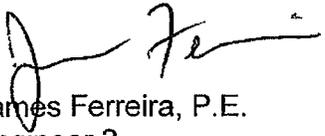


Date: June 25, 2013

To: Jack Osterholt, Director
Regulatory and Economic Resources
Small Business Development Division


From: James Ferreira, P.E.
Engineer 2
Public Works and Waste Management

Subject: Notice of Construction Project:
Project No. 20130144
Improvements to the Miami Avenue Bridge over the
Miami River
Formerly RPQ No. 20120111

RECOMMENDATION

The Public Works and Waste Management Department (PWWM) respectfully requests that SBD please review the following information provided. This RPQ completed the Project Review and Analysis process on January 31, 2013 with an approved Community Small Business Enterprise (CSBE) contract measure recommendation of Trade Set-Asides established for Pavement Markings and Signage and a Community Workforce Program (CWP) goal of 15.2%. The scope of work remains the same.

BACKGROUND

PWWM solicited for bids under the MCC 7360 Plan-CICC 7360-0/08 on Thursday, February 14, 2013 and received four bids for RPQ No. 20120111 on Wednesday, March 20, 2013. SBD reviewed and analyzed four apparent low bidders' bids included with PWWM's compliance review submittal package and determined the three lowest bidders were Non-Compliant.

In accordance with the Code of Miami-Dade County, SBD notified the companies of their right to provide further relevant information based on the notification of non-compliance. M & J Construction of Pinellas County, Inc. (M&J) requested a meeting to provide additional documentation and clarification to assist in the compliance review. In the meeting of May 2, 2013, M&J failed to provide information which would have enabled SBD to reverse its non-compliant determination.

The one remaining bid was 42% over the estimated cost of the project. Therefore, it was in the County's best interest to reject all bids and re-advertise under the subject Project No.

In the near future, PWWM intends to solicit for bids as a Capital Project since the total estimate cost changed from \$4,361,998.50 to \$5,399,351.45 for a difference of \$1,037,352.95.

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RC Action
20130144

Consequently, PWWM respectfully requests SBD perform its review of any changes in CSBE availability.

If any additional information is needed, please call me at (305) 375-3267, or Frank Aira at (305) 375-2930.

JF/jf

Attachments (2)

C: Kelly Duncombe, RER
Bassam Moubayed, PWWM
Frank Aira, P.E., PWWM
Marcos Redondo, P.E., PWWM
Luis O. Perez, PWWM
Dianah Coakley, PWWM
Lisset Cabrera, PWWM
Project File

Miami Dade County Public Works and Waste Management Department
Contract/Project Measure Analysis and Recommendation

To: Jack Osterholt, Director
Regulatory and Economic Resources
Small Business Development Division

From: James Ferreira, P.E.
Engineer 2
Public Works and Waste
Management Department

Date: Tuesday, June 25, 2013

Department: Public Works and Waste Management

Contract Type:

Single Trade – Bridge with auxillary work

Request for Price Quotation (RPQ) No.:

20130144

Re-submittal: Yes; Previous Review Committee (RC) Submittal Dates: December 11, 2012

No

Project Title:

Improvements to the Miami Avenue Bridge over the Miami River

Standard Industrial Code (SIC):

16-Heavy Construction

Estimated Project Cost:

\$5,399,351.45

Funding Source:

Road Impact Fees, GOB, Sec Gas Tax

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

Method of Award: Apparent Lowest, Responsive, Responsible Bidder: Line Item

RPQ No.: 20130144

RPQ Title: Improvements to the Miami Avenue Bridge over the Miami River

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.
- B. The Work includes but is not limited to performing the improvements to the bridge as delineated in the proposed design plans; including repair concrete sidewalk joints at approaches and joints at toe of bascule leaves, replace entire existing 5" open steel grating, strengthen and modify the existing span lock support brackets and install new span lock support brackets, replace new span lock assemblies, repair web cracks and welds in Bascule Span Main Girders, replace the existing hydraulic cylinder rod bushings, measure trunnion alignment and install new trunnion hub turned bolts, replace cylinder pressure relief valves and all rod bushings, seals and pipe fittings, install new lateral bracing hanger, perform spot repairs as well as overcoat all existing and new Structural steel members of the Bascule spans; re-grout base of cylinder support platform, re-anchor cylinder pedestal anchor bolts in concrete wall; re-shim shoe and replace existing elastomeric pads on Live Loads Shoes; perform detail design of the Control System modifications; furnish and install new Motor Control Center (MCC) for Span Locks, provide new span lock Hydraulic Power Unit (HPU) Motors, modify Control System and console for new span locks, provide new navigation lightings, and provide all disconnect switches, limit switches, heaters, conductors, wire, conduits and enclosures in accordance with and as delineated in the Plans. If any changes are required due to conflict of design and or field conditions, the Engineer will make the final determination.
- C. The Contractor and all subcontractors, under this Contract, are prohibited from performing any work, other than specified in the Contract and/or directed by the Engineer, within the limits of the project site, without prior written notification to the Engineer. This includes any work for private or commercial entities.

CONTRACTOR CERTIFICATION AND EXPERIENCE REQUIREMENTS

Certificate of Competency Requirement:

- 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 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 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

Miami-Dade County Public Works and Waste Management Department
Contract/Project Measure Analysis and Recommendation

RPQ No.: 20130144

RPQ Title: Improvements to the Miami Avenue Bridge over the Miami River

- 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 Major Bridge - Bascule Spans Work Class.

Experience Requirement:

- A. The Bidder, through full time personnel employed by the 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. A detailed description of projects, similar to the Project Scope of Work, in which the Bidder is currently engaged or has completed within the past ten years.
 - i. List and describe those projects performed for government clients, similar size private entities, and any work performed for the County.
 - ii. Identify for each project a) the client, b) description of work, c) total dollar value of the contract, d) contract duration, e) customer contact person and phone number for reference, f) statement or notation of whether Bidder is/was the prime contractor or subcontractor, and g) the results of the project.
 - b. An FDOT prequalified contractor may demonstrate the Experience Requirement herein by meeting the Certificate of Competency Requirement of subarticle 2 above.

Additional Certification Requirements:

- A. Provide copy of personnel's latest training records and current certification issued by the Steel Structures Painting Council Quality Program (SSPC QP) as SSPC QP1 (Field Application to Complex Industrial and Marine Structures) and SSPC QP2 (Field Removal of Hazardous Coatings), as required by the Scope of Work.

INSURANCE TO BE CARRIED BY CONTRACTOR

Contractor shall indemnify and hold harmless the County and its officers, employees, agents and instrumentalities from any and all liability, losses or damages, including attorneys' fees and costs of defense, which the County or its officers, employees, agents or instrumentalities may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature arising out of, relating to or resulting from the performance of this Agreement by the Contractor or its employees, agents, servants, partners principals or subcontractors. Contractor shall pay all claims and losses in connection therewith and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the County, where applicable, including appellate proceedings, and shall pay all costs, judgments, and attorney's fees which may issue thereon. Contractor expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by Contractor shall in no way limit the responsibility to indemnify, keep and save harmless and defend the County or its officers, employees, agents and instrumentalities as herein provided.

RPQ No.: 20130144

RPQ Title: Improvements to the Miami Avenue Bridge over the Miami River

The Contractor shall furnish to Public Works and Waste Management Department, Construction Division, 111 NW 1st Street, 14th Floor, Miami, Florida 33128, Certificate(s) of Insurance which indicate that insurance coverage has been obtained which meets the requirements as outlined below:

- a. Worker's Compensation Insurance as required by Chapter 440, Florida Statutes, including, if applicable, coverage under the U.S. Longshoremen and Harbor Workers' Act and Jones Act coverage.
- b. Commercial General Liability / Marine Liability Insurance on a comprehensive basis in an amount not less than \$1,000,000 combined single limit per occurrence for bodily injury and property damage. **Miami-Dade County must be shown as an additional insured with respect to this coverage.**
- c. Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the work, in an amount not less than \$500,000 combined single limit per occurrence for bodily injury and property damage.
- d. Hull and Protection and Indemnity Insurance, in an amount not less than \$1,000,000 covering combined single limit per occurrence for bodily injury and property damage. **Miami-Dade County must be shown as an additional insured with respect to this coverage.**
- e. Professional Liability Insurance in the name of the Contractor or the licensed design professional employed by the Contractor in an amount of not less than \$1,000,000 per claim.

All insurance policies required above shall be issued by companies authorized to do business under the laws of the State of Florida, with the following qualifications:

- a) The company must be rated no less than "B" as to management, and no less than "Class V" as to financial strength, by A.M. Best Company, Oldwick, New Jersey, or its equivalent, subject to the approval of the County Risk Management Division.

or

- b) The company must hold a valid Florida Certificate of Authority as shown in the latest "List of All Insurance Companies Authorized or Approved to Do Business in Florida" issued by the Department of Financial Services and are members of the Florida Guaranty Fund.

and

Any Protection and Indemnity Mutual which is a member of the International Group of Protection and Indemnity insurers (Applies to Protection and Indemnity as required in E above).

Certificates will indicate no modification or change in insurance shall be made without thirty (30) days in advance notice to the certificate holder.

Miami Dade County Public Works and Waste Management Department
Contract/Project Measure Analysis and Recommendation

RPQ No.: 20130144

RPQ Title: Improvements to the Miami Avenue Bridge over the Miami River

PWWM Areas for possible measures:

Pavement Markings and Signage

PWWM Areas recommended for CSBE participation:

Pavement Markings and Signage

Contract Measure Recommendation:

- No Measure
- Set-Aside:
 - Level I
 - Level II
 - Level III
- Trade Set-Aside(s): Pavement Markings and Signage**
- Aggregate Set-Aside
- CSBE Subcontractor Goal
- CWP: Applicable: Project work location is in a DTA.**
- DBE Subcontractor Goal

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RPQ No.: 20130144

RPQ Title: Improvements to the Miami Avenue Bridge over the Miami River

Reason for Recommendation:

This is a single trade project; none of the primary trade related work (Bridge) can be subcontracted as per the Capital Project specifications. Additionally, staff has met with the design engineer, construction project manager, and members of the industry and concluded that there is ancillary work required to complete this project which may be subcontracted for CSBE participation. Ancillary work includes all categories listed under "Areas for possible measures." Also, some categories of work are highly specialized and require special, heavy machinery and/or equipment that are typically owned by the contractor.

Comments:

In accordance with the Miami-Dade County Code (The Code), PWWM attached its Project Measure Analysis and Recommendation findings along with other supporting documents for consideration of small business participation. PWWM staff met with the Small Business Development Division's (SBD) Construction Manager in an effort to seek out additional opportunities for CSBEs. The Community Workforce Program (CWP) is applicable to this project. PWWM received a response from the Geocode System which determined that the work location is located in a Designated Target Area (DTA).

Contracts and Specifications staff completed its review of the scope of work for the subject RPQ. Public Works and Waste Management (PWWM) suggests the following contract measure recommendation: Pavement Markings and Signage.

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Miami Dade County Public Works and Waste Management Department
Contract/Project Measure Analysis and Recommendation

RPQ No.: 20130144

RPQ Title: Improvements to the Miami Avenue Bridge over the Miami River

CSBE Prime History of similar Contracts/Projects for previous three years:

None

Scope of Work History Summary – Subcontracting Opportunities:

Areas recommended for CSBE Trade Set-Aside (PWWM/SBD):

Pavement Markings and Signage

Areas used to meet subcontractor goal (Awarded Contractor):

N/A

Similar Projects previously submitted for Project Review and Analysis Process:

None

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**COST ESTIMATE MIAMI AVENUE TWIN BASCULE BRIDGES OVER THE MIAMI RIVER BRIDGE
NO. 874663 & 874664**

Item No.	Description	Qty	Unit Price	Total Cost
101.1.	MOBILIZATION	1.00	\$225,000.00	\$225,000.00
102-1A	MAINTENANCE OF TRAFFIC	1.00	\$20,000.00	\$20,000.00
102-60A	WORK ZONE SIGNS	17,250.00	\$0.34	\$5,865.00
102-71-11	CONCRETE BARRIER - CLASS E (TEMPORARY, INCLUDING RELOCATION)	144.00	\$26.29	\$3,785.76
102-71-21	BARRIER WALL (TEMPORARY) (RELOCATE) (CONCRETE)	144.00	\$17.52	\$2,522.88
102-74-2	BARRICADES (TEMPORARY- TYPE III, 6')	1,800.00	\$0.39	\$702.00
102-77	HIGH INTENSITY FLASHING LIGHTS (TEMPORARY, TYPE "B")	3,000.00	\$0.39	\$1,170.00
102-99	VARIABLE MESSAGE SIGN (TEMPORARY)	1,228.00	\$17.79	\$21,846.12
102-76A	ADVANCE WARNING ARROW PANEL	300.00	\$6.58	\$1,974.00
104-7	SEDIMENT BASIN / CONTAINMENT SYSTEM	2.00	\$1,170.00	\$2,340.00
104-9	SEDIMENT BASIN / CONTAINMENT SYSTEM-CLEANOUT	8.00	\$293.00	\$2,344.00
104-11-B	POST TEMPORARY SIGNS (3X4) (CAUTION MANATEE SIGN)	8.00	\$575.00	\$4,600.00
104-11A	FLOATING TURBIDITY BARRIER	890.00	\$11.70	\$10,413.00
400-4-4	CLASS IV CONCRETE, SUPERSTRUCTURE	1.50	\$4,584.00	\$6,876.00
415-1-4	REINFORCING STEEL (SUPERSTRUCTURE)	65.50	\$5.85	\$383.18
460-1-5	STRUCTURAL STEEL-REHAB (BASCULE LEAVES)	12,000.00	\$18.30	\$219,600.00
465-2-105	MOVABLE BRIDGE MACHINERY AND CASTING REHAB - (FURNISH & INSTALL) (SPAN LOCKS)	4.00	\$99,094.00	\$396,376.00
465-2-452	MOVABLE BRIDGE MACHINERY AND CASTING REHAB - (RECONDITION) (HYDRAULIC CYLINDER)	16.00	\$20,000.00	\$320,000.00
465-2-504	MOVABLE BRIDGE MACHINERY AND CASTING REHAB - (ADJUST/MODIFY) (TRUNNION ASSEMBLY)	8.00	\$4,000.00	\$32,000.00
465-2-505	MOVABLE BRIDGE MACHINERY AND CASTING REHAB - (ADJUST/MODIFY) (SPAN LOCKS)	4.00	\$3,000.00	\$12,000.00
465-2-508	MOVABLE BRIDGE MACHINERY AND CASTING REHAB - (ADJUST/MODIFY) (LIVE LOAD SHOES)	8.00	\$3,000.00	\$24,000.00
465-2-705	MOVABLE BRIDGE MACHINERY AND CASTING REHAB - (REMOVE SPAN LOCKS)	4.00	\$3,000.00	\$12,000.00
465-2-452A	MOVABLE BRIDGE MACHINERY AND CASTING REHAB - (RECONDITION) (HYDRAULIC CYLINDER) - REPLACE CYLINDER PRESSURE RELIEF VALVES.	16.00	\$1,196.00	\$19,136.00
465-3-57	COUNTERWEIGHT MOVABLE BRIDGE (ADJUST) (BALANCE BLOCKS)	4.00	\$74,263.00	\$297,052.00
465-21	MOVABLE BRIDGE - OPERATOR	300.00	\$525.00	\$157,500.00
504-1-1	FLOOR ROADWAY STEEL (5' OPEN)	14,620.00	\$110.00	\$1,608,200.00
507-70	ALUMINUM SIDEWALK FLOOR	12.00	\$150.00	\$1,800.00
508-1-5	MOVABLE BRIDGE ELECTRICAL EQUIPMENT, (EXISTING-ADJUST/MODIFY/REHAB)	1.00	\$118,109.00	\$118,109.00
508-2-1	MOVABLE BRIDGE GATE (Furnish & Install)	2.00	\$50,807.00	\$101,614.00
508-82-1	MOVABLE BRIDGE REHAB - CONTROL PANEL/MOTOR CONTROLLER (FURNISH & INSTALL)	1.00	\$96,876.00	\$96,876.00
508-82-4	MOVABLE BRIDGE REHAB - CONTROL PANEL/MOTOR CONTROLLER (RECONDITION)	1.00	\$55,000.00	\$55,000.00
560-1	PAINTING STRUCTURAL STEEL	1.00	\$1,100,000.00	\$1,100,000.00
706-3	REFLECTIVE PAVEMENT MARKER (SEE PLAN SHEET FOR DETAILS)	46.00	\$6.26	\$287.96
711-11-121	THERMOPLASTIC (WHITE) (SOLID) (6")	2,760.50	\$5.64	\$15,569.22
711-11-221	THERMOPLASTIC (YELLOW) (SOLID) (6")	921.20	\$5.64	\$5,195.57

SUBTOTAL

Percentage of second and third Bidders above first.

Allowances		
999	Contingency Fund (10% of Subtotal)	490,213.77
102-10A	Law Enforcement Officer	5,000.00
990	Allowance Permits	2,000.00
GRAND TOTAL		5,399,351.45