

ISSUING DEPARTMENT INPUT DOCUMENT

CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

New
 OTR
 Sole Source
 Bid Waiver
 Emergency
 Previous Contract/Project No. 7700-1/21-1

Re-Bid
 Other – Access of Other Entity Contract
 LIVING WAGE APPLIES: YES NO

Contract No.: FB-01606
 TERM OF CONTRACT 5 YEAR(S) WITH 0 YEAR(S) OTR

Requisition /Project Title: WATER AND WASTE WATER TREATMENT SERVICES

Description: The purpose of this solicitation is to establish a contract for the purchase of water and waste water treatment services at several facilities throughout Miami-Dade County.

Issuing Department: ISD/
 Contact Person: Martha Garofolo
 Phone: 305-375-4265

Estimate Cost: \$4,367,000

Funding Source:
 GENERAL X \$140K
 FEDERAL
 PROPRIETARY X \$6,000,000

ANALYSIS

Commodity Codes:	890-08	62600	601	620	640
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: 11/2/20
	Date returned to SPD:

SECTION 2
SPECIAL TERMS AND CONDITIONS

2.1 PURPOSE

The purpose of this solicitation is to establish a contract for the purchase of water and wastewater treatment services and Operation & Maintenance of a Sequential Batch Reactor and Related Appurtenances at several facilities throughout Miami-Dade County.

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 Blanket Purchase Order issued by the Internal Services Department, Strategic Procurement Division. The contract shall expire on the last day of the last month of the five-year term.

2.3 METHOD OF AWARD GROUPS A, B and C

Group A: Water Treatment Service for Miami-Dade Aviation Department (MDAD)

Group B: Wastewater Treatment Facility for Parks Recreation and Open Spaces (PROS)

Group C: Operation & Maintenance of a Sequential Batch Reactor and Related Appurtenances for Department of Solid Waste Management (DSWM)

Award will be made to the lowest priced responsive, responsible Bidder on a group-by-group basis and whose offer represents the lowest price when all items within the group are added in the aggregate and who meets the minimum requirements below. In order to be considered for award, Bidders must submit an offer for all items listed within each group. Bidders may bid on any or all groups. The Bidder's prices for each group will be determined by multiplying the estimated quantity by unit price per item and then totaling the resultant amount for all items in the group. If a Bidder fails to submit an offer for all items within the group, its offer for that specific group may be rejected.

2.4 MINIMUM REQUIREMENTS

GROUP A - B

- 2.4.1.** Bidder shall be regularly engaged in the business of providing water and wastewater treatment services as required in this solicitation. Bidder must submit three (3) references that shall be customers for which the Bidder has provided the services described in this solicitation. If the Bidder is using a County department as a reference, the County will only accept one (1) reference from any County department. The other references must be from non-Miami-Dade County departments. The references must include the customer's name, contact person's name, title, telephone number, email address, project's name, start and end dates. These references shall ascertain to the County's satisfaction that the Bidder has sufficient experience and expertise in wastewater treatment services.
- 2.4.2** 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.
- 2.4.3** Bidder shall submit a copy of their Class D Water and Wastewater Operator Certificate from the Florida Department of Environmental Protection (FDEP).

- 2.4.4 Bidder shall submit a copy of their current Miami-Dade County Master Plumber Certificate of Competency or a State of Florida Certified Plumbing Contractor license.

GROUP –C

5. Bidder shall submit a copy of their current Class A, Wastewater Treatment Plant License issued by the Florida Department of Environmental Protection. A subcontractor cannot fulfill this requirement. The "Class A" license shall be kept current during the term of the contract.
6. Bidder shall have a minimum of five years' experience, a) operating and maintaining a wastewater treatment plant, and/or b) operating and maintaining a water remediation system involving aerobic and anaerobic biological treatment, ground water extraction and injection wellfields, and meeting sanitary sewer pretreatment standards. Bidder must submit three (3) references that shall be customers for which the Bidder has provided the services described in this solicitation. If the Bidder is using a County department as a reference, the County will only accept one (1) reference from any County department. The other references must be from non-Miami-Dade County departments. The references must include the customer's name, contact person's name, title, telephone number, email address, project's name, start and end dates. These references shall ascertain to the County's satisfaction that the Bidder has sufficient experience and expertise in wastewater treatment services.
7. Bidder shall provide a copy of Osha Hazwoper Certificate for each employee that will be working at the SBR facility. All personnel staffing the facility will be 40 Hour Osha Hazwoper certified, and shall be trained in lock-out and tag-out and confined space entry procedures contained in 29 CFR 1910 at least annually.

2.5 **PRICES**

The prices offered shall be deemed to provide full compensation to the Bidder for labor, equipment use, travel time, and any other element of cost or price. Additional charges or surcharges will not be allowed.

2.6 **FIXED PRICE WITH ECONOMIC PRICE ADJUSTMENTS GROUP A and B**

The initial contract prices resulting from this solicitation shall remain fixed for a period of no less than 12 months from date of bid solicitation opening. Following the initial 12 month period, the fixed prices may be adjusted upward or downward on a yearly basis based on changes to the following price index: Consumer Price Index, All Urban Consumers, All Items, in the Miami-Fort Lauderdale Areas.

It is the Bidder's responsibility to request any pricing adjustments under this provision. For any adjustment to be considered, the Bidder's request for adjustment shall be submitted to the Internal Services Department, Strategic Procurement Division, no less than 90 calendar days prior to the anniversary date. The Bidder's adjustment request may not be in excess of the relevant documented pricing index.

Any adjustment request received after 90 calendar days from the anniversary date shall not be accepted. If no adjustment request is received from the Bidder, the County will assume that the Bidder has agreed that the next 12 month period will be without any upward price adjustment. The County reserves the right to negotiate lower pricing based on market research information or other factors that influence price. The County reserves the right to apply any reduction in pricing for the next 12 month period based on the downward movement of the appropriate index.

**2.7 FIXED PRICE WITH ECONOMIC PRICE ADJUSTMENTS GROUP - C
PENDING INFORMATION FROM BLS**

~~The initial contract prices resulting from this solicitation shall remain fixed for a period of no less than 12 months from date of bid solicitation opening. Following the initial 12 month period, the fixed prices may be adjusted upward or downward on a yearly basis based on changes to the following price index: Consumer Price Index, All Urban Consumers, All Items, in the Miami-Fort Lauderdale Areas.~~

~~It is the Awarded Bidder's responsibility to request any pricing adjustments under this provision. For any adjustment to be considered, the Awarded Bidder's request for adjustment should be submitted to the Internal Services Department, Strategic Procurement Division, no less than 90 calendar days prior to the anniversary date. The Awarded Bidder's adjustment request may not be in excess of the relevant documented pricing index.~~

~~Any adjustment request received after 90 calendar days from the anniversary date shall not be accepted. If no adjustment request is received from the Awarded Bidder, the County will assume that the Awarded Bidder has agreed that the next 12 month period will be without any upward price adjustment. The County reserves the right to negotiate lower pricing based on market research information or other factors that influence price. The County reserves the right to apply any reduction in pricing for the next 12 month period based on the downward movement of the appropriate index.~~

GROUP A – B –C

2.8 EXAMINATION OF SITE (RECOMMENDED) NEED SITE VISIT INFORMATION

Prior to submitting its offer it is advisable that the Bidder 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. Bidders are advised to examine carefully specifications and to become thoroughly aware regarding any and all conditions and requirements that may in any manner affect the work to be performed under the contract. No additional allowances will be made because of lack of knowledge of these conditions.

2.9 INSURANCE 10/27/20 NEED TO SEND TO RISK AGAIN GROUP – C ADDED

Bidder shall furnish to the Outreach, Compliance and Support Team of SPD, 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 Contractor as required by Florida Statute 440.
- B. Commercial General Liability Insurance in an amount not less than \$300,000 per occurrence, and \$600,000 in the aggregate. **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.

2.10 METHOD OF PAYMENT GROUP A - B

Bidder shall submit an all-inclusive lump sum monthly invoice for services performed on a daily/monthly basis and separate lump sum quarterly invoice for services provided on a quarterly basis to the respective County department. Bidder shall provide corresponding dump ticket with invoice for payment.

METHOD OF PAYMENT GROUP - C

The County will reimburse the vendor monthly, an amount equal to one twelfth of the total annual cost for providing the scope of work, and for operating expenses, commencing 30 days from the effective date of the contract. The Bidder shall invoice the County at the end of the month for which the compensation is due. Compensation will be based on the following components: a) One twelfth of the yearly maintenance and operating costs; 2) costs for additional engineering and other services requested in writing by the County's Project Manager; 3) costs for any additional repair or maintenance costs approved in writing by the County's Project Manager; 4) costs for emergency service/work; and 5) **monthly cost of Methanol, based on the lowest bid received annually.** Prior written approval, except in the case of an emergency, for any cost not considered a standard service or operating expense, must be approved by the County's Project Manager.

2.10 ADDITION / DELETION OF FACILITIES / ADDITIONAL SERVICES

Although this solicitation identifies specific facilities to be serviced, it is hereby agreed and understood that any County department or agency may add or delete services for any facility(ies). The Bidder will be notified fourteen (14) calendar days prior to deletion of a service that is no longer required.

2.12 PURCHASE OF OTHER ITEMS OR SERVICES 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 all awarded Bidder to obtain a price quote for the similar services and or items as applicable. If the County determines that the price submitted by the awarded Bidder is not competitive, the County reserves the right to acquire the services through a separate solicitation.

SECTION 3

SCOPE OF WORK/TECHNICAL SPECIFICATIONS

3.1 SCOPE

The purpose of this solicitation is to establish a contract for the purchase of water and wastewater treatment services and Operation & Maintenance of a Sequential Batch Reactor and Related Appurtenances at several facilities throughout Miami-Dade County.

3.2 LOCATIONS

The Locations are as follows:

Group-A

Homestead General Airport
28700 SW 217th Avenue, Building #1, 2, 5, 6 and 10
Homestead, Florida 33030

Training and Transition Airport
54555 Tamiami Trail East, Building #2, 5, 6 and 10
Ochopee, Florida 33943

Group-B

Miami-Dade Park and Recreation Homestead Bayfront Park
9698 SW 328th Street
Miami, Florida 33128

Group-C

South Dade Landfill (SDL)
23707 S.W. 97 Avenue
Miami, Florida

3.3 Group A - Water Treatment Service for Aviation

The Bidder is to provide monthly chlorination and water softening treatment services of wells at Homestead General Airport 28700 SW 217th Avenue, Homestead, Florida 33030, Building #1, 2, 5, 6 and 10, and to provide monthly chlorination services of wells at Training and Transition Airport – 54555 Tamiami Trail East, Ochopee, Florida 33943, Building #2, 5, 6 and 10. Water to be chlorinated at no less than 2PPM and water test failure shall be the Bidders' responsibility and must be corrected within 48 hours. Pumps maintenance will be performed by Miami-Dade Aviation Department (MDAD) personnel.

3.4 Group B – Wastewater Treatment Facility for PROS

Miami-Dade Parks and Recreation has constructed a 15,000 gallon per day wastewater treatment facility at Homestead Bayfront Park which is located at 9698 SW 328th Street, Miami, Florida 33128. The facility consists of an activated sludge process operated in the extended aeration mode with a tertiary filter, located near the entrance to the park. Waste sludge will be hauled to a municipal wastewater treatment facility for disposal.

Well water purification system repairs to be performed on this contract shall include the following components: Chlorinator unit, regulator, all sensor and electronic controls; including all gas leaks and or any deficiencies which would render the system to not operate in compliance to Health Department potable water sanitation standards.

3.4 Group C – Operation & Maintenance of a Sequential Batch Reactor and Related Appurtenances

DSWM owns a Sequencing Batch Reactor (SBR) facility used to treat wastewater in the County. The SBR facilities are located at the South Dade Landfill (SDL), 23707 S.W. 97 Avenue, Miami, Florida which has been operational since March 2001. The SBR at the SDL is designed to pre-treat leachate to meet the General Pretreatment Standards for sewer discharges contained in Chapter 24-42.4 of the Miami-Dade County Code. Additionally, there are groundwater extraction wells associated with the SBR that are part of this solicitation and shall hereby be referred to as the SBR System.

3.5 MONTHLY SERVICE GROUPS A – B - C

The services to be provided shall include all operation, maintenance service, monitoring and reporting services performed by the Bidder to keep the treatment facility in compliance with the requirements of the FDEP as contained in their Permit No. FLA550477 dated August 3, and any other governmental agency having jurisdiction including the Miami-Dade County Regulatory Economic Resources (RER).

It is understood that any service calls other than the daily site services shall constitute special operations, breakdowns or emergency service.

3.6 METER READING GROUP – B

Bidder shall provide a meter reading when pumping at beginning and ending of pumping operation for each location prior to delivering to Water and Sewer Department.

3.7 SERVICES AND REQUIREMENTS GROUP B – C

Bidder is required to provide service to each location using the frequencies required by the permit for that specific location. During the period of operation authorized by the permits, the Bidder shall complete and submit Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the report

3.8 WARRANTY REQUIREMENTS GROUP B - C

A. Type of Warranty Coverage Required

In addition to all other warranties that may be supplied by the Bidder, the Bidder shall warrant its products and/or service against faulty labor and/or defective material, for a minimum period of ninety (90) days after the date of acceptance of the labor, materials and/or equipment by the County. This warranty requirement shall remain in force for the full ninety (90) day period; regardless of whether the Bidder is under contract with the County at the time of defect. Any payment by the County on behalf of the goods or services received from the Bidder does not constitute a waiver of these warranty provisions.

B. Correcting Defects Covered Under Warranty

The Bidder shall be responsible for promptly correcting any deficiency, at no cost to the County, within two (2) calendar days after the County notifies the Bidder of such deficiency in writing.

If the Bidder fails to honor the warranty and/or fails to correct or replace the defective work or items within the period specified, the County may, at its discretion, notify the Bidder, in writing, that the Bidder may be debarred as a County Bidder and/or become subject to contractual default if the corrections or replacements are not completed to the satisfaction of the County within two (2)

calendar days of receipt of the notice. If the Bidder fails to satisfy the warranty within the period specified in the notice, the County may (a) place the Bidder in default of its contract, and/or (b) procure the products or services from another source and charge the Bidder for any additional costs that are incurred by the County for this work or items; either through a credit memorandum or through invoicing.

3.9 DEFICIENCIES IN WORK TO BE CORRECTED BY THE BIDDER GROUPS A – B – C

The Bidder 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.

All corrections shall be made within two (2) calendar days after such rejected defects, deficiencies, and/or non-conformances are verbally reported to the Bidder by the County's project administrator, who may confirm all such verbal reports in writing.

The Bidder shall bear all costs of correcting such rejected work. If the Bidder fails to correct the work within the period specified, the County may, at its discretion, notify the Bidder, in writing, that the Bidder is subject to contractual default provisions if the corrections are not completed to the satisfaction of the County within two (2) calendar days of receipt of the notice. If the Bidder fails to correct the work within the period specified in the notice, the County shall place the Bidder in default, obtain the services of another Bidder to correct the deficiencies, and charge the incumbent Bidder for these costs; either through a deduction from the final payment owed to the Bidder or through invoicing. If the Bidder fails to honor this invoice or credit memo, the County may terminate the Bidder for default.

3.10 HOLIDAY AND EMERGENCY SERVICE GROUPS A – B – C

The Bidder shall provide 24 hours, 7 days per week emergency service to the County under the contract. During regular working hours (Monday through Friday 8:00 A.M. to 5:00 P.M.), emergency service response time (defined as the time from acknowledged notification to arrival on-site) shall be within two (2) hours after notification by the County. During other than regular working hours, the emergency response time, as defined above, shall be within four (4) hours after notification by the County. The Bidder shall not provide any personnel for regular services to the County departments on holidays officially observed by the County unless such services are approved by the County. If regular services are required on official holidays observed by the County, the County will notify the Bidder.

The holidays currently observed by Miami-Dade County are: New Year's Day, Martin Luther King Jr.'s Birthday, President's Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, Friday after Thanksgiving, and Christmas.

3.11 DESCRIPTION OF FACILITY AND DESIGN CAPABILITIES GROUP – C

The SBR was designed by Fluidyne IT Corporation. The plant's capacity is 0.32 million gallons per day (gpd). The annual average daily flow over the two years covering 2018 to 2020 has been approximately 75,000 gpd. However, the flow is separated into two distinct seasons, a wet season (April through September) and a dry season (October through March). Flows during the wet season average approximately 100,000 gpd, and during the dry season they average approximately 50,000 gpd. The SDL SBR leachate treatment system includes the associated piping, and pumps monitoring gauges, berms and liners and a series of fourteen low volume groundwater extraction wells, and other associated structures and appurtenances which are also covered by the requirements of this solicitation. Influent for the SBR includes raw leachate and untreated groundwater generated at SDL. Once the influent is pretreated, the effluent is discharged to a sanitary sewer. Effluent shall at all times meet the design specifications, and the Miami-Dade County Sewer Discharge Standards contained in Chapter 24-42.4 2 of the Miami-Dade County Code. In addition, the SBR leachate

treatment system shall be operated in accordance with Chapter 62.701 F.A.C. in order to ensure compliance.

3.12 SERVICES TO BE PROVIDED

The Bidder shall provide the following services, and shall consider all such work part of the standard services and operating expenses:

- 1) Provide consultation and recommendations to the County and serve as the County's representative to regulatory agencies and Miami-Dade residents in matters related to the operation of the SBR System, including written reports and presentations that may be requested by DSWM.
- 2) Conduct, oversee and ensure regulatory compliance, of the operation of the SBR System with all local, state, and federal regulatory requirements including those stipulated in this Contract.
- 3) Maintain staff on-site a minimum of 5 hours per day, seven days per week between 6 AM and 6 PM to ensure the proper operation and regulatory compliance of the SBR system. The Bidder shall respond within 3 hours to a call from the SBR's auto-dialer or other remote monitoring device.
- 4) Arrange and maintain records for the SBR System.
- 5) Provide technical and analytical services as requested and in conjunction with routine day-to-day operations and samplings specified as specified in the solicitation, including the monitoring and preparation of all reports. Routine sampling and analysis for process control can be self-performed by the Bidder. Routine analysis of process control samples of all effluent and influent are to be performed at least twice daily and at a minimum include: ammonia, unionized ammonia, nitrate, pH, and temperature. When sampling for regulatory compliance a laboratory certified by the National Environmental Laboratory Accreditation Conference (NELAC) shall be used.
- 6) Provide security and maintenance for the SBR facility's building, immediate grounds and landscaping. The SBR facility shall remain locked and secured when unattended. Fences, gates, and locks shall be maintained in good working order. Landscaping shall be neatly maintained and the grounds shall be clean, neat and litter free at all times. Buildings, wells, tanks, and all other associated structures are to be maintained and cleaned.
- 7) Perform maintenance, at a minimum in accordance with SBR Preventative Maintenance Schedule, Table 1, Attachment 1 to assure proper operation of the facility and compliance with all local, State and Federal guidelines and regulations. The Bidder may revise the schedule, if needed, but any revision shall be approved by the County's Project Manager. All repairs under \$1,500 (individually not in aggregate) are the responsibility of the Bidder. Repairs to the associated groundwater extraction wells under \$500, are the responsibility of the Bidder.

3.13 RESPONSIBILITIES

- 1) Furnish all labor, materials, parts, equipment, chemicals, transportation, and supervision necessary to provide the services required under this contract. Services may include, but are not limited to, daily operations, maintenance of the SBR facilities and associated groundwater extraction well fields, regulatory testing and reporting, equipment upgrades, repairs, and rehabilitation of the SBR System, and any operational needs as requested by the County.
- 2) Assume responsibility for all expenses incurred in the operation and maintenance of the SBR System, including chemicals, parts, and all supplies. The Bidder shall also provide all necessary staffing and

equipment required to provide these services, including vehicles, personnel, preventive and corrective maintenance including those listed in Attachment 1, contracted services, procurement of materials and supplies including the replacement of parts attributable to normal wear and tear, and other wastes generated by the SBR System. All such costs shall be considered part of the standard services and operating expenses.

- 3) Provide the County's Project Manager with an initial inventory of spare parts, materials and chemicals. The Bidder shall be responsible for maintaining all inventories and supplies for the SBR System as described herein and shall maintain a spare parts inventory. All costs for stocking of the inventory shall be considered part of the Bidders standard services and operating expenses.
- 4) Provide at all times, when presented with valid identification, supervised access to the SBR facilities for approved County personnel, County authorized agent's consultants, guests, and employees.
- 5) Provide supervised access to the SBR facilities for regulatory agency officials conducting inspections or any duties required by law or permit condition.
- 6) Provide all SBR System's operating manuals, specification booklets, reports, records, data, software and information including, but not limited to, operation reports, treatment system performance reports, reports required by this contract, and regulatory agency inspection reports. Laboratory data shall be maintained in good order by the Bidder, and shall remain the property of the County. All site-specific operating procedure guidelines, preventive maintenance and safety programs, and plant evaluation reports and data shall remain the property of the County.
- 7) The SBR is equipped with an auto-dialer or other remote monitoring device that notifies the Bidder of problem with system. There is a recurring monthly cost associated with the auto-dialer/remote monitoring equipment that shall be assumed and paid by the Bidder. The Bidder shall assign staff to be on call seven days a week and will respond to calls made by the auto-dialer/remote monitoring device within 3 hours. In the event of such an emergency or auto-dialer/remote monitoring device notification Bidder staff shall respond in accordance with its best professional judgment, to prevent any threatened damage, injury or loss. Such notifications shall be immediately communicated to the County's Project Manager with a written follow-up report issued within 24 hours.
- 8) Provide prompt written notice to the County whenever it observes or becomes aware of any development that affects the scope or performance of the terms and conditions of this Contract.

3.14 REGULATORY NONCOMPLIANCE

The Bidder shall pay for all penalties or fines imposed on the County as a result or consequence of the Bidder's failure to meet any and all reporting and record keeping requirements and violations of permit discharge limits unless the violations are attributable to the following:

- 1) Influent flows and pollutants which are not within the design capabilities of the SBR System, including but not limited to oil, heavy metals, other toxic substances, excessive suspended solids, and excessive organic loading unless conditions were caused through the actions of the Bidder, its employees, subcontractors, or suppliers.
- 2) The malfunction or failure(s) of equipment giving rise to a violation, which is not due to the negligence of the Bidder.

3.15 MIAMI-DADE COUNTY'S RESPONSIBILITY

- 1) Reimburse the Bidder for expenditures for equipment (with prior written approval by the County) over \$1,500 (individually not in aggregate) involving corrective repairs and replacements, except in the case of misuse, negligent acts, errors, or intentional or unintentional omissions by the Bidder to the SBR facility.
- 2) Pay for all utilities at both SBR facilities, excluding the costs associated with the regular operation of the auto dialer/remote monitoring device.
- 3) Provide the Bidder use of all existing equipment at the SBR facilities necessary for the operation and maintenance of the SBR.
- 4) Maintain and repair all water services, distribution mains, pump stations, and other appurtenances not constituting but connecting to the SBR facilities.

3.16 SAMPLING REPORTING AND OTHER REQUIREMENTS

- 1) Prepare at a minimum monthly reports that may be required by the County, local, state and federal agencies. All reports are to be provided to the County as hard copies and in electronic format.
- 2) Maintain all records deemed useful by the County to monitor and control the operation of the SBR System.
- 3) Unless otherwise indicated above, the Bidder shall consider all such work part of the standard services and operating expenses.

3.17 REPORTING SCHEDULE

Task	Report Types	Report Description	Due Dates
A.	Annual Operating Maintenance and Repair Report	The Bidder shall provide an annual operating report for the SBR system. Report information shall include, but not be limited to, facility maintenance issues and the quantity and quality of the effluent. This report shall include at a minimum: quality and quantity of influent and effluent treated per week, average tank levels by week, average influent stored at SBR by week; tank inspection records, any interruption in the operation of a facility and the reason for the interruption; a narrative discussing plant operation and maintenance, detailed maintenance records or tables including all dispersals from a facility's inventory and date and reason for dispersal, and replacement date of the items in a facility's inventory.	January 31 of each year.

B	Monthly Operating Maintenance and Repair Report	The Bidder shall provide a monthly operating report for the SBR System. Information shall include at a minimum: quantity and quality of influent by day, quantity and quality of effluent by day, tank levels by day, influent stored at SBR by day; tank inspection records, a narrative discussing plant operation and maintenance, detailed maintenance records and daily rainfall data.	Monthly
C.	Twice Daily Sampling of the SDL SBR effluent	Routine samples for process control can be self-performed by the Bidder. Routine analysis of process control samples of all effluent and influent are to be performed at least twice daily and at a minimum include: ammonia, unionized ammonia, nitrate, pH, and temperature.	Monthly
D.	Monthly Monitoring of Groundwater Recovery at the SDL Low Volume Wells	Each well has a flow meter to be read bi-weekly. (Additionally, the totalizing flow meter is to be read bi-weekly. Total flow and per well flow is to be quantified and reported.	Monthly

3.18 SAMPLING AND REPORTING

All required reports shall clearly identify the facility name, ID Number, location of samples, date of sampling, date of recording, the operators' name, telephone number and type of data shown. The lead plant operator must sign and date each report. In the case of regulatory sampling; reports must include a copy of the raw data from the reporting laboratory or routine process control sample technician'. The laboratory data must be in the FDEP format.

Data must be in the FDEP format. Sample results elevated above background levels shall be noted and long and short-term trend analyses shall be included in each report. Short-term analyses shall be considered the previous 12 months. Long-term analyses shall be considered as all available data. Tables and graphics depicting performance of the injection wells, based on the data from the in-line pressure gauges, shall also be provided.

3.19 LATE REPORTING FEES

The Bidder shall submit all reports identified in this solicitation in a timely manner. A late reporting fee shall be imposed for each late report, including revisions that are not submitted to the County on the due dates identified above. The County's Project Manager will provide a written notification to the Bidder of any late submittals and the Bidder shall have 24 hours to cure. The County will assess \$500 per day from subsequent payments due for service rendered by the Bidder as a late reporting fee. All determinations regarding late reporting fees by the County's Project Manager are final.

3.20 ADDITIONAL SERVICES

At the County's discretion, the Bidder may be required to perform related additional services on an as needed basis, which may be required to address compliance, design or construction issues as may be needed or required by regulatory agencies and for continuous operation of the SBR System. Examples of such additional services would include: transportation and disposal of sludge, engineering for capital replacement needs; assistance with permitting; any design or service change required by new or revised laws, rules, regulations or code requirements; new or amended orders of any public authority or court. At the County's request, the Bidder shall provide a format written scope of work and price to be submitted for review and approval (hourly rates cannot exceed those provided on Section 4 Bid Submittal Form) by the County's Project Manager. The County's written authorization shall precede commencement of any work.

3.21 COMPENSATION

The County will reimburse the Bidder monthly, an amount equal to one twelfth of the total annual cost for providing the scope of work, and for operating expenses, commencing 30 days from the effective date of the contract. The Bidder shall invoice the County at the end of the month for which the compensation is due. Compensation will be based on the following components: a) One twelfth of the yearly maintenance and operating costs; 2) costs for additional engineering and other services requested in writing by the County's Project Manager; 3) costs for any additional repair or maintenance costs approved in writing by the County's Project Manager; 4) costs for emergency service/work; and 5) monthly cost of **Methanol, based on the lowest bid received annually**. Prior written approval, except in the case of an emergency, for any cost not considered a standard service or operating expense, must be approved by the County's Project Manager.

**ATTACHMENT 1
SBR Preventative Maintenance Schedule, Table 1**

Task#*	Task	Hours	Daily	Weekly	Monthly	Three Months	Six Months	Yearly	As Necessary	Notes
17	Check/Replace Panel Lights				x					
18	Check/Replace Site Lighting				x					
19	Replace Chemical System Check Valves & Cartridge Valves							x		
20	Inspect and Repair Ship Ladders, Stairways and Platforms							x		
21	Inspect Adjust, Replace Tanks' and Structures' Cathodes Protection							x		
22	Internal Tank Inspection							x		One Tank/ Yr. on Rotating Basis
23	Inspect, Repair, Replace, Pump Blower, Compressor Mounts				x					
24	Inspect, Adjust, Repair, Replace Swing Joint							x		At Time of Tanks Inspections
25	Clean Flow meters			x						
26	Zero Magnetic Gauges						x			
27	Replace Battery in PLC								x	Every Two Years
28	Calibration and Performance Check of Sensors/Monitoring Equipment			x						Minimum Specified; More Frequently Based on Manufacturers' Recommendations for Specific Equipment Yearly for Factory Calibration
29	Check and Adjust all Electric Valve Actuators							x		
30	Inspect & Repair All Supports, Bolt Holes and Welds for Wear Cracking and Misalignment; Torque all Bolts and Anchor Bolts							x		
31	Check All Motor Starters for Pitting; Replace if Pitted							x		

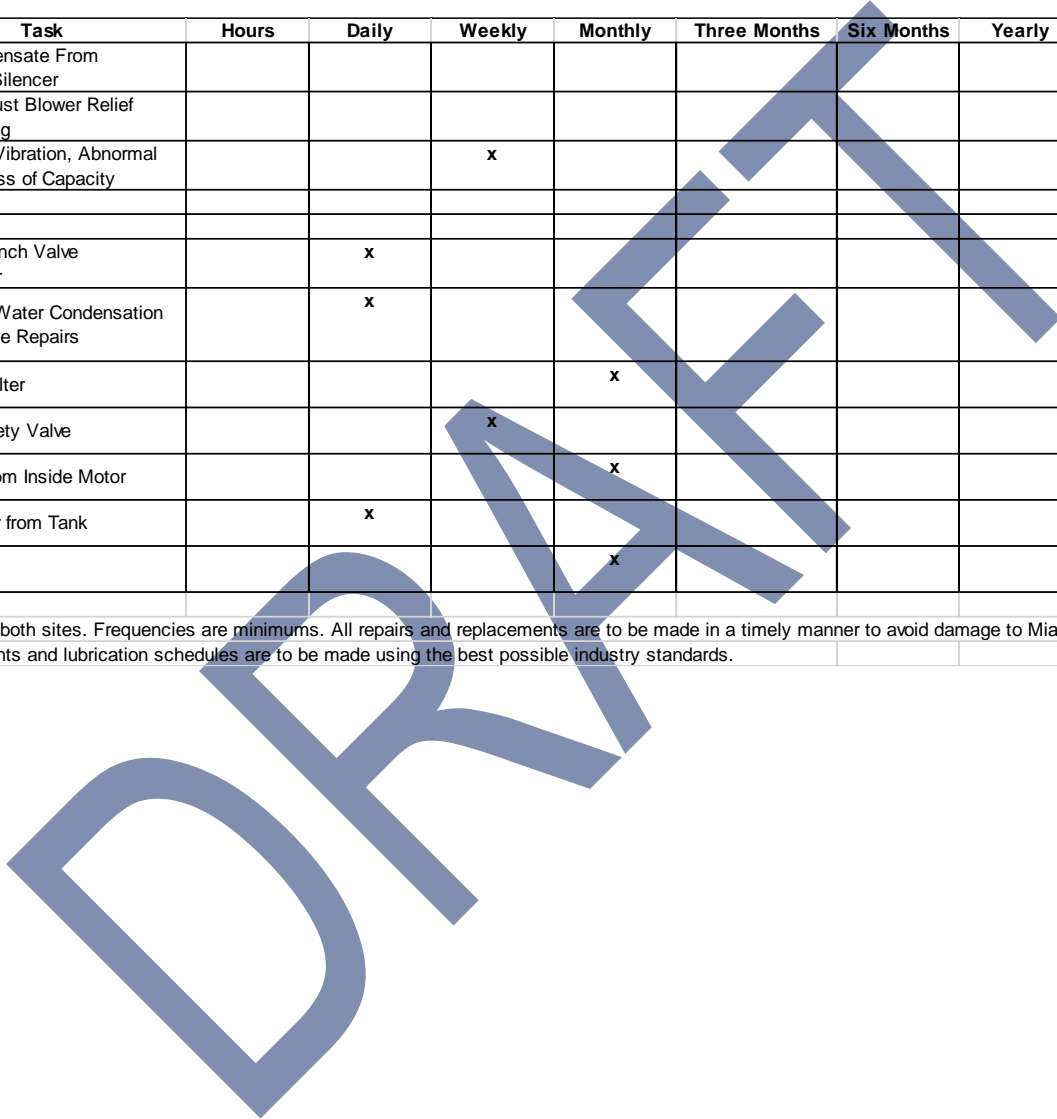
**ATTACHMENT 1
SBR Preventative Maintenance Schedule, Table 1**

Task#*	Task	Hours	Daily	Weekly	Monthly	Three Months	Six Months	Yearly	As Necessary	Notes
32	Check and Clean Solids from Equipment								x	
33	Check All Nozzles and Piping for Clogging and Clean								x	
34	Check, Repair, Torque Decanter Knee Braces								x	
35	Check All Pumps, Blowers, Valves etc. for Electrical Performance	2000					x			Whichever Occurs First
36	Check replace or recharge site and office fire extinguishers							x		
Pumps*										
1	Inspect/Repair Seal Box	150								
2	Lubricate, Repair, Replace Bearings	2000								
3	Inspect, Lubricate, Repair, Replace Motor Bearings and Assembles							x		
4	Inspect, Lubricate, Repair, Replace Couplings							x		
5	Inspect for Vibration, Abnormal Noise or Loss of Capacity			x						
6	Rotate Shafts on Stored Mechanical Equipment								x	Every Two (2) Weeks
Blowers*										
1	Inspect, Re-tension, Repair, Bolts and Pulleys	500								
2	Clean Filter				x					
3	Replace Filters							x		
4	Replace Blower Oil	1500								
5	Replace Blower Grease	500								
6	Replace Motor Grease								x	Every Nine (9) Months
7	Replace Belts								x	Every Two (2) Years

**ATTACHMENT 1
SBR Preventative Maintenance Schedule, Table 1**

Task#	Task	Hours	Daily	Weekly	Monthly	Three Months	Six Months	Yearly	As Necessary	Notes
8	Drain Condensate From Discharge Silencer								x	Every Two (2) Months
9	Check, Adjust Blower Relief Valve Setting								x	Every Two (2) Months
10	Inspect for Vibration, Abnormal Noise or Loss of Capacity			x						
Compressors*										
1	Exercise Pinch Valve Compressor		x							
2	Inspect for Water Condensation in Oil; Initiate Repairs		x							Repair, Replace or Modify System to Prevent Condensation
3	Clean Air Filter				x					
4	Inspect Safety Valve			x						Repair or Replace
5	Blow Dirt from Inside Motor				x					
6	Drain Water from Tank		x							
7	Change Oil				x					

* All tasks apply to equipment at both sites. Frequencies are minimums. All repairs and replacements are to be made in a timely manner to avoid damage to Miami-Dade County property and equipment. All repairs, replacements, adjustments and lubrication schedules are to be made using the best possible industry standards.



Reference Section	Minimum Requirements	Initial as completed
Section 2, Paragraph:	Reference #1	
GROUP A-B 2.4.1	<p>Bidder shall be regularly engaged in the business of providing water and wastewater treatment services as required in this solicitation. Bidder must submit three (3) references that shall be customers for which the Bidder has provided the services described in this solicitation. If the Bidder is using a County department as a reference, the County will only accept one (1) reference from any County department. The other references must be from non-Miami-Dade County departments. The references must include the customer's name, contact person's name, title, telephone number, email address, project's name, start and end dates. These references shall ascertain to the County's satisfaction that the Bidder has sufficient experience and expertise in wastewater treatment services.</p>	
	<p>Company Name:</p>	
	<p>Contact Name: Title:</p>	
	<p>Telephone Number:</p>	
	<p>Email Address:</p>	
	Reference #2	
	<p>Company Name:</p>	
	<p>Contact Name: Title:</p>	
	<p>Telephone Number:</p>	
	<p>Email Address:</p>	
	<p>Project name:</p>	
	Reference #3	
	<p>Company Name:</p>	
	<p>Contact Name: Title:</p>	
	<p>Telephone Number:</p>	
	<p>Email Address:</p>	
	<p>Project name:</p>	
	<p>Project Start and End Dates:</p>	

Section 2, Paragraph 2.4.2	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.	
	Project Manager Name: Telephone Number: Emergency Telephone Number: Email Address:	
Section 2, Paragraph 2.4.3	Bidder shall submit a copy of their Class D Water and Wastewater Operator Certificate from the Florida Department of Environmental Protection (FDEP).	
Section 2, Paragraph 2.4.4	Bidder shall submit a copy of their current Miami-Dade County Master Plumber Certificate of Competency or a State of Florida Certified Plumbing Contractor license.	
GROUP - C Section 2, Paragraph 2.4.5	Bidder shall submit a copy of their current Class A, Wastewater Treatment Plant License issued by the Florida Department of Environmental Protection. A subcontractor cannot fulfill this requirement. The "Class A" license shall be kept current during the term of the contract.	
Section 2, Paragraph 2.4.6	Bidder shall have a minimum of five years' experience, a) operating and maintaining a wastewater treatment plant, and/or b) operating and maintaining a water remediation system involving aerobic and anaerobic biological treatment, ground water extraction and injection wellfields, and meeting sanitary sewer pretreatment standards. Bidder must submit three (3) references that shall be customers for which the Bidder has provided the services described in this solicitation. If the Bidder is using a County department as a reference, the County will only accept one (1) reference from any County department. The other references must be from non-Miami-Dade County departments. The references must include the customer's name, contact person's name, title, telephone number, email address, project's name, start and end dates. These references shall ascertain to the County's satisfaction that the Bidder has sufficient experience and expertise in wastewater treatment services.	
	Reference #1	
	Company Name:	
	Contact Name: Title:	
	Telephone Number:	
	Email Address:	
	Project name:	
	Project Start and End Dates:	

Reference #12	
Company Name:	
Contact Name:	Title:
Telephone Number:	
Email Address:	
Project name:	
Project Start and End Dates:	

Reference #3	
Company Name:	
Contact Name:	Title:
Telephone Number:	
Email Address:	
Project name:	
Project Start and End Dates:	

Section 2, Paragraph 2.4.7	Bidder shall provide a copy of Osha Hazwoper Certificate for each employee that will be working at the SBR facility. All personnel staffing the facility will be 40 Hour Osha Hazwoper certified, and shall be trained in lock-out and tag-out and confined space entry procedures contained in 29 CFR 1910 at least annually.

Note: All bidders are requested to submit with their bid submission, documents as evidence of compliance with the minimum qualification requirements; however, Miami-Dade County may, at its sole discretion, allow the bidder to complete or supplement the qualification requirements information/documents during the bid evaluation period.

Group A - Homestead General Airport and Training and Transition (T&T) Airports			
ITEM	ESTIMATED TIMEFRAME	DESCRIPTION	UNIT PRICE
1	60 Months	Monthly charge for five (5) sites Well Chlorination and Water Softening Treatment services at Homestead General Airport	
		Administrative Building	\$
		Skydive Building	\$
		Maintenance Building	\$
		Roberts Air	\$
		Building 1,2,5,6,10 – 28700 SW 217 Avenue, Homestead, Florida 33030	\$
2	60 Months	Monthly charge for well chlorination and Water Softening Treatment Services at Training and Transition Airport	
		Building 2, 5,6,10 - 54555 Tamiami Trail East, East Ochopee, FL 33493	\$
ITEM	ESTIMATED ANNUAL HOURS	DESCRIPTION HOLIDAY AND EMERGENCY SERVICE	HOURLY RATE
3	1000 Hours PENDING FROM AVIATION DEPT.	Labor cost per hour inclusive of equipment necessary to respond to special operations, breakdowns or emergencies which may arise during normal working hours (8:00 a.m. to 5:00 p.m.) and after normal working hours including weekends and holidays. As defined in Section 3, Paragraph 3.10 Holiday and Emergency Service.	\$ / Per Hour
GROUP A - TOTAL ITEMS 1 THRU 3 →			
Group B: Wastewater Treatment Facility At Homestead Bayfront Park			
ITEM	ESTIMATED TIMEFRAME	DESCRIPTION	UNIT PRICE
4	60 Months	Monthly service charge shall include all operation, maintenance, routine service, monitoring and reporting service, and hauling of waste sludge to an approval disposal facility all to be provided at the treatment facility including all supplies and chemical in compliance with the requirements of the FDEP as contained in their Permit No. FLA550477 dated August 3, 2010 (attached as Exhibit A) Miami-Dade Park and Recreation Homestead Park 9698 SW 328 St, Miami, FL 33128	\$
ITEM	ESTIMATED ANNUAL HOURS	DESCRIPTION HOLIDAY AND EMERGENCY SERVICE	HOURLY RATE
5	1000 Hours PENDING FROM PROS DEPT.	Labor cost per hour inclusive of equipment necessary to respond to special operations, breakdowns or emergencies which may arise during normal working hours (8:00 a.m. to 5:00 p.m.) and after normal working hours including weekends and holidays.	\$ / Per Hour
GROUP B- TOTAL ITEMS 1 THRU 2 →			