


Date: March 29, 2022

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

From: Alfredo E. Muñoz, P.E. 
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) No. 20220040
Matheson Hammock Bridge Rehabilitation

RECOMMENDATION

The Department’s Capital Improvements staff completed the review of the subject RPQ in accordance with the applicable provisions of Implementing Order 3-22 and recommends a Small Business Enterprise Construction (SBE-CONST) measure. A Community Workforce Program (CWP) goal, if applicable, is to be determined by Small Business Development.

Scope of Work:	Multiple Trade – Bridge Rehabilitation
Engineer Project Base Cost Estimate Including Contingency:	\$309,948.21
SBE-CONST Measure:	Not Measure
SBE-GS Measure:	Not Applicable
CWP:	As Applicable

SCOPE OF WORK

Work under this Contract includes furnishing of all supervision, labor, materials, tools, equipment and performing all operations required to construct the Work in accordance with the Contract Documents.

Work includes but is not limited to the following:

- Structural Rehabilitation of Bridge Number 874294, Matheson Park Road over Matheson Hammock Canal.
- Rehabilitation of structure includes repair of spalls, delaminations, and cracks at the following locations: Underside of sonovoid slab units, bent cap, and columns.
- Installation of Carbon Fiber Reinforced Polymer wraps at underside of sonovoid slab units.
- Installation of structural jacket around column as indicated in plans.
- Removal of existing transverse post-tensioning wires and installation of new post-tensioning bars/strands.

Should you require any additional information, please call me at (305) 375-4891, or Roxana Bayarre at (305) 375-3267.


Attachments (1)

AM/er

cc: Laurie Johnson, ISD/SBD
Jhonnatan Escalante, ISD/SBD
Roxana Bayarre, P.E., DTPW
Elva Reyes, DTPW
Daniel Viaud, DTPW
Project File

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
CONTRACT / PROJECT MEASURE ANALYSIS AND RECOMMENDATION

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

From: Alfredo E. Munoz, P.E. 
Chief, Capital Improvements Division
Department of Transportation and Public Works (DTPW)

Date: Tuesday, March 29, 2022

CONTRACT INFORMATION

Contract Type: MCC 7360 Plan: Multiple Trade –Bridge Rehabilitation

Request for Price Quotation (RPQ) No: 20220040

RPQ Title: Matheson Hammock Bridge Rehabilitation

Re-submittal: No

Prevailing Wages Rate Required: 23731-Highway Street and Bridge Construction

Estimated Base Project Cost Including Contingency: \$ 309,948.21

Funding Source: Parks

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

- A. Work under this Contract includes furnishing of all supervision, labor, materials, tools, equipment and performing all operations required to construct the Work in accordance with the Contract Documents.

RPQ No. 20220040
RPQ Title: Matheson Hammock Bridge Rehabilitation

B. Work includes but is not limited to the following:

- Structural Rehabilitation of Bridge Number 874294, Matheson Park Road over Matheson Hammock Canal.
- Rehabilitation of structure includes repair of spalls, delaminations, and cracks at the following locations: Underside of sonovoid slab units, bent cap, and columns.
- Installation of Carbon Fiber Reinforced Polymer wraps at underside of sonovoid slab units.
- Installation of structural jacket around column as indicated in plans.
- Removal of existing transverse post-tensioning wires and installation of new post-tensioning bars/strands.

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 Certificate of Competency as a General Engineering Contractor or as a Specialty Engineering Contractor, commensurate to the requirements of the Project's Scope of Work, in one or more engineering crafts to include Structural Engineering. 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

Pursuant to Section 255.20, Florida Statutes (F.S.) and in lieu of the above, the County may consider a bid from a Bidder that is a duly licensed Contractor in good standing that has been pre-qualified 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, Certification of Work Underway, and Status of Contract(s) On Hand. Acceptable FDOT prequalification(s) necessary to perform the work specified in the Project's Scope of Work shall include the Minor, or Major bridge Work Class.

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: Not Applicable

Areas Recommended for SBE-construction Participation: Not Applicable

Contract Measure Recommendation:

- No Measure
- Set-Aside:
 - Level I Level II Level III
- Trade Set-Aside(s):
 - Traffic Stripes and Markings and signage: Painted and/or Thermoplastic
 - Concrete: Sidewalk and/or Curb and Gutter, including American with Disabilities (ADA) items
- Aggregate Set-Aside
- SBE-CONST Goal:
- SBE-GS Goal: Not applicable
- CWP: As Applicable.
- DBE Subcontractor Goal

Reason for Recommendation:

This is a multiple trade project; however, none of the primary trade related work can be subcontracted as per the Miscellaneous Construction Contract (MCC) specifications according to the scope of work. The bridge rehabilitation requires a structural or a general engineering firm with experience on bridge construction.

Comments:

This is a multiple trade work that requires a structural specialized firm in order to make the repairs.

Similar Projects previously submitted for Project Review and Analysis Process:

No similar projects previously submitted.

SBE-CONST Goal / Project No. / Amount achieved: As determined by SBD