

ISSUING DEPARTMENT INPUT DOCUMENT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

New OTR Sole Source Bid Waiver Emergency Previous Contract/Project No. FB-00629
Contract
 Re-Bid Other – _____ LIVING WAGE APPLIES: YES NO

Requisition No./Project No.: RQID2100427 TERM OF CONTRACT 5 YEAR(S) WITH 0 YEAR(S) OTR

Requisition /Project Title: AIR EMISSION TESTING SERVICES

Description: The purpose of this solicitation is to establish a contract for Air Emission Testing Services in conjunction with the needs of Miami-Dade County on an as needed basis.

Issuing Department: ISD Contact Person: Martha Garofolo Phone: 305.375.4265
 Estimate Cost/Value: \$358,000 GENERAL FEDERAL OTHER
 Funding Source: _____ _____ Proprietary

ANALYSIS

Commodity Codes:	<u>92590</u>			
Contract/Project History of previous purchases three (3) years Check here <input type="checkbox"/> if this is a new contract/purchase with no previous history.				
	<u>EXISTING</u>	<u>2ND YEAR</u>	<u>3RD YEAR</u>	
Contractor:				
Small Business Enterprise:				
Contract Value:				
Comments:				

Continued on another page (s): YES NO

RECOMMENDATIONS

	Set-Aside	Subcontractor Goal	Bid Preference	Selection Factor
SBE				

Basis of Recommendation:

Signed: Martha Garofolo Date sent to SBD: June 21, 2022
 Date returned to SPD: _____

SECTION 2

ADDITIONAL/SPECIAL TERMS AND CONDITIONS

2.1 PURPOSE

The purpose of this solicitation is to establish a contract for Air Emission Testing services in conjunction with the needs of Miami-Dade County on an as needed when needed basis.

2.2 TERM OF CONTRACT

This contract shall commence on the first calendar day of the month succeeding approval of this contract by the Board of County Commissioners, or designee, unless otherwise stipulated by the Internal Services Department, Strategic Procurement Division. The contract shall expire on the last day of the sixty (60) month contract term.

2.3 METHOD OF AWARD

Award of the contract will be made to the single lowest responsive, responsible Bidder who submits an offer on all items listed in the solicitation and whose offer represents the lowest price when all items are added in the aggregate. If a Bidder fails to submit an offer on all items, its overall offer may be rejected. If the awarded Bidder defaults, the County shall have the right to negotiate with the next responsive and responsible Bidder.

2.4 QUALIFICATION CRITERIA

Bidders must meet the following requirements to be considered for award:

- 2.4.1** Bidder or Bidder's Subcontractor shall be regularly engaged in the business of providing air emission testing services to be considered for award. Bidder or Bidder's Subcontractor shall provide three (3) **different** references to demonstrate competency and experience where Compliance Test Reports were prepared and later submitted to the State of Florida, Florida Department of Environmental Protection (FDEP) or local regulatory agencies with delegated authority from the State of Florida, FDEP. At least one of the references must be Lime Kiln Air Testing (Lime Recalcining Plant) where the following testing services have been performed: Particulate Matter (PM) emissions, EPA Method 5, Nitrogen Oxides (NOx) emissions, EPA method 7E and General Visible emissions kiln, silo, exhaust condensate drain vent and diffusers, EPA method 9.

In lieu of the references from the Bidder or Bidder's Subcontractor, the County will consider the references from Bidder's key personnel in accordance with Resolution No. 1122-21. The references shall include the customer's company name, and the contact's name, title, address, telephone number, and e-mail address of the contact person who can verify that the Bidder/key personnel/Subcontractor has successfully provided the services (Section 4: Bid Submittal – Required Criteria). These references shall ascertain to the County's satisfaction that the Bidder/key personnel/Subcontractor has sufficient expertise in the industry and its firm is properly equipped to perform the required services. The County may verify the information submitted by any Bidder and may obtain and evaluate additional information, as it deems necessary, to ascertain a Bidder's ability to perform the required services. The County shall be sole judge of a Bidder's ability to perform, and its decision shall be final.

- 2.4.2** Bidder(s) must provide three (3) facility references to demonstrate competency and experience. The facility references must include the name of the facility, the facility ID, a contact name, title, address, email and telephone number of the contact to verify that the Bidder has successfully provided the services offered under this solicitation.

2.4.3 Bidder shall provide the name of the Project Manager, telephone number, emergency telephone number, and email address of the primary contact that the Bidder will assign to this project.

2.4.4 Bidder(s) must hold the following license and will be required to provide copy of the licenses with their response to this solicitation:

1. A valid **Visible Emissions Evaluator Certificate** issued by a Training Provider meeting the requirements of subsections 62-297.320(2)-(8), of the Florida Administrative Code (F.A.C) Department of Environmental Protection (FDEP).

2.5 **FIXED-PRICE WITH ECONOMIC PRICE ADJUSTMENT**

The prices resultant from this solicitation shall prevail for the term of the contract, except as hereby noted. The County will consider yearly price adjustments, to be effective on the contract's annual anniversary date, based on changes in the following pricing index: Consumer Price Index for all urban consumer, based on other goods & services for Miami-Ft. Lauderdale Area. It is the Bidders' responsibility to request any pricing adjustment under this provision. Requests for price adjustment shall be submitted to the Internal Services Department, Strategic Procurement Division 90 days prior to the contract's annual anniversary date. Requests for price adjustment must clearly substantiate the requested increase. The County reserves the right to negotiate prices, approve or disapprove price adjustments, or cancel its contract with the Bidder, in its best interest. In the event that the Awarded Bidder does not comply with the price adjustment terms, the prices being paid for the current contract period will continue to be paid for the next contract year.

The County reserves the right to negotiate lower pricing for the additional term(s) based on market research information or other factors that influence price. The County reserves the right to apply any reduction in pricing based on the downward movement of the applicable index. The County reserves the right to reject any price adjustments submitted by the bidder and/or to terminate the contract with the bidder based on such price adjustments.

2.6 **INSPECTION OF FACILITIES AND EQUIPMENT (OPTIONAL, BUT HIGHLY RECOMMENDED)**

It is highly recommended for prospective bidders to visit the sites of the proposed work and become familiar with any conditions which may in any manner affect the work to be done or affect the equipment, materials and labor required. Any such visits shall be at the Bidder's discretion and no County representative will be present. Bidders shall submit all questions through INFORMS. Copy the Clerk of the Board on all correspondence with County's personnel regarding this solicitation.

A Pre-Bid Conference will be conducted via Zoom Meeting as follows:

- Date: XXXXX at 10:00 AM Eastern Time
- Where: [Zoom link TBD](#)
- Meeting ID: TBD
- Passcode: TBD
- Local Telephone: +TBD
- Find your local number: [TBD](#)

The pre-bid conference is being held to discuss the special conditions and specifications included within this solicitation. It is recommended that a representative of the firm attend this conference as the "Cone of Silence" will be lifted during the course of the conference and informal communication can take place. Bidders are requested to have a copy of this solicitation document available for reference during the conference.

Bidders are advised to carefully examine the requirements and specifications in this solicitation and to become thoroughly aware of any and all conditions and requirements that may in any manner effect the work to be

performed under this contract. It shall be the sole responsibility of the Bidders to examine the equipment requirements and sites under this contract prior to submittal of a bid.

Failure or omission of the Bidder(s) to review any instructions, documents, specifications, or to visit the sites and become acquainted with the nature and location of the work, the general and local conditions, and all other matters which may in any way effect performance shall not relieve the Bidder(s) of any obligation to perform as specified herein. No additional allowances will be made because of lack of knowledge of these conditions.

2.7 ADDITIONAL SERVICES/ FACILITIES MAY BE ADDED OR DELETED

The County will have the option of adding and removing services/sites from the scope or work, increase or decrease frequency of services as needed and when needed. Although this solicitation and resultant contract identifies specific facilities to be serviced, it is hereby agreed and understood that any County department or agency facility may be added to this contract at the option of the County. When required by the pricing structure of the contract, vendor(s) under this contract shall be invited to submit price quotes for these additional services/facilities. If these quotes are determined to be fair and reasonable, then the additional work will be awarded to the current contract vendor(s) that offers the lowest acceptable pricing.

The County reserves the right to obtain price quotes for the optional services from other bidders in the event that fair and reasonable pricing is not obtained from the current contract vendor, or for other reasons at the County's discretion.

2.8 DEFICIENCIES IN WORK TO BE CORRECTED BY THE VENDOR

The vendor shall promptly correct all apparent and latent deficiencies and/or defects in work, and/or any work that fails to conform to the contract documents regardless of project completion status. The vendor shall bear all costs of correcting such rejected work. If the vendor fails to correct the work within the period specified, the County may, at its discretion, notify the vendor, in writing, that the vendor is subject to contractual default provisions. If the vendor fails to correct the work within the period specified in the notice, the County shall place the vendor in default, obtain the services of another vendor to correct the deficiencies. Any and all re-procurement costs incurred by the County shall be borne by incumbent vendor.

SECTION 3

SCOPE OF WORK/TECHNICAL SPECIFICATIONS

3.1 SCOPE OF WORK

Conduct Air Emission Compliance Testing (stack testing) in accordance with the U.S. Environmental Protection Agency (EPA) and State of Florida Department of Environmental Protection (FDEP) requirements and regulations.

Services include sampling, testing and reporting as follows:

A. Sampling

1. Awarded vendor shall provide all labor and materials for sample collection and analysis, data reduction and preparation of emission test reports that are suitable for submission to the regulatory agencies.
2. Sampling equipment, techniques, analytical procedures and quality control provisions must adhere to currently specified approved State of Florida Department of Environmental Protection and Environmental Protection Agency (EPA) methods

B. Testing

1. All testing and reporting must meet the current requirements set by the FDEP at the time of testing and submittal.
2. Testing will be performed on facility emission units as required by the respective facility operating or construction permits issued by the FDEP or by Florida Administrative Code (F.A.C.) Rules.
3. Principle test methods for the Engine Driven Pumps, Cogeneration, Standby and Emergency Generator Units will be EPA Method 7E (Nitrous Oxide Emissions from stationary source), EPA Method 9 (Visible Emissions), and EPA Method 10 (Carbon Monoxide) and Methods 25A and 18 VOC (Volatile Organic Compounds). Supplemental evaluations to permit assessment of mass emission rates for units with appropriate sampling ports, will include EPA Method 1 (or 1A) (Sampling port location, number of traverse points) and Method 2 (or 19) (Stack Gas Flow Rate), EPA Method 3 (Stack Gas Molecular Weight), EPA Method 4 (of Method 320) (Moisture Content), and EPA Method 5 (Particulate Matter). Standby and diagnostic testing include any standby time and diagnostic testing services that are associated with and can be performed with these principle test methods.

C. Reporting

After completion of the required testing the awarded Vendor shall provide the following:

1. Draft Air Compliance Emissions Test report, including as a minimum, the information required by Rule 62-297.310(8)(c) 1 through 21 of the F.A.C. The Test report shall be available within twenty-eight (28) calendar days after the last sampling run of each test is completed.
2. Final Air Compliance Emissions Testing report shall be available within thirty-five (35) calendar days after the last sampling run of each test is completed. Each required final Air Compliance Emissions Testing report shall be signed and certified by the report preparer.

Should FDEP determines the submitted test report requires additional information, corrections, or tests were improperly conducted or improperly computed, additional corrected report pages or complete/revised reports shall be provided at no additional cost to the County.

D. Mobilization and Demobilization

1. Mobilization and demobilization costs will be all inclusive of personnel, equipment, expendable materials, necessary set-up, all associated travel and any other supplies necessary to complete testing services.
2. Only single mobilization and demobilization cost will be accepted per request to test for each specific facility location over a continuous period of time, regardless of number of emission units (engines, kilns) included in the request.

3.2 LIST OF LOCATIONS:

3.2.1 Hialeah/Preston Water Treatment Plant

700 West 2 Avenue
Hialeah, FL, 33010
Facility ID#0250281

Location will require Mobilization/Demobilization services and following Air Emission Testing:

- **Lime Recalcining Plant#1:** PM (particulate matter) emissions, EPA method 1 thru 5, NO_x emissions, EPA method 7E and visible emissions kiln, silo, exhaust condensate drain vent and diffusers, EPA method 9. Testing is currently required annually.
- **Diesel Engine Driven Emergency Generator Sets:** NO_x Emissions, EPA Method 7E and Visible Emissions, EPA Method 9. Testing is currently required annually.
- **Diesel Engine Driven Generator Sets:** Simultaneous measurement of the O₂ (oxygen) and CO (carbon monoxide) at the inlet(s) and outlet(s) of the control device (oxidation catalyst) using ASTM D6522-00 (2005 or later as incorporated by reference in Title 40 Part 60 Section 63.14) or EPA Method 10 to determine the CO concentrations corrected to 15 percent O₂ (dry basis) in the inlet and outlet emissions of the control device and percent reduction achieved by the control device. In the event that any units are reconstructed and re-categorized to non-emergency use, this performance testing may be required every 8,760 hours of engine operation or every 3 years, whichever comes first after initial testing.

3.2.2 Alexander Orr, Jr. Water Treatment Plant

6800 SW 87 Avenue
Miami, FL, 33173
Facility ID#0250314

Location will require Mobilization/Demobilization services and following Air Emission Testing:

- **Lime Recalcining Plant#2:** PM (particulate matter) emissions, EPA method 1 thru 5, NO_x emissions, EPA method 7E and visible emissions kiln, silo, exhaust condensate drain vent and diffusers, EPA method 9. Testing is currently required annually.

- **Natural Gas Engine Driven High Service Water Pumps:** NO_x emissions, EPA method 7E and visible emissions, EPA method 9. Testing is currently required only at the request of the FDEP and other regulatory agencies.
- **Natural Gas Engine Driven High Service Water Pumps:** Simultaneous measurement of the O₂ (oxygen) and CO (carbon monoxide) at the inlet(s) and outlet(s) of the control device (oxidation catalyst) using ASTM D6522-00 (2005 or later as incorporated by reference in Title 40 Part 60 Section 63.14) or EPA Method 10 to determine the CO concentrations corrected to 15 percent O₂ (dry basis) in the inlet and outlet emissions of the control device and percent reduction achieved by the control device. This performance testing may be required every 8,760 hours of engine operation or every 3 years, whichever comes first after initial testing.
- **Diesel Engine Driven Emergency and Standby Generator Sets:** NO_x Emissions, EPA method 7E and visible emissions, EPA Method 9. Testing is currently required annually.
- **Diesel Engine Driven Generator Sets:** Simultaneous measurement of the O₂ (oxygen) and CO (carbon monoxide) at the inlet(s) and outlet(s) of the control device (oxidation catalyst) using ASTM D6522-00 (2005 or later as incorporated by reference in Title 40 Part 60 Section 63.14) or EPA Method 10 to determine the CO concentrations corrected to 15 percent O₂ (dry basis) in the inlet and outlet emissions of the control device and percent reduction achieved by the control device. In the event that any units are reconstructed and re-categorized to non-emergency use, this performance testing may be required every 8,760 hours of engine operation or every 3 years, whichever comes first after initial testing.

3.3.3 Central District Wastewater Treatment Plant
 3989 Rickenbacker Causeway on Virginia Key
 Miami, FL, 33149
 Facility ID#0250476

Location will require Mobilization/Demobilization services and following Air Emission Testing:

- **Digester Gas Engine Driven Cogenerator Sets:** stack gas flow rate, EPA Method 1 and 2; stack gas molecular weight, EPA method 3; moisture content, EPA method 4; NO_x emission, EPA method 7E and visible emissions, EPA method 9. Testing is currently required annually.
- **Digester Gas Engine Driven Cogenerator Sets:** Simultaneous measurement of the O₂ (oxygen) and CO (carbon monoxide) using ASTM D6522-00 (2005 or later as incorporated by reference in Title 40 Part 60 Section 63.14) or EPA Method 10 to determine the CO concentrations corrected to 15 percent O₂ (dry basis) in the exhaust. In the event that any units are reconstructed, replaced, or new units added, this performance testing may be required every 8,760 hours of engine operation or every 3 years, whichever comes first after initial testing.
- **Digester Gas Engine Driven Cogenerator Sets:** Select the sampling port location and the number of traverse points, using Method 1 or 1A of 40 CFR part 60, appendix A § 63.7(d)(1)(i); determine exhaust flow rate using Method 2 or 19 of 40 CFR part 60; moisture content using Method 4 of 40 CFR part 60, appendix A, or Test Method 320 of

40 CFR part 63, appendix A, or ASTM D 6348-03; Simultaneous measurement of O₂ (oxygen) using Method 3 or 3A or 3B of 40 CFR part 60, appendix A, or ASTM Method D6522-00m (2005); and VOC (volatile organic compounds), using Methods 25A and 18 of 40 CFR part 60, appendix A, Method 25A with the use of a methane cutter as described in 40 CFR 1065.265, Method 18 of 40 CFR part 60, appendix A, Method 320 of 40 CFR part 63, appendix A, or ASTM D 6348-03 to determine the VOC concentrations corrected to 15 percent O₂ of the emissions. Results of this test consist of the average of three 1-hour or longer testing runs. In the event that any units are reconstructed, replaced, or new units added, this performance testing may be required every 8,760 hours of engine operation or every 3 years, whichever comes first after initial testing.

- **Diesel Engine Driven Emergency Generator Sets:** NO_x emissions, EPA method 7E and visible emission, EPA method 9. Testing is currently required annually.
- **Diesel Engine Driven Generator Sets:** Simultaneous measurement of the O₂ (oxygen) and CO (carbon monoxide) at the inlet(s) and outlet(s) of the control device (oxidation catalyst) using ASTM D6522-00 (2005 or later as incorporated by reference in Title 40 Part 60 Section 63.14) or EPA Method 10 to determine the CO concentrations corrected to 15 percent O₂ (dry basis) in the inlet and outlet emissions of the control device and percent reduction achieved by the control device. In the event that any units are reconstructed and re-categorized to non-emergency use, this performance testing may be required every 8,760 hours of engine operation or every 3 years, whichever comes first after initial testing.

3.4.4 South District Wastewater Treatment Plant

8950 SW 232 Street
Miami, FL, 33190
Facility ID#0250520

Location will require Mobilization/Demobilization services and following Air Emission Testing:

- **Digester/Landfill/Natural Gas Engine Driven Cogenerator Sets:** Stack gas flow rate, EPA method 1 and 2; stack gas molecular weight, EPA method 3; moisture content, EPA method 4; NO_x emissions, EPA method 7E and visible emissions, EPA method 9. Testing is currently required annually. Note: An Air Construction Permit has been issued for two of the three existing engine driven cogeneration sets to be removed and for four new engine driven cogeneration sets to be added at this location.
- **Digester/Landfill/Natural Gas Engine Driven Cogenerator Sets:** Simultaneous measurement of the O₂ (oxygen) and CO (carbon monoxide) using ASTM D6522-00 (2005 or later as incorporated by reference in Title 40 Part 60 Section 63.14) or EPA Method 10 to determine the CO concentrations corrected to 15 percent O₂ (dry basis) in the exhaust. Note: This performance testing may be required every 8,760 hours of engine operation or every 3 years, whichever comes first after initial testing for the four new engine driven cogeneration sets to be added at this facility. This performance testing may also be required in the event that any engine driven cogeneration units are reconstructed, replaced, or new units added.
- **Digester/Landfill/Natural Gas Engine Driven Cogenerator Sets:** Select the sampling port location and the number of traverse points, using Method 1 or 1A of 40 CFR part 60, appendix A § 63.7(d)(1)(i); determine exhaust flow rate using Method 2 or 19 of 40 CFR part 60; moisture content using Method 4 of 40 CFR part 60, appendix A, or Test Method 320 of 40 CFR part 63, appendix A, or ASTM D 6348-03; Simultaneous measurement of O₂ (oxygen) using Method 3 or 3A or 3B of 40 CFR part 60, appendix

A, or ASTM Method D6522-00m (2005); and VOC (volatile organic compounds), using Methods 25A and 18 of 40 CFR part 60, appendix A, Method 25A with the use of a methane cutter as described in 40 CFR 1065.265, Method 18 of 40 CFR part 60, appendix A, Method 320 of 40 CFR part 63, appendix A, or ASTM D 6348-03 to determine the VOC concentrations corrected to 15 percent O₂ of the emissions. Results of this test consist of the average of three 1-hour or longer testing runs. Note: This performance testing may be required every 8,760 hours of engine operation or every 3 years, whichever comes first after initial testing for the four new engine driven cogeneration sets to be added at this facility. This performance testing may also be required in the event that any engine driven cogeneration units are reconstructed, replaced, or new units added.

- **Diesel Engine Driven Emergency Generator Sets:** NO_x emissions, EPA method 7E and visible emissions, EPA Method 9. Note: Currently, this annual testing is only required when an emission unit is operated more than 400 hours in a year and prior to permit renewal.
- **Diesel Engine Driven Generator Sets:** Simultaneous measurement of the O₂ (oxygen) and CO (carbon monoxide) at the inlet(s) and outlet(s) of the control device (oxidation catalyst) using ASTM D6522-00 (2005 or later as incorporated by reference in Title 40 Part 60 Section 63.14) or EPA Method 10 to determine the CO concentrations corrected to 15 percent O₂ (dry basis) in the inlet and outlet emissions of the control device and percent reduction achieved by the control device. Note: In the event that any units are reconstructed and re-categorized from emergency to non-emergency use, this performance testing may be required every 8,760 hours of engine operation or every 3 years, whichever comes first after initial testing.

3.4.5 North District Wastewater Treatment Plant

2575 NE 151 Street
Miami, FL, 33160
Facility ID#0250600

Location will require Mobilization/Demobilization services and following Air Emission Testing:

- **Diesel Engine Driven Emergency Generator Sets:** NO_x emissions, EPA method 7E and visible emissions, EPA method 9. Currently annual testing is only required when an emission unit is operated more than 400 hours in a year and prior to permit renewal.
- **Diesel Engine Driven Generator Sets:** Measurement of the O₂ (oxygen) and CO (carbon monoxide) at the inlet(s) and outlet(s) of the control device (oxidation catalyst) using ASTM D6522-00 (2005 or later as incorporated by reference in Title 40 Part 60 Section 63.14) or EPA Method 10 to determine the percent reduction of CO concentrations of final emissions and percent reduction achieved by the control device. Note: In the event that any units are reconstructed and re-categorized from emergency to non-emergency use, this performance testing may be required every 8,760 hours of engine operation or every 3 years, whichever comes first after initial testing.

3.4.6 Sewage Pump Station Number One, 4th Street

390 NW North River Drive
Miami, FL, 33128
Facility ID#0250767

Location will require Mobilization/Demobilization services and following Air Emission Testing:

- **Diesel Engine Driven Sewage Pumps:** NO_x emissions, EPA method 7E and visible emissions, EPA method 9. Currently testing is only required at request of the FDEP and other regulatory agencies.
- **Diesel Engine Driven Sewage Pumps:** Simultaneous measurement of the O₂ (oxygen) and CO (carbon monoxide) at the inlet(s) and outlet(s) of the control device (oxidation catalyst) using ASTM D6522-00 (2005 or later as incorporated by reference in Title 40 Part 60 Section 63.14) or EPA Method 10 to determine the CO concentrations corrected to 15 percent O₂ (dry basis) in the inlet and outlet emissions of the control device and percent reduction achieved by the control device. This performance testing may be required every 8,760 hours of engine operation or every 3 years, whichever comes first after initial testing.

3.4.7 Other Miami-Dade County Treatment Plans and Various Water Pumping and Sewage Transmission Facilities

Location will require Mobilization/Demobilization services and following Air Emission Testing:

- **Engine Driven Pump and Generator Sets:** Visible emissions, EPA method 9. Currently testing is only required at request of the FDEP and other regulatory agencies.
- **Engine Driven Pump and Generator Sets:** NO_x emissions, EPA method 7E and visible emissions, EPA method 9. Currently testing is only required at the request of the FDEP and other regulatory agencies.
- **Engine Driven Pump and Generator Sets:** Simultaneous measurement of the O₂ (oxygen) and CO (carbon monoxide) at the inlet(s) and outlet(s) of the control device (oxidation catalyst) using ASTM D6522-00 (2005 or later as incorporated by reference in Title 40 Part 60 Section 63.14) or EPA Method 10 to determine the CO concentrations corrected to 15 percent O₂ (dry basis) in the inlet and outlet emissions of the control device and percent reduction achieved by the control device. In the event that any units are reconstructed and re-categorized to non-emergency use, this performance testing may be required every 8,760 hours of engine operation or every 3 years, whichever comes first after initial testing.
- **Four Stroke Rich Burn (4SRB) Engine Driven Pump and Generator Sets:** Select the sampling port location and the number of traverse points, using Method 1 or 1A of 40 CFR part 60, appendix A § 63.7(d)(1)(i); Simultaneous measurement at the inlet(s) and outlet(s) of the control device (Non-Selective Catalytic Reduction - NSCR) of O₂ (oxygen) using Method 3 or 3A or 3B of 40 CFR part 60, appendix A, or ASTM Method D6522-00m (2005); moisture content using Method 4 of 40 CFR part 60, appendix A, or Test Method 320 of 40 CFR part 63, appendix A, or ASTM D 6348-03; and formaldehyde, using Method 320 or 323 of 40 CFR part 63, appendix A; or ASTM D6348-03, provided in ASTM D6348-03 Annex A5 (Analyte Spiking Technique) to determine the formaldehyde concentrations corrected to 15 percent O₂ (dry basis) in the inlet and outlet emissions of the control device and percent reduction achieved by the control device. Results of this test consist of the average of three 1-hour or longer testing runs. Note: In the event that any units are re-categorized from emergency to non-emergency use, this performance testing may be required every 8,760 hours of engine operation or every 3 years, whichever comes first after initial testing.
- **Four Stroke Rich Burn (4SRB) Engine Driven Pump and Generator Sets:** Select the sampling port location and the number of traverse points, using Method 1 or 1A of 40 CFR part 60, appendix A § 63.7(d)(1)(i); Simultaneous measurement at the inlet(s) and outlet(s) of the control device (Non-

Selective Catalytic Reduction - NSCR) of O₂ (oxygen) using Method 3 or 3A or 3B of 40 CFR part 60, appendix A, or ASTM Method D6522-00m (2005); moisture content using Method 4 of 40 CFR part 60, appendix A, or Test Method 320 of 40 CFR part 63, appendix A, or ASTM D 6348-03; and Total Hydrocarbons (THC), using Method 25A of 40 CFR part 60, appendix A, to determine the THC concentrations corrected to 15 percent O₂ (dry basis) in the inlet and outlet emissions of the control device and the percent reduction achieved by the control device. Results of this test consist of the average of three 1-hour or longer testing runs. Note: In the event that any units are re-categorized from emergency to non-emergency use, this performance testing may be required every 8,760 hours of engine operation or every 3 years, whichever comes first after initial testing.

DRAFT

SECTION 4

BID SUBMITTAL REQUIRED CRITERIA

	TO BE COMPLETED BY ALL BIDDERS
	Refer to Paragraph 2.4 to ensure that Bidder's responses and attachments comply with the Solicitation's requirements.
Paragraph Reference	Bidder Requirements
2.4.1	<p>Bidder or Bidder's Subcontractor shall be regularly engaged in the business of providing air emission testing services to be considered for award. Bidder or Bidder's Subcontractor shall provide three (3) <i>different</i> references to demonstrate competency and experience where Compliance Test Reports were prepared and later submitted to the State of Florida, Florida Department of Environmental Protection (FDEP) or local regulatory agencies with delegated authority from the State of Florida, FDEP. At least one of the references must be Lime Kiln Air Testing (Lime Recalcining Plant) where the following testing services have been performed: Particulate Matter (PM) emissions, EPA Method 5, Nitrogen Oxides (NOx) emissions, EPA method 7E and General Visible emissions kiln, silo, exhaust condensate drain vent and diffusers, EPA method 9.</p> <p>In lieu of the references from the Bidder or Bidder's Subcontractor, the County will consider the references from Bidder's key personnel in accordance with Resolution No. 1122-21. The references shall include the customer's company name, and the contact's name, title, address, telephone number, and e-mail address of the contact person who can verify that the Bidder/key personnel/Subcontractor has successfully provided the services (Section 4: Bid Submittal – Required Criteria). These references shall ascertain to the County's satisfaction that the Bidder/key personnel/Subcontractor has sufficient expertise in the industry and its firm is properly equipped to perform the required services. The County may verify the information submitted by any Bidder and may obtain and evaluate additional information, as it deems necessary, to ascertain a Bidder's ability to perform the required services. The County shall be sole judge of a Bidder's ability to perform, and its decision shall be final.</p> <p>Reference Company Name No. 1: <input style="width: 300px; height: 15px;" type="text"/></p> <p>Is reference for the Bidder, Subcontractor, or key personnel: <input style="width: 150px; height: 15px;" type="text"/></p> <p>If Subcontractor, then identify the name of the Subcontractor: <input style="width: 200px; height: 15px;" type="text"/></p> <p>If key personnel, then identify the name of the key personnel: <input style="width: 200px; height: 15px;" type="text"/></p> <p>and make sure that company key personnel worked for is listed <u>above</u> as "Reference Company 1."</p> <p>Contact's name: _____ Title: _____</p> <p>Address: _____</p> <p>Phone Number: _____ Email: _____</p>

	<p>Reference Company Name No. 2: <input style="width: 300px;" type="text"/></p> <p>Is reference for the Bidder, Subcontractor, or key personnel: <input style="width: 150px;" type="text"/></p> <p>If Subcontractor, then identify the name of the Subcontractor: <input style="width: 150px;" type="text"/></p> <p>If key personnel, then identify the name of the key personnel: <input style="width: 150px;" type="text"/></p> <p>and make sure that company key personnel worked for is listed <u>above</u> as "Reference Company 2."</p> <p>Contact's name: _____ Title: _____</p> <p>Address: _____</p> <p>Phone Number: _____ Email: _____</p> <p>Reference Company Name No. 3: <input style="width: 300px;" type="text"/></p> <p>Is reference for the Bidder, Subcontractor, or key personnel: <input style="width: 150px;" type="text"/></p> <p>If Subcontractor, then identify the name of the Subcontractor: <input style="width: 150px;" type="text"/></p> <p>If key personnel, then identify the name of the key personnel: <input style="width: 150px;" type="text"/></p> <p>and make sure that company key personnel worked for is listed <u>above</u> as "Reference Company 3."</p> <p>Contact's name: _____ Title: _____</p> <p>Address: _____</p> <p>Phone Number: _____ Email: _____</p>
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	<p>Bidder(s) must provide three (3) facility references to demonstrate competency and experience. The facility references must include the name of the facility, the facility ID, a contact name, title, address, email and telephone number of the contact to verify that the Bidder has successfully provided the services offered under this solicitation.</p>
2.4.2	<p>Reference #1</p> <p>Facility name and Facility ID# _____</p> <p>Facility address _____</p> <p>Contact name and title _____</p> <p>Contact email _____</p> <p>Contact telephone number _____</p> <p>Reference #2</p> <p>Facility name and Facility ID# _____</p> <p>Facility address _____</p> <p>Contact name and title _____</p> <p>Contact email _____</p> <p>Contact telephone number _____</p>

	<p>Reference #3 Facility name and Facility ID# _____ Facility address _____ Contact name and title _____ Contact email _____ Contact telephone number _____</p>
<p>2.4.3</p>	<p>Bidder shall provide the name of the Project Manager, telephone number, emergency telephone number, and email address of the primary contact that the Bidder will assign to this project.</p> <p>Project Manager name _____ Telephone number _____ Emergency number _____ Email address _____</p>
<p>2.4.4</p>	<p>Bidder(s) must hold the following license and will be required to provide copy of the licenses with their response to this solicitation:</p> <p>A valid Visible Emissions Evaluator Certificate issued by a Training Provider meeting the requirements of subsections 62-297.320(2)-(8), of the Florida Administrative Code (F.A.C) Department of Environmental Protection (FDEP).</p> <p>Certificate number _____ Date of certification _____ Certification expiration date _____</p>

PRICE SUBMITTAL FORM

Bidder shall furnish all labor, materials, tools, equipment, transportation, license and incidentals necessary.

Hialeah/Preston Water Treatment Plant					
Item #	Reference	Description	Estimated Qty	U/M	Price per Service
1	Sec. 3.1.D	Mobilization and Demobilization.		Each	\$
2	Sec. 3.2.1	Lime Recalcing Plant # 1: PM (particulate matter) emissions.		Each	\$
3		Diesel Engine Driven Emergency Generator Sets		Each	\$
4		Diesel Engine Driven Generator Sets		Each	\$
Alexander Orr, Jr. Water Treatment Plant					
10	Sec. 3.1.D	Mobilization and Demobilization		Each	\$
11	Sec. 3.2.2	Lime Recalcing Plant # 2, (PM, NOx emissions)		Each	\$
12		Natural Gas Engine Driven High Service Water Pumps, (NOx, VE emissions)		Each	\$
13		Natural Gas Engine Driven High Service Water Pumps, (CO, O2 emissions)		Each	\$
14		Diesel Engine Driven Emergency and Standby Generator Sets, (NOx, VE emissions)		Each	\$
15		Diesel Engine Driven Generator Sets, (CO, O2 emissions)		Each	\$
Central District Wastewater Treatment Plant					
11	Sec. 3.1.D	Mobilization and Demobilization		Each	\$
12	Sec. 3.2.3	Digester Gas Engine Driven Cogenerator Sets, (NOx, VE emissions)		Each	\$
13		Digester Gas Engine Driven Cogenerator Sets, (CO, O2 emissions)		Each	\$
14		Digester Gas Engine Driven Cogenerator Sets, (VOC emissions)		Each	\$
15		Diesel Engine Driven Emergency Generator Sets, (NOx, VE emissions)		Each	\$
16		Diesel Engine Driven Generator Sets, (CO, O2 emissions)		Each	\$

South District Wastewater Treatment Plant					
Item #	Reference	Description	Estimated Quantity	U/M	Price per Service
17	Sec. 3.1.D	Mobilization and Demobilization		Each	\$
18	Sec. 3.2.4	Digester/Landfill/Natural Gas Engine Driven Cogenerator Sets, (NOx, VE emissions)		Each	\$
19		Digester/Landfill/Natural Gas Engine Driven Cogenerator Sets, (CO, O2, emissions)		Each	\$
20		Digester/Landfill/Natural Gas Engine Driven Cogenerator Sets, (VOC emissions)		Each	\$
21		Diesel Engine Driven Emergency Generator Sets, (NOx, VE emissions)		Each	\$
22		Diesel Engine Driven Generator Sets, (CO, O2 emissions)		Each	\$
North District Wastewater Treatment Plant					
23	Sec. 3.1.D	Mobilization and Demobilization		Each	\$
24	Sec. 3.2.5	Diesel Engine Driven Emergency Generator Sets, (NOx, VE emissions)		Each	\$
25		Diesel Engine Driven Generator Sets, (CO, O2 emissions)		Each	\$
Sewage Pump Station Number One(4th Street)					
26	Sec. 3.1.D	Mobilization and Demobilization.		Each	\$
27	Sec. 3.2.6	Diesel Engine Driven Sewage Pumps, (NOx, VE emissions)		Each	\$
28		Diesel Engine Driven Sewage Pumps, (CO, O2 emissions)		Each	\$
Other Miami-Dade County Treatment Plants and Various Water Pumping and Sewage Transmission Facilities					
29	Sec. 3.1.D	Mobilization and Demobilization		Each	\$
30	Sec. 3.2.7	Engine Driven Pump and Generator Sets, (VE only)		Each	\$
31		Engine Driven Pump and Generator Sets, (NOx, VE emissions)		Each	\$
32		Engine Driven Pump and Generator Sets, (CO, O2 emissions)		Each	\$
33		Four Stroke Rich Burn (4SRB) Engine Driven Pump and Generator Sets, (Simultaneous measurement of O2 & CO)		Each	\$
34		Standby and Diagnostic Testing: Emission Testing Methods		Hour	\$