

Date: May 15, 2015

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

From: Alejandro Martinez-Esteve, RA, LEED AP
Manager, Capital Improvements Section
Public Works & Waste Management Department

Subject: Notice of Construction Project:
Miscellaneous Construction Contracts (MCC)
Program: MCC 7360 Plan - CICC 7360-0/08
Request for Price Quotation (RPQ) No. 20150068
Bridge Rehabilitation—William Powell Bridge

RECOMMENDATION

Public Works and Waste Management, Capital Improvements Section staff completed its review of the scope of work for the subject RPQ. Based on the analysis of factors contained in Section VI D of Implementing Order 3-22, the Department recommends no sub-consultant goal.

Scope of Work:	Single Trade
Engineer Project Base Cost Estimate:	\$1,417,324
Measure/Set Aside:	Not applicable
CWP:	Not Applicable

BACKGROUND

The subject project bridge rehabilitation work consists of crack repairs to all 34 pier caps of the William Powell Bridge in accordance with the construction plans and specifications. All work will be performed at nighttime. The scope of work is detailed in the project information sheet.

These improvements are necessary in order to improve the structural integrity of the bridge and ensure and maintain public safety.

If additional information is needed, you may contact myself at (305) 375-2097 or Alfredo Muñoz at (305) 375-4891.

AM/AM

Attachments (2)

C:	Kelly Duncombe, ISD	Laurie Johnson, ISD	
	Alfredo Muñoz, P.E., PWWM	Dianah Coakley, PWWM	Project File

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

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

From: Alejandro Martinez-Esteve, RA, LEED AP
Manager, Capital Improvements Section
Public Works & Waste Management Department

Date: Friday, May 15, 2015

CONTRACT INFORMATION

Contract Type: MCC 7360: Single Trade

Request for Price Quotation (RPQ) No: 20150068

RPQ Title: Bridge Rehabilitation – William Powell Bridge

Re-submittal: No

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

Estimated Base Project Cost: \$1,417,324

Funding Source: Causeways

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 furnishing of all supervision, labor, materials, tools, equipment and performing all operations required for repairs to all 34 pier caps of the William Powell Bridge No. 874545 in accordance with the Contract Documents.

Work includes but is not limited to epoxy inject all cracks that measure between 0.010 and 0.50 inch wide at the surface of all existing concrete pier caps, notify if cracks wider than 0.50 inch are found, clean and apply penetrant sealant to all exposed concrete surfaces of all pier caps following epoxy injection repair of cracked areas. All work to be performed at nighttime.

RPQ No.: 20150068
RPQ Title: Bridge Rehabilitation – William Powell Bridge

If any changes are required due to conflict of design and or field conditions, the Engineer will make the final determination.

Required Contractor's Certification:

- A. Include with the bid submittal package, copies of certifications and documentation that demonstrate that 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 Documents, the Bidder holds a valid, current, and active:
 - a. Certificate of Competency from the County's Construction Trades Qualifying Board as a Specialty Engineering Contractor, commensurate to the requirements of the Scope of Work, in one or more engineering crafts to include structural 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. Pursuant to Section 255.20, F.S. and in lieu of the above, the County may consider a bid from a Bidder that is a Contractor in good standing that has been prequalified and considered eligible by the Florida Department of Transportation (FDOT) under Section 337.14, F.S. and Chapter 14-22, Florida Administrative Code, to perform the work described in the Contract Documents. Contractors seeking consideration under this Paragraph shall submit along with the bid submittal package 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 Contract Documents include the Minor Bridge Work Class or above.

Experience Requirement:

- A. Bidder, through full time personnel employed by Bidder, must demonstrate a minimum of five years of continual experience as the prime contractor in projects with scopes comparable to the Project Scope of Work. Demonstrate the experience requirement by including along with the bid submittal package a detailed description of projects, similar to the Project Scope of Work, in which Bidder is currently engaged or has completed within the past ten years.
 1. List and describe those projects performed for government clients, similar size private entities, and any work performed for the County
 2. Identify for each project:
 - a) Name of the client/owner,
 - b) Client/Owner contact person and phone number for reference
 - c) Description of work,
 - d) Total dollar value and duration of the contract,

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

- e) Statement or notation of whether Bidder is/was the prime contractor or subcontractor, and
- f) Results of the project.

B. 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 Minor Bridge Work Class or higher, Certification of Work Underway, and Status of Contract(s) On Hand.

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

PWWM Areas for Possible Measures: None

PWWM Areas Recommended for SBE Subcontractor Goal: None

Contract Measure Recommendation:

- No Measure
- Set-Aside:
 - Level I
 - Level II
 - Level III
- Trade Set-Aside(s): None
- Aggregate Set-Aside
- SBE Subcontractor Goal: Set Aside
- Community Workforce Program (CWP): Not Applicable
- DBE Subcontractor Goal

Reason for Recommendation:

This type of work is highly specialized and requires special equipment that is typically owned and/or leased by the contractor.

CSBE Prime History of similar Contracts/Projects for previous three years: None
Scope of Work History Summary – Subcontracting Opportunities: None
Similar Projects previously submitted for SBD Action: None
CSBE Goal / Project No. / Amount achieved: Not available

RPQ No.: 20150068
RPQ Title: Bridge Rehabilitation – William Powell Bridge

DEPARTMENT INPUT
CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Check applicable Ordinance(s): 90-143 Responsible Wage and Benefits 03-237 (formerly 03-1) Community Workforce Program

PROJECT INFORMATION See attachment

Contract/Project/*Work Order No.: 20150068

*Reference corresponding project number when submitting a work order

Contract/Project Title: William Powell Bridge Repairs

Description/Scope of Work: See Attached

Estimated Cost: 1590255 **Funding Source:** Other (specify)

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23rd Ct or Starts at 135 St. ends at 145 St.
Bridge Rehabilitation Repairs at the William Powell Bridge

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP) See attachment

Engineer/Department or Agency's estimated required workforce for Project Work Order :

Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job
Bridge Repairs	8	365

Comments: None

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
	\$	%	
	\$	%	
	\$	%	

RECOMMENDATION

Set-Aside: Level 1 Level 2 Level 3 Trade Set-Aside Sub-Contractor Goal Workforce Goal No Measure

Basis for Recommendation: The type of work for this project is very specialized.

Date submitted to DBD: 5-15-15

Contact Person: Alfredo Munoz

Telephone No.: 305-375-4891

William Powell Bridge Repairs

Project # 20120113

Pay Items List and Prices 05.11.2015

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANT.	20% NIGHT ADJUSTMENT	WITH 20% ADJUSTMENT	COMMENTS
101.1.	MOBILIZATION	LS	1	\$ 373,465.20	\$ 373,465.20	
102-1A	MAINTENANCE OF TRAFFIC	LS	1	\$ 223,200.00	\$ 223,200.00	
102-74-1	BARRICADES (TEMPORARY- TYPE I, II, VP & DRUM)	EADAY	11,160	\$ 0.31	\$ 3,481.92	
102-77	HIGH INTENSITY FLASHING LIGHTS (TEMPORARY, TYPE "B")	EADAY	1,240	\$ 0.84	\$ 1,041.60	
102-79	Temporary barricades (drum) warning lights	EADAY	6,200	\$ 0.25	\$ 1,562.40	
102-99	VARIABLE MESSAGE SIGN (TEMPORARY)	EADAY	310	\$ 26.40	\$ 8,184.00	
102-60A	WORK ZONE SIGNS	EADAY	3,100	\$ 1.04	\$ 3,236.40	
102-76A	ADVANCE WARNING ARROW PANEL	EADAY	310	\$ 13.80	\$ 4,278.00	
411-1	EPOXY MATERIALS FOR CRACK INJECTION	GA	100	\$ 117.78	\$ 11,778.00	
411-2	INJECT AND SEAL CRACKS	LF	2,000	\$ 50.89	\$ 101,784.00	
413-149	PENETRANT SEALER	GA	500	\$ 90.54	\$ 45,270.00	
413-154	CLEANING AND SEALING CONCRETE SURFACES	SF	56,942	\$ 8.22	\$ 468,063.24	
	Night Adjustment for night work originally recommended by consultant		1	\$ -171,979.48	\$ 171,979.48	
	PWMM BASE ESTIMATE				\$ 1,417,324.24	
999	CONTINGENCY FUND (10% OF BASE ESTIMATE AMOUNT)	LS	1		\$ 141,732.42	
	DEDICATED ALLOWANCES (Permits)	LS	1		\$ 10,000.00	
102-10A	OFF-DUTY LAW ENFORCEMENT OFFICER	LS	1		\$ 30,698.40	
990	ALLOWANCE PERMITS	LS	1		\$ 500.00	
	PWMM GRAND-TOTAL				\$ 1,590,255.06	