

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

☐ New    ☐ OTR    ☐ Sole Source    ☐ Bid Waiver    ☐ Emergency    Previous Contract/Project No. 6038-5/17-5

☒ Contract    ☒ Re-Bid    ☐ Other    Legacy    LIVING WAGE APPLIES: ☐ YES ☒ NO

Requisition No./Project No.: \_\_\_\_\_ TERM OF CONTRACT  YEAR(S) WITH  one YEAR(S) OTR

Requisition /Project Title:

Description:

Issuing Department:     Contact Person:     Phone:

Estimate Cost:     Funding Source:        

**ANALYSIS**

<b>Commodity Codes:</b> <input type="text" value="968-11"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>				
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.				
	<b><u>EXISTING</u></b>	<b><u>2<sup>ND</sup> YEAR</u></b>	<b><u>3<sup>RD</sup> YEAR</u></b>	
<b>Contractor:</b>	<input type="text" value="Waterblasting LLC"/>	<input type="text" value="Waterblasting LLC"/>	<input type="text" value="Waterblasting LLC"/>	
<b>Small Business Enterprise:</b>	<input type="text" value="N/A"/>	<input type="text" value="N/A"/>	<input type="text" value="N/A"/>	
<b>Contract Value:</b>	<input type="text" value="\$75,000"/>	<input type="text" value="\$75,000"/>	<input type="text" value="\$75,000"/>	
Comments: <input type="text"/>				
Continued on another page (s): <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
<b><u>RECOMMENDATIONS</u></b>				
	Set-aside	Sub-contractor goal	Bid preference	Selection factor
<b>SBE</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Basis of recommendation: <input type="text"/>				
Signed: <input type="text" value="Lindsay Collazo"/>		Date sent to SBD: <input type="text" value="11/13/2017"/>		
		Date returned to DPM: <input type="text"/>		

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

This purpose of this solicitation is to establish a contract for the removal of accumulated rubber deposits and paint from specific areas at the five (5) County owned/operated airports.

**DEFINITIONS**

- A. **MDAD**: Miami-Dade Aviation Department
- B. **Work Day**: the work day shall start at 11:00PM and end at 7:00AM. All travel time expenses shall be borne by the bidder and will not be reimbursed by the County.

**2.2 TERM OF CONTRACT: SIXTY (60) MONTHS**

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, and contingent upon the completion and submittal of all required bid documents. The contract shall expire on the last day of the sixty (60) month period.

**2.3 METHOD OF AWARD**

Award of this contract will be made to the lowest priced responsive, responsible bidder in the aggregate who meets the qualifications listed below. Items that will be provided to the County at no cost must show a zero (0) in the price line. If a bidder fails to submit an offer on all items, the overall offer may be rejected.

**QUALIFICATIONS**

- A. Bidder(s) shall provide the name of the Project Manager and/or Supervisor, along with the contact information. The Project Manager and/or Supervisor shall be the individual in their organization who is knowledgeable and experienced in rubber removal; and who will serve as the primary point of contact for the County. The Project Manager and/or Supervisor shall be able to communicate with the County and shall have full authority to act on behalf of the Bidder on all matters related to operations.
- B. Bidder(s) must be regularly engaged in the business of rubber removal. Two (2) current references, consisting of existing customers, shall be listed in the submittal form. The references must include the customer's company name, and the name, title, e-mail address, and telephone number of the contact person who can verify that the bidder has successfully provided the services listed within this solicitation.
- C. The equipment used for performing rubber removal shall consist of as a minimum: a truck mounted high pressure water dispensing system incorporating a traction motor, compressors, water tank and a vacuum device capable of collecting dislodged rubber waste generated during the rubber removal process for proper disposal. The equipment shall be capable of emitting fine streams of water at constant nozzle pressures greater than 10,000 PSI but not exceed a maximum nozzle pressure of 40,000 PSI. Nozzle height and pressure shall be field adjustable and the unit shall have the ability to precisely control its forward advance speed of the unit to a minimum of 3.0 MPH. The equipment shall be capable of a cleaning efficiency of 90% rubber removal, and capable of removing rubber to this degree at a rate of at least 10,000 square feet per

hour from areas of maximum rubber build up. Bidder(s) shall submit equipment manufacturer specification documents to reflect the equipment meets the above defined standards.

If the Bidder fails to perform in accordance with the terms and conditions of the contract, the Bidder may be deemed in default of the contract. If the awarded Bidder defaults, the County shall have the right to negotiate with the next responsive, responsible Bidder.

## 2. PRICES

The initial contract prices resultant from this solicitation shall remain fixed and firm for no less than 12 months from the commencement date. The bidder's request for adjustment must be submitted to the County's Internal Services Department, Procurement Management Division for review no less than 90 days prior to expiration of the then current contract year. The County may consider an adjustment to prices based upon the Consumer Price Index (CPI) percentage change as calculated by the U.S. Department of Commerce for all Urban Consumers in the Miami-Ft. Lauderdale area.

The County reserves the right to reject any price adjustments submitted by the awarded bidder or to negotiate lower pricing during the contract period based on market conditions or other factors that influence price.

## 2.5 DEMONSTRATION OF EQUIPMENT

Bidder(s) will be required to demonstrate the equipment that will be used to perform the work, at no cost prior to award of the contract. The purpose of this demonstration is to observe the equipment in an operational environment and to verify its capability and adaptability.

As part of the demonstration the bidder shall complete a rubber removal test/demonstration strip. The test area shall be at least 50 feet long and at least 2 feet wide where the greatest rubber buildup occurs. This test area will determine the bidder's ability to remove rubber at the minimum speed required to obtain the degree of cleanliness specified without causing removal of the pavements aggregated and/or binder materials.

Additional rubber removal test/demonstration strips may be required should the equipment, operator and/or performance of the equipment change from the initial specifications approval by the County. It is the responsibility of the awarded bidder to notify the County should any changes to the equipment and/or operator occur.

## 2.6 INSURANCE AND INDEMNIFICATION REQUIREMENTS

The following clause replaces the insurance requirements listed on Section 1.22, Paragraph A. for Commercial General Liability Insurance and Paragraph A.2 & 3, for Automobile Liability Insurance:

- A. Commercial General Liability Insurance in an amount not less than \$1,000,000 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.**
- B. Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the work, in an amount not less than \$5,000,000 combined single limit per occurrence for bodily injury and property damage.

\* Only vehicles owned or leased by a company will be authorized. Vehicles owned by individuals will not be authorized. \$1 million limit applies at all other airports.

## 2.7 AIRSIDE OPERATIONS

The County will schedule the work in coordination with Airside Operations. The award bidder shall not, under any circumstances, move out onto the operating area without first receiving authorization to proceed from the County

If the awarded bidder is advised by the Airside Operations Agent while performing the requested services that there is an emergency, the equipment should be sufficiently mobile to clear the runway areas within three minutes of the emergency notice to an area at least 250 feet from the edge of the runway or taxiway.

## 2.8 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, 701 NW 1 Court, Miami, Florida 33130, Telephone (305) 372-6789.

### b. Accident Prevention, Barricades and Safety

Precautions shall be exercised at all times for the protection of persons and property. All Bidders performing services under this contract shall conform to all relevant OSHA, 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 responsible Bidder. Barricades shall be provided by the Bidder when work is performed in areas traversed by persons, or when deemed necessary by the County.

Bidder agrees 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. Bidder's employees shall wear a safety vest or bright orange tee shirts at all times while performing the service cycle. The County, reserves the right to issue immediate restrain 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.

Failure to comply with any of these requirements may result in immediate suspension of work.

**SECTION 3 – TECHNICAL SPECIFICATIONS****3.1 SCOPE OF WORK**

The scope of work to be performed under this solicitation shall consist of the removal of accumulated rubber deposits and paint from specific areas of designated asphaltic concrete runway pavements at Miami-Dade County airports. The award bidder shall perform rubber removal and paint removal in accordance with these specifications and as directed by the County.

**3.2 MATERIALS**

The County will furnish water, without charge, from a designated fire hydrant located near the airfield. The awarded bidder shall furnish all equipment, material and labor necessary to obtain and deliver water from the designed source to the work area.

The use of chemicals, abrasive material, detergents, salt water or any water other than that provided by the County will not be permitted in the cleaning process.

**3.3 EQUIPMENT**

The awarded bidder shall furnish all equipment, tools and machines necessary for the performance of the work. All equipment shall be subject to approval by the County.

The awarded bidders machinery, motor vehicles and mechanized equipment shall have acceptable identification showing the award bidders name posted in a conspicuous location on each piece of equipment. All equipment shall have standard amber rotating beacons, which shall be operating when the equipment is on the Airside Operations Area.

All equipment, tools and machines used in the performance of this contract shall be in safe and good working condition at all times.

**3.4 WORK ACCEPTANCE**

The determination of percent rubber removal will be made by the Aviation Department Engineer utilizing Continuous Friction Measuring Equipment (CFME) for measuring Coefficient of Friction as described in F.A.A. Advisory Circular No.150/5320-12C, dated March 18, 1997, or the most recent version of this circular. An area shall be considered cleaned of rubber and acceptable for measurement and payment, in accordance with these specifications, when the average coefficient of friction of the pavement surface in the area cleaned of rubber is restored to at least 85% of the average coefficient of friction of the pavement surface measured at an un-traveled section of the runway. Excessive removal of the pavement surface aggregate by the rubber removal process is not permitted. Excessive removal will be judged to have occurred if the average coefficient of friction in the area cleaned of rubber exceeds 100% of the average coefficient of friction measured at an un-traveled section of the runway.

Should the equipment or procedures used to remove the runway rubber appear to cause runway surface damage or cause it to become polished or deteriorated, MDAD may test and evaluate the resulting runway friction coefficient (RFC) or damage after rubber removal is complete. If the tests indicate significant damage, the bidder shall be responsible for the costs incurred by the County for evaluation, testing, and surface restoration. Further, the County may submit a non-performance review to the awarded bidder based upon non-conforming performance

to the specifications. The awarded bidder may be terminated from the contract should the performance not be corrected as required by the County.

### **3.5 DEFICIENCIES IN WORK TO BE CORRECTED BY THE BIDDER**

The bidder shall promptly correct all apparent 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 three (3) calendar days after such rejected defects, deficiencies, and/or non-conformances are reported to the County. 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 five (5) 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 from another supplier to correct the deficiencies, and charge the 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 this contract for default.

### **3.6 CLEANING METHODS**

The County will clearly mark out in advance the areas to be cleared by the awarded bidder. The awarded bidder shall conduct its operations without any damage to the pavement surface, grooving, runway lights and joint sealers. The integrity of the grooving shall not change.

Upon completion of high pressure rubber removal and the vacuuming of the waste generated, the awarded bidder shall rinse clean any rubber residue toward the shoulders of the pavement to allow the pavement surface to air dry.

The awarded bidder will coordinate the operations of all equipment to assure that the rubber particles removed are not tracked onto clean surfaces.

**SECTION 4****Bid Submittal**

<b>Per Section 2.3</b>	<b>Minimum Qualifications:</b> Refer to Paragraph 2.3 to ensure that your firm's responses comply with the Solicitation's qualifications.			<b>Initial Affirming Submittal</b>
<b>A. Project Manager / Supervisor</b>	Name: _____ Telephone: _____ Email: _____			
<b>B. References</b>	<b># 1</b>	<b># 2</b>	<b># 3</b>	
<b>Company Name:</b>				
<b>Business Address:</b>				
<b>Contact Name:</b>				
<b>Title:</b>				
<b>Telephone Number:</b>				
<b>Fax Number:</b>				
<b>E-Mail Address:</b>				
<b>C. Minimum qualifications for equipment:</b>	Please submit the manufacturer's specification documents to reflect the equipment meets the minimum defined qualifications as listed in Section 2.3, C.			

**PRICING**

ITEM #	ESTIMATED QUANTITY (Per Year)	ITEM DESCRIPTION	UNIT PRICE (per square foot)
1.	2,000,000 square feet	Runway Rubber Removal and Disposal	\$
2.	40,000 square feet	Removal of Markings and Striping and Disposal	\$