

DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

New OTR Sole Source Bid Waiver Emergency Previous Contract/Project No. **7031-0/18**
Contract
 Re-Bid Other: LIVING WAGE APPLIES: YES NO

Requisition No./Project No.: **FB-01090** TERM OF CONTRACT **5** YEAR(S) WITH **0** YEAR(S) OTR

Requisition /Project Title: **Aerial Spraying Services**

Description: The purpose of this solicitation is to establish a contract to purchase aerial spraying for mosquito control services. 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.

Issuing Department: **ISD**
PROCUREMENT Contact Person: **Brandon Nealey** Phone: **305-375-4884**

Estimate Cost: **5,000,000.00** GENERAL **X** FEDERAL **X** OTHER _____
Funding Source: _____

ANALYSIS

Commodity Codes: **988-72** _____ _____ _____ _____

Contract/Project History of previous purchases three (3) years
Check here if this is a new contract/purchase with no previous history.

EXISTING 2ND YEAR 3RD YEAR

Contractor Formal Bid _____

Small Business Enterprise: _____

Contract Value: _____

Comments: _____

Continued on another page (s): Yes No

RECOMMENDATIONS

SBE Set-aside Sub-contractor goal Bid preference Selection factor

Basis of recommendation: _____

Date sent to SBD: 10/03/2018

Signed: **Brandon Nealey**

Date returned to DPM: _____

SECTION 2: SPECIAL CONDITIONS

2.1 PURPOSE

Purpose of this solicitation is to establish a contract to purchase aerial spraying for mosquito control services. 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.

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 five-year term.

2.3 METHOD OF AWARD

Award will be made to the lowest priced responsive, responsible Bidder on a group-by-group basis. Services that will be provided to the County at no cost must show zero (0) in the price line. In order to be considered for award, Bidders must submit an offer on all items that are listed for each group; otherwise, its overall offer may be rejected for that group.

2.4 Qualification Criteria

Bidder(s) shall submit the specified information listed below with their bid submittal form as proof of compliance to the requirement 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 1: Aerial Spraying for Adult Mosquitos

Group 2: Aerial Spraying for Larval Mosquitos

Group 3: Aerial Spraying for Adult Mosquitos (Federally Funded)

Group 4: Aerial Spraying for Larval Mosquitos (Federally Funded)

Minimum Qualifications for all Groups:

1. Bidder(s) shall provide two (2) reference letters from customers that they have performed work for within the last five (5) years. The reference letters must be on company letterhead, signed, and clearly demonstrate that the Bidder is regularly engaged in the business of aerial spraying. 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.
2. Bidder(s) shall submit a description and photographs of all aircraft and the types of equipment (tanks, nozzles, supply lines, strainers, etc.) which shall be used to dispense the insecticide.
3. Bidder(s) must submit proof of ownership or lease agreement for all aircrafts that will be utilized to provide aerial spraying services.
4. Bidder(s) shall submit maintenance, accident and flight history documentation for all of the aircrafts the vendor is proposing to use, to meet the needs of the contract.

5. Bidder must submit a pilot's Resume to render the routine services as specified herein, which must have a minimum of three (3) years' experience in aerial spraying service. The pilot must have an e-mail address and cellular phone for routine correspondence and communication with the County.
6. Bidder(s) must provide proof that the pilot has a minimum of five hundred (500) logged and verifiable flight hours. Copy of log must be provided with the bid submittal.
7. Bidder(s) must provide proof that the pilot has a minimum of one hundred (100) logged and verifiable hours in aerial application of insecticide to control mosquitoes. Copy of flight log must be provided with the bid submittal.
8. Bidder(s) must provide the pilot's current certification in the public health and aerial categories of pest control as issued by the Florida Dept. of Agriculture and Consumer Services. Copies of each certification shall be provided with the bid submittal.
9. Bidder(s) must provide a copy of first class pilot's medical certificate and for the second pilot if one is being proposed.
10. Bidder(s) must provide a copy of FCC restricted radiotelephone pilot's permit.

Additional Qualification for Group 1 and 3:

11. Bidder(s) must provide a copy of a commercial pilot's license with multi-engine fixed-wing ratings; however, a rotary-wing may be proposed contingent upon the County approval.

Additional Qualification for Group 2 and 4:

12. Bidder(s) must provide a copy of a commercial pilot's license with rotary-wing and/or multi-engine fixed-wing ratings.

2.5 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.

2.6 LIQUIDATED DAMAGES FOR INCOMPLETE PROJECTS

The vendor'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 the Terms and Conditions and/or Technical Specifications and to the satisfaction of the County within the time stated shall cause the vendor to be subject to charges for liquidated damages, as per the schedule listed below for each failure to perform. As compensation due the County for loss of use and for additional costs incurred by the County due to such non-performance of the task, the County shall have the right to deduct the said liquidated damages from any amount due, or that may become due to the vendor under this agreement, or to invoice the vendor for such damages if the costs incurred exceed the amount due to the vendor.

- | | |
|--|------------------------|
| • Failure to appear | \$2,000 per occurrence |
| • Failure to spray the designated target area as 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 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, by the Bidder through Regulatory and Economic Resources, 33 SW 2nd Avenue, Miami, Florida 33130, Telephone (305) 372-6789.

b. Accident Prevention, Barricades and Safety

Bidder(s) shall conduct the work in a manner, which shall not interfere with normal pedestrian traffic or adjacent sidewalks or vehicular traffic on adjacent streets, and shall not cause any annoyance to residents near the sites or users of the sites.

Precautions shall be exercised at all times for the protection of persons and property. All Bidder(s) performing services under this contract shall conform to all relevant Occupational Safety and Health Administration (OSHA), Environmental Protection Agency (EPA), State and County regulations during the course of such effort. Any fines levied by the above mentioned authorities for failure to comply with these requirements shall be borne solely by the Awarded Bidder.

Barricades shall be provided by the Awarded Bidder when work is performed in areas traversed by persons, or when deemed necessary by the County.

Bidder(s) agree to perform all work in a manner that meets all accepted standards for safe practice, and to safely maintain and operate all the equipment used in the performance of this contract. The County, reserves the right to issue immediate restraint or cease and desist to a Bidder, when unsafe or harmful acts are observed or reported while performing under the contract. Hazardous conditions shall be immediately reported to the County.

c. Identification and Uniform

All personnel performing services under this contract must carry valid government issued photo identification such as a driver's license. All personnel shall wear a uniform shirt (or t-shirt) clearly displaying the Bidder(s) company name.

Uniforms shall be maintained so all personnel are neat, clean and professional in appearance. Non-uniform clothing will not be permitted. Personnel must wear at all times will performing services the traffic vest supplied by the County. These vest must be returned to the County once the project has concluded.

2.8 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.**

2.9 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.

2.10 USE OF FEDERAL FUNDING (APPLICABLE TO GROUPS 3 AND 4 ONLY)

Since the services that will be acquired under this solicitation will be purchased, in part or in whole, with federal funding, it is hereby agreed and understood that Section 60-250.4, Section 60-250.5 and Section 60-741.4 of Title 41 of the United States Code, which addresses Affirmative Action requirements for disabled workers, is incorporated into this solicitation and resultant contract by reference.

2.11 FEDERAL STANDARDS (APPLICABLE TO GROUPS 3 AND 4 ONLY)

Bidder hereby assures and certifies to the County that it will comply with:

(1) Contract Work Hours and Safety Standards Act of 1962, 40 U.S.C. 327, et seq., requiring that mechanics and laborer so (including watchmen and guards) employed on federally assisted contracts be paid wages of not less than one and one-half times their basic wage rates for all hours worked in excess of forty hours in a work week; and

(2) Federal Fair Labor Standards Act, 29 U.S.C. s. 201, et seq., requiring that covered employees be paid at least the minimum prescribed wage, and also that they be paid one and one-half times their basic wage rates for all hours worked in excess of the prescribed work-week; and

(3) The Clean Air Act of 1955, as amended, 42 U.S.C. 7401-7671q and the Federal Water Pollution Control Act, 33 U.S.C. 1251-1387; and

(4) The mandatory standards and policies relating to energy efficiency which are contained in the State energy conservation plan issued in compliance with the Energy Policy and Conservation Act, P.L. 94-163; and

(5) Any requirements of 2 CFR pt. 200.318.

(6) Procurement of recovered materials See §200.322.

(7) The contractor agrees to comply with all the requirements of Section 6002 of the Resource Conservation and Recovery Act (RCRA), as amended (42 U.S.C. 6962), including but not limited to the regulatory provisions of 40 CFR Part 247, and Executive Order 12873, as they apply to the procurement of the items designated in Subpart B of 40 CFR Part 247.

Byrd Anti-Lobbying Amendment (31 U.S.C. 1352)— In accordance with 31 U.S.C. 1352, the Contractor must provide a certification to the Procuring Agency that the Contractor has not and will not use Federal appropriated funds to pay any person or organization to influence or attempt to influence an officer or employee of any Federal department or agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352.) (Exhibit FED-LB1) A bid, which does not include this certificate, may be considered non-responsive.

Contractors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award. By signing this Agreement, Bidder hereby certifies, to the best of its knowledge and belief, that it and its principals:

(8) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by a federal department or agency (Complete certification attached)

2.12 EXEMPTION TO CERTAIN CLAUSES (APPLICABLE TO GROUPS 3 AND 4 ONLY)

As a Federally-funded agency, the following clauses within Section 1.0 do **NOT** apply to this contract.

- Section 1 Paragraph 1.11; Local Preferences: Section 2-8.5 of the Miami-Dade County Code, which provides that preference shall be given to local businesses shall NOT apply.
- Section 1 Paragraph 1.36; County User Access Program (UAP) - The fee in the amount of two percent (2%) shall NOT apply.
- Section 1 Paragraph 1.44; Small Business Enterprises (SBE) Measure- shall NOT apply.
- Section 1 Paragraph 1.45; Local Certified serviced-Disable Veteran's Business

Enterprise Preference - shall NOT apply.

- Section 1 Paragraph 1.47; First Source Hiring Referral Program (“FSHRP”) - shall NOT apply.
- Prompt Payment Terms - Payment terms under Sections 2-8.1.1.1.1 or 2-8.1.1.1.2, respectively, that are a SBE contract set-aside, bid preference or contain a subcontractor goal, shall NOT apply.

2.13 OFFICE OF INSPECTOR GENERAL (APPLICABLE TO GROUPS 3 AND 4 ONLY)

The cost of random audits of one quarter (1/4) of one (1) percent will be NOT be incorporated into the contract price of this group. All else remains the same.

DRAFT

SECTION 3

SCOPE OF WORK/TECHNICAL SPECIFICATIONS

3.1 SCOPE OF WORK

Work will include aerial adulticide and larvicide (granular) applications for the control of mosquitoes in Miami-Dade County via fixed wing and/or rotary aircraft. Services performed shall be delivered upon request by the County, when surveillance data indicates aerial control measures are needed to and to combat high numbers of pestiferous and/or vector mosquito populations.

Group 1 and 3: Aerial Spraying for Adult Mosquitos

The Awarded Bidder shall be responsible for furnishing two (2) or more multi-engine fixed wing aircrafts equipped for Ultra Low Volume spraying of insecticides to control mosquitos, within the confines of Miami-Dade County. The insecticide (Naled) will be supplied by Miami-Dade County.

Awarded Bidder shall provide calibration and droplet spectrum analysis that must be performed by a qualified individual for each aircraft offered within sixty (60) days from the contract effective date. The Awarded Bidder shall follow all instructions listed on the current label of the insecticide used in reference to Ultra Low Volume (ULV) aircraft spraying operations.

It is estimated that approximately 335,000 – 350,000 acres will be sprayed annually. Aerial adulticiding in Miami-Dade County may increase as the need arises. Additional aerial mosquito treatment areas may be identified during the contract term. The specific locations and frequency of insecticide application shall be determined at the sole discretion of the County. During the term of this contract the County, at its sole discretion, may add, delete or modify portions of the work scope functions. There is no guaranteed number of acres to be sprayed, and the County assumes no responsibility should the estimated acreage to be sprayed differ from the actual acreage.

The acreage for the past three years is shown below:

<u>YEAR</u>	<u>NUMBER OF ACRES</u>
2016	27,350
2017	31,430
2018	159,350

Group 2 and 4: Aerial Spraying for Larval Mosquitos

The Awarded Bidder shall be responsible for furnishing two (2) or more rotary and/or fixed-wing aircraft equipped for the spraying of larvicides to control container-breeding mosquitoes such as *Aedes aegypti* (yellow fever mosquito) and *Aedes albopictus* (tiger mosquito) species in the larval stage, within the confines of Miami-Dade County. Biological larvicides such as *Bacillus Thuringiensis* (Bti) (Vectoback WDG) and Methoprene (Altosid LLC) will be supplied by Miami-Dade County.

Awarded Bidder shall provide records of calibration, droplet analysis and swath-width determination that must be performed by a qualified individual for each aircraft offered within 60 days from the effective date of this contract. The Successful Bidder shall follow all instructions listed on the current label of the insecticide used in reference to aerial larviciding operations.

It is estimated that approximately 18,000 acres will be sprayed annually. Aerial larviciding in Miami-Dade County may gradually increase as areas are discovered for treatment. The specific locations as frequency of insecticide application shall be determined at the sole discretion of the County. During the term of this agreement the County, at its sole discretion, may add, delete or modify portions of the work scope functions. There is no guaranteed number of acres to be sprayed, and the County assumes no responsibility should the estimated acreage to be sprayed differ from the actual acreage.

The acreage for the past three years is shown below:

<u>YEAR</u>	<u>NUMBER OF ACRES</u>
2016	0
2017	6,000
2018	0

3.2 CONTRACTOR RESPONSIBILITY

The Successful Bidder shall provide all labor, materials, equipment, supplies, insurance, bonds, 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 Contractor. The vendor shall provide a copy of each aerial spray mission report, showing the following:

Group 1 and 3: Aerial Spraying for Adult Mosquitos

- a) Aircraft used;
- b) Spray altitude;
- c) Ground wind speed and direction;
- d) Temperature;
- e) Aircraft speed;
- f) Begin and end times;
- g) Insecticide used;
- h) Insecticide application rate
- i) Amount of insecticide used;
- j) Number of acres sprayed;
- k) Color differentiating maps showing "spray on and spray off" areas.
- l) Copy of each aerial spray mission report using a calibrated global positioning satellite. Reports shall be submitted with forty-eight (48) hours of each flight.

Group 2 and 4: Aerial Spraying for Larval Mosquitos

- a) Aircraft used;
- b) Spray latitude;
- c) Ground wind speed and direction;
- d) Aircraft speed;
- e) Begin and end times;
- f) Insecticide used;
- g) Application rate;
- h) Amount of insecticide used;
- i) Number of acres sprayed;
- j) Temperature;
- k) Color differentiating maps showing "spray on and spray off" areas,

- l) Copy of each aerial spray mission report using a calibrated Global Positioning Satellite (GPS). Reports shall be submitted within forty-eight (48) hours of each flight.

If the vendor should be unable and/or refuse to provide services with the required time frame (6) hours specified by the County representative, the Successful Bidder shall immediately notify the Solid Waste Management Department's Mosquito Control Division by telephone at the following number: 305-592-1187

The Successful Bidder(s) shall notify the Division Chief, in writing, of the cause of the delay with twenty-four (24) hours from the beginning of such delay.

3.3 AERIAL TREATMENT

Group 1 and 3: Aerial Spraying for Adult Mosquitos

1. The Awarded Bidder shall have available two (2) or multi-engine fixed wing aircrafts equipped for Ultra Low Volume spraying of insecticides to control mosquitoes. Each aircraft capable of transporting a minimum of 45 gallons Naled insecticide.
2. All aircrafts submitted for 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 required 30 days prior to commencement of aerial spray operations.
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 shall be equipped with a ULV (Ultra Low Volume) spray system with rotary atomizer nozzles for the dispersal of insecticide. The usual application rate is 0.66 fluid ounces per acre.
5. Each aircraft must have installed a GPS (Global Positioning Satellite) electronic system with grid capability. The system must have an accuracy of 0-50 feet, and must be used on all spray missions.
6. Aircraft should be calibrated to deliver the correct amount of insecticide, and droplet size; it must comply with the insecticide label.
7. Aircraft used other than those specified in the bid must be approved in writing by County prior to use.
8. The County reserves the right to request additional droplet size tests and recalibration of equipment at no additional cost to the County.
9. An inspection and demonstration of all aircraft may be required prior to award this bid.

Group 2 and 4: Aerial Spraying for Larval Mosquitos

1. The Successful Bidder(s) shall have available two (2) or more rotary-wing or multiple engine aircraft equipped for spraying of insecticides to control container-dwelling mosquitoes. Each aircraft capable of transporting a minimum of 100 gallons of insecticide.
2. All aircrafts submitted for 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 required 30 days prior to commencement of aerial spray operations.

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 shall be equipped with airflow driven atomizers such as Micronair AU5000 for the dispersal of insecticide.
5. Each aircraft must have installed a GPS (Global Positioning System) electronic navigation system with grid capability. The system must have an accuracy of 0-50 feet and must be used on all spray missions.
6. Aircraft should be calibrated to deliver the correct amount of insecticide and characterized to deliver an appropriate droplet size and produce the recommended application swath width.
7. Aircraft used other than those specified in the bid must be approved in writing by the County prior to use.
8. The County reserves the right to request additional equipment calibration and the further droplet size and the swath-width determination; recalibration and further equipment characterization shall not be at any additional cost to the County.
9. An inspection and demonstration of all aircraft may be required prior to award this solicitation.

3.4 AIRCRAFT

1. The Awarded Bidder shall ensure that any aircraft used to dispense or apply pesticides 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 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 contracted term.

3.5 CHEMICAL STORAGE

Florida law requires all pesticides and fertilizers on the premises owned or controlled by any aerial applicator to be stored and maintained so they are not accessible to unauthorized persons. Secured storage means:

- Fences with a minimum height of 6 feet;
- Door locks;
- Valve Locks;
- Electronic security system;
- Disabling of mobile storage units;
- Blocking of access, ingress or egress; or
- Any other reasonable method to prevent or deter theft or unauthorized use.

3.6 **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 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 six (6) 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.

3.7 **APPLICATION**

The areas to be sprayed, the date, time, and numbers of acres to be sprayed in the insecticidal application will be designated by the Public Works and Waste Management's Mosquito Control Division. Maps showing the spray areas will be supplied to the pilots prior to the spray mission.

A Representative of the Public Works and Waste Management's Mosquito Control Division will be on hand and 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

Group 1 and 3: Aerial Spraying for Adult Mosquitos

The County will supply the insecticide to be used. Naled (Dibron concentrate) insecticide will be supplied in thirty (30) gallon poly drums. The Successful Bidder shall provide the necessary pumps and any other equipment to load the insecticide into the airplane, and be responsible for managing any spills.

A 90% + control adult population of salt marsh (Aedes) as pasture (Psorophora) mosquito species is expected. Control less than 90% will require a review of all pertinent factors to determine the reason.

Successful Bidder(s) shall make such a written report, and submit it to the Public Works and Waste Management Department's Mosquito Control Division within 48 hours after notification that control of the adult mosquito population was less than 90% following any aerial spray mission.

Group 2 and 4: Aerial Spraying for Larval Mosquitos

The County will supply the insecticide to be used. Biological larvicides such as Vectoback WDG (Bti) and Altosid LLc (Methoprene) will be supplied. The Successful Bidder(s) shall provide the necessary pumps and any other equipment to load the insecticide into the airplane, and be responsible for a managing any spills.

3.8 **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. The Successful Bidder staff are responsible for ensuring the application is conducted safely, correctly, legally, according to the label and state and federal regulation.
2. Contractor 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 Successful Bidder(s) 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.

3.9 RECORD KEEPING

During an emergency declared by the Florida Governor or Commissioner of Agriculture, aerial applicators must keep records relating to the aerial application of all pesticides, fertilizers and seed. This is required by Florida law and regulations. Records must contain the following information:

1. Name, FDACS pesticide applicator license number, and Federal Aviation Administration (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. Global Positioning Satellite (GPS) coordinates or longitude/latitude points that delineate the treated area.
4. Name of the person requesting or authorizing the application;
5. Aircraft manufacture, make and model;
6. FAA aircraft registration number; and
7. Originating airport or airstrip.

The above information must be maintained for a period of two years from application in a manner that is accessible by FDACS upon request.

SECTION 4

BID SUBMITTAL FORM

FIRM NAME: _____

4.1 PRICING

ITEM No.	ESTIMATED QUANTITY (annually)	DESCRIPTION	UNIT PRICE PER ACRE
1	350,000 Acres	Cost of Aerial Spraying for Adult Mosquitos as specified in the Technical Specifications	\$ _____
3	350,000 Acres	Cost of Aerial Spraying for Adult Mosquitos as specified in the Technical Specifications (Federal Funds)	\$ _____

ITEM No.	ESTIMATED QUANTITY (annually)	DESCRIPTION	UNIT PRICE PER ACRE
2	18,000 Acres	Cost of Aerial Spraying for Larval Mosquitos as specified in the Technical Specifications	\$ _____
4	18,000 Acres	Cost of Aerial Spraying for Larval Mosquitos as specified in the Technical Specifications (Federal Funds)	\$ _____

SECTION 4

BID SUBMITTAL FORM

4.2 REQUIREMENTS

QUALIFICATION CRITERIA		
Refer to the Qualification Criteria Section to ensure that Submittal and attachments comply with solicitation requirements.		
Qualifications	Vendor Requirements	Copy Attached
2.4 (1)	Bidders(s) shall provide two (2) reference letters from customers that they have performed work for within the last (5) years. The reference letters must be on company letterhead, signed, and clearly demonstrate that the Bidder is regularly engaged in the business of aerial spraying. 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.	.
2.4 (2)	Bidder(s) shall submit a description and photographs of all aircraft and the types of equipment (tanks, nozzles, supply lines, strainers, etc.) which shall be used to dispense the insecticide.	.
2.4 (3)	Bidder(s) must submit proof of ownership or lease agreement for all aircrafts that will be utilized to provide aerial spraying services.	.
2.4 (4)	Bidder(s) shall submit maintenance, accident and flight history documentation for all of the aircrafts the vendor is proposing to use, to meet the needs of the contract.	.
2.4 (5)	Bidder must submit a pilot's Resume to render the routine services as specified herein, which must have a minimum of three (3) years' experience in aerial spraying service. The pilot must have an e-mail address and cellular phone for routine correspondence and communication with the County.	.
2.4 (6)	Bidder(s) must provide proof that the pilot has a minimum of five hundred (500) logged and verifiable flight hours. Copy of log must be provided with the bid submittal.	.
2.4 (7)	Bidder(s) must provide proof that the pilot has a minimum of one hundred (100) logged and verifiable hours in aerial application of insecticide to control mosquitoes. Copy of flight log must be provided with the bid submittal.	.
2.4 (8)	Bidder(s) must provide the pilot's current certification in the public health and aerial categories of pest control as issued by the Florida Dept. of Agriculture and Consumer Services. Copies of each certification shall be provided with the bid submittal.	.
2.4 (9)	Bidder(s) must provide a copy of first class pilot's medical certificate and for the second pilot if one is being proposed.	.
2.4 (10)	Bidder(s) must provide a copy of FCC restricted radiotelephone pilot's permit.	.
Additional Qualifications for Groups 1 & 3		
2.4 (11)	Bidder(s) must provide a copy of a commercial pilot's license with multi-engine fixed-wing ratings; however, a rotary-wing may be proposed contingent upon the County approval.	.
Additional Qualifications for Groups 2 & 4		
2.4 (12)	11. Bidder(s) must provide a copy of a commercial pilot's license with rotary-wing and/or multi-engine fixed-wing ratings	.

4.3 CONTACT INFORMATION

Contact Person's Name:	
Telephone Number:	
E-mail Address:	

Bidder(s) shall submit all the specified information, documents and attachments as proof of compliance to the minimum qualification requirements. The County reserves the right to verify the information submitted by the bidder and request additional information, as it deems necessary to ascertain the Bidder(s) conformance to the minimum qualification requirements.

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