

Date: April 8, 2021

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

From: Alfredo E. Muñoz, P.E. 
Department of Transportation and Public Works
Chief, Capital Improvements Division

Subject: Notice of Construction Project:
Miscellaneous Construction Contracts: MCC 7360
Plan – CICC 7360-0/08 - Request for Price
Quotation (RPQ) Nos. 20210067, 20210068 and
20210069
Drain Cleaning Contract

RECOMMENDATION

The subject projects are being established to perform the cleaning of affected stormwater infrastructure by a weather event occurred in 2020. These contracts will be funded with Storm water Utility funds backed by the Federal Government, FEMA; therefore, it is recommended a Disadvantaged Business Enterprise (DBE) goal of 10.65%. The DBE program, as defined in 49 Code of Federal Regulations (C.F.R.) Part 26, as amended, shall have the opportunity to participate in the performance of contracts financed in whole or in part with Federal funds. The DBE requirements of applicable federal and state laws apply to these projects. The Total Cost Estimate of construction including Contingency for each of the subject projects is \$431,200.00. The Department of Transportation and Public Works (DTPW) staff has attached the DTPW Project Measure Analysis and Recommendation findings along with other supporting documents for consideration. This project is federally funded; therefore, the Community Workforce Program (CWP) is not applicable.

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, including Maintenance of Traffic (MOT), Mobilization and Demobilization costs 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 with County maintained rights-of-ways. The Work may also include nighttime work as directed by the County. 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 length of pipe cleaned.
8. Map direction of pipes emanating from drainage structures, show pipe size any interconnections. Note any suspected blockages. Maps may be hand drawn on an aerial photograph or other format approved by the engineer.
9. Take pictures before and after performing the work using GPS coordinates embedded on the picture.

Should you require any additional information, please call me at (305) 375-2669, or Elva Reyes at (305) 375-3267.

Attachments (1)


AM/rb

Page 2

cc: Alexander Barrios, DTPW
Rene Idarraga, P.E., DTPW
Roxana Bayarre, P.E., DTPW
Elva Reyes, DTPW
Daniel Viaud, DTPW
Daryl Hildoer, P.E., DTPW
Liza Herrera, P.E., DTPW
Laurie Johnson, ISD/SBD
Jhonnatan Escalante, ISD/SBD
Marcia Martin, ISD
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: Alfredo E. Muñoz, P.E. 
Department of Transportation and Public Works
Chief, Capital Improvements Division

Date: April 8, 2021

CONTRACT INFORMATION

Contract Type: MCC 7360: Single Trade – Drain Cleaning

Request for Price Quotation (RPQ) No: 20210067, 20210068 and 20210069

RPQ Title: Drain Cleaning Contract

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: \$431,200.00

Funding Source: Federal (Fronted by Storm Water Utility)

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

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RPQ No.: 20210067, 20210068 and 20210069
RPQ Title: Drain Cleaning Contract

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 length of pipe cleaned.
8. Map direction of pipes emanating from drainage structures, show pipe size any interconnections. Note any suspected blockages. Maps may be hand drawn on an aerial photograph or other format approved by the engineer.
9. 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 paving engineering contractor. 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.

Pursuant to Section 255.20, F.S., the County may consider a bid from a Bidder in good standing, meeting the license requirements above, that has been prequalified and considered eligible by the Florida Department of Transportation (FDOT) under Section 337.14, F.S. and Chapter 14-2, Florida Administrative Code, to perform the work described in the Contract Documents. Contractors seeking consideration under this Paragraph shall submit along with the Bid Documents for review and consideration, current copy(ies) of their FDOT Certificate(s) of Qualification in the Flexible Paving or Drainage Work Class, Certification of Work Underway, and Status of Contract(s) On Hand.

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: N/A

Areas Recommended for DBE Participation: 10.65% DBE Goal

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 Participation: 10.65%

Reason for Recommendation:

These are single trade projects. Primary contractor must comply with the requirements of FEMA, which states that primary contractor must perform work amounting to not less than 30 percent of the original contract amount, excluding specialty items, with their own organization.

Comments:

The current DBE statewide participation is 10.65%.

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:

20200183: Emergency Drain Cleaning
20150184: Emergency Drain Cleaning