

ISSUING DEPARTMENT INPUT DOCUMENT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

New OTR Sole Source Bid Waiver Emergency Previous Contract/Project No. FB-01090
Contract
 Re-Bid Other – LIVING WAGE APPLIES: YES NO

Requisition No./Project No.: EVN0000613 TERM OF CONTRACT YEAR(S) WITH YEAR(S) OTR

Requisition /Project Title: Supplemental Agreement - for Group 2 - Aerial Spraying Rotary Wing

Description: Supplemental Agreement to add Group 2 - Aerial Spraying for Adult and Larval Mosquitos Rotary Wing. This solicitation is and does become part of FB-01090 Aerial Spraying Services. The terms and conditions of the original solicitation shall remain in full force/

Issuing Department: Strategic Procuremen Contact Person: Alexis Castro Phone: 305-375-2179

Estimate Cost/Value: GENERAL FEDERAL OTHER
 Funding Source: General Fund

ANALYSIS

Commodity Codes:	<u>98872</u>	<u> </u>	<u> </u>	<u> </u>	<u> </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:	<u>Vector Disease Control Int</u>	<u>Vector Disease Control</u>	<u>Vector Disease Control</u>		
Small Business Enterprise:	<u> </u>	<u> </u>	<u> </u>		
Contract Value:	<u>\$1,660,000</u>	<u> </u>	<u> </u>		
Comments:	<u>Supplemental will use existig allocati</u>				
Continued on another page (s): <input type="checkbox"/> YES <input type="checkbox"/> NO					

RECOMMENDATIONS

	Set-Aside	Subcontractor Goal	Bid Preference	Selection Factor
SBE	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Basis of Recommendation:

Signed: Alexis Castro Date sent to SBD: 4/19/2023

	Date returned to SPD:	
--	-----------------------	--

Rev. 072518

SECTION 2

SPECIAL TERMS AND CONDITIONS

2.1 PURPOSE

The County is issuing this Supplemental Solicitation No. FB-01090 Aerial Spraying Services to establish services for Group 2: Aerial Spraying for Adult and Larval Mosquitos Rotary Wing. Group 2 was not awarded during the initial advertisement and through this Supplemental Solicitation it is being resolicited.

This solicitation is and does become part of FB-01090 Aerial Spraying Services. The terms and conditions of the original solicitation shall remain in full force and effect, except to the extent detailed below.

For informational purposes please refer to Awarded Contracts [FB-01090](#).

2.2 TERM OF CONTRACT

The term of this supplemental solicitation shall run concurrent with the term of FB-01090.

2.3 METHOD OF AWARD

Award of this group will be made to the lowest priced responsive, responsible Bidder who meet the qualification criteria in Section 2.5 below. In order to be considered for award, Bidders are to provide pricing for all items within this group. Failure to provide pricing for all items within the group may result in the bid being rejected. In situations where a Bidder wishes to provide the service at no cost to the County, zero (0) must be reflected on the appropriate pricing line for that item. A "take off" is defined as the phase in which an aircraft goes through a transition from moving along the ground to flying in the air to fulfill an aerial spraying operation.

2.4 PRICES

The prices quoted shall be deemed to provide full compensation to the Awarded Bidder for labor, equipment use, transportation costs, travel time, and any other element of cost or price. The prices shall remain firm and fixed for the term of the contract. Bidder(s) shall also provide pricing for each take-off for operation from the sites listed in Section 3.3 of this solicitation.

2.5 QUALIFICATION CRITERIA

Bidder(s) shall submit the specified information listed below with their bid submittal form as proof of compliance with the requirements of this solicitation. However, the County may, at its sole discretion and in its best interest, allow Bidder(s) to complete, supplement or supply the required information during the evaluation period.

Group 2: Aerial Spraying for Adult and Larval Mosquitos Rotary Wing

Qualification Criteria:

1. Bidder(s) must provide two (2) reference letters from government agencies demonstrating their experience providing aerial spraying services for mosquito control (Non-Agricultural), within the past five years. The letters shall contain at minimum the reference phone number, job title, and email address. The County shall be able to ascertain from these references to its satisfaction that the Bidder has sufficient experience in providing aerial spraying services relevant to this solicitation. Reference letters shall be provided with the Bidder's submittal. In lieu of the references from the Bidder, the County will consider the references from Bidder's key personnel in accordance with Resolution 11-22-21.

Commented [TJ(1)]: Update with new reference language that allows key personnel experience to meet this requirement. i.e. the reso number.

2. Bidder(s) must have at least one (1) employee (direct hire or subcontracted) licensed as a commercial pesticide applicator in the State of Florida. A copy of the license shall be provided with the Bidder's submittal.
3. Bidder(s) must have at least one (1) employee (direct hire or subcontracted) licensed as a public health applicator by the State of Florida. A copy of the license shall be provided with the Bidder's submittal.
4. Bidder(s) must have at least one (1) employee (direct hire or subcontracted) licensed as an aerial applicator in the State of Florida. A copy of the license shall be provided with the Bidder's submittal.
5. The Bidder(s) shall provide the contact information of a designated representative to provide the County with support and information concerning aerial spray missions. Bidder(s) shall provide the representative's name, phone number, and email address.

2.6 LIQUIDATED DAMAGES FOR INCOMPLETE PROJECTS

The Awarded Bidder's failure to perform an assigned task may have a deleterious effect on the wellbeing of the residents of Miami-Dade County. For this reason, failure to perform an assigned task in accordance with Contract and to the satisfaction of the County within the time stated may cause the Awarded Bidder to be subject to charges for liquidated damages, per the schedule listed below for each failure to perform. The County shall have the right to deduct the said liquidated damages from any amount due, or that may become due to the Awarded Bidder under this Contract, or to invoice the Awarded Bidder for such damages if the costs incurred exceed the amount due to the Awarded Bidder.

• Failure to appear	\$2,000 per occurrence
• Failure to spray the designated target area per the County's representative	\$2,000 per occurrence
• Failure to apply the insecticide according to label directions	\$2,000 per occurrence
• Failure to spray for any other unexplained reason	\$2,000 per occurrence

2.7 INDEMNIFICATION AND INSURANCE (10) – AIR TRANSPORTATION CHARTER SERVICES

The following clause will replace Section 1.22(A)(2) of the General Terms and Conditions:

Aircraft Liability including passenger liability, in an amount not less than \$5,000,000 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. **Miami-Dade County must be shown as an additional insured with respect to this coverage.**

SECTION 3

SCOPE OF WORK/TECHNICAL SPECIFICATIONS

3.1 SCOPE OF WORK

Work will include, but is not limited to, aerial adulticiding and larviciding (liquid) applications for the control of mosquitoes in Miami-Dade County via rotary aircraft. Services performed shall be delivered upon request by the County, when surveillance data indicates aerial control measures are needed to combat high numbers of pestiferous and/or vector mosquito populations. All services shall be performed in compliance with Chapter 388 of the Florida Statutes for Mosquito Control / Public Health, and in accordance with all applicable local and federal regulations and laws.

Historically, Miami-Dade County has treated between 335,000 to 350,000 acres per year for adult mosquitoes and between 6,000 to 18,000 acres per year for larval mosquitoes. All quantities are estimates and work will be completed on an as-needed basis. The County will not be held to any minimum/maximum number of acres.

The Awarded Bidder shall provide all labor, materials, equipment, insurance, and any other requirements to provide Federal Aviation Administration (FAA) approved aircraft, equipped for pesticide application, per the specifications herein. Any other fees, i.e. landing and tie down fees, etc., are the responsibility of the Awarded Bidder.

3.2 GENERAL REQUIREMENTS

1. The Awarded Bidder(s) shall have available two rotary aircraft equipped for Ultra Low Volume (ULV) spraying of insecticides.
2. All aircraft submitted for the use on this contract must be certified by the Federal Aviation Administration (FAA), and comply with all requirements of Chapter 137, Agricultural Operations. An approved FAA congested area plan is requested within 30 days prior to the commencement of the contract but is required prior to the start of services.
3. Each aircraft must have installed a GPS (Global Positioning System) navigation system with grid capability. The system must have an accuracy of 0-50 feet, and must be used on all spray missions.
4. The County reserves the right to request additional droplet size test and recalibration of equipment at no additional cost to the County
5. An inspection and demonstration of all aircraft and equipment may be required prior to award of this solicitation.

3.3 AVAILABILITY

The Awarded Bidder must be available for contact between the hours of 7:30 AM and 5:00 PM seven (7) days per week. The Awarded Bidder shall contact the Miami-Dade County Department of Solid Waste Management's Mosquito Control Division within thirty (30) minutes of the County's first attempt for notification of an aerial spray mission. The aircraft must be operational and available for aerial spraying within forty-eight (48) hours of notification; unless otherwise indicated by the County. The primary airport used for aerial spray operations is Miami Executive Airport; however, other airports may be used when necessary, such as Homestead General Aviation Airport and Opa-Locka Executive Airport.

Commented [TJ(2)]: Isn't this just for rotary aircraft? I thought we were going to reduce to one aircraft?

Commented [TJ(3R2)]: What has changed from then to now to make this more appealing to vendors to bid?

Commented [CA(4R2)]: The change was made to 3.3 Availability. The current contract required a 6 hour availability, so we are now adjusting this to 48 hour availability.

3.4 AERIAL TREATMENT FOR ADULT MOSQUITOS

1. Aerial adulticiding treatments shall be conducted via low-flying aircraft commencing at dusk and concluding during nighttime hours. Military grade night-vision technology may be required for these applications.
2. Applications shall be conducted using adulticide formulations provided by the County. All aircraft used to complete this work shall be equipped with suitable ULV application equipment (i.e. ULV rotary atomized spray system) that can apply the insecticidal product at the appropriate rate and droplet size to meet the label specifications. The usual application rate is 0.66 fluid ounces per acre.
3. The underside of the aircraft wings shall be marked "Mosquito Control" for easy visual identification from a height of 200-300 feet.
4. The aircraft provided must be capable of transporting a minimum of 45 gallons of County provided insecticide.

3.5 AERIAL TREATMENT FOR LARVAL MOSQUITOS

1. Aerial larviciding treatments shall be conducted via low-flying aircraft during daytime hours.
2. Applications will be conducted utilizing liquid larvicide formulations provided by the County. All aircraft used to complete work will be equipped with airflow driven atomizers such as Micronair AU5000 for the dispersal of insecticides.
3. The aircraft provided must be capable of transporting a minimum of 100 gallons of insecticide.

3.6 PILOTS

All pilots employed by the Awarded Bidder shall maintain all certifications required by the FAA and as described in Chapter 388 F.S. and F.A.C. 5E-13 for aerial Public Health Pest Control. Awarded Bidder may be required to provide written proof of current certifications for all pilots who provide services under this contract.

3.7 AIRCRAFT

1. Awarded Bidder shall ensure that any aircraft used to dispense or apply insecticide during the term of this contract is registered annually with the Florida Department of Agriculture and Consumer Services (FDACS).
2. Aircraft shall also be secured when not in use to prevent or deter theft or unauthorized use.
3. All aircraft must be in excellent condition with a current Air Worthiness Certificate and Federal Aviation Administration Certification.
4. All aircraft shall be licensed to operate over congested areas following all FAA rules and regulations throughout the contract term.

3.8 APPLICATION

The areas to be sprayed, the date, time, and numbers of acres to be sprayed with the insecticidal application will be designated by the Miami-Dade Department of Solid Waste Management's Mosquito Control Division.

A representative of the Solid Waste Management Department's Mosquito Control Division will be on hand to monitor all aspects of the spray mission in order to ensure procedures are followed that will result in a successful mission. Some but not all of the items monitored will be:

1. If weather conditions are favorable for spraying.
2. If insecticide is applied in the target zone.
3. Aircraft is operated at the proper altitude (200-250 feet).
4. Swath widths of 1,000 feet (plus or minus 10%) are maintained.

The County will supply the insecticide to be used for both adult and larval mosquitos. It will be supplied in thirty (30) gallon poly drums. The Awarded Bidder shall provide the necessary pumps and any other equipment to load the insecticide into the aircraft, and be responsible for managing any spills.

A 90% + control of the adult population of salt marsh (*Aedes*) and pasture (*Psorophora*) mosquito species is expected. Control less than 90% will require a review of all pertinent factors to determine the reason. Awarded Bidder shall make such a written report, and submit it to the Department of Solid Waste Management's Mosquito Control Division within 48 hours after notification by the Department that control of the adult mosquito population was less than 90% following any aerial spray mission.

3.9 PERSONNEL

1. Pilot and Ground Crew must all be familiar with and understand the work order and pesticide label, including any application restrictions and precautions. Awarded Bidder staff are responsible for ensuring the application is conducted safely, correctly, legally, according to the label and state and federal regulations.
2. Awarded Bidder staff involved in the transportation, mixing, loading, and application of insecticides during the term of this contract must hold valid public health certifications from FDACS.
3. All persons performing work under this contract shall wear appropriate Personal Protective Equipment (PPE), as prescribed by product labeling and Safety Data Sheets (SDSs). The Awarded Bidder shall observe all safety precautions throughout the performance of this contract. Where there is a conflict between regulations, the most stringent shall apply.
4. The pilot(s) shall determine any and all hazards, and locate and avoid navigation hazards.

3.10 EMPLOYEE SUPERVISION

The Awarded Bidder is responsible for all supervision of his/her employees and for establishing a quality control program that will ensure that all work is completed according to the specifications before that work is submitted to the County for inspection. Any delays, costs, or rejected work that results from the Bidder submitting work that is in any way incomplete or unsatisfactory are the sole responsibility of the Bidder.

3.11 **REPORTING**

Calibrated Global Positioning Satellite (GPS) will be used to generate aerial spray mission reports. A copy of each aerial spray mission report will be submitted within forty-eight hours of each spray mission. Reports must contain the following information:

1. Name, FDACS pesticide applicator license number, and FAA license number of the licensee responsible for the application;
2. Date, start time and end time of treatment;
3. Location of treatment site, which may be recorded using any of the following designations:
 - a. County, range, township and section;
 - b. An identification system using maps and/or written descriptions that accurately identify the location and distinguish the treatment site from other sites;
 - c. The legal property description; or
 - d. GPS coordinates or longitude/latitude points that delineate the treated area.
4. Name of the person requesting or authorizing the application;
5. Aircraft manufacturer, make and model;
6. FAA aircraft number;
7. Originating airport or airstrip;
8. Spray altitude;
9. Ground wind speed and direction;
10. Temperature;
11. Insecticide used;
12. Insecticide application rate;
13. Amount of insecticide used; and
14. Number of acres sprayed.

The above information must be maintained for a period of two years from the application date in a manner that is accessible by FDACS and the County upon request. Additional information may be requested as needed.

3.12 **COMPLIANCE / REGULATIONS / SAFETY**

a. Legal Requirement for Pollution Control

It is the intent of these specifications to comply with the Miami-Dade County Pollution Control Ordinance as stated in Chapter 24 of the Miami-Dade Code. This ordinance is made a part of these specifications

by reference and may be obtained, if necessary, the through Regulatory and Economic Resources Department, 33 SW 2nd Avenue, Miami, Florida 33130, Telephone (305) 372-6789.

b. Accident Prevention, Barricades and Safety

Refer to General Terms and Conditions Section 1.56 Accident Prevention and Barricades

SECTION 4
BID SUBMITTAL FORM

FIRM NAME: _____

4.1 PRICING

GROUP 2- Aerial Spraying for Adult and Larval Mosquitos Rotary Aircraft				
Item No.	Estimated Quantity (Annually)	Type of Aircraft	Description	Unit Price
1	175,000 Acres	Rotary Wing	Cost of Aerial Spraying for Adult Mosquitos as specified in the Technical Specifications.	\$ _____ (Per Acre)
2	9,000 Acres	Rotary Wing	Cost of Aerial Spraying for Larval Mosquitos as specified in the Technical Specifications.	\$ _____ (Per Acre)
3	5	Rotary Wing	Price per take off (as defined in Section 2.5) to fulfill an Adult/Larval Mosquito aerial spraying operation.	\$ _____ (Per Take Off)

Comments: Review for Reference Only – Price sheet will be uploaded in INFORMS Event.

- Commented [TJ(5)]: Rotary?
- Commented [TJ(6R5)]: Make sure line in informs specifically says for adult mosquitoes.
- Commented [TJ(7)]: Rotary?
- Commented [TJ(8R7)]: Make sure like in INFORMS specifically says larval mosquitoes; otherwise they look exactly the same.
- Commented [CA(9R7)]: Updated in INFORMS
- Commented [TJ(10)]: Rotary?

4.2 REQUIREMENTS

QUALIFICATION		
Refer to Section 2.5 - Qualification Criteria to ensure that the submittal and attachments comply with solicitation requirements.		
Qualifications	Vendor Requirements	Copy Attached
2.5 (1)	Bidder(s) must provide two (2) reference letters from government agencies demonstrating their experience providing aerial spraying services for mosquito control (Non-Agricultural), within the past five years. The letters shall contain at minimum the reference phone number, job title, and email address. The County shall be able to ascertain from these references to its satisfaction that the Bidder has sufficient experience in providing aerial spraying services relevant to this solicitation. Reference letters shall be provided with the Bidder's submittal.	<input type="checkbox"/>
2.5 (2)	Bidder must have at least one employee (direct hire or subcontracted) licensed as a commercial pesticide applicator in the State of Florida. Copy of license shall be provided with the bid submittal.	<input type="checkbox"/>
2.5 (3)	Bidder must have at least one employee (direct hire or subcontracted) licensed as a public health applicator by the State of Florida. Copy of license shall be provided with the bid submittal.	<input type="checkbox"/>
2.5 (4)	Bidder must have at least one employee (direct hire or subcontracted) licensed as an aerial applicator in the State of Florida. Copy of license shall be provided with the bid submittal.	<input type="checkbox"/>
2.5 (5)	<p>The Bidder(s) shall provide the contact information of a designated representative to provide the County with support and information concerning aerial spray missions. Bidder(s) shall provide the representative's name, phone number, and email address.</p> <p>Representative Name: _____</p> <p>Phone Number: _____</p> <p>E-Mail Address: _____</p>	