -
Endrin				0.1	-	µg/L	30	7		\$ -
Endrin aldehyde				0.05	-	µg/L	30	7		\$ -
Heptachlor				0.01	-	µg/L	30	7		\$ -

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.1

Constituent	Proposed Method	MDL	MRL	DLR	Effluent Limit	Units	Required TAT	Estimated Quantity (per year)	Unit Cost	Total Cost
Heptachlor epoxide				0.01	-	µg/L	30	7		\$ -
Lindane (gamma-BHC)				0.2	-	µg/L	30	7		\$ -
PCB-1016 (as decachlorobiphenyl (DCB))				0.5	-	µg/L	30	7		\$ -
PCB-1221 (as DCB)				0.5	-	µg/L	30	7		\$ -
PCB-1232 (as DCB)				0.5	-	µg/L	30	7		\$ -
PCB-1242 (as DCB)				0.5	-	µg/L	30	7		\$ -
PCB-1248 (as DCB)				0.5	-	µg/L	30	7		\$ -
PCB-1254 (as DCB)				0.5	-	µg/L	30	7		\$ -
PCB-1260 (as DCB)				0.5	-	µg/L	30	7		\$ -
Toxaphene				1	-	µg/L	30	7		\$ -
<u>VOCs</u>										
1,1,1-Trichloroethane (1,1,1-TCA)				0.5	-	µg/L	30	7		\$ -
1,1,2,2-Tetrachloroethane				0.5	-	µg/L	30	7		\$ -
1,1,2-Trichloroethane (1,1,2-TCA)				0.5	-	µg/L	30	7		\$ -
1,1-Dichloroethane (1,1-DCA)				0.5	-	µg/L	30	7		\$ -
1,1-Dichloroethylene (1,1-DCE)				0.5	-	µg/L	30	7		\$ -
1,2-Dichlorobenzene (o-DCB)				0.5	-	µg/L	30	7		\$ -
1,2-Dichloroethane (1,2-DCA)				0.5	-	µg/L	30	7		\$ -
1,2-Dichloropropane				0.5	-	µg/L	30	7		\$ -
1,3-Dichloropropene, Total ⁷				0.5	-	µg/L	30	7		\$ -

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.1

Constituent	Proposed Method	MDL	MRL	DLR	Effluent Limit	Units	Required TAT	Estimated Quantity (per year)	Unit Cost	Total Cost
1,4-Dichlorobenzene (p-DCB)				0.5	-	µg/L	30	7		\$ -
2-Chloroethylvinyl Ether				-	-	µg/L	30	7		\$ -
Acrolein				-	-	µg/L	30	7		\$ -
Acrylonitrile (Acritet)				-	-	µg/L	30	7		\$ -
Benzene				0.5	-	µg/L	30	7		\$ -
Bromoform				1	-	µg/L	30	7		\$ -
Bromomethane (Methyl Bromide)				0.5	-	µg/L	30	7		\$ -
Carbon tetrachloride				0.5	-	µg/L	30	7		\$ -
Chlorodibromomethane ⁹				1	-	µg/L	30	7		\$ -
Chloroethane				0.5	-	µg/L	30	7		\$ -
Chloroform (Trichloromethane)				1	-	µg/L	30	7		\$ -
Chloromethane (Methyl Chloride)				0.5	-	µg/L	30	7		\$ -
Dibromochloromethane ⁹				1	-	µg/L	30	7		\$ -
Dichloromethane (methylene chloride)				0.5	-	µg/L	30	7		\$ -
Ethyl Benzene				0.5	-	µg/L	30	7		\$ -
Monochlorobenzene (Chlorobenzene)				0.5	-	µg/L	30	7		\$ -
Tetrachloroethylene (PCE)				0.5	-	µg/L	30	7		\$ -
Toluene				0.5	-	µg/L	30	7		\$ -
trans-1,2-Dichloroethylene (t-1,2-DCE)				0.5	-	µg/L	30	7		\$ -
Trichloroethylene (TCE)				0.5	-	µg/L	30	7		\$ -

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.1

Constituent	Proposed Method	MDL	MRL	DLR	Effluent Limit	Units	Required TAT	Estimated Quantity (per year)	Unit Cost	Total Cost
Vinyl Chloride (VC)				0.5	-	µg/L	30	7		\$ -
SVOCs										
1,2,4-Trichlorobenzene				0.5	-	µg/L	30	7		\$ -
1,2-Diphenylhydrazine				-	-	µg/L	30	7		\$ -
1,3-Dichlorobenzene (m-DCB)				0.5	-	µg/L	30	7		\$ -
2,4,6-Trichlorophenol				5	-	µg/L	30	7		\$ -
2,4-Dichlorophenol				5	-	µg/L	30	7		\$ -
2,4-Dimethylphenol				5	-	µg/L	30	7		\$ -
2,4-Dinitrophenol				5	-	µg/L	30	7		\$ -
2,4-Dinitrotoluene				5	-	µg/L	30	7		\$ -
2,6-Dinitrotoluene				5	-	µg/L	30	7		\$ -
2-Chloronaphthalene				5	-	µg/L	30	7		\$ -
2-Chlorophenol				5	-	µg/L	30	7		\$ -
2-Nitrophenol				5	-	µg/L	30	7		\$ -
3,3-Dichlorobenzidine				20	-	µg/L	30	7		\$ -
4,6-Dinitro-O-cresol				-	-	µg/L	30	7		\$ -
4-Bromophenyl phenyl ether				5	-	µg/L	30	7		\$ -
4-Chloro-3-Methylphenol				5	-	µg/L	30	7		\$ -
4-Chlorophenyl phenyl ether				5	-	µg/L	30	7		\$ -
4-Nitrophenol				5	-	µg/L	30	7		\$ -

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.1

Constituent	Proposed Method	MDL	MRL	DLR	Effluent Limit	Units	Required TAT	Estimated Quantity (per year)	Unit Cost	Total Cost
Acenaphthene				5	-	µg/L	30	7		\$ -
Acenaphthylene				5	-	µg/L	30	7		\$ -
Anthracene				5	-	µg/L	30	7		\$ -
Benzidine				5	-	µg/L	30	7		\$ -
Benzo (A) anthracene				10	-	µg/L	30	7		\$ -
Benzo (B) fluoranthene				10	-	µg/L	30	7		\$ -
Benzo (ghi) Perylene				10	-	µg/L	30	7		\$ -
Benzo (K) fluoranthene				10	-	µg/L	30	7		\$ -
Benzo(a)pyrene				0.1	-	µg/L	30	7		\$ -
Benzyl Butyl Phthalate				10	-	µg/L	30	7		\$ -
Bis (2-Chloroethoxy) methane				5	-	µg/L	30	7		\$ -
Bis (2-Chloroethyl) ether				-	-	µg/L	30	7		\$ -
Bis (2-Chloroisopropyl) ether				5	-	µg/L	30	7		\$ -
Chrysene				5	-	µg/L	30	7		\$ -
Dibenzo (a,h) anthracene				5	-	µg/L	30	7		\$ -
Diethylhexylphthalate (DEHP)				3	-	µg/L	30	7		\$ -
Diethylphthalate				5	-	µg/L	30	7		\$ -
Dimethylphthalate				5	-	µg/L	30	7		\$ -
di-n-Butylphthalate				5	-	µg/L	30	7		\$ -
di-n-Octylphthalate				5	-	µg/L	30	7		\$ -

AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.1

Constituent	Proposed Method	MDL	MRL	DLR	Effluent Limit	Units	Required TAT	Estimated Quantity (per year)	Unit Cost	Total Cost
Fluoranthene				5	-	µg/L	30	7		\$ -
Fluorene				5	-	µg/L	30	7		\$ -
Hexachlorobenzene				0.5	-	µg/L	30	7		\$ -
Hexachlorobutadiene				0.5	-	µg/L	30	7		\$ -
Hexachlorocyclopentadiene				1	-	µg/L	30	7		\$ -
Hexachloroethane				5	-	µg/L	30	7		\$ -
Indeno (1,2,3-CD) pyrene				10	-	µg/L	30	7		\$ -
Isophorone				10	-	µg/L	30	7		\$ -
Naphthalene				0.5	-	µg/L	30	7		\$ -
Nitrobenzene				-	-	µg/L	30	7		\$ -
N-Nitrosodi-n-propylamine (NDPA)				-	-	µg/L	30	7		\$ -
N-Nitrosodiphenylamine				-	-	µg/L	30	7		\$ -
Pentachlorophenol (PCP)				0.2	-	µg/L	30	7		\$ -
Phenanthrene				5	-	µg/L	30	7		\$ -
Phenol (Carbolic Acid)				5	-	µg/L	30	7		\$ -
Pyrene				5	-	µg/L	30	7		\$ -
<u>Dioxins</u>										
2,3,7,8-TCDD (Dioxin)				5	-	pg/L	30	7		\$ -
<u>NDMA</u>										
N-Nitrosodimethylamine (NDMA)				-	-	µg/L	30	7		\$ -

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.1

Constituent	Proposed Method	MDL	MRL	DLR	Effluent Limit	Units	Required TAT	Estimated Quantity (per year)	Unit Cost	Total Cost
<u>Cyanide</u>										
Cyanide				100	-	µg/L	30	7		\$ -
<u>Radioactivity</u>										
Gross Alpha ⁴				3	-	pCi/L	30	1		\$ -
Gross Beta				4	-	pCi/L	30	1		\$ -
Radium 226 ^{3,4}				1	-	pCi/L	30	1		\$ -
Radium 228 ³				1	-	pCi/L	30	1		\$ -
Strontium - 90				2	-	pCi/L	30	1		\$ -
Tritium				1000	-	pCi/L	30	1		\$ -
Uranium				1	-	µg/L	30	1		\$ -
<u>CECs (Wastewater Effluent)</u>										
17-Alpha Ethinyl estradiol				-	-	µg/L	30	1		\$ -
17-Beta estradiol				-	-	µg/L	30	1		\$ -
Acetaminophen				-	-	µg/L	30	1		\$ -
Amoxicillin				-	-	µg/L	30	1		\$ -
Azithromycin				-	-	µg/L	30	1		\$ -
Bisphenol A				-	-	µg/L	30	1		\$ -
Caffeine				-	-	µg/L	30	1		\$ -
Carbamazepine				-	-	µg/L	30	1		\$ -
Ciprofloxacin				-	-	µg/L	30	1		\$ -

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.1

Constituent	Proposed Method	MDL	MRL	DLR	Effluent Limit	Units	Required TAT	Estimated Quantity (per year)	Unit Cost	Total Cost
DEET				-	-	ng/L	30	1		\$ -
Dilantin				-	-	ng/L	30	1		\$ -
Estrone				-	-	µg/L	30	1		\$ -
Gemfibrozil				-	-	µg/L	30	1		\$ -
Ibuprofen				-	-	µg/L	30	1		\$ -
Lipitor				-	-	µg/L	30	1		\$ -
Nonylphenol polyethoxylate ⁵				-	-	µg/L	30	1		\$ -
Nonylphenol ⁵				-	-	µg/L	30	1		\$ -
Octylphenol polyethoxylate ⁶				-	-	µg/L	30	1		\$ -
Octylphenol ⁶				-	-	µg/L	30	1		\$ -
Polybrominated diphenyl ethers				-	-	µg/L	30	1		\$ -
Primidone				-	-	ng/L	30	1		\$ -
Salicylic acid				-	-	µg/L	30	1		\$ -
Sulfamethoxazole				-	-	ng/L	30	1		\$ -
TCEP				-	-	ng/L	30	1		\$ -
Triclosan				-	-	µg/L	30	1		\$ -
Trimethoprim				-	-	ng/L	30	1		\$ -
Sludge Drying Bed										
Ammonia-N				-	-	mg/kg	30	1		\$ -
Arsenic				-	-	mg/kg	30	1		\$ -

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.1

Constituent	Proposed Method	MDL	MRL	DLR	Effluent Limit	Units	Required TAT	Estimated Quantity (per year)	Unit Cost	Total Cost
Cadmium (Cd)				-	-	mg/kg	30	1		\$ -
Copper (Cu)				-	-	mg/kg	30	1		\$ -
Lead (Pb)				-	-	mg/kg	30	1		\$ -
Mercury (Hg)				-	-	mg/kg	30	1		\$ -
Molybdenum				-	-	mg/kg	30	1		\$ -
Nickel				-	-	mg/kg	30	1		\$ -
Nitrate as Nitrogen (N)				-	-	mg/kg	30	1		\$ -
Organic Nitrogen				-	-	mg/kg	30	1		\$ -
Selenium (Se)				-	-	mg/kg	30	1		\$ -
Zinc (Zn)				-	-	mg/kg	30	1		\$ -
TOTAL PROPOSED ANNUAL PRICE:									\$	-

Notes

1. Labs shall meet DLR, if no DLR exists lab shall meet Effluent Limit at a minimum. If no DLR or Effluent Limit exists, the Lab shall meet their own defensible MRL.
2. Report total phosphate
3. Report Combined Ra 226 + Ra 228
4. Report Gross Alpha Particle Activity (Including Radium-226 but Excluding Radon and Uranium)
5. Report Nonylphenol and nonylphenol polyethoxylates combined
6. Report Octylphenol and octylphenol polyethoxylates combined
7. Report Cis-1,3-Dichloropropene and Trans-1,3-Dichloropropene
8. Report Nitrate-N, Nitrite-N, Ammonia-N, and organic nitrogen combined
9. Dibromochloromethane & Chlorodibromomethane are interchangeable

DLR	detection limit for reporting	MFL	million fibers per liter
mg/L	milligrams per liter	MRL	method reporting limit
ug/L	micrograms per liter	MPN/100mL	most probable number per 100 milliliters
pg/L	picograms per liter	NA	not applicable
umhos/cm	micromhos per centimeter	NTU	nephelometric turbidity units
EPA	Environmental Protection Agency	ORP	oxidation reduction potential
FNU	formazine nephelometric unit	PCB	Polychlorinated Biphenyls
MDL	method detection limit	TAT	turnaround time (business days)



STORMWATER QUALITY DIVISION

FLOOD CONTROL DISTRICT SECTION

WASTEWATER PROGRAM

Following is the Schedule of Prices, including a summary of annual testing requirements related to storm water and surface water runoff for Stormwater Quality Division – Flood Control District Section, in addition to Waste Discharge Requirements for Municipal Separate Storm Sewer System (MS4) Discharges within the Coastal Watersheds of Los Angeles County. The Waste Discharge Requirements for Municipal Separate Storm Sewer System (MS4) Discharges within the Coastal Watersheds of Los Angeles County may be access at <http://dpw.lacounty.gov/brcd/servicecontracts/>.

An excel file version of Form PW-2.2 may be accessed at:

<http://dpw.lacounty.gov/brcd/servicecontracts/>.

Proposers may use the excel file to input the required cost/data and submit with their proposal.

ANALYTICAL METHOD REQUIREMENTS
STORMWATER QUALITY DIVISION - FLOOD CONTROL DISTRICT SECTION (SWQD-FCDS)

The undersigned Proposer offers to perform the work described in the Request for Proposal (RFP) for the following price(s). The Proposer's rate(s) (hourly, monthly, etc.) shall include all administrative costs, labor, supervision, overtime, materials, transportation, taxes, equipment, sample containers, supplies, and laboratory consultation unless stated otherwise in the RFP. It is understood and agreed that quantities may vary for any project and the unit prices quoted in the Schedule of Prices will apply to the actual quantities, whatever they may be. Required turnaround times ("Required TAT") are listed in business days (i.e., 5 business days per week) and can be changed on a per project basis with Program Manager approval. Although not anticipated, the County may request analysis for test methods or additional laboratory services not listed below. Any test not listed on this Schedule of Prices will be paid at the Proposer's current published prices which include all costs for the testing as described above.

The following table provides an estimate of SWQD-FCDS's annual testing requirements. Required analyses shall be performed by laboratories certified by the State Water Resources Control Board to perform such analyses pursuant to Article 3, commencing with section 100825, of Chapter 4 of Part 1 of Division 101, Health and Safety Code. Unless directed otherwise by the State Board, analyses shall be made in accordance with U.S. EPA approved methods as prescribed at 40 Code of Federal Regulations parts 141.21 through 141.42, 141.66, and 141.89. Proposer shall also maintain Environmental Laboratory Accreditation Program (ELAP) certification for Field of Testing (FOT) subgroups, and special analysis for the following: FOT 107 - Microbiology of Wastewater, FOT 126 - Microbiology of Recreational Water, FOT 108 - Inorganic Chemistry of Wastewater, FOT 109 - Toxic Chemical Elements of Wastewater, FOT 110 - Volatile Organic Chemistry of Wastewater, FOT 111 - Semi-Volatile Organic Chemistry of Wastewater, FOT 113 - Whole Effluent Toxicity of Wastewater, Chlorophyll-a - SM 10200H, and Suspended Sediment Concentration - ASTM D3977-97B. The frequency of the following tests will vary based on projects for the SCD-FCDS Program Manager, but on average a project with water quality sampling may have one to eight locations and up to six sampling events in both wet and dry weather. The tests required per project will also vary dependent upon the location of the Watershed project. The quantity provided below is estimated based on an average of six locations for six sampling events per year, and includes quality assurance/quality control samples for budgeting purposes.

NO.	ANALYTES	WATER SAMPLE							TOTAL COST (\$)
		PREFERRED METHOD	PROPOSED METHOD ¹	RL	RL UNITS	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TURNAROUND TIME (TAT) ² DAYS	
1	Initial water column toxicity test (ceriodaphnia dubia)	EPA/821/R-02/013, 2002						20	\$0.00
2	Water Column Toxicity Phase I TIE (ceriodaphnia dubia)	EPA/821/R-02/013, 2002						20	\$0.00
3	Specific Conductance	SM2510B		1	umho/cm			20	\$0.00
4	Oil and Grease	EPA413.1/EPA1664A		5	mg/L			20	\$0.00
5	Total Phenols	EPA420.1		0.1	mg/L			20	\$0.00
6	Cyanide	SM4500-CNE		0.003	mg/L			20	\$0.00
7	Total Coliform	SM9221E/SM9221B		20	MPN/100mL			20	\$0.00
8	Fecal Enterococcus	SM9230B		20	MPN/100mL			20	\$0.00
9	Fecal Coliform	SM9221E/SM9221B		20	MPN/100mL			20	\$0.00
10	E. coli	SM9223		1	MPN/100mL			20	\$0.00
11	Total Petroleum Hydrocarbon (TPH)	EPA418.1		5	mg/L			20	\$0.00
12	Chlorophyll-A	SM 10200H		10	ug/l			20	\$0.00
13	Methyl Tertiary Butyl Ether (MTBE)	EPA624		1	ug/l			20	\$0.00
14	2-Chloroethyl vinyl ether	EPA624		1	ug/l			20	\$0.00
15	Turbidity	SM2130B		0.1	NTU			20	\$0.00
16	Total Suspended Solids	SM2540D		1	mg/L			20	\$0.00
17	Suspended sediment concentration	ASTM D3977-97B		0.5	mg/L			20	\$0.00
18	Total Dissolved Solids	SM2540C		1	mg/L			20	\$0.00
19	Volatile Suspended Solids	SM2540E		1	mg/L			20	\$0.00

AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

SCHEDULE OF PRICES FOR

NO.	ANALYTES	WATER SAMPLE									TOTAL COST (\$)
		PREFERRED METHOD	PROPOSED METHOD ¹	RL	RL UNITS	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TURNAROUND TIME (TAT) ² DAYS	ESTIMATED QUANTITY	UNIT COST (\$)	
20	Total Organic Carbon	SM5310B/EPA415.1		1	mg/L			20	25		\$0.00
21	Biochemical Oxygen Demand (BOD)	SM5210B		2	mg/L			20	1		\$0.00
22	Chemical Oxygen Demand (COD)	SM5220D		4	mg/L			20	25		\$0.00
23	Ammonia (NH3)	SM 4500-NH3 D		0.1	mg/l			20	1		\$0.00
24	Alkalinity	SM2320B		1	mg/L			20	25		\$0.00
25	Hardness	SM2340C		1	mg/L			20	64		\$0.00
26	MBAS	SM5540 C		0.02	mg/L			20	31		\$0.00
27	Chloride	EPA300.0		1	mg/L			20	39		\$0.00
28	Fluoride	EPA300.0		0.1	mg/L			20	1		\$0.00
29	Perchlorate	EPA314.0		4	ug/l			20	1		\$0.00
30	Sulfate	EPA300.0		0.5	mg/L			20	23		\$0.00
31	Dissolved Phosphorus	SM4500-PE		0.05	mg/L			20	1		\$0.00
32	Total Phosphorus	SM4500-PE		0.05	mg/L			20	15		\$0.00
33	NH3-N	SM4500-NH3		0.1	mg/L			20	45		\$0.00
34	Kjeldahl-N	SM4500NHorg		0.1	mg/L			20	15		\$0.00
35	Nitrate-N	EPA300.0		0.1	mg/L			20	39		\$0.00
36	Nitrite-N	EPA300.0		0.05	mg/L			20	39		\$0.00
37	Nitrate (NO3)	EPA300.0		0.4	mg/L			20	1		\$0.00
38	Nitrite (NO2)	EPA300.0		0.329	mg/L			20	1		\$0.00
39	Dissolved Aluminum	EPA200.8		100	ug/l			20	15		\$0.00
40	Total Aluminum	EPA200.8		100	ug/l			20	15		\$0.00
41	Dissolved Antimony	EPA200.8		0.5	ug/l			20	15		\$0.00
42	Total Antimony	EPA200.8		0.5	ug/l			20	15		\$0.00
43	Dissolved Arsenic	EPA200.8		1	ug/l			20	1		\$0.00
44	Total Arsenic	EPA200.8		1	ug/l			20	1		\$0.00
45	Dissolved Barium	EPA200.8		10	ug/l			20	1		\$0.00
46	Total Barium	EPA200.8		10	ug/l			20	1		\$0.00
47	Dissolved Beryllium	EPA200.8		0.5	ug/l			20	1		\$0.00
48	Total Beryllium	EPA200.8		0.5	ug/l			20	1		\$0.00
49	Dissolved Cadmium	EPA200.8		0.25	ug/l			20	15		\$0.00
50	Total Cadmium	EPA200.8		0.25	ug/l			20	15		\$0.00

AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

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NO.	ANALYTES	WATER SAMPLE									TOTAL COST (\$)
		PREFERRED METHOD	PROPOSED METHOD ¹	RL	RL UNITS	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TURNAROUND TIME (TAT) ² DAYS	ESTIMATED QUANTITY	UNIT COST (\$)	
51	Dissolved Chromium	EPA200.8		0.5	ug/l			20	1		\$0.00
52	Total Chromium	EPA200.8		0.5	ug/l			20	1		\$0.00
53	Dissolved Copper	EPA200.8		0.5	ug/l			20	54		\$0.00
54	Total Copper	EPA200.8		0.5	ug/l			20	54		\$0.00
55	Dissolved Iron	EPA200.8		100	ug/l			20	15		\$0.00
56	Total Iron	EPA200.8		100	ug/l			20	15		\$0.00
57	Dissolved Lead	EPA200.8		0.5	ug/l			20	40		\$0.00
58	Total Lead	EPA200.8		0.5	ug/l			20	40		\$0.00
59	Dissolved Nickel	EPA200.8		1	ug/l			20	19		\$0.00
60	Total Nickel	EPA200.8		1	ug/l			20	19		\$0.00
61	Dissolved Selenium	EPA200.8		1	ug/l			20	45		\$0.00
62	Total Selenium	EPA200.8		1	ug/l			20	45		\$0.00
63	Dissolved Silver	EPA200.8		0.25	ug/l			20	1		\$0.00
64	Total Silver	EPA200.8		0.25	ug/l			20	1		\$0.00
65	Dissolved Thallium	EPA200.8		0.5	ug/l			20	6		\$0.00
66	Total Thallium	EPA200.8		0.5	ug/l			20	6		\$0.00
67	Dissolved Zinc	EPA200.8		1	ug/l			20	54		\$0.00
68	Total Zinc	EPA200.8		1	ug/l			20	54		\$0.00
69	Dissolved Trivalent Chromium	EPA218.6		5	ug/l			20	1		\$0.00
70	Total Trivalent Chromium	EPA218.6		5	ug/l			20	1		\$0.00
71	Dissolved Hexavalent Chromium	EPA218.6		5	ug/l			20	1		\$0.00
72	Total Hexavalent Chromium	EPA218.6		5	ug/l			20	1		\$0.00
73	Dissolved Mercury	EPA1631E		0.0005	ug/l			20	30		\$0.00
74	Total Mercury	EPA1631E		0.0005	ug/l			20	30		\$0.00
75	2-Chlorophenol	EPA625		2	ug/l			20	1		\$0.00
76	4-chloro-3-methylphenol	EPA625		1	ug/l			20	1		\$0.00
77	2,4-dichlorophenol	EPA625		1	ug/l			20	1		\$0.00
78	2,4-dimethylphenol	EPA625		2	ug/l			20	1		\$0.00
79	2,4-dinitrophenol	EPA625		5	ug/l			20	1		\$0.00
80	2-nitrophenol	EPA625		10	ug/l			20	1		\$0.00
81	4-nitrophenol	EPA625		5	ug/l			20	1		\$0.00
82	Pentachlorophenol	EPA625		2	ug/l			20	1		\$0.00

NO.	ANALYTES	WATER SAMPLE								TOTAL COST (\$)
		PREFERRED METHOD	PROPOSED METHOD ¹	RL	RL UNITS	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TURNAROUND TIME (TAT) ² DAYS	ESTIMATED QUANTITY	UNIT COST (\$)
83	Phenol	EPA625		1	ug/l			20	1	\$0.00
84	2,4,6-Trichlorophenol	EPA625		10	ug/l			20	1	\$0.00
85	Acenaphthene	EPA625		1	ug/l			20	15	\$0.00
86	Acenaphthylene	EPA625		2	ug/l			20	15	\$0.00
87	Anthracene	EPA625		2	ug/l			20	15	\$0.00
88	Benzidine	EPA625		5	ug/l			20	1	\$0.00
89	1,2 Benzantracene	EPA625		5	ug/l			20	15	\$0.00
90	Benzo(a)pyrene	EPA625		2	ug/l			20	25	\$0.00
91	Benzo [g-h-i] perylene	EPA625		5	ug/l			20	15	\$0.00
92	Benzo(k)fluoranthene	EPA625		2	ug/l			20	25	\$0.00
93	3,4-Benzofluoranthene	EPA625		10	ug/l			20	25	\$0.00
94	Bis(2-Chloroethoxy) methane	EPA625		5	ug/l			20	1	\$0.00
95	Bis(2-Chloroisopropyl) ether	EPA625		2	ug/l			20	1	\$0.00
96	Bis(2-Chloroethyl) ether	EPA625		1	ug/l			20	1	\$0.00
97	Bis(2-Ethylhexyl) phthalate	EPA625		5	ug/l			20	15	\$0.00
98	4-Bromophenyl phenyl ether	EPA625		5	ug/l			20	1	\$0.00
99	Butyl benzyl phthalate	EPA625		10	ug/l			20	1	\$0.00
100	2-Chloronaphthalene	EPA625		10	ug/l			20	1	\$0.00
101	4-Chlorophenyl phenyl ether	EPA625		5	ug/l			20	1	\$0.00
102	Chrysene	EPA625		5	ug/l			20	25	\$0.00
103	Dibenzo(a,h)anthracene	EPA625		0.1	ug/l			20	25	\$0.00
104	1,3-Dichlorobenzene	EPA625		1	ug/l			20	1	\$0.00
105	1,4-Dichlorobenzene	EPA625		1	ug/l			20	1	\$0.00
106	1,2-Dichlorobenzene	EPA625		1	ug/l			20	1	\$0.00
107	3,3-Dichlorobenzidine	EPA625		5	ug/l			20	1	\$0.00
108	Diethyl phthalate	EPA625		2	ug/l			20	1	\$0.00
109	Dimethyl phthalate	EPA625		2	ug/l			20	1	\$0.00

NO.	ANALYTES	WATER SAMPLE								TOTAL COST (\$)	
		PREFERRED METHOD	PROPOSED METHOD ¹	RL	RL UNITS	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TURNAROUND TIME (TAT) ² DAYS	ESTIMATED QUANTITY		UNIT COST (\$)
110	di-n-Butyl phthalate	EPA625		10	ug/l			20	1		\$0.00
111	2,4-Dinitrotoluene	EPA625		5	ug/l			20	1		\$0.00
112	2,6-Dinitrotoluene	EPA625		5	ug/l			20	1		\$0.00
113	4,6 Dinitro-2-methylphenol	EPA625		5	ug/l			20	1		\$0.00
114	1,2-Diphenylhydrazine	EPA625		1	ug/l			20	1		\$0.00
115	di-n-Octyl phthalate	EPA625		10	ug/l			20	1		\$0.00
116	Fluoranthene	EPA625		0.05	ug/l			20	15		\$0.00
117	Fluorene	EPA625		0.1	ug/l			20	15		\$0.00
118	Hexachlorobenzene	EPA625		1	ug/l			20	1		\$0.00
119	Hexachlorobutadiene	EPA625		1	ug/l			20	1		\$0.00
120	Hexachloro-cyclopentadiene	EPA625		5	ug/l			20	1		\$0.00
121	Hexachloroethane	EPA625		1	ug/l			20	1		\$0.00
122	Indeno(1,2,3-cd)pyrene	EPA625		0.05	ug/l			20	31		\$0.00
123	Isophorone	EPA625		1	ug/l			20	1		\$0.00
124	Napthalene	EPA625		0.2	ug/l			20	15		\$0.00
125	Nitrobenzene	EPA625		1	ug/l			20	1		\$0.00
126	N-Nitroso-dimethyl amine	EPA625		5	ug/l			20	1		\$0.00
127	N-Nitroso-diphenyl amine	EPA625		1	ug/l			20	1		\$0.00
128	N-Nitroso-di-n-propyl amine	EPA625		5	ug/l			20	1		\$0.00
129	Phenanthrene	EPA625		0.05	ug/l			20	15		\$0.00
130	Pyrene	EPA625		0.05	ug/l			20	15		\$0.00
131	1,2,4-Trichlorobenzene	EPA625		1	ug/l			20	1		\$0.00
132	Chlordane	EPA608		0.05	ug/l			20	1		\$0.00
133	Aldrin	EPA608		0.005	ug/l			20	1		\$0.00
134	alpha-BHC	EPA608		0.01	ug/l			20	1		\$0.00
135	beta-BHC	EPA608		0.005	ug/l			20	1		\$0.00
136	delta-BHC	EPA608		0.005	ug/l			20	1		\$0.00
137	gamma-BHC (lindane)	EPA608		0.02	ug/l			20	21		\$0.00
138	alpha-chlordane	EPA608		0.0005	ug/l			20	1		\$0.00
139	gamma-chlordane	EPA608		0.0005	ug/l			20	1		\$0.00
140	2,3,7,8-TCDD (Dioxin)	EPA1613B		10	pg/l			20	1		\$0.00
141	2,4'-DDD	EPA8270		0.84	ng/L			20	1		\$0.00

AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

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NO.	ANALYTES	WATER SAMPLE								TOTAL COST (\$)	
		PREFERRED METHOD	PROPOSED METHOD ¹	RL	RL UNITS	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TURNAROUND TIME (TAT) ² DAYS	ESTIMATED QUANTITY		UNIT COST (\$)
142	2,4'-DDE	EPA8270		0.59	ng/L			20	1		\$0.00
143	2,4'-DDT	EPA8270		0.59	ng/L			20	1		\$0.00
144	oxychlorane	EPA8270		0.0005	ug/L			20	1		\$0.00
145	cis-nonachlor	EPA8270		0.0005	ug/L			20	1		\$0.00
146	trans-nonachlor	EPA8270		0.0005	ug/L			20	1		\$0.00
147	4,4'-DDD	EPA608		0.84	ng/l			20	1		\$0.00
148	4,4'-DDE	EPA608		0.59	ng/l			20	1		\$0.00
149	4,4'-DDT	EPA608		0.59	ng/l			20	1		\$0.00
150	Dieldrin	EPA608		0.01	ug/l			20	1		\$0.00
151	alpha-Endosulfan	EPA608		0.02	ug/l			20	6		\$0.00
152	beta-Endosulfan	EPA608		0.01	ug/l			20	1		\$0.00
153	Endosulfan sulfate	EPA608		0.05	ug/l			20	1		\$0.00
154	Endrin	EPA608		0.01	ug/l			20	1		\$0.00
155	Endrin aldehyde	EPA608		0.01	ug/l			20	1		\$0.00
156	Heptachlor	EPA608		0.01	ug/l			20	1		\$0.00
157	Heptachlor Epoxide	EPA608		0.01	ug/l			20	1		\$0.00
158	Toxaphene	EPA608		0.5	ug/l			20	1		\$0.00
159	Aroclor-1016	EPA608		0.5	ug/L			20	1		\$0.00
160	Aroclor-1221	EPA608		0.5	ug/L			20	1		\$0.00
161	Aroclor-1232	EPA608		0.5	ug/L			20	1		\$0.00
162	Aroclor-1242	EPA608		0.5	ug/L			20	1		\$0.00
163	Aroclor-1248	EPA608		0.5	ug/L			20	1		\$0.00
164	Aroclor-1254	EPA608		0.5	ug/L			20	1		\$0.00
165	Aroclor-1260	EPA608		0.5	ug/L			20	1		\$0.00
166	Chlorpyrifos	EPA507		0.05	ug/l			20	1		\$0.00
167	Diazinon	EPA507		0.01	ug/l			20	25		\$0.00
168	Malathion	EPA507		1	ug/l			20	1		\$0.00

NO.	ANALYTES	WATER SAMPLE									TOTAL COST (\$)
		PREFERRED METHOD	PROPOSED METHOD ¹	RL	RL UNITS	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TURNAROUND TIME (TAT) ² DAYS	ESTIMATED QUANTITY	UNIT COST (\$)	
169	Alrazine	EPA507		2	ug/l			20	1		\$0.00
170	Cyanazine	EPA507		2	ug/l			20	1		\$0.00
171	Prometryn	EPA507		2	ug/l			20	1		\$0.00
172	Simazine	EPA507		2	ug/l			20	1		\$0.00
173	2,4-D	EPA515.3		10	ug/l			20	1		\$0.00
174	Glyphosate	EPA547		5	ug/l			20	1		\$0.00
175	2,4,5-TP-SILVEX	EPA515.3		0.5	ug/l			20	1		\$0.00
176	biphenyl	EPA625		5	ng/L			20	15		\$0.00
177	2,6-dimethylnaphthalene	EPA625		5	ng/L			20	15		\$0.00
178	1-methylnaphthalene	EPA625		5	ng/L			20	15		\$0.00
179	2-methylnaphthalene	EPA625		5	ng/L			20	15		\$0.00
180	1-methylphenanthrene	EPA625		5	ng/L			20	15		\$0.00
181	benzo(e)pyrene	EPA625		5	ng/L			20	15		\$0.00
182	perylene	EPA625		5	ng/L			20	15		\$0.00
183	Bromoform	EPA 624		0.5	ug/L			20	1		\$0.00
184	Carbon Tetrachloride	EPA 624		0.5	ug/L			20	1		\$0.00
185	Chlorobenzene	EPA 624		0.5	ug/L			20	1		\$0.00
186	Chlorodibromomethane	EPA 624		0.5	ug/L			20	1		\$0.00
187	Chloroethane	EPA624		0.5	ug/L			20	1		\$0.00
188	Monochloroacetic acid	EPA552		0.5	ug/L			20	1		\$0.00
189	Dichloroacetic acid	EPA552		0.5	ug/L			20	1		\$0.00
190	Trichloroacetic acid	EPA552		0.5	ug/L			20	1		\$0.00
191	Monobromoacetic acid	EPA552		0.5	ug/L			20	1		\$0.00
192	Dibromoacetic acid	EPA552		0.5	ug/L			20	1		\$0.00
PCB Congeners											
193	8	8270 C		2	ng/l			20	1		\$0.00
194	18	8270 C		2	ng/l			20	1		\$0.00
195	28	8270 C		2	ng/l			20	1		\$0.00
196	37	8270 C		2	ng/l			20	1		\$0.00
197	44	8270 C		2	ng/l			20	1		\$0.00
198	49	8270 C		2	ng/l			20	1		\$0.00
199	52	8270 C		2	ng/l			20	1		\$0.00

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.2

NO.	ANALYTES	WATER SAMPLE									TOTAL COST (\$)
		PREFERRED METHOD	PROPOSED METHOD ¹	RL	RL UNITS	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TURNAROUND TIME (TAT) ² DAYS	ESTIMATED QUANTITY	UNIT COST (\$)	
200	66	8270 C		2	ng/l			20	1		\$0.00
201	70	8270 C		2	ng/l			20	1		\$0.00
202	74	8270 C		2	ng/l			20	1		\$0.00
203	77	8270 C		2	ng/l			20	1		\$0.00
204	81	8270 C		2	ng/l			20	1		\$0.00
205	87	8270 C		2	ng/l			20	1		\$0.00
206	99	8270 C		2	ng/l			20	1		\$0.00
207	101	8270 C		2	ng/l			20	1		\$0.00
208	105	8270 C		2	ng/l			20	1		\$0.00
209	110	8270 C		2	ng/l			20	1		\$0.00
210	114	8270 C		2	ng/l			20	1		\$0.00
211	118	8270 C		2	ng/l			20	1		\$0.00
212	119	8270 C		2	ng/l			20	1		\$0.00
213	123	8270 C		2	ng/l			20	1		\$0.00
214	126	8270 C		2	ng/l			20	1		\$0.00
215	128	8270 C		2	ng/l			20	1		\$0.00
216	138	8270 C		2	ng/l			20	1		\$0.00
217	149	8270 C		2	ng/l			20	1		\$0.00
218	151	8270 C		2	ng/l			20	1		\$0.00
219	153	8270 C		2	ng/l			20	1		\$0.00
220	156	8270 C		2	ng/l			20	1		\$0.00
221	157	8270 C		2	ng/l			20	1		\$0.00
222	158	8270 C		2	ng/l			20	1		\$0.00
223	167	8270 C		2	ng/l			20	1		\$0.00
224	168	8270 C		2	ng/l			20	1		\$0.00
225	169	8270 C		2	ng/l			20	1		\$0.00
226	170	8270 C		2	ng/l			20	1		\$0.00
227	177	8270 C		2	ng/l			20	1		\$0.00
228	180	8270 C		2	ng/l			20	1		\$0.00
229	183	8270 C		2	ng/l			20	1		\$0.00
230	187	8270 C		2	ng/l			20	1		\$0.00
231	189	8270 C		2	ng/l			20	1		\$0.00

NO.	ANALYTES	WATER SAMPLE									TOTAL COST (\$)
		PREFERRED METHOD	PROPOSED METHOD ¹	RL	RL UNITS	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TURNAROUND TIME (TAT) ² DAYS	ESTIMATED QUANTITY	UNIT COST (\$)	
232	194	8270 C		2	ng/l			20	1		\$0.00
233	195	8270 C		2	ng/l			20	1		\$0.00
234	201	8270 C		2	ng/l			20	1		\$0.00
235	206	8270 C		2	ng/l			20	1		\$0.00
236	209	8270 C		2	ng/l			20	1		\$0.00
TOTAL PROPOSED ANNUAL PRICE											\$0.00

NOTES

- ¹ Based on permit restrictions the preferred method shall be used. However, if method is unavailable, please list proposed method that can meet the RL.
- ² Consider rush turnaround time rates under "Additional Laboratory Services."



STORMWATER ENGINEERING DIVISION

WASTEWATER PROGRAM

Following is the Schedule of Prices, including a summary of water quality parameters related to discharge of well redevelopment water to an impaired water body for Stormwater Engineering Division. The waste discharge requirements of Public Works' Alamitos Barrier Project may be access at <http://dpw.lacounty.gov/brcd/servicecontracts/>.

An excel file version of Form PW-2.3 may be accessed at:

<http://dpw.lacounty.gov/brcd/servicecontracts/>

Proposers may use the excel file to input the required cost/data and submit with their proposal.

**ANALYTICAL METHOD REQUIREMENTS
STORMWATER ENGINEERING DIVISION (SWED)**

The undersigned Proposer offers to perform the work described in the Request for Proposal (RFP) for the following price(s). The Proposer's rate(s) (hourly, monthly, etc.) shall include all administrative costs, labor, supervision, overtime, materials, transportation, taxes, equipment, sample containers, supplies, and laboratory consultation unless stated otherwise in the RFP. It is understood and agreed that quantities may vary for any project and the unit prices quoted in the Schedule of Prices will apply to the actual quantities, whatever they may be. Required turnaround times ("Required TAT") are listed in business days (i.e., 5 business days per week) and can be changed on a per project basis with Program Manager approval. Although not anticipated, the County may request analysis for test methods or additional laboratory services not listed below. Any test not listed on this Schedule of Prices will be paid at the Proposer's current published prices which include all costs for the testing as described above.

The following table provides an estimate of SWED's annual testing requirements. Required analyses shall be performed by laboratories certified by the State Water Resources Control Board to perform such analyses pursuant to Article 3, commencing with section 100825, of Chapter 4 of Part 1 of Division 101, Health and Safety Code. Unless directed otherwise by the State Board, analyses shall be made in accordance with U.S. EPA approved methods as prescribed at 40 Code of Federal Regulations parts 141.21 through 141.42, 141.66, and 141.89. SWED is responsible for the operation of Seawater Barriers. Chloride samples are obtained daily and custody is transferred to the lab at the end of each week. SWED staff collects approximately 50 samples per week. The lab's courier must meet with SWED staff at a convenient location (currently a field office in Long Beach) to transfer the samples to the lab. SWED also performs routine maintenance activities at its injection wells and discharges the produced water per NPDES permit No CAG994004. Two TSS samples are taken for each well that is maintained, resulting in about 2 samples per week. Additional screening is required at certain "key wells" that are identified in each individual permit. Since the Department discharges to multiple impaired water bodies, the list of constituents for each water body is different. The list below includes all constituents that may be tested for.

Constituents	Reporting Limits	Units	Proposed Method	Method Limit	Required TAT	Estimated Quantity per year	Unit Cost	Total Cost
CONVENTIONALS / GENERAL CHEMISTRY								
Total Suspended Solids	75	mg/L			20	100	\$	-
BOD ₅ 20 ^o C	30	mg/L			20	10	\$	-
Oil and Grease	15	mg/L			20	10	\$	-
Settleable Solids	0.3	ml/L			20	10	\$	-
Sulfides	1	mg/L			20	10	\$	-
Phenols	1	mg/L			20	10	\$	-
Residual Chlorine	0.1	mg/L			20	10	\$	-
Methylene Blue Active Substances (MBAS)	0.5	mg/L			20	10	\$	-
Chloride (Cl-)	5	mg/L			20	2800	\$	-
METALS								
Lead	14	µg/L			20	10	\$	-
Cadmium	1	µg/L			20	5	\$	-
Chromium III	50	µg/L			20	5	\$	-

AS-NEEDED LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.3

Constituents	Reporting Limits	Units	Proposed Method	Method Limit	Required TAT	Estimated Quantity per year	Unit Cost	Total Cost
Chromium VI	82	µg/L			20	5	\$	-
Copper	2.5	µg/L			20	10	\$	-
Zinc	35	µg/L			20	10	\$	-
VOC's								
1,1-dichloroethane	5	µg/L			20	5	\$	-
1,1-dichloroethylene	6	µg/L			20	5	\$	-
1,1,1-trichloroethane	200	µg/L			20	5	\$	-
1,1,2-trichloroethane	5	µg/L			20	5	\$	-
1,1,2,2-tetrachloroethane	1	µg/L			20	5	\$	-
1,2-dichloroethane	0.5	µg/L			20	5	\$	-
1,2-trans-dichloroethylene	10	µg/L			20	5	\$	-
Tetrachloroethylene	5	µg/L			20	5	\$	-
Trichloroethylene	5	µg/L			20	5	\$	-
Carbon Tetrachloride	0.5	µg/L			20	5	\$	-
Vinyl Chloride	0.5	µg/L			20	5	\$	-
Benzene	1	µg/L			20	5	\$	-
Methyl tertiary butyl ether (MTBE)	5	µg/L			20	5	\$	-
Total PAHs	0.049	µg/L			20	5	\$	-
CHLORDANE	0.00059	µg/L			20	5	\$	-
TOXICITY								
Acute Toxicity		% survival			20	10	\$	-
MICROBIOLOGY								
Total Coliform	10000	MPN/100mL			20	5	\$	-
Focal Coliform	400	MPN/100mL			20	5	\$	-

SCHEDULE OF PRICES FOR
AS-NEEDED LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.3

Constituents	Reporting Limits	Units	Proposed Method	Method Limit	Required TAT	Estimated Quantity per year	Unit Cost	Total Cost
Enterococcus	104	MPN/100mL			20	5	\$	-
E. Coli denisty	125	MPN/100mL			20	5	\$	-
PESTICIDES								
4,4 - DDT	0.0012	µg/L			20	5	\$	-
Dieldrin	0.00014	µg/L			20	5	\$	-
Total PCBs	0.00017	µg/L			20	5	\$	-
TOTAL PROPOSED ANNUAL PRICE:							\$	-



WATERWORKS DIVISION
DRINKING WATER PROGRAM

Following is the Schedule of Prices, including a summary of annual drinking water quality testing requirements for Waterworks Division. Please see Exhibit G, Location Map: Waterworks Districts.

An excel file version of Form PW-2.4 may be accessed at:

<http://dpw.lacounty.gov/brcd/servicecontracts/>

Proposers may use the excel file to input the required cost/data and submit with their proposal.

AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)
 DRINKING WATER PROGRAM
 ANALYTICAL METHOD REQUIREMENTS
 WATERWORKS DIVISION (WWD)

FORM PW-2.4

The undersigned Proposer offers to perform the work described in the Request for Proposal (RFP) for the following price(s). The Proposer's rate(s) (hourly, monthly, etc.) shall include all administrative costs, labor, supervision, overtime, materials, transportation, taxes, equipment, sample containers, supplies, and laboratory consultation unless stated otherwise in the RFP. It is understood and agreed that quantities may vary for any project and the unit prices quoted in the Schedule of Prices will apply to the actual quantities, whatever they may be. Required turnaround times ("Required TAT") are listed in business days (i.e., 5 business days per week) and can be changed on a per project basis with Program Manager approval. Although not anticipated, the County may request analysis for test methods or additional laboratory services not listed below. Any test not listed on this Schedule of Prices will be paid at the Proposer's current published prices which include all costs for the testing as described above.

The following table provides an estimate of WWD's annual drinking water program testing requirements. Required analyses shall be performed by laboratories certified by the State Water Resources Control Board to perform such analyses pursuant to Article 3, commencing with section 100825, of Chapter 4 of Part 1 of Division 101, Health and Safety Code. Unless directed otherwise by the State Board, analyses shall be made in accordance with U.S. EPA approved methods as prescribed at 40 Code of Federal Regulations parts 141.21 through 141.42, 141.66, and 141.89. Proposer shall also maintain Environmental Laboratory Accreditation Program (ELAP) certification for Field of Testing (FOT) subgroups, and special analysis for the following: **FOT 101** - Microbiology of Drinking Water, **FOT 102** - Inorganic Chemistry of Drinking Water, **FOT 103** - Toxic Chemical Elements of Drinking Water, **FOT 104** - Volatile Organic Chemistry of Drinking Water, **FOT 105** - Semi-volatile Organic Chemistry of Drinking Water, **FOT 106** - Radiochemistry of Drinking Water.

No.	ANALYTES	METHOD	MDL	MDL Units	Required TAT	Quantity (per year)	Unit Cost (\$)	Total (\$)
MICROBIOLOGY								
1	TOTAL COLIFORM & E.COLI				1	7000	\$	\$
2	HETEROTROPHIC PLATE COUNT (HPC)				2	50	\$	\$
GENERAL MINERAL, PHYSICAL, AND SECONDARY STANDARD								
3	ALKALINITY (TOTAL, CARBONATE, BICARBONATE, HYDROXIDE)				20	50	\$	\$
4	TOTAL HARDNESS				20	50	\$	\$
5	CALCIUM				20	50	\$	\$
6	MAGNESIUM				20	50	\$	\$
7	SODIUM				20	50	\$	\$
8	TOTAL DISSOLVED SOLID (TDS)				20	50	\$	\$
9	COLOR				10	2000	\$	\$
10	ODOR				10	2000	\$	\$
11	TURBIDITY				10	2000	\$	\$
12	FOAMING AGENT (MBAS)				20	50	\$	\$
13	SPECIFIC CONDUCTANCE				20	60	\$	\$
14	CHLORIDE				20	60	\$	\$
15	SULFATE				20	60	\$	\$

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)
DRINKING WATER PROGRAM

FORM PW-2.4

No.	ANALYTES	METHOD	MDL	MDL Units	Required TAT	Quantity (per year)	Unit Cost (\$)	Total (\$)
SYNTHETIC ORGANIC CHEMICALS (SOC)								
16	2,3,7,8-TCDD (DIOXIN)				40	40		\$ -
17	DEHP				40	20		\$ -
18	DIQUAT				40	40		\$ -
19	ENDOTHALL				40	40		\$ -
20	GLYPHOSATE				40	40		\$ -
21	THIOBENCARB				40	40		\$ -
22	LIST (A)*				40	20		\$ -
23	LIST (B)*				40	40		\$ -
24	LIST (C)*				40	40		\$ -
25	LIST (D)*				40	40		\$ -
26	LIST (E)*				40	20		\$ -
INORGANIC CHEMICALS (IC)								
27	ARSENIC				3	40		\$ -
28	ASBESTOS				20	40		\$ -
29	CHROMIUM, HEXAVALENT				20	40		\$ -
30	COPPER				20	500		\$ -
31	CYANIDE				20	40		\$ -
32	IRON				20	40		\$ -
33	LEAD				20	500		\$ -
34	MERCURY				20	40		\$ -
35	NITRATE (AS N)				3	500		\$ -
36	NITRITE (AS N)				20	100		\$ -
37	PERCHLORATE				20	40		\$ -
38	AMMONIA				20	20		\$ -
39	LIST (F)*				20	40		\$ -
VOLATILES AND DISINFECTION BY PRODUCTS								
40	TOTAL TRIHALOMETHANE (TTHM)				10	200		\$ -
41	HALOACETIC ACIDS (HAA5)				10	200		\$ -

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)
DRINKING WATER PROGRAM

FORM PW-2.4

No.	ANALYTES	METHOD	MDL	MDL Units	Required TAT	Quantity (per year)	Unit Cost (\$)	Total (\$)
42	LIST (G)*				20	10		\$ -
43	1,2,3-TCP				20	100		\$ -
RADIONUCLIDES								
44	GROSS ALPHA				20	20		\$ -
45	GROSS BETA				20	20		\$ -
46	RADIUM 226 & 228				20	20		\$ -
47	URANIUM				20	20		\$ -
FOURTH UNREGULATED CONTAMINANT MONITORING RULE (UCMR 4)								
48	TOTAL MICROCYSTINS				20	100		\$ -
49	GERMANIUM				20	120		\$ -
50	MANGANESE				20	120		\$ -
51	LIST (H)*				20	120		\$ -
52	LIST (I)*				20	120		\$ -
53	LIST (J)*				20	120		\$ -
54	LIST (K)*				20	120		\$ -
55	LIST (L)*				20	120		\$ -
56	LIST (M)*				20	120		\$ -
TOTAL PROPOSED ANNUAL PRICE =								

* - REFER TO NEXT PAGE FOR FULL LIST OF ANALYTES, "LISTS (A) - (M)"

ABBREVIATIONS AND UNITS OF MEASUREMENT

<	Less than	MPN/100mL	Most Probable Number per 100 Milliliters
mg/L	Milligrams per Liter	NA	Not Applicable
ug/L	Micrograms per Liter	NTU	Nephelometric Turbidity Units
pg/L	Picograms per Liter	ORP	Oxidation Reduction Potential
umhC	Micromhos per Centimeter	PCB	Polychlorinated Biphenyls
EPA	Environmental Protection Agency	SM	Standard Method
FNU	Formazine Nephelometric Unit	TAT	Turnaround Time
MDL	Method Detection Limit	TST	Test of Significant Toxicity
MFL	Million Fibers per Liter	TIE	Toxicity Identification Evaluation

WATERWORKS DIVISION'S FULL LIST OF ANALYTES

LIST (A)

ORGANOCHLORINE PESTICIDE/PCBs

ALACHLOR
CHLORDANE
ENDRIN
HEPTACHLOR
HEPTACHLOR EPOXIDE
HEXACHLOROBENZENE
HEXACHLOROCYCLOPENTADIENE
LINDANE
METHOXYCHLOR
POLYCHLORINATED BIPHENYLS (PCBs)
TOXAPHENE

LIST (B)

ALDICARBS

CARBOFURAN
OXAMYL

LIST (C)

CHLOROPHONOXOXY HERBICIDES

2,4-D
BENTAZON
DALAPON
DINOSEB
PENTACHLOROPHENOL
PICLORAM
SILVEX (2,4,5-TP)

LIST (D)

SEMIVOLATILES

ALACHLOR
ALTRAZINE
BENZOPYRENE
DEHA
DEHP
HEXACHLOROBENZENE
MOLINATE
SIMAZINE
THIOBENCARB

LIST (E)

EDB/DBCP

ETHYLENE DIBROMIDE(EDB)
DIBROMOCHLOROPROPANE (DBCP)

LIST (F)

METALS

ALUMINUM
ANTIMONY
ARSENIC
BARIUM
BERYLLIUM
CADMIUM
CHROMIUM (TOTAL)
COPPER
GERMANIUM
LEAD
MANGANESE
NICKEL
SELENIUM
SILVER
THALLIUM
ZINC

LIST (G)

VOC FULL LIST

1,1,1,2-TETRACHLOROETHANE
1,1,1-TRICHLOROETHANE
1,1,2,2-TETRACHLOROETHANE
1,1,2-TRICHLOROETHANE
1,1,2-TRICHLOROETHYLENE
1,1-DICHLOROETHANE
1,1-DICHLOROETHYLENE
1,1-DICHLOROPROPENE
1,2,3-TRICHLOROBENZENE
1,2,3-TRICHLOROPROPANE
1,2,4-TRICHLOROBENZENE
1,2,4-TRIMETHYLBENZENE
1,2-DICHLOROBENZENE
1,2-DICHLOROETHANE
1,2-DICHLOROPROPANE
1,3,5-TRIMETHYLBENZENE
1,3-DICHLOROBENZENE
1,3-DICHLOROPROPANE
1,3-DICHLOROPROPENE (TOTAL)
1,4-DICHLOROBENZENE
2,2-DICHLOROPROPANE
2-CHLOROETHYL VINYL ETHER
2-CHLOROTOLUENE
4-BROMOFLUOROBENZENE (SS)
4-CHLOROTOLUENE
BENZENE
BROMOBENZENE
BROMOCHLOROMETHANE
BROMOMETHANE
METHYL ETHYL KETONE (MEK)
METHYL ISOBUTYL KETONE (MIBK)
CARBON TETRACHLORIDE
CHLOROBENZENE
CHLOROETHANE
CHLOROMETHANE
CIS-1,2-DICHLOROETHYLENE
CIS-1,3-DICHLOROPROPENE
DIBROMOMETHANE
DICHLORODIFLUOROMETHANE
ETHYLBENZENE
HEXACHLOROBUTADIENE
ISOPROPYLBENZENE
METHYL TERT-BUTYL ETHER (MTBE)
METHYLENE CHLORIDE
NAPHTHALENE
N-BUTYLBENZENE
N-PROPYLBENZENE
P-ISOPROPYLTOLUENE
SEC-BUTYLBENZENE
STYRENE
TERT-BUTYLBENZENE
TETRACHLOROETHYLENE (PCE)
TOLUENE
TOTAL TRIHALOMETHANES
TOTAL XYLENES (M, P & O)
TRANS-1,2-DICHLOROETHYLENE
TRANS-1,3-DICHLOROPROPYLENE
TRICHLOROETHENE
TRICHLOROFLUOROMETHANE
VINYL CHLORIDE

LIST (H)

ALCOHOL

1-BUTANOL
2-PROPEN-1-OL
2-METHOXYETHANOL

LIST (I)

DBP

HAA5
HAA6Br
HAA9

LIST (J)

PESTICIDES

ALPHA-HEXACHLOROCYCLOHEXANE
CHLORPYRIFOS
DIMETHIPIN
ETHOPROP
OXYFLUORFEN
PROFENOFOS
TEBUCONAZOLE
TOTAL PERMETHRIN(CIS- AND TRANS-)
TRIBUFOS

LIST (K)

SEMIVOLATILES UNREGULATED

BUTYLATED HYDROXYANISOLE
O-TOLUIDINE
QUINOLINE

LIST (L)

MICROCYSTINS

MICROCYSTIN-LA
MICROCYSTIN-LF
MICROCYSTIN-LR
MICROCYSTIN-LY
MICROCYSTIN-RR
MICROCYSTIN-YR
NODULARIN

LIST (M)

TOXIN

CYLINDROSPERMOPHOSIN
ANATOXIN-A



LOS ANGELES COUNTY FIRE DEPARTMENT DRINKING WATER PROGRAM

Following is the Schedule of Prices, including a summary of annual drinking water testing requirements for the Los Angeles County Fire Department, as well as Waste Discharge Requirements for the following facilities: Camp 08, Camp 11, Camp 13, Camp 14, Camp 19, Fire Station 71, and Fire Station 99. Please access the Waste Discharge Requirements for the sites listed above at <http://dpw.lacounty.gov/brcd/servicecontracts/>.

An excel file version of Form PW-2.5A may be accessed at:

<http://dpw.lacounty.gov/brcd/servicecontracts/>.

Proposers may use the excel file to input the required cost/data and submit with their proposal.

**ANALYTICAL METHOD REQUIREMENTS
LOS ANGELES COUNTY FIRE DEPARTMENT (LACFD) - DRINKING WATER PROGRAM**

The undersigned Proposer offers to perform the work described in the Request for Proposal (RFP) for the following price(s). The Proposer's rate(s) (hourly, monthly, etc.) shall include all administrative costs, labor, supervision, overtime, materials, transportation, taxes, equipment, sample containers, supplies, and laboratory consultation unless stated otherwise in the RFP. It is understood and agreed that quantities may vary for any project and the unit prices quoted in the Schedule of Prices will apply to the actual quantities, whatever they may be. Required turnaround times ("Required TAT") are listed in business days (i.e., 5 business days per week) and can be changed on a per project basis with Program Manager approval. Although not anticipated, the County may request analysis for test methods or additional laboratory services not listed below. Any test not listed on this Schedule of Prices will be paid at the Proposer's current published prices which include all costs for the testing as described above.

The following table provides an estimate of LACFD's annual drinking water program and wastewater testing requirements. LACFD owns wastewater and potable water systems that require weekly, monthly, quarterly, and annual testing. Required analyses shall be performed by laboratories certified by the State Water Resources Control Board to perform such analyses pursuant to Article 3, commencing with section 100825, of Chapter 4 of Part 1 of Division 101, Health and Safety Code. Unless directed otherwise by the State Board, analyses shall be made in accordance with U.S. EPA approved methods as prescribed at 40 Code of Federal Regulations parts 141.21 through 141.42, 141.66, and 141.89.

NO.	ANALYTES	WATER SAMPLE						
		PROPOSED METHOD	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TURNAROUND TIME (TAT)	ESTIMATED QUANTITY	UNIT COST (\$)	TOTAL COST (\$)
1	Copper (dissolved)			ug/L	15	45		
2	Lead (dissolved)			ug/L	15	45		
3	Total coliform & E.Coli			MPN/100mL	1	192		
4	Nitrate (as NO ₃)			mg/L	15	40		
5	Nitrite (as Nitrogen)			mg/L	15	8		
6	Haloacetic acid			mg/L	15	8		
7	Trihalomethane			mg/L	15	8		
8	Turbidity			NTU	15	192		
9	Aluminum			mg/L	15	8		
10	Antimony			mg/L	15	8		

NO.	ANALYTES	WATER SAMPLE						
		PROPOSED METHOD	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TURNAROUND TIME (TAT)	ESTIMATED QUANTITY	UNIT COST (\$)	TOTAL COST (\$)
11	Arsenic			mg/L	15	8		
12	Asbestos			mg/L	15	8		
13	Barium			mg/L	15	8		
14	Beryllium			mg/L	15	8		
15	Cadmium			mg/L	15	8		
16	Chromium			mg/L	15	8		
17	Cynaide			mg/L	15	8		
18	Fluoride			mg/L	15	8		
19	Mercury			mg/L	15	8		
20	Nickel			mg/L	15	8		
21	Perchlorate			mg/L	15	8		
22	Selenium			mg/L	15	8		
23	Thallium			mg/L	15	8		
TOTAL PROPOSED ANNUAL PRICE: \$							-	



LOS ANGELES COUNTY FIRE DEPARTMENT WASTEWATER PROGRAM

Following is the Schedule of Prices, including a summary of annual wastewater testing requirements for the Los Angeles County Fire Department, as well as Waste Discharge Requirements for the following facilities: Camp 08, Camp 11, Camp 13, Camp 14, Camp 19, Fire Station 71, and Fire Station 99. Please access the Waste Discharge Requirements for the sites listed above at <http://dpw.lacounty.gov/brcd/servicecontracts/>.

An excel file version of Form PW-2.5B may be accessed at:

<http://dpw.lacounty.gov/brcd/servicecontracts/>

Proposers may use the excel file to input the required cost/data and submit with their proposal.

**ANALYTICAL METHOD REQUIREMENTS
LOS ANGELES COUNTY FIRE DEPARTMENT (LACFD) - WASTEWATER PROGRAM**

The undersigned Proposer offers to perform the work described in the Request for Proposal (RFP) for the following price(s). The Proposer's rate(s) (hourly, monthly, etc.) shall include all administrative costs, labor, supervision, overtime, materials, transportation, taxes, equipment, sample containers, supplies, and laboratory consultation unless stated otherwise in the RFP. It is understood and agreed that quantities may vary for any project and the unit prices quoted in the Schedule of Prices will apply to the actual quantities, whatever they may be. Required turnaround times ("Required TAT") are listed in business days (i.e., 5 business days per week) and can be changed on a per project basis with Program Manager approval. Although not anticipated, the County may request analysis for test methods or additional laboratory services not listed below. Any test not listed on this Schedule of Prices will be paid at the Proposer's current published prices which include all costs for the testing as described above.

The following table provides an estimate of LACFD's annual wastewater testing requirements. LACFD owns wastewater and potable water systems that require weekly, monthly, quarterly, and annual testing. Required analyses shall be performed by laboratories certified by the State Water Resources Control Board to perform such analyses pursuant to Article 3, commencing with section 100825, of Chapter 4 of Part 1 of Division 101, Health and Safety Code. Unless directed otherwise by the State Board, analyses shall be made in accordance with U.S. EPA approved methods as prescribed at 40 Code of Federal Regulations parts 141.21 through 141.42, 141.66, and 141.89.

Wastewater Tests

NO.	ANALYTES	WATER SAMPLE						
		PROPOSED METHOD	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TURNAROUND TIME (TAT)	ESTIMATED QUANTITY	UNIT COST (\$)	TOTAL COST (\$)
1	Aluminum (dissolved)			ug/L	15	1		
2	Antimony (dissolved)			ug/L	15	2		
3	Arsenic (dissolved)			ug/L	15	2		
4	Barium (dissolved)			ug/L	15	1		
5	Beryllium (dissolved)			ug/L	15	2		
6	Boron (dissolved)			mg/L	15	84		
7	Cadmium (dissolved)			ug/L	15	2		
8	Copper (dissolved)			ug/L	15	1		

Wastewater Tests

NO.	ANALYTES	WATER SAMPLE						
		PROPOSED METHOD	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TURNAROUND TIME (TAT)	ESTIMATED QUANTITY	UNIT COST (\$)	TOTAL COST (\$)
9	Lead (dissolved)			ug/L	15	2		
10	Nickel (dissolved)			ug/L	15	2		
11	Selenium (dissolved)			ug/L	15	2		
12	Thallium (dissolved)			ug/L	15	2		
13	Zinc (dissolved)			ug/L	15	1		
14	Chromium (dissolved)			ug/L	15	1		
15	Mercury (dissolved)			ug/L	15	2		
16	Fluoride (dissolved)			ug/L	15	1		
17	Enterococcus			MPN/100mL	1	77		
18	Fecal coliform			MPN/100mL	1	77		
19	Total coliform			MPN/100mL	1	77		
20	Oil and Grease			mg/L	15	44		
21	Total Phenols			mg/L	15	4		
22	Turbidity			NTU	15	56		
23	Total Suspended Solids			mg/L	15	61		

Wastewater Tests

NO.	ANALYTES	WATER SAMPLE						
		PROPOSED METHOD	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TURNAROUND TIME (TAT)	ESTIMATED QUANTITY	UNIT COST (\$)	TOTAL COST (\$)
24	Total Dissolved Solids			mg/L	15	73		
25	Biochemical Oxygen Demand (BOD)			mg/L	15	65		
26	Ammonia as N			mg/L	15	64		
27	Chloride			mg/L	15	113		
28	Sulfate as SO ₄			mg/L	15	69		
29	Total Phosphorus			mg/L	15	44		
30	Nitrate as Nitrogen (Nitrate-N)			mg/L	15	81		
31	Nitrite as Nitrogen (Nitrite-N)			mg/L	15	77		
32	Total Nitrogen			mg/L	15	28		
33	TK-N			mg/L	15	60		
34	Organic Nitrogen			mg/L	15	60		
35	Sulfide			mg/L	15	4		
36	Settleable Solid			mg/L	15	12		
37	MBAS			mg/L	15	38		
38	Residual Chlorine			mg/L	15	69		

Wastewater Tests

NO.	ANALYTES	WATER SAMPLE					
		PROPOSED METHOD	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TURNAROUND TIME (TAT)	ESTIMATED QUANTITY	UNIT COST (\$)
39	Acute Toxicity			mg/L	15	1	
40	Total Phosphate			mg/L	15	1	
TOTAL PROPOSED ANNUAL PRICE:							\$ -



COUNTY OF LOS ANGELES
DEPARTMENT OF BEACHES AND HARBORS
WASTEWATER PROGRAM

Following is the Schedule of Prices, including a summary of the analytical requirements for the Department of Beaches and Harbors' septic systems based on the Waste Discharge Requirements for the following beach restroom sites: Topanga Canyon, Malibu Surfrider, Dan Blocker, Nicholas Canyon, Point Dume 1 – 3, and Zuma 1 – 8. Please access the Waste Discharge Requirements for the above listed sites at <http://dpw.lacounty.gov/brcd/servicecontracts/>.

An excel file version of Form PW-2.6 may be accessed at:

<http://dpw.lacounty.gov/brcd/servicecontracts/>

Proposers may use the excel file to input the required cost/data and submit with their proposal.

AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

ANALYTICAL METHOD REQUIREMENTS
DEPARTMENT OF BEACHES & HARBORS (DBH)

The undersigned Proposer offers to perform the work described in the Request for Proposal (RFP) for the following price(s). The Proposer's rate(s) (hourly, monthly, etc.) shall include all administrative costs, labor, supervision, overtime, materials, transportation, taxes, equipment, sample containers, supplies, and laboratory consultation unless stated otherwise in the RFP. It is understood and agreed that quantities may vary for any project and the unit prices quoted in the Schedule of Prices will apply to the actual quantities, whatever they may be. Required turnaround times ("Required TAT") are listed in business days (i.e., 5 business days per week) and can be changed on a per project basis with Program Manager approval. Although not anticipated, the County may request analysis for test methods or additional laboratory services not listed below. Any test not listed on this Schedule of Prices will be paid at the Proposer's current published prices which include all costs for the testing as described above.

The following table provides an estimate of DBH's annual septic system testing requirements. Required analyses shall be performed by laboratories certified by the State Water Resources Control Board to perform such analyses pursuant to Article 3, commencing with section 100825, of Chapter 4 of Part 1 of Division 101, Health and Safety Code. Unless directed otherwise by the State Board, analyses shall be made in accordance with U.S. EPA approved methods as prescribed at 40 Code of Federal Regulations parts 141.21 through 141.42, 141.66, and 141.89.

No.	ANALYTES	METHOD	MDL	MDL Units	Required TAT	Quantity (per year)	Unit Cost \$	Total Cost \$
1	Total Coliform				20	188		\$ -
2	Fecal Coliform				20	188		\$ -
3	Enterococcus				20	188		\$ -
1	Nitrate-N				20	160		\$ -
2	Nitrite-N				20	160		\$ -
3	Chloride				20	160		\$ -
4	Sulfate				20	160		\$ -
5	Ammonia-N				20	160		\$ -
6	Ammonia-N Distillation Prep				20	160		\$ -
7	pH				10	160		\$ -
8	BOD				10	160		\$ -
9	Turbidity				10	160		\$ -
10	Total Nitrogen				20	160		\$ -
11	TDS				20	160		\$ -
12	Residual Chlorine, Total				20	188		\$ -
13	TKJ-N				20	160		\$ -

No.	ANALYTES	METHOD	MDL	MDL Units	Required TAT	Quantity (per year)	Unit Cost \$	Total Cost \$
14	TKJ-N Digestion Prep				20	160		\$ -
15	Organic-N				20	160		\$ -
16	Boron				20	160		\$ -
TOTAL PROPOSED ANNUAL PRICE:							\$	-

ABBREVIATIONS AND UNITS OF MEASUREMENT

<	Less than	MPN/100mL	Most Probable Number per 100 Milliliters
mg/L	Milligrams per Liter	NA	Not Applicable
ug/L	Micrograms per Liter	NTU	Nephelometric Turbidity Units
pg/L	Picograms per Liter	ORP	Oxidation Reduction Potential
µmhc	Micromhos per Centimeter	PCB	Polychlorinated Biphenyls
EPA	Environmental Protection Agency	SM	Standard Method
FNU	Formazine Nephelometric Unit	TAT	Turnaround Time
MDL	Method Detection Limit	TST	Test of Significant Toxicity
MFL	Million Fibers per Liter	TIE	Toxicity Identification Evaluation



ENVIRONMENTAL PROGRAMS DIVISION
INDUSTRIAL/HAZARDOUS WASTE PROGRAM

Following is the Schedule of Prices, including a summary of constituents and test methods for the analysis of discharges to the public sewer, stormwater collection system, ground and/or groundwater that may have been contaminated by hazardous materials, illegal disposal and/or illicit discharge for Environmental Programs Division.

An excel file version of Form PW-2.7 may be accessed at:

<http://dpw.lacounty.gov/brcd/servicecontracts/>.

Proposers may use the excel file to input the required cost/data and submit with their proposal.

ANALYTICAL METHOD REQUIREMENTS
ENVIRONMENTAL PROGRAMS DIVISION (EPD)

The undersigned Proposer offers to perform the work described in the Request for Proposal (RFP) for the following price(s). The Proposer's rate(s) (hourly, monthly, etc.) shall include all administrative costs, labor, supervision, overtime, materials, transportation, taxes, equipment, sample containers, supplies, and laboratory consultation unless stated otherwise in the RFP. It is understood and agreed that quantities may vary for any project and the unit prices quoted in the Schedule of Prices will apply to the actual quantities, whatever they may be. Required turnaround times ("Required TAT") are listed in business days (i.e., 5 business days per week) and can be changed on a per project basis with Program Manager approval. Although not anticipated, the County may request analysis for test methods or additional laboratory services not listed below. Any test not listed on this Schedule of Prices will be paid at the Proposer's current published prices which include all costs for the testing as described above.

The following table provides an estimate of EPD's annual testing requirements. Required analyses shall be performed by laboratories certified by the State Water Resources Control Board to perform such analyses pursuant to Article 3, commencing with section 100825, of Chapter 4 of Part 1 of Division 101, Health and Safety Code. Unless directed otherwise by the State Board, analyses shall be made in accordance with U.S. EPA approved methods as prescribed at 40 Code of Federal Regulations parts 141.21 through 141.42, 141.66, and 141.89. EPD is responsible for testing the quality of industrial wastewaters discharged to the public sewer and/or stormwater collection system or groundwater that may have been contaminated by leaks of hazardous materials or illegal disposal. The testing of soil samples that may have been similarly contaminated is also included. Proposer shall be able to perform the required Field of Testing (FOT) for each constituent listed and shall check the boxes under the column titled FOT (Field of Testing) indicating they are ELAP certified to analyze that specific constituent. Additionally, the Proposer shall indicate their Preferred/Proposed Method of analysis for each constituent. All analyses listed shall be performed within the allowable holding time from the time of collection as specified in the methodology promulgated by the U.S. EPA. Unless prior arrangements are made with the Program Manager, the Proposer shall deliver paperless reports with analytical results of the required analyses to the County on a routine basis within the Required Turnaround Time (TAT) of ten (10) calendar days after the date of delivery of the samples to the Proposer or specified point of transfer. All samples are to be treated as legal evidence and shall be preserved and stored in a secured refrigerated storage facility for one hundred eighty (180) days at no charge to the County, beginning with the date of the final report, unless otherwise notified or until custody is returned to the County or the County authorizes destruction.

Detection Limits

The limits of detections shall be below the maximum detection limits listed for each analysis listed below.

CONSTITUENT	MAXIMUM (mg/L)	CONSTITUENT	MAXIMUM (mg/L)
Arsenic	0.05	Silver	0.08
Beryllium	0.005	Zinc	0.50
Boron	1.5	Acetone	8.2
Cadmium (Total)	0.02	Chloride	175.00
Chromium (Total)	0.07	Dissolved Sulfides	0.10
Copper	0.30	Ethyl acetate	8.2
Cyanide (Total)	0.02	Isopropyl acetate	8.2
Cyanide (Amenable)	0.29	Methylene chloride	0.7
Fluoride	1.2	n-Amyl acetate	8.2
Lead	0.20	Sulfate	325.00
Mercury	0.002	Oil & Grease	100.0
Nickel	0.50	Total Dissolved Solids (TDS)	1000.0
Selenium	0.02		

LINE NO.	CONSTITUENTS	FOT	PREFERRED METHOD	PROPOSED METHOD	RL	RL UNITS	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TAT(2)	ESTIMATED QUANTITY	UNIT COST (\$)	TOTAL COST (\$)
1	Nitrogen Ammonia								10	10	\$	\$
2	BOD								10	20	\$	\$
3	COD								10	20	\$	\$
4	Chloride								10	20	\$	\$
5	Dissolved Sulfides								10	50	\$	\$
6	Fish Toxicity								10	5	\$	\$

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.7

LINE NO.	CONSTITUENTS	FOT	PREFERRED METHOD	PROPOSED METHOD	RL	RL UNITS	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TAT(2)	ESTIMATED QUANTITY	UNIT COST (\$)	TOTAL COST (\$)
7	MBAS (Surfactants)								10	10		\$ -
8	Oil and Grease								10	80		\$ -
9	Particle Size Distribution								10	10		\$ -
10	Phenols								10	10		\$ -
11	pH								10	5		\$ -
12	Settleable Solids								10	10		\$ -
13	Total Dissolved Solids								10	10		\$ -
14	Total Suspended Solids								10	10		\$ -
15	Bacteria (Coliform, Fecal and Total)								10	20		\$ -
16	Alkalinity								10	20		\$ -
17	Turbidity								10	20		\$ -
18	Lactose								10	10		\$ -
19	Protein								10	10		\$ -
20	Fat								10	10		\$ -
21	Bulk Asbestos ID by PLM (solids)								10	5		\$ -
22	Asbestos ID by TEM (liquid)								10	5		\$ -
23	Sugar Profile-fructose, lactose, sucrose								10	10		\$ -
24	Phosphate, Ortho								10	5		\$ -

AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.7

LINE NO.	CONSTITUENTS	FOT	PREFERRED METHOD	PROPOSED METHOD	RL	RL UNITS	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TAT(2)	ESTIMATED QUANTITY	UNIT COST (\$)	TOTAL COST (\$)
25	Phosphate, Total								10	5	\$	\$
26	Anion by IC (water includes Chloride, Fluoride & Sulfate)								10	20	\$	\$
27	Arsenic								10	100	\$	\$
28	Cadmium								10	100	\$	\$
29	Chromium (Total)								10	100	\$	\$
30	Copper								10	100	\$	\$
31	Fluoride								10	10	\$	\$
32	Lead								10	100	\$	\$
33	Mercury								10	10	\$	\$
34	Nickel								10	100	\$	\$
35	Selenium								10	10	\$	\$
36	Silver								10	100	\$	\$
37	Zinc								10	100	\$	\$
38	TTL digestion for individual Metals (1 per sample & Mercury								10	100	\$	\$
39	Priority Pollutant Metals (Title 22 [CAM 17] metals include digestion and Mercury								10	10	\$	\$
40	California Waste Extraction Test (WET) + 17 Metals								10	10	\$	\$
41	CCR - Total Concentration (Digestion + 17 Metals)								10	10	\$	\$
42	Toxicity Characteristic Leaching Procedure (TCLP); TCLP Extraction + Metals (Inorganic)								10	10	\$	\$

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.7

LINE NO.	CONSTITUENTS	FOT	PREFERRED METHOD	PROPOSED METHOD	RL	RL UNITS	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TAT(2)	ESTIMATED QUANTITY	UNIT COST (\$)	TOTAL COST (\$)
43	TCLP Zero Head Space Extraction + Vol. Organics								10	10		\$ -
44	TCLP Extraction + Semi Vol. Organics								10	10		\$ -
45	Emission Spectrographic Analysis								10	10		\$ -
46	Cyanide								10	1		\$ -
47	Cyanide (Total)								10	80		\$ -
48	Cyanide (Amenable)								10	80		\$ -
49	Soil/Water Samples								10	1		\$ -
50	EPA Method No. 601								10	10		\$ -
51	EPA Method No. 602								10	10		\$ -
52	EPA Method No. 608								10	10		\$ -
53	EPA Method No. 624								10	100		\$ -
54	EPA Method No. 624 + TIC								10	50		\$ -
55	EPA method No. 418.1								10	20		\$ -
56	EPA Method No. 8021B/Liquid- (Full List)								10	10		\$ -
57	EPA Method No. 8021B/Soil* (Full List)								10	10		\$ -
58	EPA Method No. 8021B/Liquid (BTEX+MTBE)								10	25		\$ -
59	EPA Method No. 8021B/Soil* (BTEX+MTBE)								10	25		\$ -
60	EPA Method No. 8081A								10	10		\$ -

AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.7

LINE NO.	CONSTITUENTS	FOT	PREFERRED METHOD	PROPOSED METHOD	RL	RL UNITS	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TAT(2)	ESTIMATED QUANTITY	UNIT COST (\$)	TOTAL COST (\$)
61	EPA Method No. 8082								10	10		\$ -
62	EPA Method No. 8260B/Liquid								10	20		\$ -
63	EPA Method No. 8260B/Soil*								10	20		\$ -
64	EPA Method No. 8270C								10	20		\$ -
65	Organic Lead (Appendix 11, Title 22)								10	20		\$ -
66	PMCC Ignitability Test								10	10		\$ -
67	TPH - 8015 Gas Range Organic (GRO)/Liquid								10	20		\$ -
68	TPH - 8015 Gas Range Organic (GRO)/Soil*								10	20		\$ -
69	TPH - 8015 Diesel Range Organic (DRO)/Liquid								10	20		\$ -
70	TPH - 8015 Diesel Range Organic (DRO)/Soil								10	20		\$ -
71	Combination TPH - 8015 (GRO) + 8021B (BTEX)/ Liquid								10	20		\$ -
72	Combination TPH - 8015 (GRO) + 8021B (BTEX)/Soil								10	20		\$ -
73	Combination TPH - 8015 (DRO) + 8021B (BTEX)/Liquid								10	20		\$ -
74	Combination TPH - 8015 (DRO) + 8021 (BTEX)/Soil								10	20		\$ -
75	Deposit Analysis								10	5		\$ -
76	Microscopic Exam-Pictures								10	5		\$ -
77	(1) Soil Sample Prep for Volatiles (5035)								10	100		\$ -
78	EPA Method No. 1666 Purge & Trap (water) (1)								10	40		\$ -

AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.7

LINE NO.	CONSTITUENTS	FOT	PREFERRED METHOD	PROPOSED METHOD	RL	RL UNITS	METHOD DETECTION LIMIT (MDL)	MDL UNITS	REQUIRED TAT(2)	ESTIMATED QUANTITY	UNIT COST (\$)	TOTAL COST (\$)
79	EPA Method No. 1666 Direct Injection (water) (1)								10	40		\$ -
80	EPA Method No. 524.2 (water) (1)								10	40		\$ -
81	SM D4763 Phenol (water) (1)								10	40		\$ -
TOTAL PROPOSED ANNUAL PRICE:											\$	-

NOTES: (1) Approved methods for pharmaceutical pollutants pursuant to 40 CFR Part 136
(2) Consider Rush Turnaround Times



STORMWATER QUALITY DIVISION

Environmental Planning Section.

WASTEWATER PROGRAM

Following is the Schedule of Prices, including a summary of annual stormwater, soil/sediment/solid, and tissue testing parameters for environmental planning and special studies in the Stormwater Quality Division – Environmental Planning Section.

An excel file version of Form PW-2.8 may be accessed at:

<http://dpw.lacounty.gov/brcd/servicecontracts/>

Proposers may use the excel file to input the required cost/data and submit with their proposal.

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.8

STORMWATER QUALITY DIVISION - ENVIRONMENTAL PLANNING SECTION (SWQD-EPS)

The undersigned Proposer offers to perform the work described in the Request for Proposal (RFP) for the following price(s). The Proposer's rate(s) (hourly, monthly, etc.) shall include all administrative costs, labor, supervision, overtime, materials, transportation, taxes, equipment, sample containers, supplies, and laboratory consultation unless stated otherwise in the RFP. It is understood and agreed that quantities may vary for any project and the unit prices quoted in the Schedule of Prices will apply to the actual quantities, whatever they may be. Required turnaround times ("Required TAT") are listed in business days (i.e., 5 business days per week) and can be changed on a per project basis with Program Manager approval. Although not anticipated, the County may request analysis for test methods or additional laboratory services not listed below. Any test not listed on this Schedule of Prices will be paid at the Proposer's current published prices which include all costs for the testing as described above.

The following table provides an estimate of Stormwater Quality Division - Environmental Planning Section's (SWQD-EPS) annual testing requirements. Required analyses shall be performed by laboratories certified by the State Water Resources Control Board to perform such analyses pursuant to Article 3, commencing with section 100825, of Chapter 4 of Part 1 of Division 101, Health and Safety Code. Unless directed otherwise by the State Board, analyses shall be made in accordance with U.S. EPA approved methods as prescribed at 40 Code of Federal Regulations parts 141.21 through 141.42, 141.66, and 141.89.

The estimated quantity provided in the table is based on the number of projects, types of projects (i.e., baseline, post-construction, special investigation, or other), number of sample locations per project, and specific Watershed-based analytical requirements for where the project is located. For the purpose of budgeting, the estimated quantity provided below assumes a total of up to four projects with two sample locations and 10 sampling events (6 wet weather and 4 dry weather) per project. The estimate includes quality assurance/quality control samples for budgeting purposes. If the Proposer can provide analysis by more than one analytical method of an individual analyte, the Proposer may add lines to the spreadsheet below to provide the different method(s), method detection limit(s), and unit cost(s).

NO.	ANALYTES	PROPOSED METHOD	METHOD DETECTION LIMIT (MDL) ¹	MDL UNITS	REQUIRED TURNAROUND TIME (TAT)	ESTIMATED QUANTITY	UNIT COST (\$)	TOTAL COST (\$)
METALS								
1	Total and dissolved metals, full list	EPA 200.8		ug/L	20	100		\$ -
2	Aluminum (total)			ug/L	20	100		\$ -
3	Antimony (total)			ug/L	20	100		\$ -
4	Arsenic (total)			ug/L	20	100		\$ -
5	Barium (total)			ug/L	20	100		\$ -
6	Beryllium (total)			ug/L	20	100		\$ -
7	Cadmium (total)			ug/L	20	100		\$ -
8	Chromium (total)			ug/L	20	100		\$ -
9	Chromium (VI) (total)			ug/L	20	100		\$ -
10	Chromium (III) (total)			ug/L	20	100		\$ -
11	Copper (total)			ug/L	20	100		\$ -
12	Lead (total)			ug/L	20	100		\$ -
13	Manganese (total)			ug/L	20	100		\$ -
14	Mercury (total)			ug/L	20	100		\$ -
15	Molybdenum (total)			ug/L	20	100		\$ -
16	Nickel (total)			ug/L	20	100		\$ -
17	Selenium (total)			ug/L	20	100		\$ -
18	Silver (total)			ug/L	20	100		\$ -
19	Thallium (total)			ug/L	20	100		\$ -
20	Zinc (total)			ug/L	20	100		\$ -
21	Aluminum (dissolved)			ug/L	20	100		\$ -
22	Antimony (dissolved)			ug/L	20	100		\$ -
23	Arsenic (dissolved)			ug/L	20	100		\$ -
24	Barium (dissolved)			ug/L	20	100		\$ -
25	Beryllium (dissolved)			ug/L	20	100		\$ -
26	Cadmium (dissolved)			ug/L	20	100		\$ -
27	Chromium (dissolved)			ug/L	20	100		\$ -
28	Chromium (VI) (dissolved)			ug/L	20	100		\$ -
29	Chromium (III) (dissolved)			ug/L	20	100		\$ -
30	Copper (dissolved)			ug/L	20	100		\$ -
31	Lead (dissolved)			ug/L	20	100		\$ -
32	Manganese (dissolved)			ug/L	20	100		\$ -
33	Mercury (dissolved)			ug/L	20	100		\$ -
34	Molybdenum (dissolved)			ug/L	20	100		\$ -

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.8

NO.	ANALYTES	PROPOSED METHOD	METHOD DETECTION LIMIT (MDL) ¹	MDL UNITS	REQUIRED TURNAROUND TIME (TAT)	ESTIMATED QUANTITY	UNIT COST (\$)	TOTAL COST (\$)
35	Nickel (dissolved)			ug/L	20	100		\$ -
36	Selenium (dissolved)			ug/L	20	100		\$ -
37	Silver (dissolved)			ug/L	20	100		\$ -
38	Thallium (dissolved)			ug/L	20	100		\$ -
39	Zinc (dissolved)			ug/L	20	100		\$ -

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.8

NO.	ANALYTES	PROPOSED METHOD	METHOD DETECTION LIMIT (MDL) ¹	MDL UNITS	REQUIRED TURNAROUND TIME (TAT)	ESTIMATED QUANTITY	UNIT COST (\$)	TOTAL COST (\$)
MICROBIOLOGY								
40	E. coli			MPN/100mL	20	100	\$	-
41	Enterococcus			MPN/100mL	20	100	\$	-
42	Streptococcus			MPN/100mL	20	100	\$	-
43	Fecal coliform			MPN/100mL	20	100	\$	-
44	Total coliform			MPN/100mL	20	100	\$	-
CONVENTIONALS / GENERAL CHEMISTRY								
45	Oil and Grease			mg/L	20	100	\$	-
46	Total Phenols			mg/L	20	100	\$	-
47	pH			NA	20	100	\$	-
48	Dissolved Oxygen			mg/L	20	100	\$	-
49	Turbidity			NTU	20	100	\$	-
50	Total Suspended Solids			mg/L	20	100	\$	-
51	Suspended Sediment Concentration			mg/L	20	100	\$	-
52	Total Dissolved Solids			mg/L	20	100	\$	-
53	Volatile Suspended Solids			mg/L	20	100	\$	-
54	Total Organic Carbon			mg/L	20	100	\$	-
55	Total Petroleum Hydrocarbons (TPH)			mg/L	20	50	\$	-
56	TPH- Gasoline Range Organics (GRO), C6-C12			ug/L	20	50	\$	-
57	TPH- Diesel Range Organics (DRO), C10-C28			ug/L	20	50	\$	-
58	TPH- Motor Oil Range, C16-C36			ug/L	20	50	\$	-
59	Biochemical Oxygen Demand (BOD)			mg/L	20	50	\$	-
60	Chemical Oxygen Demand (COD)			mg/L	20	50	\$	-
61	Ammonia (NH3)			mg/L	20	50	\$	-
62	Ammonia as Nitrogen (NH3-N)			mg/L	20	50	\$	-
63	Alkalinity, Total			mg/L	20	50	\$	-
64	Alkalinity as Bicarbonate			mg/L	20	50	\$	-
65	Alkalinity as CaCO3			mg/L	20	50	\$	-
66	Alkalinity as Hydroxide			mg/L	20	50	\$	-
67	Specific Conductance			umho/cm	20	50	\$	-
68	Hardness as calcium carbonate (CaCO3)			mg/L	20	50	\$	-
69	Methylene Blue Active Substances (MBAS)			mg/L	20	50	\$	-
70	Perchlorate			ug/L	20	50	\$	-
71	Chlorophyll-a			ug/L	20	50	\$	-
72	Cyanide			mg/L	20	50	\$	-
73	Asbestos			MFL	20	50	\$	-
74	Total Suspended Solids (TSS)			mg/L	20	50	\$	-
75	Fluoride			mg/L	20	50	\$	-
76	Chloride			mg/L	20	50	\$	-
77	Sulfate			mg/L	20	50	\$	-
NUTRIENTS								
78	Dissolved Phosphorus			mg/L	20	100	\$	-
79	Total Phosphorus			mg/L	20	100	\$	-
80	Kjeldahl Nitrogen, Total			mg/L	20	100	\$	-
81	Nitrate as Nitrogen (Nitrate-N)			mg/L	20	100	\$	-
82	Nitrite as Nitrogen (Nitrite-N)			mg/L	20	100	\$	-
83	Nitrate-N + Nitrite-N			mg/L	20	100	\$	-

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.8

NO.	ANALYTES	PROPOSED METHOD	METHOD DETECTION LIMIT (MDL) ¹	MDL UNITS	REQUIRED TURNAROUND TIME (TAT)	ESTIMATED QUANTITY	UNIT COST (\$)	TOTAL COST (\$)
ORGANICS, PESTICIDES, PCBs								
84	Carbamates	EPA 531.1		ug/L	20	50		\$ -
85	Base Neutral Compounds	EPA 625		ug/L	20	50		\$ -
86	Volatile Organic Compounds	EPA 624		ug/L	20	50		\$ -
87	Volatile Organic Compounds	EPA 8260B		ug/L	20	50		\$ -
88	Semivolatile Organic Compounds	EPA 625		ug/L	20	50		\$ -
89	Semivolatile Organic Compound	EPA 8270C		ug/L	20	50		\$ -
90	Organochlorine Pesticides and PCBs	EPA 608		ug/L	20	50		\$ -
91	Organochlorine Pesticides	EPA 8081A		ug/L	20	50		\$ -
92	Chlorinated Acid Herbicides	EPA 515.3		ug/L	20	50		\$ -
93	PNA and Phthalates	EPA 525.2		ug/L	20	50		\$ -
94	Organophosphate Pesticides	EPA 507		ug/L	20	50		\$ -
95	Glyphosate			ug/L	20	50		\$ -
96	Endothall			ug/L	20	50		\$ -
97	Diquat			ug/L	20	50		\$ -
98	2,3,7,8-TCDD (Dioxin)	EPA 1613B		pg/L	20	50		\$ -
99	PCB Congeners			ug/L	20	50		\$ -
HIGH-RESOLUTION TESTS								
100	PCB Congeners by high-resolution	EPA 1668A ¹		ug/L	20	25		\$ -
101	DDT by high-resolution	EPA 1699 ¹		ug/L	20	25		\$ -
TOXICITY								
102	Daphnid (<i>Ceriodaphnia dubia</i>) survival and reproduction test by Test of Significant Toxicity (TST)	EPA-821-R-02-013 ²		Pass or Fail	20	6		\$ -
103	Fathead Minnow (<i>Pimephales promelas</i>) Larval Growth and Survival Test) by TST	EPA-821-R-02-013 ²		Pass or Fail	20	6		\$ -
ANALYTICAL SUB-TOTAL:								\$ -
ADDITIONAL ITEMS								
NO.	ITEM DESCRIPTION					ESTIMATED QUANTITY	UNIT COST (\$)	COST PER ITEM
A-1	Filtration for dissolved metals					100		\$ -
A-2	2.5 gallon (9.5 liter) round glass bottle with PTFE lined cap and handle ³					20		\$ -
A-3	pH buffer calibration solution - pH 4					2		\$ -
A-4	pH buffer calibration solution - pH 7					2		\$ -
A-5	pH buffer calibration solution - pH 10					2		\$ -
A-6	Conductivity calibration solution - 1,000 µmhos/cm					2		\$ -
A-7	Calibration solution for turbidity - 1,010 FNU					2		\$ -
A-8	Calibration solution for ammonium - 10 mg/L					2		\$ -
A-9	Calibration solution for nitrate - 10 mg/L					2		\$ -
A-10	Confidence solution for pH, ORP, and conductivity					2		\$ -
ADDITIONAL ITEMS SUB-TOTAL:								\$ -
TOTAL PROPOSED ANNUAL PRICE:							\$ -	

NOTES

¹ If a cost is requested for a method with multiple analytes, please provide an attachment of the laboratory's analytical method information which shall include a list of the analytes analyzed by that method and respective method detection limits.

² Additional information about toxicity analysis is provided in the Los Angeles Region Municipal Separate Storm Sewer (MS4) Permit, Order R4-2012-0175, NPDES Permit No. CAS004001, Attachment E, Section XIII: https://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/losangeles.shtml

³ An example of this type of sample bottle is available here: <https://www.hach.com/product/detail-print.version.jsa?id=7640260749>

ABBREVIATIONS & UNITS OF MEASUREMENT

<	less than	MPN/100mL	most probable number per 100 milliliters
mg/L	milligrams per liter	NA	not applicable
ug/L	micrograms per liter	NTU	nephelometric turbidity units
pg/L	picograms per liter	ORP	oxidation reduction potential
µmhos/cm	micromhos per centimeter	PCB	Polychlorinated Biphenyls
EPA	Environmental Protection Agency	TAT	turnaround time

SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)

FORM PW-2.8

NO.	ANALYTES	PROPOSED METHOD	METHOD DETECTION LIMIT (MDL) ¹	MDL UNITS	REQUIRED TURNAROUND TIME (TAT)	ESTIMATED QUANTITY	UNIT COST (\$)	TOTAL COST (\$)
FNU	formazine nephelometric unit		TST	Test of Significant Toxicity				
MDL	method detection limit		TIE	Toxicity Identification Evaluation				
MFL	million fibers per liter							

Additional laboratory services are described on page 15 of Exhibit A.5.

**SUMMARY OF SCHEDULE OF PRICES FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN011)
DRINKING WATER PROGRAM
WASTEWATER PROGRAM
INDUSTRIAL/HAZARDOUS WASTE PROGRAM**

The undersigned Proposer offers to perform the work described in the Request for Proposals (RFP) for the following price(s). The Proposer rate(s) (hourly, monthly, etc.) shall include all administrative costs, labor, supervision, overtime, materials, transportation, taxes, equipment, sample container, supplies, and laboratory consultation unless stated otherwise in the RFP. It is understood and agreed that where quantities, if any, are set forth in the Schedule of Prices, they are only estimates, and the unit prices quoted, if any, will apply to the actual quantities, whatever they may be. It is understood that these prices should not be exceeded on an individual project basis. Any test not listed on this Schedule of Prices will be paid at the Contractor's current published rates/prices which include all costs for the testing as described above. The Contractor shall provide its published rate list at the time of proposal submission and annually thereafter at the time of Contract renewal, indicating the unit rates not quoted on Forms PW-2.1 thru 2.9, Schedule of Prices, for testing, samplings, laboratory services, and/or reports.

Work to be performed under this Contract shall include laboratory analytical testing services in accordance with Title 22 of the California Code of Regulations, the Safe Drinking Water Act, the Clean Water Act, 40 Code of Federal Regulations (CFR), and any additional permits and regulations referenced in Exhibit A, Scope of Work. It is not expected that the Proposer be able to perform all of these tests; however, subcontracting is allowed.

Each Program will be independently evaluated and scored based on the proposed annual price for Routine/Scheduled Laboratory Services, Sections A.1 for the Drinking Water Program, Section A.2 for the Industrial/Hazardous Waste Program and Section A.3 for the Wastewater Program. Each Program has its own set of Form PW-2s, Schedule of Prices, as reflected below.

The proposed prices submitted under the Additional Laboratory Services Sections, Sections B through I below, will not be evaluated.

Routine/Scheduled Laboratory Services

A.1 Drinking Water Program

No.	FORM PW-2	Total Proposed Annual Amounts
1.	Total Proposed Annual Price for Waterworks Division Drinking Water Program (Form PW-2.4)	\$
2.	Total Proposed Annual Price for Los Angeles County Fire Department Drinking Water Program (Form PW-2.5A)	\$
	TOTAL PROPOSED ANNUAL PRICE FOR ROUTINE/SCHEDULED LABORATORY SERVICES – DRINKING WATER PROGRAM (Items 1 + 2)	\$

A.2 Wastewater Program

No.	FORM PW-2	Total Proposed Annual Amounts
1.	Total Proposed Annual Price for Sewer Maintenance Division Wastewater Program (Form PW-2.1)	\$
2.	Total Proposed Annual Price for Stormwater Quality Division Flood Control District Section - Wastewater Program (Form PW-2.2)	\$
3.	Total Proposed Annual Price for Stormwater Engineering Division Wastewater Program (Form PW-2.3)	\$
4.	Total Proposed Annual Price for Los Angeles County Fire Department Wastewater Program (Form PW-2.5B)	\$
5.	Total Proposed Annual Price for Department of Beaches and Harbors Wastewater Program (Form PW-2.6)	\$
6.	Total Proposed Annual Price for Stormwater Quality Division Environmental Planning Section - Wastewater Program (Form PW-2.8)	\$
	TOTAL PROPOSED ANNUAL PRICE FOR ROUTINE/SCHEDULED LABORATORY SERVICES – WASTEWATER PROGRAM (Items 1 - 6)	\$

A.3 Industrial/Hazardous Waste Program

No.	FORM PW-2	Price
1.	Total Proposed Annual Price for Environmental Programs Division Industrial/Hazardous Waste Program (Form PW-7)	\$
	TOTAL PROPOSED ANNUAL PRICE FOR ROUTINE/SCHEDULED LABORATORY SERVICES – INDUSTRIAL/HAZARDOUS WASTE PROGRAM	\$

Additional Laboratory Services

Proposers must provide a proposed price for each of the items listed below. The proposed prices submitted for Additional Laboratory Services Sections, Sections B through I below, will not be evaluated.

B. Courier Fees (delivery and pick up)

1. Courier Fees during standard business hours
(Monday through Friday, 8 am to 5 pm) \$_____ per trip
2. After-hours Courier Fees
(After-hours, Holidays or Weekends) \$_____ per trip

- C. Sample Receiving and Processing
1. After-hours/Weekend (Staff labor surcharge) \$_____ per hour
 2. Holiday Labor Surcharge \$_____ per hour
- D. Field Testing and Sample Collection (includes travel time)
1. After-hours/Weekend (Staff labor surcharge) \$_____ per hour
 2. Holiday Labor Surcharge \$_____ per hour
- E. Reporting Format and Quality Assurance and Quality Control Documentation (QA/QC)
1. California Environmental Data Exchange Network (CEDEN) Electronic Data Format (Price per batch) \$_____ per batch
 2. Data QA/QC Package Format (Level II reporting shall be provided as part of the standard analytical costs)
 - Level III \$_____ per batch
 - Level IV \$_____ per batch
 3. EDD Output in CEDEN Format
 - Cost per Report \$_____ per report
 - Staff cost to program DEEDEN fields \$_____ per hour
- F. Specialized Equipment Cleaning/Calibrating (e.g. sampling tools or equipment)
1. Staff Labor Surcharge \$_____ per hour
- G. Mixing Time-Weighted Composite Samples/Create Flow-Weighted Composite Sample
1. Staff Labor Surcharge per hour \$_____ per hour
- H. Expert and Consultant Services (Estimated hours per year = 40) \$_____ per hour
- I. Field Sampling (Excluding Analysis) (Estimated hours per year = 20) \$_____ per hour

Turnaround Time

The required turnaround time is defined as the interval of time between when a sample is received by the Contractor and when the results are reported. The Contractor shall meet the required turnaround times stated in Forms PW-2.1 thru 2.9, at the price listed for that particular constituent. In the event the Contractor fails to meet the required turnaround times, the County reserves the right to withhold payment and shall deduct from any payment due the Contractor an amount equal to the costs of any fines/penalties imposed by state and/or federal regulatory agencies. The Contractor shall provide analytical testing and related services for all routine and rush samples listed in the Schedule of Prices contained in Forms PW-2.1 thru 2.9.

The County offers to pay the following premiums above the price listed on Forms PW-2.1 thru 2.9 for Rush Turnaround Time:

Laboratory charges for Rush Turnaround Time (When applicable to test method)

Same day service:	Surcharge rate <u>300</u> %
24-hour turnaround time:	Surcharge rate <u>250</u> %
48-hour turnaround time:	Surcharge rate <u>200</u> %
72-hour turnaround time:	Surcharge rate <u>150</u> %
5-day turnaround time:	Surcharge rate <u>100</u> %

If rush turnaround times are not met, the County will be charged at the required turnaround time price, as indicated in Forms PW-2.1 thru 2.9.

Any testing not quoted on Form PW-2.1 thru 2.9, Schedule of Prices, shall be billed not exceeding the Contractor's published rate list. The Contractor shall provide its published rate list at the time of proposal submission and annually thereafter at the time of Contract renewal, indicating the unit rates not quoted on Forms PW-2 thru 2.9, Schedule of Prices, for testing, samplings, laboratory services, and/or reports.

LEGAL NAME OF PROPOSER		
SIGNATURE OF PERSON AUTHORIZED TO SUBMIT PROPOSAL		
TITLE OF AUTHORIZED PERSON		
DATE	STATE ELAP NUMBER	ELAP CERTIFICATION CODES
PROPOSER'S ADDRESS:		
PHONE	FACSIMILE	E-MAIL

**PROPOSER'S COMPLIANCE WITH THE MINIMUM MANDATORY REQUIREMENTS OF THE RFP FOR
AS-NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM (2018-AN0011)**

PROPOSER MUST CHECK A BOX IN EVERY SECTION

Important Note: The information on this form is subject to verification and may not be used for scoring purposes.

Completing this form by itself without including a detailed narrative/resume in your RFP to support the minimum mandatory requirements of this RFP, any inconsistencies or inaccuracies in the information provided on this form, and/or your proposal, may subject your proposal to disqualification or other actions, at the sole discretion of the County.

At the time of proposal Submission, Proposer must meet the following minimum mandatory requirements:

If a proposer is utilizing a subcontractor to meet any requirements listed below, indicate subcontractor name(s).

1. **MINIMUM EXPERIENCE** Proposer and subcontractors, if any, must have a minimum of 5 years of experience providing laboratory services as indicated in Exhibit A, Scope of Work.

☐ Yes. Proposer and subcontractors, if any, meet the experience requirement stated above. (In addition to responding on this form, please provide a detailed narrative in your bid to support this minimum mandatory requirement).

Proposer's Laboratory/ Subcontractors' Laboratories (Please specify)	Dates of Experience (Mth/Yrs to Mth/Yrs)	Description of Services/Experience Please provide a detailed narrative of Proposer's experience in your RFP to validate this minimum mandatory requirement.	Page Number*

*List the page number in the proposal containing the proposer's resume/experience. (Please attach additional pages if needed)

- ☐ No. Proposer does **not** meet the experience requirement stated above. **If you check this box, your proposal will be immediately disqualified.**

2. **MINIMUM EXPERIENCE** Proposer's managing employees and subcontractors' managing employees, if any, must have a minimum of 5 years of experience providing laboratory services as indicated in Exhibit A, Scope of Work.

- ☐ Yes. Proposer's managing employee and subcontractors' managing employees, if any, meets the experience requirement stated above. (In addition to responding on this form, please provide a detailed narrative in your bid to support this minimum mandatory requirement).

Proposer's Managing Employee(s)/ Subcontractors' Managing Employee(s) (Please specify)	Dates of Experience (Mth/Yrs to Mth/Yrs)	Description of Services/Experience Please provide a detailed narrative of Proposer's experience in your RFP to validate this minimum mandatory requirement.	Page Number*

*List the page number in the proposal containing the proposer's resume/experience. (Please attach additional pages if needed)

- ☐ No. Proposer's managing employee(s) and subcontractors' managing employee(s), if any, do **not** meet the experience requirement stated above. **If you check this box, your proposal will be immediately disqualified.**

3. **ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM (ELAP) ACCREDITATION** Proposer and subcontractor(s), if any, must submit a valid and active accreditation by the California State Water Resources Control Board's Environmental Laboratory Accreditation Program (with Environmental Laboratory Accreditation Program certification number).

- ☐ Yes. Proposer and Subcontractors, if any, have submitted a copy of a valid and active accreditation by the California State Water Resources Control Board's Environmental Laboratory Accreditation Program (with Environmental Laboratory Accreditation Program number).

Name of Certificate Holder (Please specify Proposer or Subcontractor)	ELAP No.	Valid/Active Dates	Page Number *

*List the page number in the proposal containing copies of the proposer's licenses/degrees/permits/certifications. (Please attach additional pages if needed)

- ☐ No. Proposer **cannot** submit copy of a copy of a valid and active accreditation by the California State Water Resources Control Board's Environmental Laboratory Accreditation Program (with Environmental Laboratory Accreditation Program number). **If you check this box, your proposal will be immediately disqualified as nonresponsive.**
4. **LABORATORY LOCATION/PROXIMITY** Proposer and subcontractor(s), if any, that performs microbiological testing for drinking water and wastewater have an office and a stationary laboratory located in Los Angeles County capable of receiving and commencing bacteriological analysis within six (6) hours of sample collection.
- ☐ Yes. Proposer or subcontractor(s), if any, have an office and a stationary laboratory located in Los Angeles County capable of meeting the holding time requirement above.
- ☐ No. Proposer or any Subcontractor are unable to meet the minimum mandatory requirement listed above. **If you check this box, your proposal will be immediately disqualified as nonresponsive.**

Proposer declares under penalty of perjury that the information stated above is true and accurate. Proposer further acknowledges that if any false, misleading, incomplete, or deceptively unresponsive statements in connection with this Bid are made, the Bid may be rejected at the sole discretion of the County.

Proposer's Name:	
Authorized representative Name:	
Signature:	Date:

FORM PW-19

**AS NEEDED ENVIRONMENTAL LABORATORY SERVICES PROGRAM
(2018-AN011)**

PROPOSAL SUBMISSION FORM

**PLEASE INDICATE THE PROPOSAL YOU ARE SUBMITTING FOR BY
PLACING A "✓" CHECK MARK NEXT TO THE CORRESPONDING
PROGRAM LISTED BELOW:**

PROGRAM	SUBMITTING FOR
Wastewater Program	
Drinking Water Program	
Industrial/Hazardous Waste Program	

SAMPLE DELIVERY PICK-UP LOCATIONS BY PROGRAM:

Program	Sample Pick-Up Location/Description (Please list City)	Address	City	State	Zip Code	Estimated Pick-Up Frequency (Please list City)	Additional Comments
Department of Public Works (DPW) Waterworks Division	Waterworks North Maintenance Area (NMA) Office	280 E. Avenue K-8	Lancaster	CA	93535	3 times per week (Mon, Tues, Wed)	Additional courier service may be requested for rapid sampling
	Waterworks South Maintenance Area (SMA) Office	29533 W. Civic Center Way	Altadena	CA	91006	1 time per week (Tues) plus 1 time per month (2nd Wed)	Additional courier service may be requested for rapid sampling
	Hemlocker Park Water	35107 S. Francisco Canyon Rd	Altadena	CA	91001	every two weeks	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	California Conservation Camp #14	8600 W. Soledad Canyon Rd	Action	CA	91340	every two weeks	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	Action Conservation Camp #11	22950 E. Fort Rd	Action	CA	91702	every two weeks	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	Fire Suppression Camp #19	35100 San Francisco Canyon	Altadena	CA	91340	every two weeks	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 77	3710 W. Sierra Hwy	Altadena	CA	91340	monthly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 61	3710 W. Sierra Hwy	Altadena	CA	91340	monthly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 3	3710 W. Sierra Hwy	Altadena	CA	91340	monthly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 1	3710 W. Sierra Hwy	Altadena	CA	91340	monthly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
DPW Sewer Maintenance Division	Melbou Mesa Water Reclamation Plant	3653 Melbou Country Drive	Long Beach	CA	90805	1 time per week (Tuesday) 11:00 am	SWOD-EPS may request laboratory assistance with sample pick-up from DPW
	Stormwater Maintenance Division's Alameda Yard	881 Irongate Ave	Long Beach	CA	90805	1 time per week (Thurs) plus additional 1 per week (as needed)	HO up to 3 times per year, in the event of linked sampling during storm events
	LA County Department of Public Works Headquarters	900 S. Fremont Ave	Altadena	CA	91802	SWOD-EPS plans to continue delivering all samples to laboratory	Lab must be able to receive samples during storm events (excluding after-hours, holidays, and weekends)
	LA County Department of Public Works Headquarters	900 S. Fremont Ave	Altadena	CA	91802	SWOD-EPS plans to continue delivering all samples to laboratory	Lab must be able to receive samples during storm events (excluding after-hours, holidays, and weekends)
	LA County Department of Public Works Headquarters	900 S. Fremont Ave	Altadena	CA	91802	SWOD-EPS plans to continue delivering all samples to laboratory	Lab must be able to receive samples during storm events (excluding after-hours, holidays, and weekends)
	LA County Department of Public Works Headquarters	900 S. Fremont Ave	Altadena	CA	91802	SWOD-EPS plans to continue delivering all samples to laboratory	Lab must be able to receive samples during storm events (excluding after-hours, holidays, and weekends)
	LA County Department of Public Works Headquarters	900 S. Fremont Ave	Altadena	CA	91802	SWOD-EPS plans to continue delivering all samples to laboratory	Lab must be able to receive samples during storm events (excluding after-hours, holidays, and weekends)
	LA County Department of Public Works Headquarters	900 S. Fremont Ave	Altadena	CA	91802	SWOD-EPS plans to continue delivering all samples to laboratory	Lab must be able to receive samples during storm events (excluding after-hours, holidays, and weekends)
	LA County Department of Public Works Headquarters	900 S. Fremont Ave	Altadena	CA	91802	SWOD-EPS plans to continue delivering all samples to laboratory	Lab must be able to receive samples during storm events (excluding after-hours, holidays, and weekends)
	LA County Department of Public Works Headquarters	900 S. Fremont Ave	Altadena	CA	91802	SWOD-EPS plans to continue delivering all samples to laboratory	Lab must be able to receive samples during storm events (excluding after-hours, holidays, and weekends)
LA County Department of Beaches & Harbors	LA County Internal Services Department District 2	433 S. Excal Canyon Rd	Altadena	CA	N/A	Quarterly pick-ups - October thru March; Weekly pick-ups - April thru September	At this time, DBH plans to continue delivering all samples to the laboratory. In the future, any one of the listed locations may be used as a sample pick-up site.
	LA County Internal Services Department Headquarters	1102 N. Eastern Ave	Altadena	CA	91003	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	California Conservation Camp #14	35100 San Francisco Canyon	Action	CA	91340	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	Action Conservation Camp #11	8600 W. Soledad Canyon Rd	Action	CA	91340	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 89	1250 E. Fort Rd	Action	CA	91702	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 89	1250 E. Fort Rd	Action	CA	91702	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 89	1250 E. Fort Rd	Action	CA	91702	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 89	1250 E. Fort Rd	Action	CA	91702	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 89	1250 E. Fort Rd	Action	CA	91702	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 89	1250 E. Fort Rd	Action	CA	91702	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
LA County Fire Department	LA County Fire Station 89	1250 E. Fort Rd	Action	CA	91702	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 89	1250 E. Fort Rd	Action	CA	91702	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 89	1250 E. Fort Rd	Action	CA	91702	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 89	1250 E. Fort Rd	Action	CA	91702	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 89	1250 E. Fort Rd	Action	CA	91702	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 89	1250 E. Fort Rd	Action	CA	91702	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 89	1250 E. Fort Rd	Action	CA	91702	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 89	1250 E. Fort Rd	Action	CA	91702	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 89	1250 E. Fort Rd	Action	CA	91702	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
	LA County Fire Station 89	1250 E. Fort Rd	Action	CA	91702	Quarterly	11027 N. Del Sur St, San Francisco, CA 91340 may be used as an alternate
DPW Environmental Programs Division	The majority of EPD's scheduled sampling will be picked up within the boundaries of the following cities: Culver City, San Francisco, Beverly Hills, and Altadena			CA	90000-90002	Quarterly - EPD's scheduled sampling	As needed - EPD's non-scheduled sampling
	EPD's non-scheduled sampling will be picked up at various locations within the County of Los Angeles			CA	90000-90002	Quarterly - EPD's scheduled sampling	As needed - EPD's non-scheduled sampling
	EPD's non-scheduled sampling will be picked up at various locations within the County of Los Angeles			CA	90000-90002	Quarterly - EPD's scheduled sampling	As needed - EPD's non-scheduled sampling
	EPD's non-scheduled sampling will be picked up at various locations within the County of Los Angeles			CA	90000-90002	Quarterly - EPD's scheduled sampling	As needed - EPD's non-scheduled sampling
	EPD's non-scheduled sampling will be picked up at various locations within the County of Los Angeles			CA	90000-90002	Quarterly - EPD's scheduled sampling	As needed - EPD's non-scheduled sampling
	EPD's non-scheduled sampling will be picked up at various locations within the County of Los Angeles			CA	90000-90002	Quarterly - EPD's scheduled sampling	As needed - EPD's non-scheduled sampling
	EPD's non-scheduled sampling will be picked up at various locations within the County of Los Angeles			CA	90000-90002	Quarterly - EPD's scheduled sampling	As needed - EPD's non-scheduled sampling
	EPD's non-scheduled sampling will be picked up at various locations within the County of Los Angeles			CA	90000-90002	Quarterly - EPD's scheduled sampling	As needed - EPD's non-scheduled sampling
	EPD's non-scheduled sampling will be picked up at various locations within the County of Los Angeles			CA	90000-90002	Quarterly - EPD's scheduled sampling	As needed - EPD's non-scheduled sampling
	EPD's non-scheduled sampling will be picked up at various locations within the County of Los Angeles			CA	90000-90002	Quarterly - EPD's scheduled sampling	As needed - EPD's non-scheduled sampling
	EPD's non-scheduled sampling will be picked up at various locations within the County of Los Angeles			CA	90000-90002	Quarterly - EPD's scheduled sampling	As needed - EPD's non-scheduled sampling

CONFLICT OF INTEREST CERTIFICATION

I, _____

- ☐ sole owner
☐ general partner
☐ managing member
☐ President, Secretary, or other proper title) _____

of _____
Name of proposer

make this certification in support of a proposal for a contract with the County of Los Angeles for services within the scope of Los Angeles County Code, Section 2.180.010, which provides as follows:

Contracts Prohibited.

Notwithstanding any other section of this Code, the County shall not contract with, and shall reject any proposals submitted by, the persons or entities specified below, unless the Board of Supervisors finds that special circumstances exist which justify the approval of such contract.

1. Employees of the County or of public agencies for which the Board of Supervisors is the governing body;
2. Profit-making firms or businesses in which employees described in number 1 serve as officers, principals, partners, or major shareholders;
3. Persons who, within the immediately preceding 12 months, came within the provisions of number 1, and who:
 - (a) Were employed in positions of substantial responsibility in the area of service to be performed by the contract; or
 - (b) Participated in any way in developing the contract or its service specifications; and
4. Profit-making firms or businesses in which the former employees, described in number 3, serve as officers, principals, partners, or major shareholders.

Contracts submitted to the Board of Supervisors for approval or ratification shall be accompanied by an assurance by the submitting department, district or agency that the provisions of this section have not been violated.

I certify under penalty of perjury under the laws of California that the foregoing is true and correct.

Signed _____

Date _____

COMPLIANCE WITH FAIR CHANCE EMPLOYMENT HIRING PRACTICES CERTIFICATION

Company Name:		
Company Address:		
City:	State:	Zip Code:
Telephone Number:	Email Address:	
Solicitation/Contract for _____ Services		

PROPOSER/CONTRACTOR CERTIFICATION

The Los Angeles County Board of Supervisors approved a Fair Chance Employment Policy in an effort to remove job barriers for individuals with criminal records. The policy requires businesses that contract with the County to comply with fair chance employment hiring practices set forth in California Government Code Section 12952, Employment Discrimination: Conviction History (California Government Code Section 12952), effective January 1, 2018.

Proposer/Contractor acknowledges and certifies compliance with fair chance employment hiring practices set forth in California Government Code Section 12952, as indicated in Section 8.56 (Compliance with Fair Chance Employment Practices) of the Contract, and agrees that proposer/contractor and staff performing work under the Contract will be in compliance. Proposer/Contractor further acknowledges that noncompliance with fair chance employment practices set forth in California Government Code Section 12952 may result in rejection of any proposal, or termination of any resultant Contract, at the sole judgment of the County.

I declare under penalty of perjury under the laws of the State of California that the information herein is true and correct and that I am authorized to represent this company.

Print Name:	Title
Signature:	Date: