



## **SECTION 3 – TECHNICAL SPECIFICATIONS**

### **3.1 PURPOSE**

It is the intent of this solicitation to pre-qualify potential vendors for the loading, hauling, and disposal of debris resulting from a Declared Emergency, generated as a result of damages suffered due to a disaster occurring in Miami-Dade County, natural or otherwise.

Objectives inherent within this Debris Removal prequalification Pool are:

1. Fast mobilization and high removal capacity.
2. Environmentally acceptable handling and removal of debris.
3. Minimization of overall impact to surrounding residential and business communities.
4. Efficient handling and removal by minimizing the number of times materials are handled.

The Contractor(s) shall furnish all labor, material, and equipment necessary for satisfactory contract performance. When not specifically identified in the technical specifications, such materials and equipment shall be of a suitable type for bulk hauling of debris, or fill, construction involving land clearing, demolition, trash and garbage hauling. All material, workmanship, and equipment shall be subject to the inspection and approval of the County's Project Manager.

Although this Solicitation does not identify the equipment needed to perform the work, it is hereby understood and agreed that if, in the County's sole discretion, it is determined that additional equipment is required after the notice to proceed or purchase order is issued; the Contractor is obligated and must have the capability to secure whatever equipment is necessary to successfully perform the work in as expeditious a manner as possible.

Equipment used must be in compliance with all applicable federal, state, and local regulations. Any truck/trailer used to haul debris must be capable of rapidly dumping its load without the assistance of other equipment. Trucks and/or trailers must be equipped with some type of net or other material to cover the load and a tailgate that will effectively contain the debris during transport to permit the truck to be filled to capacity. All trucks must be pre-measured and marked for their cubic yard load capacity, and their tare weight established.

Equipment will be mobilized to activated work areas to remove debris. The County will allow access to each of the designated staging areas and/or disposal sites through the issuance of vouchers. Loading equipment will vary depending upon the material to be removed within each area, but will typically include high-capacity cranes or lightning loaders, to load trucks.

Contractor(s) must make every effort at the loading sites, whether in the right-of-way or staging areas, to identify any hazardous waste so it is not loaded for transport to the designated disposal sites. If hazardous waste is found at any loading site, the material shall be placed aside by cranes or loaders, and the County's Project Manager shall be expeditiously notified. The County's Project Manager shall be responsible for removal and disposal of any such hazardous waste.

Only contractor(s) will be permitted to remove debris from the work area(s). To ensure load verification, the County will provide a County employee at each loading site and/or disposal site to supervise all loading and unloading.

Contractor(s) should give first priority to utilization of resources within Miami-Dade County, including but not limited to procuring supplies, truckers, materials and equipment, awarding subcontracts, and employing Work personnel.

### **3.2 LOCATION OF WORK - STAGING AREAS, AND DISPOSAL SITES**

#### **3.2.1 Work Areas**

The County will be divided into work areas. Each of Miami-Dade County's municipalities will constitute its own work area. The remaining work areas comprise the remainder of the Unincorporated Municipal Service Area (UMSA).

### 3.2.2 Staging Areas

Throughout the County, there are eleven (11) designated staging areas where debris designated for removal may be stored. Contractor(s) will be required to remove debris from anywhere within an assigned work area(s), including but not limited to rights-of-way and staging areas. Department of Solid Waste Management may add or delete staging areas prior to the issuance of the RFQ, in its sole discretion. The eleven (11) staging areas are as follows:

<b>NORTH:</b>		<b>SIZE</b>
1	<i>Amelia Earhart Park</i> 11900 NW 42 Avenue, Miami, FL	20 Acres
2	<i>58 Street Landfill</i> Northwest 58 Street and 92 Avenue, Miami, FL	33 Acres
3	<i>North Dade Landfill</i> 21500 NW 47 Avenue, Miami, FL	80 Acres
<b>CENTRAL:</b>		
4	<i>Tamiami Trail Park (North)</i> Southwest 8 Street and 127 Avenue, Miami, FL	4 Acres
<b>SOUTH:</b>		
5	<i>Fairwood Park</i> Southwest 168 Street and 107 Avenue, Miami, FL (NE Corner)	5 Acres
6	<i>Southridge Park</i> 19355 SW 114 Avenue, Miami, FL	7.5 Acres
7	<i>Heft Park</i> Southwest 304 Street and 148 Court, Miami, FL	15 Acres
8	<i>Goulds Park</i> 21805 SW 187 Avenue, Miami, FL	5 Acres
9	<i>Benito Juarez Park</i> 19400 SW 376 Street, Miami, FL	6 Acres
10	<i>South Dade Landfill</i> 24000 SW 97 Avenue, Miami, FL	40 Acres
11	<i>Old South Dade Landfill</i> 24000 SW 97 Avenue, Miami, FL	70 Acres

### 3.2.3 Disposal Sites

If needed, the Contractor shall haul all debris either directly or from the staging areas to the following disposal sites, as designated by the Project Manager:

- Medley Sanitary Landfill and Recycling Center  
9350 NW 89 Avenue, Miami, Florida 33178
- North Dade Landfill  
21500 NW 47 Avenue, Miami, Florida
- South Dade Landfill  
24000 SW 97 Avenue, Miami, Florida
- Resources Recovery  
6990 NW 97 Avenue, Miami, Florida
- Other locations as may be determined by the County.

Contractor(s) shall be responsible for identifying all of their hauling equipment and shall display their company name, telephone number, the truck number, and the truck's cubic yard capacity clearly visible on the doors of each vehicle. Contractor(s) shall not be required to pay tipping fee charges. The County shall be responsible for all tipping fee charges during the entire Contract period.

### **3.3 SCOPE OF WORK**

The work to be performed consists of removing debris caused by a disaster occurring in Miami-Dade County, natural or otherwise, and transporting and depositing said debris at staging areas and/or disposal sites as designated by the County. The County shall retain the option to activate whatever area(s) it deems appropriate, whenever it is deemed appropriate, consistent with the disaster. The debris that is the subject of this Contract may be required to be sorted, at the sole discretion of the County. Sorted Emergency Debris shall include but not be limited to the following categories:

1. Trees and vegetation
2. Burnables - miscellaneous lumber, paper, furniture, etc.
3. Construction debris - miscellaneous concrete items, metal, plaster, glass etc.
4. White Goods - stoves, refrigerators, washers, dryers, water heaters, etc.
5. Tires

All debris that falls under the scope of this solicitation is to be removed and either directly disposed of by the Contractor at approved sites as specified in these Technical Specifications and as directed by the Project Manager, or removed and stockpiled at one of the staging areas for volume reduction and disposed by others.

Household garbage is excluded unless it is garbage that has become co-mingled with Emergency Debris as a result of the disaster. Contractors will not be permitted to commingle debris from any other than those locations identified in the County's purchase order.

### **3.4 LIMITATION OF OPERATIONS**

No Work shall be performed on any day between the hours of 10:00 P.M. and 7:00 A.M. without prior written approval. Permission by the Project Manager.

### **3.5 PERFORMANCE REQUIREMENTS**

Contractor(s) have the sole responsibility for hauling of Debris in accordance with the terms and conditions specified in the solicitation, and must possess the ability and capability to remove the debris in their assigned work area.

Upon receipt of a purchase order, Contractor(s) shall commence the work within the time specified in the RFQ, and continue such work in an expeditious manner to a conclusion acceptable to the Project Manager, provided however, that a minimum of one thousand four hundred (1400) cubic yards of debris is removed per day.

The County reserves the right for around-the-clock service, if deemed necessary, at the sole discretion of the County. Contractor(s) must be available for emergency calls or service at any time.

### **3.6 SAFETY FACTORS IN WORK AREAS**

In submitting a quote, Contractor(s) must recognize that they will be working along public roadways and shall exercise extreme safety measures by employing, if necessary, flagmen, barricades, cones or any other means necessary to protect the public during all operations. Contractor(s) shall protect from damage all existing improvements in areas of the work and in areas contiguous to the work, including but not limited to fire hydrants, fences, mail boxes, sidewalks or walkways (asphalt or concrete ) etc., and will restore any damage caused by the Contractor in a prompt and acceptable manner. If the Contractor fails or refuses to repair such damage, the County reserves the right to have the necessary work performed by others, and to deduct the cost(s) therefore from payments due the Contractor.

The Contractor's personnel shall be properly equipped with the required safety equipment, hard hats, clothing or any other safety materials that are necessary to perform the required work.

### **3.7 ORDER OF WORK AND METHOD OF REMOVAL**

The Contractor is cautioned that debris can only be removed from public property, e.g. the right-of-way and staging areas. Should it become necessary, in the Contractor's best judgment, to remove, for whatever reason, debris from private property, permission must first be sought and granted by the Project Manager. The Contractor is to have no direct or indirect negotiations with the property owner/custodian of the private property.

All debris specified in the purchase order must be removed. At the completion of the debris removal any cavity or hole shall be rough graded to remove any hazardous conditions. It is required that all holes created by the removal of debris be backfilled and re-sod with materials acceptable to the Project Manager and left in a safe condition.

The Contractor will be required to locate and acquire fill materials to rough grade and re-sod the site. Backfill material and all work necessary to backfill, grade, and re-sod shall be included in the price quoted. The Contractor shall have sufficient crews and equipment to completely remove all Emergency Debris within the activated area or as directed by the Project Manager.

The Project Manager reserves the right to prioritize work areas within the activated area and Contractor(s) shall be expected to fully cooperate and respond according to any priority list of locations provided by the County in the form of a Purchase order or an amendment thereto. Contractor(s) shall exercise care to leave all standing trees and vegetation intact. All loose debris, such as tree limbs, shall be reasonably compacted on the hauling vehicle by use of loading equipment. Trees with limbs remaining attached that are four (4) inches in diameter or greater shall be removed at the tree trunk by the Contractor, using a chain saw or other appropriate means. All vehicles utilized in hauling debris will be equipped with adequate means of containing the load while transporting the debris to the staging area/disposal site and must effectively be retained within the hauling vehicle. Side boards or other extensions to the bed will be permitted provided they meet state and local requirements, cover the front and two sides, and are substantially constructed. Except as permitted hereinafter, all trucks utilized in hauling debris must be equipped with a tailgate that will effectively contain the debris on the vehicle while hauling and also permit the vehicle to be loaded to capacity.

The Contractor shall leave paved areas in a relatively clean condition to the satisfaction of the Project Manager.

### **3.8 SORTING OF DEBRIS**

The Contractor's personnel may, in the sole discretion of the County, be required to sort and segregate the debris into the categories designated in **Section 3.2** before removing the debris from the right-of-way. If required by the County to sort and segregate debris, for whatever reason, Contractor(s) must include a separate, additional "per cubic yard" price in the RFQ. If the County determines that it becomes necessary to sort and segregate debris, the County will instruct Contractors on the method to be utilized and this information will be included in the RFQ.

Any and all Hazardous Waste discovered or uncovered by the Contractor through sorting and/or removal efforts are to be immediately placed aside for pick-up by County personnel, and the County's Project Manager shall be notified at once. The area in which the Hazardous Waste is discovered must remain untouched until County's Project Manager can make the determination of the proper procedure to remove such Hazardous Waste.

### **3.9 STORAGE OF EQUIPMENT**

The Contractor shall be responsible to locate areas where the Contractor's equipment may be stored, serviced, or repaired. Such areas shall not be located within road rights-of-way or in any areas which would impact traffic flow or produce a safety hazard. No vehicle or equipment may be stored at the staging areas or at the disposal sites. Any vehicle or equipment stored at the staging area or disposal site will be towed away at the contractor's expense. No camping or overnight stay will be allowed.

**3.10 CAUTIONARY SECTION**

The County shall expect the Contractor on each site to use every method at his disposal to protect the properties on which Contractor will be working. If, in the opinion of the County, the Contractor is acting in such a manner as to cause unnecessary damage to properties, whether they are public or private, the County shall invoke its authority to immediately terminate the contract and pay the Contractor for the work completed to date. The termination of this contract shall be effective immediately upon written notice by the County to the Contractor.

**3.11 PRE-WORK CONFERENCE**

After the submission of the RFQ but prior to the issuance of a Purchase order(s), a Pre-Work Conference will be held with Contractor(s), members of the Department of Solid Waste Management and other Miami-Dade County agencies, representatives of utility companies, or any other parties affected by the work. The time and place of this conference may be set by the Department of Solid Waste Management.

**SECTION 4 – BID SUBMITTAL**

TO BE COMPLETED BY ALL SUBMITTER(S)

Refer to Paragraph 2.3, Qualification Criteria to ensure that your firm’s responses and attachments comply with the Solicitation requirements.

Reference	Minimum Qualifications Requirements
2.3	Submitters shall hold following and will be required to provide copies of all licenses with their response to this solicitation
	<b>1) General Hauler Permit</b> Permit # _____ Expiration Date: _____
	<b>2) Current Year’s (2017-2018) Miami-Dade Local Business Tax Receipt/ Business tax Receipt from where business is located</b> Business Tax Receipt # _____ Expiration Date: _____
	<b>3) Previous Year’s (2016-2017) Miami-Dade Local Business Tax Receipt/ Business tax Receipt from where business is located</b> Business Tax Receipt # _____ Expiration Date: _____

Reference	General Qualifications Requirements																								
2.3	Submitters shall meet following experience, qualification requirements and where applicable provide proof of equipment ownership or long-term lease.																								
	<b>1) List of Equipment( Owned/ Leased) and Attach copy of equipment lease or title as a proof of ownership or long-term lease( 12month or more)</b>																								
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<b>3) Check applicable categories below to indicate the related activity(ies) of having been an established, duly-licensed firm engaged in business within any of the following activities for a minimum period of one(1) year as of the date of the initial submittal</b>																									
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**4) Submitter shall list 3 references as a proof of satisfactory record of performance**

**Reference #1**

Company Name	
Company Address	
Contact Person (name & title)	
Phone Number	
Email	
Project Start Date/End Date	
Work Description	

**Reference #2**

Company Name	
Company Address	
Contact Person (name & title)	
Phone Number	
Email	
Project Start Date/End Date	
Work Description	

**Reference #3**

Company Name	
Company Address	
Contact Person (name & title)	
Phone Number	
Email	
Project Start Date/End Date	
Work Description	

2.3