

**DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION**

Rev 1

New contract
 OTR
 CO
 SS
 BW
 Emergency

Previous Contract/Project No: 5869-0/18
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Re-Bld
 Other
 LIVING WAGE APPLIES: ___ YES NO

Requisition/Project No: RQID1700096 **TERM OF CONTRACT:** 5 Years with no option to renew

Requisition/Project Title: LABORATORY TESTING & SAMPLING SERVICES

Description: Miami Dade County is seeking the service of experienced State of Florida Department of Health certified laboratories to provide testing and sampling services to assist the Departments in meeting and maintaining compliance with Federal, State and Local regulations.

User Department(s): RER AND WASD

Issuing Department: INTERNAL SERVICES DEPARTMENT

Contact Person: MARTHA GAROFOLO **Phone:** 305-375-4265

Estimated Cost: \$ 2,835,000.00 **Funding Source:** PROPRIETARY

ANALYSIS

Commodity/Service No:	961-69	SIC:	
Trade/Commodity/Service Opportunities			
Contract/Project History of Previous Purchases For Previous Years Check Here <input type="checkbox"/> if this is a New Contract/Purchase with no Previous History			
		EXISTING	2ND YEAR
YEAR			
Contractor:			
Small Business Enterprise:			
Contract Value:			
Comments:			
Continued on another page (s): Yes No			

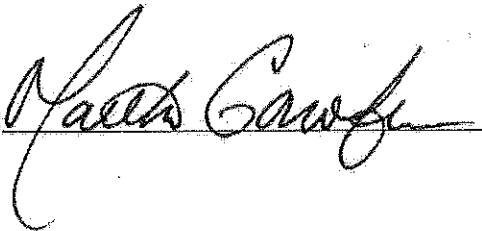
DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Rev 1

RECOMMENDATIONS

SBE	Set-Aside	Sub-Contractor Goal	Bid Preference	Selection Factor
		%		
		%		
		%		
		%		

Basis of Recommendation:

Signed: 

Date to SBD: 6/1/17

Date Returned to DPM: _____

SECTION 2 - SPECIAL TERMS AND CONDITIONS**2.1 PURPOSE**

Miami Dade County is seeking the service of experienced State of Florida Department of Health certified vendors to provide testing and sampling services to assist the County in meeting and maintaining compliance with Federal, State and Local regulations. This initial solicitation provides for the submission of documents and forms intended to verify that the vendor meets or exceeds the minimum criteria set forth elsewhere in this solicitation. All vendors which meet or exceed the criteria established in this solicitation shall be placed on a Pre-Qualification List in order to obtain price quotations for the subject provisions.

2.2 TERM OF CONTRACT

This contract shall commence on the first calendar day of the month succeeding approval of the contract by the Board of County Commissioners, or designee, unless otherwise stipulated in the Notice of Award Letter which is distributed by the County's Procurement Management Division, and contingent upon the completion and submittal of all required bid documents. The contract shall expire on the last day of the last month of the five (5) year period.

2.3 METHOD OF AWARD TO MULTIPLE VENDORS (LABORATORIES) BY GROUP

Award of this contract will be made to up to the two lowest priced responsive, responsible vendors on a group-by-group basis. Vendors may bid on any or all groups. To be considered for award, the vendor shall be a State of Florida Department of Health certified laboratory and offer prices for all items within a given group.

The County will then select the vendors for award for each group by totaling the unit prices for all of the items within each group. If a vendor fails to submit an offer for all items within the group, its offer for that specific group will be rejected.

While the method of award prescribes the method for determining the lowest responsive, responsible vendor, the County will award this contract to the designated lowest vendor as the primary vendor and will award this contract to the designated second lowest vendor as the secondary vendor respectively. If the County exercises this right, the primary vendor shall have the primary responsibility to initially perform the service or deliver the goods identified in this contract. If the primary vendor fails to perform it may be terminated for default and the County shall have the option to seek the identified goods or services from the secondary vendor. During the term of the contract, the County may also make award to the third lowest vendor as tertiary if the primary and secondary vendors do not perform.

Award to multiple vendors is made for the convenience of the County and does not exempt the primary vendor from fulfilling its contractual obligations. Failure of any vendor to perform in accordance with the terms and conditions of the contract may result in the vendor being deemed in breach of contract. The County may terminate the contract for default and charge the vendor re-procurement costs, if applicable.

If an awarded vendor subcontracts or uses a corporate laboratory to perform the work, such subcontractor or laboratory must also meet the certification requirements listed below for the awarded vendor (as applicable to the awarded group). Also, the awarded vendor must submit the required documentation to the

Internal Services Department (ISD) to verify compliance of the subcontractor or corporate laboratory as applicable. The submission of documents must be performed, and approval from the County must be obtained, prior to any services rendered by the subcontractor or corporate laboratory

Groups to be awarded are as follows:

Group (A) Generic Drinking Water

Group (B) Disinfection by Products

Group (C) Microbiology Specialized

Group (D) Radiological

Group (E) Generic Wastewater

Group (F) Whole Effluent Toxicity Testing

Group (G) Specialized Test

Vendor requirements are listed below, proof of requirements shall be provided in Section 4, of the bid submittal form for all groups as specified:

All Groups

- A. Vendor must have performed the services stipulated herein for a minimum of two years for the group they are bidding on.
- B. Vendor must have an online website which provides access to the Florida Department of Health (FDOH) approved National Environmental Laboratory Accreditation Conference (NELAC) Quality Manual. If the vendor does not have the ability to provide an online website, the vendor must supply a hardcopy of the aforementioned manual.
- C. The vendor must have a Florida Department of Health, Bureau of laboratories certification program certificate which indicates compliance with Florida Administrative Code 64E1.
- D. The vendor must have a Florida Department of Health, Laboratory's Scope of Accreditation list.
- E. Vendor must have at least two (2) recent sets of proficiency test (performance evaluation) sample results for Florida Department of Health laboratory certification/National Environmental Laboratory Accreditation Conference (NELAC) accreditation in accordance with the 2003 NELAC Standards Section 2.0.

Group A

- G. For Group A (Generic Drinking Water) only, vendor must have an actual sample of a complete set produced this calendar year of the FDEP Drinking Water Report forms (FAC, Chapter 62- 550.730) with all fields filled in (excluding client name to protect confidentiality).

Group C

- H. For Group C (Microbiology Specialized) only, vendor must have a Certification under the National Environmental Laboratory Accreditation Program (NELAP) for analysis of cryptosporidium, giardia and microscopic particulate analysis.

Group G

- I. For Group G (Specialized Tests) only, vendor must have an Environmental Protection Agency approval letter for certification as an approved Unregulated Contaminants Monitoring Rule 1, 2, and 3 Laboratory.
- J. For Group G (Specialized Tests) vendors shall provide an actual sample of a complete report showing the results for all the analysis in sub-item 5 of Group G, Section 4 (excluding client name to protect confidentiality). This report must include the reporting limits.

The following are official websites for further information pertaining to required certifications:

<http://www.nelac-institute.org/>
http://www.nelac-institute.org/standards.php?pab=1_1#pab1_1
<http://www.dep.state.fl.us/labs/dohforms.htm>
<http://www.dep.state.fl.us/water/drinkingwater/forms.htm>

The County may, at its sole discretion and in its best interest, allow the bidder(s) to complete, supplement, or supply the required documents during the bid evaluation period. Failure to provide all of the above contract requirements shall render the bidder proposal non-responsive.

2.5 PRICES SHALL BE FIXED AND FIRM FOR TERM OF CONTRACT

The initial contract prices resultant from this solicitation shall prevail for a one (1) year period from the contract's initial effective date. Prior to, or upon completion, of that initial term, the County may consider an adjustment to price based on changes in the following pricing index: Consumer Price Index, Wage Earners and Clerical Workers in the South, for All Items on a year-by-year basis. It is the vendor's responsibility to request any pricing adjustment under this provision. The vendor's request for adjustment should be submitted 90 days prior to expiration of the then current contract term.

The vendor adjustment request cannot be in excess of the relevant pricing index change. If no adjustment request is received from the vendor, the County will assume that the vendor has agreed that the subsequent contract term may be implemented without pricing adjustment. Any adjustment request received after the commencement of a new contract term may not be considered. The County reserves the right to reject any price adjustments submitted by the vendor and/or to not exercise any otherwise available contract terms based on such price adjustments. Continuation of the contract beyond the initial period is a County prerogative, and not a right of the vendor. This prerogative will be exercised only when such continuation is clearly in the best interest of the County.

2.6 INDEMNIFICATION AND INSURANCE **PENDING RISK MANAGEMENT TO REVIEW* 6/1/17

Vendor shall indemnify and hold harmless the County and its officers, employees, agents and instrumentalities from any and all liability, losses or damages, including attorneys' fees and costs of defense, which the County or its officers, employees, agents or instrumentalities may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature arising out of, relating to or resulting from the performance of this Agreement by the Vendor or its employees, agents, servants, partners principals or subcontractors. Vendor shall pay all claims and losses in connection therewith and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the County, where applicable, including appellate proceedings, and shall pay all costs, judgments, and attorney's fees which may issue thereon. Vendor expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by Vendor shall in no way limit the responsibility to indemnify, keep and save harmless and defend the County or its officers, employees, agents and instrumentalities as herein provided.

The Vendor shall furnish to the Internal Services Department / Procurement Management Services, 111 NW 1st Street, Suite 1300, Miami, Florida 33128, Certificate(s) of Insurance which indicate that insurance coverage has been obtained which meets the requirements as outlined below:

- A. Worker's Compensation Insurance for all employees of the Vendor as required by Florida Statute 440.
- B. Commercial General Liability Insurance on a comprehensive basis in an amount not less than \$300,000 combined single limit per occurrence for bodily injury and property damage. **Miami-Dade County must be shown as an additional insured with respect to this coverage.**
- C. Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the work, in an amount not less than \$300,000 combined single limit per occurrence for bodily injury and property damage.
- D. Professional Liability Insurance in an amount not less than \$1,000,000 per claim.

All insurance policies required above shall be issued by companies authorized to do business under the laws of the State of Florida, with the following qualifications:

The company must be rated no less than "B" as to management, and no less than "Class V" as to financial strength by Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey, or its equivalent, subject to the approval of the County Risk Management Division.

or

The company must hold a valid Florida Certificate of Authority as shown in the latest "List of All Insurance Companies Authorized or Approved to Do Business in Florida" issued by the State of Florida Department of Financial Services and are members of the Florida Guaranty Fund.

**CERTIFICATE HOLDER MUST READ: MIAMI-DADE COUNTY
111 NW 1st STREET
SUITE 2340
MIAMI, FL 33128**

Compliance with the foregoing requirements shall not relieve the vendor of his liability and obligation under this section or under any other section of this agreement.

The vendor shall submit a certificate of insurance within ten (10) business days after notification of recommendation to award. If certificate does not include the coverage's outlined in the terms and conditions of this solicitation, the vendor shall be given an additional five (5) business days to submit a corrected certificate to the County.

Failure of the vendor to provide the required certificate of insurance within fifteen (15) business days may result in the vendor being deemed non-responsible and the issuance of a new award recommendation. The vendor shall be responsible for assuring that the insurance certificate required in conjunction with this Section remain in force for the duration of the contractual period; including any and all option years that may be granted to the vendor in accordance with Section 2.5 of this solicitation.

If insurance certificates are scheduled to expire during the contractual period, the vendor shall be responsible for submitting new or renewed insurance certificates to the County at a minimum of thirty (30) calendar days in advance of such expiration. In the event that expired certificates are not replaced with new or renewed certificates which cover the contractual period, the County shall suspend the contract until such time as the new or renewed certificates are received by the County in the manner prescribed in the solicitation; provided, however, that this suspended period does not exceed thirty (30) calendar days. If such suspension exceeds thirty (30) calendar days, the County may, at its sole discretion, terminate this contract for cause and seek re-procurement damages from the vendor in accordance with Section 1.22 of this solicitation.

2.7 WORK ORDERS

The County reserves the right to also issue verbal orders to the awarded vendors. A written confirmation will follow within forty-eight (48) hours. In connection with the Services to be performed under each work order, the vendor shall furnish all necessary personnel, laboratory materials, supplies, and equipment, written instructions (describing sampling protocol), all services necessary for, or labor supervision, facilities, courier service and incidentals necessary for performing the testing and sampling required.

2.8 LICENSES, PERMITS AND FEES ALL GROUPS

The vendor shall obtain and pay for all licenses, permits and inspection fees required for this project; and shall comply with all laws, ordinances, regulations and building code requirements applicable to the work contemplated herein. Damages, penalties and or fines imposed on the County or the vendor for failure to obtain required licenses, permits or fines shall be borne by the vendor.

2.9 PURCHASE OF OTHER ITEMS NOT LISTED WITHIN THIS SOLICITATION BASED ON PRICE QUOTES

While the County has listed all major services and items within this solicitation which are utilized by County departments in conjunction with their operations, there may be similar services and items that must be purchased by the County during the term of this contract. Under these circumstances, a County representative will contact the primary vendor to obtain a price quote for the similar services or items.

If there are multiple vendors on the contract, the County representative shall also obtain price quotes from these vendors. The County reserves the right to award these similar items to the primary contract vendor, another contract vendor based on the lowest price quoted, or to acquire the items through another means.

2.10 EMERGENCY/ADDITIONAL TESTS

Upon request from the County, the vendor shall provide a written fee proposal for sample collection and/or sample analyses not listed in Bid Proposal Forms and/or for analyses listed in Bid Proposal Forms for which a different method, media, Method Detection Limit (MDL) or Practical Quantization Limit (PQL) is required. The County's work orders will specify, as applicable; the number of samples with the desired method, MDL and PQL to be collected per location, the estimated number of hours for sample collection, the required turn-around time, and the estimated maximum cost of authorized services. The vendor reserves the right to seek such services from other sources. The County will not be compensated for the preparation of any such fee proposal. If it is in the best interest of the County to accept the written fee proposal from the vendor, an order will be issued based on the proposed price.

SECTION 3 TECHNICAL SPECIFICATIONS

1. SCOPE OF WORK

Miami-Dade County is seeking the service of experienced State of Florida Department of Health (FDOH) certified vendors to provide testing and sampling services to assist the Departments in meeting and maintaining compliance with Federal, State and Local regulations and operating permits. The services will be provided in the following groups:

- GROUP (A) GENERIC DRINKING WATER
- GROUP (B) DISINFECTION BY PRODUCTS
- GROUP (C) MICROBIOLOGY SPECIALIZED
- GROUP (D) RADIOLOGICAL
- GROUP (E) GENERIC WASTEWATER
- GROUP (F) WHOLE EFFLUENT TOXICITY TESTING
- GROUP (G) SPECIALIZED TEST

Section 4, Bid Submittal provides the specific types of tests and methods required for each group.

The County operates three (3) regional water treatment plants and five (5) small satellite water plants with a total production of 330 million gallons daily. In addition, there are three (3) regional wastewater treatment facilities processing 320 million gallons daily.

Environmental regulations and operation permits require testing of water production wells, water treatment plants, monitoring wells and wastewater treatment plants for Biological, Radiological and Chemical Contaminants. Samples are routinely collected and analyzed by County, Water and Sewer Department staff. However, outside laboratories are contracted to perform analyses that are beyond the County's in-house capabilities. Laboratory testing and sampling services available through multiple laboratories will be requested on an as-needed basis, through a purchase order specifying the test, time of completion, and specific compensation for the particular requirement.

3.2 RESPONSIBILITIES OF THE CONTRACTED VENDOR

The awarded vendors shall:

1. Analyze samples for various analytes as specified in purchase orders submitted by Miami-Dade County departments.
2. Perform the analyses for individual analytes and analyte groups in accordance with approved regulatory methods, Method Detection Limits (MDLs), Minimum Required Limits (MRLs), and Regulatory Detection Limits (RDLs) as specified in Table 1.

3. Provide FDOH on-site evaluation reports and current results of Proficiency Test (PT) samples when requested.
4. Upon 48 hours' notice by the County, awarded vendor shall allow inspection of its laboratory facility(ies) during normal working hours (8:00am to 5:00pm) by the County representative or designee.
5. Maintain FDOH Certification for all analytes monitored for regulatory compliance and adhere to all of the criteria in the laboratory's FDOH approved NELAC Quality Manual throughout the term of the contract.
6. Provide all necessary sample collection supplies for awarded group.
7. Maintain at all times an adequate staff of qualified personnel assigned to perform and report the laboratory analyses to ensure the timely reporting of the analyses for the duration of the contract.

3.3 **SAMPLING AND SAMPLE CONTAINERS**

Awarded vendors shall provide all labor, material, supplies, equipment and facilities necessary for satisfactory performance of laboratory testing and sampling service as requested by the County. Services when requested, shall comply with environmental regulations, safety/security policies and operation permits of County facilities.

Awarded vendors shall provide pre-labeled/cleaned, sample containers with pre-measured amounts of the chemical preservation specified in 40 CFR, Part 141, Subpart C, 40 CFR Part 136, Table II, and DEP-SOP-001/01. The containers are to be constructed of appropriate material as defined in the references cited. The awarded vendor is to ship or deliver sample containers to locations designated by the County at no additional cost to the County.

All required chain of custody forms, sample collection instructions, and labels shall be provided by the awarded vendor in accordance with FDOH/NELAC requirements.

Groups A, B, and E

Sample pick-up service must be provided by the awarded vendor seven (7) days per week from any of the designated County facilities at no additional cost to the County. Such pick-up and transport of samples is to be carried out expeditiously to ensure that the samples are analyzed before the expiration of sample holding times specified in 40 CFR, Part 141, Subpart C, 40 CFR Part 136, Table II, and DEP-SOP-001/01. The County will not be responsible for any retesting costs resulting from holding time exceedances incurred by the awarded vendor and will require compensation by the awarded vendor. Required compensation will consist of 2 additional analyses at no charge for the parameter or parameter groups for which the holding time was exceeded.

Groups C, D, F, and G

The cost of shipping and handling for collected samples on Groups C, D, F, and G shall be borne by Miami-Dade County.

Samples will be collected by Miami-Dade County personnel in accordance with DEP-SOP-001/01. No compositing of samples will be allowed by the awarded vendor unless authorized by the County. Such laboratories shall provide sample collection services in accordance with DEP-SOP-001/01.

3.4 DATA VALIDATION BY THE COUNTY

In addition to following all data quality and validation requirements in the NELAC standards, the awarded vendor may be subject to the following data quality check by the County.

The County may submit duplicate or blind samples for analysis to validate analytical performance and data quality by the laboratory.

Should values on these samples vary from the known values, the data validation test would be considered a failure.

Upon County notification, the awarded vendor (laboratory) shall re-analyze the samples in question at no cost to the County. Should results differ after re-analysis, the County reserves the right to refuse payment for all samples analyzed for the parameter(s) failing the data validation test.

The County has the option to utilize the secondary or another vendor to analyze samples split with the primary awarded vendor.

3.5 REPORT DELIVERY

Laboratory data shall be reported in the Department specified paper format and/or in an electronic format (which may be amended from time to time) meeting Department requirements for importing into Department databases or for other electronic submission requirements.

Group A – Generic Drinking Water

Final reports shall be submitted to the using Department within seven (7) calendar days after receipt of samples.

Groups B, C, D, E, F and G

Final reports shall be submitted to the using department within fourteen (14) calendar days after receipt of samples. Use of corporate, out of State, or subcontract laboratories does not exempt the awarded vendor of this requirement.

Reports for drinking water analyses used for regulatory submittals must be prepared on the standard Florida Department of Environmental Protection (FDEP) report form in accordance with FDEP Chapter 62-550.730 with data qualifier codes as specified in FAC, Chapter 62-160. All other reports shall conform to reporting requirements in FAC, Chapter 62-160.

The format of reporting or timeframe, if different from the above, shall be specified in the work order based on changes by the applicable regulatory agency.

3.6 ORGANIZATIONAL STRUCTURE

Awarded vendors shall adhere to "Personnel" requirements set forth in Section 5.5.2 of the "National Environmental Laboratory Accreditation Conference (NELAC) Quality Systems Manual" which contains the NELAC standards, organized according to the Environmental Protection Agency's guidance.

Refer to the referenced website for further information:

http://catalystinforesources.com/catalystinforesources.com/Quality_Manual/body_quality_manual.html

3.7 AUDITS/ACCESS TO RECORDS

Upon request by the County, the awarded vendor shall provide, at no additional cost, copies of quality control data, including but not limited to: control charts or limits, chromatograms, duplicate/spike/standard analysis, instrument calibrations and quality control charts for accuracy and precision. The awarded vendor shall maintain records during performance of the service under this agreement and for three (3) years following the completion of the service. The County or any of its authorized representatives shall have access to all records and other evidence for the purpose of inspection, audit and copying during normal business hours without charge. The awarded vendor shall provide facilities for such access and inspection.

3.8 INDEPENDENT LABORATORY

The awarded vendor shall perform all services described herein as an independent contractor and not as an officer, agent, servant, or employee of the County. The laboratory shall have exclusive control of, and the exclusive right to control, the details of the services performed hereunder in accordance with the terms of this contract and all persons performing the same. The laboratory shall be responsible for any omissions of its officers, agent's employee and subcontractors.

Nothing herein shall be construed as creating a partnership or joint venture between the County and laboratory. No person performing any of the work or services described hereunder shall be considered an officer, agent, servant or employee of the County, nor shall any person be entitled to any benefits available or granted to employees of the County.

3.9 SUBCONTRACTOR

Any subcontractor used shall meet all of the requirements of this contract. Analyses performed by these laboratories shall be clearly indicated in the final analytical report to the County. The subcontracted laboratories shall perform not more than 10% of the total analyses submitted by the County. This does not apply to a branch laboratory owned and operated by the awarded vendor.

3.10 ADDITIONAL REQUIREMENTS FOR GROUP G

1. Vendors bidding this group must perform all analyses in the entire group in-house. No subcontracting is allowed.
2. The awarded vendor must follow all of the requirements of the Unregulated Contaminant Monitoring Regulation 3 (UCMR 3) pertaining to laboratory certification, QA/QC, minimum reporting levels, sample collection, and data reporting. Refer to 40 CFR Part 141, Federal Register/Vol. 76, No. 42/ March 3, 2011.
3. The awarded vendor must be approved to perform the testing for all chemical contaminants on Assessment Monitoring List 1 and List 2 of the UCMR 3; using the 7 EPA approved analytical methods. No subcontracting is allowed.
4. The awarded vendor must be registered as an active user on the USEPA CDX\SDWARS\UCMR 2 internet based reporting system.
5. It is the responsibility of the awarded vendor performing the analyses to post the data to the Safe Drinking Water Accession and Review System (SDWARS).

The awarded vendor must post occurrence data, and required QC data electronically via SDWARS within 120 days of the sample collection date.

6. The awarded vendor must adhere to quality assurance/quality control (QA/QC) procedures and criteria outlined in the method(s) and rule language during the course of this contract.
7. The awarded vendor must provide all sampling bottles with appropriate preservatives, labels, sample collection instructions, chain of custody forms and shipping containers (aka sample kits). MDWASD laboratory personnel will collect the samples.
8. Sample collection kits shall be delivered to the Alexander Orr WTP Plant Storeroom at 6800 SW 87 Avenue, Miami, Florida, 33173.
9. The awarded vendor must analyze all samples within the required holding times specified by the analytical methods.
10. The vendor must meet all of the reporting limits specified for all Group G parameters listed in the table under Group G-Specialized Tests, in Section 4 of this bid document.
11. The vendor must provide an actual sample of a complete report showing the results for all of the analyses for tests performed for Group 5, Specialized Tests, Sub-item 5, Pharmaceuticals, Hormones and Personal Care Products as further described in Section 4, Bid Form (excluding client name to protect confidentiality). This report must include the reporting limits.

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SECTION 4 VENDOR REQUIREMENTS

Per Section 2, Paragraph 2.3, award of this contract will be made to the responsive, responsible vendors who meet the following minimum qualifications:

Section 2 Special Conditions	Requirements for Groups A through G
<p>Section 2, Paragraph 2.3.1-A</p>	<p>Bidder must have performed the services stipulated herein for a minimum of two years for each of the groups bidding on. A minimum of two references must be submitted as proof of experience. The references listed must be customers for whom the bidder has provided the services described in this solicitation prior to the bid opening date. The two references combined must serve of proof of experience for the past two years.</p> <p>Name: _____</p> <p>Title: _____</p> <p>Address: _____</p> <p>Phone No.: _____</p> <p>Project Start Date: _____ Project End Date: _____</p> <p>Description of Work Performed:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Name: _____</p> <p>Title: _____</p> <p>Address: _____</p> <p>Phone No.: _____</p> <p>Project Start Date: _____ Project End Date: _____</p> <p>Description of Work Performed:</p> <p>_____</p> <p>_____</p> <p>_____</p>

<p>Section 2, Paragraph 2.3.1-B</p>	<p>The bidder shall submit an online website which provides access to the Laboratory's Florida Department of Health (FDOH) approved National Environmental Laboratory Accreditation Conference (NELAC) Quality Manual. If the bidder does not have the ability to provide an online website, the County will accept the actual manual.</p>
<p>Section 2, Paragraph 2.3.1-C</p>	<p>The bidder shall submit a copy of the laboratory's current Florida Department of Health, Bureau of laboratories certification program certificate which indicates compliance with Florida Administrative Code 64E1.</p>
<p>Section 2, Paragraph 2.3.1-D</p>	<p>The bidder shall submit a copy of the laboratory's current Florida Department of Health, Laboratory's Scope of Accreditation list.</p>
<p>Section 2, Paragraph 2.3.1-E</p>	<p>The bidder shall submit at least two (2) sets of proficiency test (performance evaluation) sample results for Florida Department of Health laboratory certification/National Environmental Laboratory Accreditation Conference (NELAC) accreditation in accordance with the 2003 NELAC Standards Section 2.0.</p>
<p>Additional Requirements for Groups A, C and G</p>	
<p>Section 2, Paragraph 2.3.1-G</p>	<p>For Group A (Generic Drinking Water) only, the bidder shall submit an actual sample of a complete set produced this calendar year of the FDEP Drinking Water Report forms (FAC, Chapter 62- 550.730) with all fields filled in (excluding client name to protect confidentiality)</p>
<p>Section 2, Paragraph 2.3.1-H</p>	<p>For Group C (Microbiology Specialized) only, bidder shall submit proof of Certification under the National Environmental Laboratory Accreditation Program (NELAP) for analysis of cryptosporidium, giardia and microscopic particulate analysis.</p>
<p>Section 2, Paragraph 2.3.1-I</p>	<p>For Group G (Specialized Tests) only, bidder shall submit the Environmental Protection Agency approval letters for certification as an approved Unregulated Contaminants Monitoring Rule 1, 2, 3, and 4 Laboratory.</p>
<p>Section 2, Paragraph 2.3.1-J</p>	<p>For Group G (Specialized Tests) only, bidder shall submit an actual sample of a complete report showing the results for all of the analyses in sub-item 5 of Group G, Section 4 (excluding client name to protect confidentiality). This report must include the reporting limits.</p>

Failure to provide all of the above contract requirements may render the bidder proposal non-responsive. The County may allow documentation to be submitted during the evaluation period.

SECTION 4 BID SUBMITTAL FORM

Group A - Generic Drinking Water

ITEM #	EST. QTY:	PARAMETER WITH MDL, MRL, or RDL	TEST METHOD	UNIT PRICE PER TEST
1	50	<p><u>COMPLETE PRIMARY AND SECONDARY DRINKING WATER PACKAGE (excluding asbestos, dioxin, microbiology, and radionuclides)</u></p> <p>Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143</p>	<p>Methods Referenced in July 1, 2016, 40 CFR, 141.23, 141.24, 141.131, and 143.4</p>	\$
2	50	<p><u>PRIMARY DRINKING WATER METALS GROUP - FDEP 62-550.310(1)(a) Table 1</u></p> <p>Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Lead, Mercury, Nickel, Selenium, Sodium, Thallium</p> <p>Must meet detection limits defined in July 1, 2016, 40 CFR, 141.23</p>	<p>Methods Referenced in July 1, 2016, 40 CFR, 141.23</p>	\$

PRIMARY AND SECONDARY DRINKING WATER INDIVIDUAL METALS - FDEP 62-550.310(1)(a), Table 1 and FDEP 62-550.320(1), Table 6

ITEM #	EST. QTY:	PARAMETER WITH MDL, MRL, or RDL	TEST METHOD	UNIT PRICE PER TEST
3	50	<p>ALUMINUM</p> <p>Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143</p>	<p>Methods Referenced in July 1, 2016, 40 CFR, 143.4</p>	\$
4	50	<p>ANTIMONY</p> <p>Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143</p>	<p>Methods Referenced in July 1, 2016, 40 CFR, 141.23</p>	\$
5	50	<p>ARSENIC</p> <p>Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143</p>	<p>Methods Referenced in July 1, 2016, 40 CFR, 141.23</p>	\$
6	50	<p>BARIUM</p> <p>Must meet detection limits defined in July 1, 2016, 40 CFR,</p>	<p>Methods Referenced in July 1, 2016, 40 CFR, 141.23</p>	\$

		141 and 143		
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7	50	BERILLIUM Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143	Methods Referenced in July 1, 2016, 40 CFR, 141.23	\$
8	50	CADMIUM Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143	Methods Referenced in July 1, 2016, 40 CFR, 141.23	\$
9	100	COPPER Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143	Methods Referenced in July 1, 2016, 40 CFR, 141.23	\$
10	50	CHROMIUM (Total) Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143	Methods Referenced in July 1, 2016, 40 CFR, 141.23	\$
11	50	IRON Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143	Methods Referenced in July 1, 2016, 40 CFR, 143.4	\$
12	100	LEAD Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143	Methods Referenced in July 1, 2016, 40 CFR, 141.23	\$
13	50	MANGANESE Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143	Methods Referenced in July 1, 2016, 40 CFR, 143.4	\$
14	50	MERCURY Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143	Methods Referenced in July 1, 2016, 40 CFR, 141.23	\$
15	50	NICKEL Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143	Methods Referenced in July 1, 2016, 40 CFR, 141.23	\$
16	50	SELENIUM Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143	Methods Referenced in July 1, 2016, 40 CFR, 141.23	\$
17	50	SILVER Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143	Methods Referenced in July 1, 2016, 40 CFR, 143.4	\$
18	500	SODIUM	Methods Referenced in July 1, 2016,	\$

		Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143	40 CFR, 141.23	
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19	50	THALLIUM Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143	Methods Referenced in July 1, 2016, 40 CFR, 141.23	\$
20	50	ZINC Must meet detection limits defined in July 1, 2016, 40 CFR, 141 and 143	Methods Referenced in July 1, 2016, 40 CFR, 143.4	\$

OTHER INDIVIDUAL INORGANICS – FDEP 62-550.310(1)(a) TABLE 1

ITEM #	EST. QTY:	PARAMETER WITH MDL, MRL, or RDL	TEST METHOD	UNIT PRICE PER TEST
21	50	NITRATE Must meet detection limits defined in July 1, 2016, 40 CFR, 141	Methods Referenced in July 1, 2016, 40 CFR, 141.23	\$
22	50	NITRITE Must meet detection limits defined in July 1, 2016, 40 CFR, 141	Methods Referenced in July 1, 2016, 40 CFR, 141.23	\$
23	50	NITRATE + NITRITE Must meet detection limits defined in July 1, 2016, 40 CFR, 141	Methods Referenced in July 1, 2016, 40 CFR, 141.23	\$
24	50	FLOURIDE Must meet detection limits defined in July 1, 2016, 40 CFR, 141	Methods Referenced in July 1, 2016, 40 CFR, 141.23	\$
25	50	CYANIDE (as free cyanide) Must meet detection limits defined in July 1, 2016, 40 CFR, 141	Methods Referenced in July 1, 2016, 40 CFR, 141.23	\$
26	30	ASBESTOS Must meet detection limits defined in July 1, 2016, 40 CFR, 141	Methods Referenced in July 1, 2016, 40 CFR, 141.23	\$
27	30	PHENOLS - DERM CHAPT. 24-43.3 Proven method performance via method specific protocol- must show in QA manual Requires MDL of 0.001 mg/L	EPA 420.1 or 420.2	\$
28	50	TOTAL THMS GROUP, FDEP 62-550.310(3), Table 3 Chloroform, Bromodichloromethane, Dibromochloromethane, Bromoform	EPA 524.3, 524.4 as referenced in July 1, 2016, 40 CFR, 141.131	\$

ITEM #	EST. QTY:	PARAMETER WITH MDL, MRL, or RDL	TEST METHOD	UNIT PRICE PER TEST
		Proven method performance via method specific protocol-must show in QA manual		
29	50	VOLATILE ORGANIC COMPOUNDS GROUP - FDEP 62-550.310(4)(a), Table 4 1,1-Dichloroethylene 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloropropane 1,2,4-Trichlorobenzene Benzene Carbon tetrachloride cis-1,2-Dichloroethylene Dichloromethane Ethylbenzene Monochlorobenzene o-Dichlorobenzene para-Dichlorobenzene Styrene Tetrachloroethylene Toluene trans-1,2-Dichloroethylene Trichloroethylene Vinyl chloride Xylenes (total) Proven method performance via method specific protocol-must shown in QA manual	Methods Referenced in July 1, 2016, 40 CFR, 141.24	\$
30	50	SYNTHETIC ORGANIC CONTAMINANTS GROUP - FDEP 62-550.310(4)(b), Table 5 2,4-D 0.0001 mg/L 2,4,5-TP (Silvex) 0.0002 mg/L Alachlor 0.0002 mg/L Atrazine 0.0001 mg/L Benzo(a)pyrene 0.00002 mg/L Carbofuran 0.0009 mg/L Chlordane 0.0002 mg/l Dalapon 0.001 mg/L	Methods Referenced in July 1, 2016, 40 CFR, 141.24	

		Di(2-ethylhexyl)adipate 0.0006 mg/L Di(2-ethylhexyl)phthalate 0.0006 mg/L Dibromochloropropane(DBCP) 0.00002 mg/L Dinoseb 0.0002 mg/L Diquat 0.0004 mg/L Endothall 0.009 mg/L Endrin 0.00001 mg/L Ethylene dibromide (EDB) 0.00001 mg/L Glyphosate 0.006 mg/L Heptachlor 0.00004 mg/L Heptachlor epoxide 0.00002 mg/L Hexachlorobenzene 0.0001 mg/L Hexachlorocyclopentadiene 0.0001 mg/L Lindane 0.00002 mg/L Methoxychlor 0.0001 mg/L Oxamyl(vydate) 0.002 mg/L Pentachlorophenol 0.00004 mg/L Picloram 0.0001 mg/L Polychlorinated biphenyls (PCBs) 0.0001 mg/L Simazine 0.00007 mg/L Toxaphene 0.001 mg/L		\$
31	30	OTHER SYNTHETIC ORGANICS GROUP Aldicarb, Aldicarb sulfoxide, Aldicarb sulfone Proven method performance via method specific protocol- must show in QA manual	EPA 531.1	\$
32	3	DIOXIN (2,3,7,8-TCDD) - FDEP 62-550.310(4)(b), Table 5 Must meet Regulatory Detection Limit of 5X10-9 mg/L	Methods Referenced in July 1, 2016, 40 CFR, 141.24	\$
33	50	SECONDARIES GROUP - FDEP 62-550.320(1), Table 6 Aluminum, Chloride, Color, Fluoride, Foaming Agents, Iron, Manganese, odor, pH, Silver, Sulfate, Total Dissolved Solids, Zinc Proven method performance via method specific protocol- must show in QA manual	Methods Referenced in July 1, 2016, 40 CFR, 143.4	\$

SECONDARY DRINKING WATER INDIVIDUAL NON-METAL PARAMETERS - FDEP 62-550.320(1), Table 6

34	50	CHLORIDE Proven method performance via method specific protocol- must show in QA manual	Methods Referenced in July 1, 2016, 40 CFR, 143.4	\$
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35	50	COLOR Proven method performance via method specific protocol- must show in QA manual	Methods Referenced in July 1, 2016, 40 CFR, 143.4	\$
36	50	FOAMING AGENTS Proven method performance via method specific protocol- must show in QA manual	Methods Referenced in July 1, 2016, 40 CFR, 143.4	\$
37	50	ODOR Proven method performance via method specific protocol- must show in QA manual	Methods Referenced in July 1, 2016, 40 CFR, 143.4	\$
38	50	pH Proven method performance via method specific protocol- must show in QA manual	Methods Referenced in July 1, 2016, 40 CFR, 143.4	\$
39	50	SULFATE Proven method performance via method specific protocol- must show in QA manual	Methods Referenced in July 1, 2016, 40 CFR, 143.4	\$
40	50	TOTAL DISSOLVED SOLIDS Proven method performance via method specific protocol- must show in QA manual	Methods Referenced in July 1, 2016, 40 CFR, 143.4	\$

GROUP B-DISINFECTION BYPRODUCTS

ITEM #	EST. QTY:	PARAMETER WITH MDL, MRL, or RDL	TEST METHOD	UNIT PRICE PER TEST
1	30	BROMATE Proven method performance via method specific protocol- must show in QA manual	EPA 300.	\$
2	30	CHLORATE Proven method performance via method specific protocol- must show in QA manual	EPA 300.	\$

3	30	CHLORITE Proven method performance via method specific protocol- must show in QA manual	EPA 300.0, 300.1, SM4500-CIO2 E, 19th ed. as referenced in 40 CFR, 141.131	\$
4	30	BROMIDE Proven method performance via method specific protocol- must show in QA manual	EPA 300.1	\$
5	30	HALOACETONITRILES GROUP Dichloroacetonitrile, Trichloroacetonitrile, Bromochloroacetonitrile, Dibromoacetonitrile, Chloropicrin, 1, 1-Dichloropropanone, 1, 1, 1-Trichloropropanone Proven method performance via method specific protocol- must show in QA manual	EPA 551.1	\$
6	50	HALOACETIC ACIDS GROUP Monochloroacetic Acid, Dichloroacetic Acid, Trichloroacetic Acid, Monobromoacetic Acid, Dibromoacetic Acid, Bromochloroacetic Acid, Bromodichloroacetic Acid, Chlorodibromoacetic Acid, Tribromoacetic Acid Proven method performance via method specific protocol- must show in QA manual	EPA 552.1, 552.2, SM6251B, 19th ed. as referenced in 40 CFR, 141.131	\$
7	30	CHLORAL HYDRATE Proven method performance via method specific protocol- must show in QA manual	EPA 551.1	\$
8	30	CYANOGEN CHLORIDE Proven method performance via method specific protocol- must show in QA manual	EPA 524.2 Modified	\$
9	30	TOTAL ORGANIC CARBON Proven method performance via method specific protocol- must show in QA manual	5310 B, C, or D	\$
10	30	TOTAL ORGANIC HALIDES Proven method performance via method specific protocol- must show in QA manual	5320 B, SM 19TH ED.	\$
11	30	UV ABSORBANCE AT 254 NM. Proven method performance via method specific protocol- must show in QA manual	SM 5910, 19TH ED.	\$

GROUP C MICROBIOLOGY SPECIALIZED

ITEM #	EST. QTY:	PARAMETER WITH MDL, MRL, or RDL	TEST METHOD	UNIT PRICE PER TEST
1	30	CRYPTOSPORIDIUM/GIARDIA MDL as defined in method	Method 1623 (EPA-821-R-01-025)	\$
2	30	MICROSCOPIC PARTICULATE ANALYSIS (MPA) MDL as defined in method	EPA Consensus Method EPA 910/9-92-029	\$
3	30	ENTEROVIRUSES <0.1 MPN/L	ICR Protozoan Method EPA 600/R-95/178, April 1996	\$
4	30	LEGIONELLA MDL as defined in method	9260-J, St. Me, 18th Ed.	\$
5	30	ALGAE ENUMERATION No MDL	10200, St. Me, 18th Ed. No MDL	\$
6	30	ALGAE IDENTIFICATION No MDL	10900, St. Me, 18th Ed. No MDL	\$
7	30	IRON BACTERIA IDENTIFICATION No MDL	9240, St. Me, 18th Ed. No MDL	\$

GROUP D-RADIOLOGICAL

ITEM #	EST. QTY:	PARAMETER WITH MDL, MRL, or RDL	TEST METHOD	UNIT PRICE PER TEST
1	30	GROSS ALPHA Detection Limit defined in 40CFR, Section 141.25	July 1, 2016, 40CFR, Section 141.25	\$
2	30	GROSS BETA Detection Limit defined in 40CFR, Section 141.25	July 1, 2016, 40CFR, Section 141.25	\$
3	30	TOTAL URANIUM	July 1, 2016, 40CFR,	\$

		Detection Limit defined in 40CFR, Section 141.25	Section 141.25	
4	30	TOTAL RADIUM Detection Limit defined in 40CFR, Section 141.25	July 1, 2016, 40CFR, Section 141.25	\$

5	30	RADIUM-226 Detection Limit defined in 40CFR, Section 141.25	July 1, 2016, 40CFR, Section 141.25	\$
6	30	RADIUM-228 Detection Limit defined in 40CFR, Section 141.25	July 1, 2016, 40CFR, Section 141.25	\$
7	30	STRONTIUM 90 Detection Limit defined in 40CFR, Section 141.25	July 1, 2016, 40CFR, Section 141.25	\$
8	30	TRITIUM Detection Limit defined in 40CFR, Section 141.25	July 1, 2016, 40CFR, Section 141.25	\$
9	30	RADON Proven method performance via method specific protocol- must show in QA manual	EPA/600/2-87/082, SM 7500-Rn, ASTM D5072 -92	\$

GROUP E-GENERIC WASTEWATER

ITEM #	EST. QTY:	PARAMETER WITH MDL, MRL, or RDL	TEST METHOD	UNIT PRICE PER TEST
1	100	<u>EPA 503 SLUDGE RULE LIST GROUP - SOLIDS MATRIX</u> Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Molybdenum, Nickel, Potassium, Selenium, Thallium, Zinc, pH, percent results for K, Solids, Total Nitrogen, Total Phosphorous Proven method performance via method specific protocol- must show in QA manual	Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846.	\$

GENERAL CATEGORY

ITEM #	EST. QTY:	PARAMETER WITH MDL, MRL, or RDL	TEST METHOD	UNIT PRICE PER TEST
2	1000	ALKALINITY Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
3	50	CALCIUM Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$

4	1000	CHLORIDE Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
5	50	DISSOLVED OXYGEN Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
6	1000	FILTERABLE RESIDUE (TDS) Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
7	100	HARDNESS Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
8	1000	NON-FILTERABLE RESIDUE (TSS) Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
9	100	OIL AND GREASE Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
10	600	PH Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
11	50	POTASSIUM Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
12	50	SILICON Proven method performance via method specific protocol- must show in QA manual	200.7 - 6010 - SM4500Si	\$
13	1000	SPECIFIC CONDUCTANCE Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
14	1000	SULFIDE Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
15	600	SULFATE Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
		TOTAL RESIDUE (TOTAL SOLIDS)		\$

16	1000	Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	
17	100	TOTAL RESIDUAL CHLORINE Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
18	300	TURBIDITY Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
19	1000	VOLATILE RESIDUE Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
NUTRIENTS AND DEMANDS				
20	1000	AMMONIA NITROGEN Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
21	1000	CARBANACEOUS BIOCHEMICAL OXYGEN DEMAND Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
22	300	CHEMICAL OXYGEN DEMAND Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
23	1000	FIVE DAY BIOCHEMICAL OXYGEN Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
24	300	NITRATE Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
25	300	NITRITE Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
26	300	NITRATE+NITRITE NITROGEN Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
27	1000	ORTHOPHOSPHATE PHOSPHORUS Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
28	1000	TOTAL KJELDAHL NITROGEN (TKN) Proven method performance via method specific protocol-	July 1, 2016, 40 CFR, PART 136.3	\$

		must show in QA manual		
29	1000	TOTAL PHOSPHORUS Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$

<u>MICROBIOLOGY</u>				
30	500	FECAL COLIFORM (MF) Proven method performance via method specific protocol- must show in QA manual	SM9222D	\$
31	200	FECAL COLIFORM (MPN) Proven method performance via method specific protocol- must show in QA manual	SM9221C	\$
32	300	FECAL COLIFORM IN SOILS/SLUDGE TO ESTABLISH COMPLIANCE WITH EPA PART 503 Proven method performance via method specific protocol- must show in QA manual	SM9221E, FECAL MPN. FOLLOWING APPENDIX F FOR "SAMPLE PREPARATION FOR FECAL COLIFORM TESTS" EPA/625/R-92/013	\$
33	200	TOTAL COLIFORM (MF) Proven method performance via method specific protocol- must show in QA manual	SM9222B	\$
34	200	TOTAL COLIFORM (MPN) Proven method performance via method specific protocol- must show in QA manual	SM9221B	\$
35	200	TOTAL COLIFORM Proven method performance via method specific protocol- must show in QA manual	SM9223, ONPG-MUG	\$
36	100	ENTEROCOCCI Proven method performance via method specific protocol- must show in QA manual	SM9230D, EPA 1600	\$
37	100	HETEROTROPHIC PLATE COUNT (HPC) - POUR PLATE Proven method performance via method specific protocol- must show in QA manual	SM 9215B	\$
38	100	HETEROTROPHIC PLATE COUNT (HPC) - MEMBRANE FILTER Proven method performance via method specific protocol- must show in QA manual	SM 9215D	\$

OTHER SPECIAL TESTS

39	30	PAINT FILTER LIQUIDS TEST Proven method performance via method specific protocol- must show in QA manual	EPA 9095	\$
40	30	FLORIDA PETROLEUM RESIDUAL ORGANICS Proven method performance via method specific protocol- must show in QA manual	FL-PRO	\$
41	30	DIESEL RANGE ORGANICS Proven method performance via method specific protocol- must show in QA manual	8015B	\$
42	30	BTEX + NAPHTHALENE Proven method performance via method specific protocol- must show in QA manual	EPA 624 or 8270	\$
43	100	ORGANIC AND VOLATILE ACIDS Proven method performance via method specific protocol- must show in QA manual	SM5560B	\$
44	50	TOTAL ORGANIC CARBON Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
45	30	PRIORITY POLLUTANTS - SEE LIST IN 40 CFR, PART 122, APPENDIX D, TABLE II AND III Proven method performance via method specific protocol- must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
46	30	TCLP - COMPLETE - INCLUDES EXTRACTION, METALS, VOLATILES, SEMIVOLATILES, AND HERBICIDES ANALYSES Proven method performance via method specific protocol- must show in QA manual	EPA 1310 AND 1311, 40 CFR, 261, MARCH 29, 1990, VOL. 55, NO. 61	\$
47	30	MINIMUM CRITERIA GROUNDWATER MONITORING PARAMETERS GROUP Inorganics: Ammonia, Nitrogen (organic), Orthophosphate (soluble), Phosphorous, Total Kjeldahl Nitrogen. Volatile Organics: Chloroethane, Chloroform, para- Dichlorobenzene, 1, 2-Dichloroethylene. Base/Neutral Organics: Anthracene, Butylbenzylphthalate, Dimethylphthalate, Naphthalene, Phenanthrene. Pesticides & PCBs: Aldrin, Dieldrin, Dioxin (screen). Acid	July 1, 2016, 40 CFR, PART 136.3	\$

		Extractables: 2-chlorophenol, Phenol, 2, 4, 6-trichlorophenol. Other: Conductivity, Biological Oxygen Demand, Temperature. Proven method performance via method specific protocol-must show in QA manual		
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48	30	POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) GROUP Acenaphthylene , Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo-(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Dibenzo-(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Phenanthrene Proven method performance via method specific protocol-must show in QA manual	July 1, 2016, 40 CFR, PART 136.3	\$
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GROUP F - WHOLE EFFLUENT TOXICITY TESTING

ITEM #	EST. QTY:	PARAMETER WITH MDL, MRL, or RDL	TEST METHOD	UNIT PRICE PER TEST
1	50	ACUTE WHOLE EFFLUENT TOXICITY USING MYSID SHRIMP AND INLAND SILVERSIDE Follow all QA and acceptability criteria in accordance with EPA-821-R-02-012	METHODS FOR MEASURING THE ACUTE TOXICITY OF EFFLUENTS AND RECEIVING WATERS TO FRESHWATER AND MARINE ORGANISMS, 5th EDITION, EPA-821-R-02-012, Method 2006.0.	\$
2	50	CHRONIC TOXICITY USING AMERICA MYSIDOPSIS BAHIA AND MENIDIA BERYLLINA Follow all QA and acceptability criteria in accordance with EPA-821-R-02-14	Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Marine and Estuarine Organisms, 3rd Edition, EPA-821-R-02-014. The control water/dilution water shall be prepared with artificial sea salts as described in EPA-821-R-02-014, Section 7.2., or with hypersaline brine as described in Section 7.3.5. The control/dilution water shall be prepared with the same artificial sea salts or hypersaline brine that is	\$

			used to adjust the salinity of the effluent. Methods 1006.0 and 1007.0.	
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GROUP G – SPECIALIZED TESTS				
ITEM #	EST. QTY:	PARAMETER WITH MDL, MRL, or RDL	TEST METHOD WITH REQUIRED REPORTING LIMIT	UNIT PRICE PER TEST
1	30	PERCHLORATE Proven method performance via method specific protocol- must show in QA manual	EPA 314.0, 314.1, 331.0 or 332.0	\$
2	30	CHROMIUM-6 (Hexavalent) Proven method performance via method specific protocol- must show in QA manual	EPA Method 218.7	\$
3	30	NDMA and NITROSAMINES GROUP N-Nitroso dimethylamine (NDMA), N-Nitrosodibutylamine (NDBA), N-Nitrosodiethylamine (NDEA), N-Nitrosodi-n-propylamin(NDPA), N-Nitrosomethylethylamin(NMEA), N-Nitrosomorpholine, N-Nitrosopiperidine (NPIP), N-Nitrosopyrrolidine (NPYR)	EPA 521 2 ng/L for each analyte	\$
4	25	UNREGULATED CONTAMINANTS MONITORING RULE 3 (UCMR3) GROUP 17-β-estradiol 17-α-ethynylestradiol (ethinyl estradiol) 16-α-hydroxyestradiol (estriol) Equilin Estrone Testosterone	EPA 539 0.0004 µg/L EPA 539 0.0009 µg/L EPA 539 0.0008 µg/L EPA 539 0.004 µg/L EPA 539 0.002 µg/L EPA 539	\$

		0.0001 µg/L	
	4-androstene-3,17-dione	EPA 539 0.0003 µg/L	
	1,2,3-trichloropropane	EPA 524.3 0.03 µg/L	
	1,3-butadiene	EPA 524.3 0.1 µg/L	
	Chloromethane (methyl chloride)	EPA 524.3 0.2 µg/L	
	1,1-dichloroethane	EPA 524.3 0.03 µg/L	
	N-propylbenzene	EPA 524.3 0.2 µg/L	
	Bromomethane (methyl bromide)	EPA 524.3 0.2 µg/L	
	Sec-butylbenzene	EPA 524.3 0.08 µg/L	
	Chlorodifluoromethane (HCFC-22)	EPA 524.3 0.08 µg/L	
	Bromochloromethane (halon 1011)	EPA 524.3 0.06 µg/L	
	1,4-dioxane	EPA 522 0.07 µg/L	
	Chromium	EPA 200.8 0.2 µg/L	
	Chromium-6 (Hexavalent)	EPA 218.7 0.03 µg/L	
	Vanadium	EPA 200.8 0.2 µg/L	
	Molybdenum	EPA 200.8 1 µg/L	
	Cobalt	EPA 200.8 1 µg/L	
	Strontium	EPA 200.8	

		Chlorate	0.3 µg/L EPA 300.1 20 µg/L	
		Perfluorooctane sulfonate (PFOS)	EPA 537 0.04 µg/L	
		Perfluorooctanoic acid (PFOA)	EPA 537 0.02 µg/L	
		Perfluorononanoic acid (PFNA)	EPA 537 0.02 µg/L	
		Perfluorohexane sulfonic acid (PFHxS)	EPA 537 0.03 µg/L	
		Perfluoroheptanoic acid (PFHpA)	EPA 537 0.01 µg/L	
		Perfluorobutane sulfonic acid (PFBS)	EPA 537 0.09 µg/L	
		UNREGULATED CONTAMINANTS MONITORING RULE 3 (UCMR4) GROUP		
		Total Microcystin	EPA 546 0.3 µg/L	
		Microcystin-LA	EPA 544 0.008 µg/L	
		Microcystin-LF	EPA 544 0.006 µg/L	
		Microcystin-LR	EPA 544 0.02 µg/L	
		Microcystin-LY	EPA 544 0.009 µg/L	
		Microcystin-RR	EPA 544 0.006 µg/L	
		Microcystin-YR	EPA 544 0.02 µg/L	
		Nodularin	EPA 544 0.005 µg/L	
5	25	Anatoxin-a	EPA 545 0.03 µg/L	\$

	Cylindrospermopsin	EPA 545 0.09 µg/L	
	Germanium	EPA 200.8 0.3 µg/L	
	Manganese	EPA 200.8 0.4 µg/L	
	Alpha-Hexachlorocyclohexane	EPA 525.3 0.01 µg/L	
	Chlorpyrifos	EPA 525.3 0.03 µg/L	
	Dimethipin	EPA 525.3 0.2 µg/L	
	Ethoprop	EPA 525.3 0.03 µg/L	
	Oxyflourfen	EPA 525.3 0.05 µg/L	
	Profenofos	EPA 525.3 0.3 µg/L	
	Tebuconazole	EPA 525.3 0.2 µg/L	
	Total Permethrin (cis & trans)	EPA 525.3 0.04 µg/L	
	Tribufos	EPA 525.3 0.07 µg/L	
	HAA5	EPA 552.3 or 557 N/A	
	HAA6Br	EPA 552.3 or 557 N/A	
	HAA9	EPA 552.3 or 557 N/A	
	1-Butanol	EPA 541 2.0 µg/L	
	2-Methoxyethanol	EPA 541 0.4 µg/L	

		2-Propen-1-ol	EPA 541 0.5 µg/L	
		Butylated Hydroxyanisole	EPA 530 0.03 µg/L	
		O-Toluidine	EPA 530 0.007 µg/L	
		Quinoline	EPA 530 0.02 µg/L	
		Total Organic Carbon	EPA 415.3 N/A	
		Bromide	EPA 300.0, 1 or 317.0 or 326.0	
		PHARMACEUTICALS, HORMONES AND PERSONAL CARE PRODUCTS GROUP		
		1,7-Dimethylxanthine	LC-MS-MS 5 ng/L	
		2,4-D	LC-MS-MS 5 ng/L	
		4-nonylphenol - semi quantitative	LC-MS-MS 100 ng/L	
		4-tert-octylphenol	LC-MS-MS 50 ng/L	
		Acesulfame-K	LC-MS-MS 20 ng/L	
		Acetaminophen	LC-MS-MS 5 ng/L	
		Albuterol	LC-MS-MS 5 ng/L	
		Amoxicillin (semi-quantitative)	LC-MS-MS 20 ng/L	
		Androstenedione	LC-MS-MS 5 ng/L	
		Atenolol	LC-MS-MS 5 ng/L	
6	15	Atrazine		\$

			LC-MS-MS 5 ng/L	
	Azithromycin			
			LC-MS-MS 20 ng/L	
	Bendroflumethiazide			
			LC-MS-MS 5 ng/L	
	Bezafibrate			
			LC-MS-MS 5 ng/L	
	BPA			
			LC-MS-MS 10 ng/L	
	Bromacil			
			LC-MS-MS 5 ng/L	
	Butalbital			
			LC-MS-MS 5 ng/L	
	Butylparben			
			LC-MS-MS 5 ng/L	
	Caffeine			
			LC-MS-MS 5 ng/L	
	Carbadox			
			LC-MS-MS 5 ng/L	
	Carbamazepine			
			LC-MS-MS 5 ng/L	
	Carisoprodol			
			LC-MS-MS 10 ng/L	
	Chloramphenicol			
			LC-MS-MS 5 ng/L	
	Chloridazon			
			LC-MS-MS 5 ng/L	
	Chlorotoluron			
			LC-MS-MS 5 ng/L	
	Cimetidine			
			LC-MS-MS 5 ng/L	
	Clofibric Acid			

	Cotinine	LC-MS-MS 10 ng/L	
	Cyanazine	LC-MS-MS 5 ng/L	
	DACT	LC-MS-MS 5 ng/L	
	DEA	LC-MS-MS 5 ng/L	
	DEET	LC-MS-MS 2 ng/L	
	Dehydronifedipine	LC-MS-MS 5 ng/L	
	DIA	LC-MS-MS 5 ng/L	
	Diazepam	LC-MS-MS 5 ng/L	
	Diclofenac	LC-MS-MS 5 ng/L	
	Dilantin	LC-MS-MS 20 ng/L	
	Diuron	LC-MS-MS 5 ng/L	
	Erythromycin	LC-MS-MS 10 ng/L	
	Estradiol	LC-MS-MS 5 ng/L	
	Estrone	LC-MS-MS 5 ng/L	
	Ethinyl Estradiol - 17 alpha	LC-MS-MS 5 ng/L	
	Ethylparaben	LC-MS-MS 20 ng/L	
	Flumequine	LC-MS-MS 10 ng/L	
		LC-MS-MS	

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Fluoxetine	10 ng/L
Gemfibrozil	LC-MS-MS 5 ng/L
Ibuprofen	LC-MS-MS 15 ng/L
Iohexal	LC-MS-MS 10 ng/L
Iopromide	LC-MS-MS 5 ng/L
Isobutylparaben	LC-MS-MS 5 ng/L
Isoproturon	LC-MS-MS 100 ng/L
Ketoprofen	LC-MS-MS 5 ng/L
Ketorolac	LC-MS-MS 5 ng/L
Lidocaine	LC-MS-MS 5 ng/L
Lincomycin	LC-MS-MS 10 ng/L
Linuron	LC-MS-MS 5 ng/L
Lopressor	LC-MS-MS 20 ng/L
Meclofenamic Acid	LC-MS-MS 5 ng/L
Meprobamate	LC-MS-MS 10 ng/L
Metazachlor	LC-MS-MS 5 ng/L
Methylparaben	LC-MS-MS 20 ng/L
Naproxen	LC-MS-MS 10 ng/L

	Nifedipine	LC-MS-MS 20 ng/L
	Norethisterone	LC-MS-MS 5 ng/L
	Oxolinic acid	LC-MS-MS 5 ng/L
	Pentoxifylline	LC-MS-MS 5 ng/L
	Phenazone	LC-MS-MS 5 ng/L
	Primidone	LC-MS-MS 5 ng/L
	Progesterone	LC-MS-MS 5 ng/L
	Propazine	LC-MS-MS 5 ng/L
	Propylparaben	LC-MS-MS 5 ng/L
	Quinoline	LC-MS-MS 5 ng/L
	PHARMACEUTICALS, HORMONES AND PERSONAL CARE PRODUCTS GROUP	LC-MS-MS 5 ng/L
	Simazine	LC-MS-MS 100 ng/L
	Sucralose	LC-MS-MS 5 ng/L
	Sulfachloropyridazine	LC-MS-MS 5 ng/L
	Sulfadiazine	LC-MS-MS 5 ng/L
	Sulfadimethoxine	LC-MS-MS 5 ng/L

	Sulfamerazine	LC-MS-MS 5 ng/L	
	Sulfamethazine	LC-MS-MS 5 ng/L	
	Sulfamethizole	LC-MS-MS 5 ng/L	
	Sulfamethoxazole	LC-MS-MS 5 ng/L	
	Sulfathiazole	LC-MS-MS 5 ng/L	
	TCEP	LC-MS-MS 5 ng/L	
	TCP	LC-MS-MS 5 ng/L	
	TDCPP	LC-MS-MS 100 ng/L	
	Testosterone	LC-MS-MS 5 ng/L	
	Theobromine	LC-MS-MS 5 ng/L	
	PHARMACEUTICALS, HORMONES AND PERSONAL CARE PRODUCTS GROUP		
	Theophylline	LC-MS-MS 10 ng/L	
	Triclosan	LC-MS-MS 10 ng/L	
	Trimethoprim	LC-MS-MS 5 ng/L	
	Warfarin	LC-MS-MS 5 ng/L	

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