

**Date:** December 11, 2017

**To:** Gary T. Hartfield, Division Director  
Small Business Development Division  
Internal Services Department

**From:** Alejandro Martinez-Esteve, RA, LEED AP.  
Chief, Capital Improvements Division  
Department of Transportation and Public Works

**Subject:** Notice of Construction Project:  
Miscellaneous Construction Contracts: MCC 7360  
Plan – CICC 7360-0/08 - Request for Price  
Quotation (RPQ) Nos. 20170309, 20170310,  
20170311, 20170312, 20170313, 20170314,  
20170315  
Debris Removal from Storm Drainage Structures-  
Hurricane Irma

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**RECOMMENDATION**

A Disadvantaged Business Enterprise (DBE) goal of 10.65% participation has been assigned to these projects. The subject projects are being funded by the Federal Emergency Management Agency (FEMA). The DBE requirements of applicable federal and state laws apply to these Agreements. The Base Cost Estimate of construction including Contingency for each project is \$4,092,248.00. This project is federally funded, therefore, the Community Workforce Program (CWP) is not applicable.

**BACKGROUND**

On September 10, 2017, Hurricane Irma damaged several trees on Miami-Dade County. As a result, several storm inlets got clogged with debris impeding the infiltration of rain water and causing dangerous situations along the roads of the County

Should you require any additional information, please call me at (305) 375-2097, or Alfredo Munoz at (305) 375-4891.

Attachments (2)

AM/am

cc: Laurie Johnson, ISD/SBD  
Jhonnatan Escalante, ISD/SBD  
James P. Ferreira, P.E., DTPW  
Alfredo Muñoz, P.E., DTPW  
Dianah Coakley, DTPW  
File

MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT DEPARTMENT  
CONTRACT / PROJECT MEASURE ANALYSIS AND RECOMMENDATION

**To:** Gary T. Hartfield, Division Director  
Small Business Development Division  
Internal Services Department

**From:** Alejandro Martinez-Esteve, RA, LEED AP  
Chief, Capital Improvements Division  
Department of Transportation and Public Works (DTPW)

**Date:** Monday, December 11, 2017



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**CONTRACT INFORMATION**

**Contract Type:** MCC 7360: Multiple Trade – Debris Removal from Storm Drainage Structures-Hurricane Irma

**Request for Price Quotation (RPQ) No:** 20170309, 20170310, 20170311, 20170312, 20170313, 20170314, 20170315.

**RPQ Title:** Debris Removal from Storm Drainage Structures-Hurricane Irma

**Re-submittal:** No

**Standard Industrial Code (SIC) / North American Industry Classification Code (NAICS):** 1611 / 237310 - Highway, Street & Bridge Construction

**Estimated Base Project Cost Including Contingency:** Seven (7) contracts at \$4,092,248.00 each

**Funding Source:** Federal Emergency Management Agency (FEMA) and Local Funds

**Bonding Requirements:** Bid Bond– 5% of base bid amount  
Performance Bond- 100% of Contract Award Amount

**Method of Award:** Line Item

**PROJECT INFORMATION**

**Scope of Work**

Work under this contract includes, but is not limited to the following:  
Furnishing all supervision, labor, required materials, equipment, tools and performing all operations necessary to completely remove and dispose of debris, vegetation, soil, rock, and any type of blockage

**RPQ No.:** 20170309, 20170310, 20170311, 20170312, 20170313, 20170314, 20170315  
**RPQ Title:** Debris Removal from Storm Drainage Structures-Hurricane Irma



inside existing pipe culvert(s), box culvert(s) or inlet structure(s) located within County maintained rights-of-ways. Illustrative Work Tasks may involve the following:

1. Access to the pipe or box culvert may require temporary removal of fence, signs, guardrail, grates or manhole covers.
2. Clean existing pipe or box culverts by completely removing all of the debris, vegetation, soil, rock, and any type of blockage to restore the hydraulic conveyance design capacity of the pipe or box culvert.
3. Clean existing inlet structures by completely removing all of the debris, vegetation, soil, rock, and any type of blockage.
4. Perform clearing operations in a manner not to damage the pipe culverts, box culverts, and inlet structures or surrounding area.
5. Meet the requirements of Federal, State and local environmental standards and laws when performing all activities.
6. Identify and report to Engineer necessary repairs to the pipes or box culverts and structures exposed during the clearing operation.
7. Document by GPS location of items cleaned and/or desilted and take pictures before and after performing the work using GPS coordinates embedded on the picture.

**Required Contractor's Certification:**

At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County, Florida and these Solicitation and Contract Documents, the Bidder must hold a valid, current, and active:

- a. Certificate of Competency from the County's Construction Trades Qualifying Board as a General Engineering Contractor or as a Specialty Engineering Contractor, commensurate to the requirements of the Scope of Work, in one or more engineering crafts to include pipeline engineering contractor, paving engineering contractor, pipelines, or plumber master . The specialty contractor shall subcontract with a qualified contractor any work which is incidental to the specialty but is specified in the aforementioned Code as being the work of other than that of the Engineering Specialty for which certified; or
- b. Certification, as a General Contractor or as a underground utility and excavation contractor, provided by the State of Florida Construction Industry Licensing Board, pursuant to the provisions of Section 489.115 of the Florida Statutes

**Experience Requirement:**

The Bidder must demonstrate that it has full-time personnel with the necessary experience to perform the Project's Scope of Work. This experience shall include work in successfully completed projects performed by the identified personnel whose bulk of work performed in the Public Right-of-Way is similar in detail to the Project's Scope of Work described in these Solicitation Documents. Demonstrate the experience requirement by:

Providing a detailed description of at least three (3) projects similar in detail to the Project's Scope of Work described in these Solicitation Documents and in which the Bidder's identified personnel is currently engaged or has completed within the past five years. List and describe the aforementioned projects and state whether the work was performed for the County, other government clients, or private entities. The description must identify for each project:

- A. The identified personnel and their assigned role and responsibilities for the listed project
- B. The client name and address including a contact person and phone number for reference

- C. Description of work
- D. Total dollar value of the contract
- E. Contract duration
- F. Statement or notation of whether Bidder's referenced personnel is/was employed by the prime contractor or subcontractor, and
- G. For completed projects, provide letters of certification of final acceptance or similar project closure documentation issued by the client and available Contractor's performance evaluations.

**Additional Information:**

Permits, Licenses, Certifications, and General Regulations:

Permits that are issued by the Public Works Department, Miami-Dade County for construction within the public right-of-way, as well as additional permits, which may be required by other municipalities or agencies, including those required for tree removal, will be the responsibility of the Contractor.

**RECOMMENDATION**

**Areas for Possible Measures: None**

**Areas Recommended for DBE Participation: None**

**Contract Measure Recommendation:**

- No Measure
- Set-Aside:
  - Level I
  - Level II
  - Level III
- Trade Set-Aside(s):
- Aggregate Set-Aside
- CSBE Subcontractor Goal
- CWP: Not Applicable
- DBE Subcontractor Goal: 10.65%

**Reason for Recommendation:**

These are federally funded projects and may require the contractor to assign a DBE goal. Primary contractor must comply with the requirements of FHWA-1273 Section VII.1, which states that primary contractor must perform work amounting to no less than 30 percent of the original contract amount, excluding specialty items, within their own organization.

**Comments:**

Miami Dade County is in need of cleaning all the storm systems affected by Hurricane Irma. Initial calculations from Storm Drainage Division, estimated that about 4.5 million linear feet of pipe and about 68 thousand structures are on need of cleaning.

This project is federally funded which prohibits use of local business enterprise programs. Therefore, DTPW's response is to provide equal opportunity to the public by soliciting for bids under the CICC 7360 Contract.

**Similar Projects previously submitted for Project Review and Analysis Process:**

None

Total Estimate

\$ 17,636,456.00 Pipe  
\$ 557,408.00 Trench  
\$ 7,847,715.00 Structures  
**\$ 26,041,579.00** Sub Total  
\$ 2,604,157.90 10% contingency  
\$ 260,415.79 MOT at 1%  
\$ 3,000.00 Off Duty Police  
**\$ 28,909,152.69**

Number of Contracts

**7** \$ 2,519,493.71  
\$ 79,629.71  
\$ 1,121,102.14  
**\$ 3,720,225.57**  
\$ 372,022.56 \$ 4,092,248.13  
\$ 37,202.26  
\$ 428.57  
**\$ 4,129,878.96** Each