

Date: March 1, 2018

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. 20180020, 20180021,
20180022, 20180023
Debris Removal from Storm Drainage Structures-
Hurricane Irma

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 \$3,622,734.00. These projects are 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. On December 11, 2017 DTPW presented (7) seven contracts to be advertised under the FEMA guidelines. On January 24, 2018, we received the first set of bids for project 20170309 with bid prices under 67% below the Engineer Estimate. Subsequent bid opening for the other projects yielded similar results. Therefore DTPW is moving on to cancel all (7) seven projects and re-advertised only (4) four projects with adjusted prices and quantities.

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
Bernard Philippeaux, 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: March 1, 2018



CONTRACT INFORMATION

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

Request for Price Quotation (RPQ) Nos: 20180020, 20180021, 20180022, 20180023

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

Re-submittal: Yes

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

Estimated Base Project Cost Including Contingency: Four (4) contracts at \$3,622,734.00 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 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:

RPQ No.: 20180020, 20180021, 20180022, 20180023
RPQ Title: Debris Removal from Storm Drainage Structures-Hurricane Irma

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

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CONTRACT / PROJECT MEASURE ANALYSIS AND RECOMMENDATION

- 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:

20170309, 20170310, 20170311, 20170312, 20170313, 20170314, 20170315. But all had been cancelled

COST ESTIMATE							No. of Contracts
COUNTYWIDE DRAIN CLEANING							
Item No.	Description	Unit	Unit Price	Total Quantity	Per contract	Total Per Contract	
110-2-3A	STORM CULVERT DEBRIS REMOVAL (18" I.D. OR LESS 18" I.D. TO 30" I.D.)	L.F.	\$ 2.16	2,663,981.90	665,995.48	\$ 1,438,550.23	
110-2-3B	STORM CULVERT DEBRIS REMOVAL (GREATER THAN 30" I.D. TO 42" I.D.)	L.F.	\$ 2.54	998,009.10	249,502.28	\$ 633,735.78	
110-2-3C	STORM CULVERT DEBRIS REMOVAL (GREATER THAN 42" I.D.) INLET	L.F.	\$ 3.19	747,123.95	186,780.99	\$ 595,831.35	
110-2-3D	CLEANING OF CONCRETE SLAB COVER TRENCH (Catch Basin plus 10' in one direction- any width)	LF	\$ 4.00		-	\$ -	
430-95-2	Debris Removal Structure	E.A.	\$ 53.76	71,028	17,757.00	\$ 954,616.32	
SUBTOTAL						\$ 3,622,733.67	
999	CONTINGENCY FUND (10% of subtotal amount)					\$ 362,273.37	
102-1	MAINTENANCE OF TRAFFIC (Including temporary reflective pavement markers, markings, Permits)					\$ 36,227.34	
102-10A	OFF-DUTY LAW ENFORCEMENT OFFICER				820	\$ 2,000.00	
						\$ 820.00	
TOTAL CONSTRUCTION						\$ 4,024,054.38	
CEI					percent	3.0%	
GRAND TOTAL							

Estimate to be used for 4 projects