

**Date:** May 14, 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. 20150067  
Roadway Improvements - Alley North of SW 81 St  
between SW 67 Avenue to SW 69 Avenue

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### **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 a sub-consultant goal.

Scope of Work:	Single Trade
Engineer Project Base Cost Estimate:	\$307,828
Measure/Set Aside:	10%
CWP:	Not Applicable

### **BACKGROUND**

On May 8, 2015, bids were due for RPQs 20150045 but only one (1) bid response was received. The sealed bid was returned to the bidder because the contractor was not on the 7040 Contractor's Bidder List. As such, the Department recommends re-advertising this project through the MCC 7360 Program in order to increase the bidder's list.

The subject project work consists of retrofitting an existing alley with the construction of a new drainage system to include installation of drainage structures and French drains; grading; sodding; the construction of the roadway pavement; construction of concrete sidewalks and curb and gutters where needed in accordance with the construction plans and specifications.

The scope of work is detailed in the project information sheet. These improvements are necessary in order to provide safe and accessible pathways to the public.

If additional information is needed, you may contact myself at (305) 375-2097 or Elva Reyes at (305) 375-1889.

AM/ER

Attachments (2)

C: Coralee Taylor, ISD  
Laurie Johnson, ISD  
Alfredo Muñoz, P.E., PWWM  
Dianah Coakley, PWWM  
Elva Reyes, PWWM  
Project File

**To:** Gary Hartfield, Division Director  
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Manager, Capital Improvements Section  
Public Works & Waste Management Department

**Date:** Wednesday, May 14, 2015

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**CONTRACT INFORMATION**

**Contract Type:** MCC 7360: Single Trade

**Request for Price Quotation (RPQ) No:** 20150067

**RPQ Title:** Roadway Improvement Project – Alley North of SW 81 Street between SW 67 Avenue and SW 69 Avenue

**Re-submittal:** No

**Standard Industrial Code (SIC)/North American Industry Classification Code (NAICS):** 1610 / 237310-Construction – Highway, Street & Bridge Construction

**Estimated Base Project Cost:** \$307,828

**Funding Source:** General Obligation Bond

**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 to construct the Work in accordance with the Contract Documents.

Work consist of retrofitting an existing Alley with a construction of a new drainage system including installation of drainage structures and French drains; grading; sodding; construction of the roadway pavement including the installation of concrete sidewalks and curb and gutters where needed in accordance with the construction plans and specifications.

**RPQ No.:** 20150067  
**RPQ Title:** Roadway Improvement Project – Alley North of SW 81 St. between SW 67 Ave & SW 69 Ave

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:**

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 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. 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 duly licensed 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 14-2, 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 Contract Documents include the Flexible Paving and Drainage Work Classes.
- c. The Contractor shall furnish Certificates of Insurance to the County prior to commencing any operations under this Contract. The certificates shall clearly indicate that the Contractor has obtained insurance, in the type, amount and classification required by these Contract Documents.

**Experience Requirement:**

The Bidder, through full time personnel employed by the Bidder, must demonstrate a minimum of five years of experience as the prime contractor in projects with scopes comparable to the Project Scope of Work. Demonstrate the experience requirement by:

- a) Providing a detailed description of completed projects, similar to the Project Scope of Work, in which the Bidder is currently engaged or has completed within the past ten years. List and describe those projects performed for government clients, similar size private entities, and any work performed for the County. The description should identify for each project (1) the client, (2) description of work, (3) total dollar value of the contract, (4) contract duration, (5) customer contact person and phone number for reference, (6) statement or notation of whether Bidder is/was the prime contractor or subcontractor, and (7) the results of the project; or
- 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 Flexible Paving or Drainage Work Classes, 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:** Asphalt and Pavement Marking

**PWWM Areas recommended for CSBE Subcontractor Goal:** Asphalt and Pavement Marking

**Contract Measure Recommendation:**

- No Measure
- Set-Aside:
  - Level I          Level II          Level III
- Trade Set-Aside(s):
- Aggregate Set-Aside
- SBE Subcontractor Goal: 10%
- Community Workforce Program (CWP): Not Applicable
- DBE Subcontractor Goal

**Reason for Recommendation:**

This is a single trade project; none of the primary trade related work can be subcontracted as per the Miscellaneous Construction Contract (MCC) 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. This type of specialized work is associated with a limited number of licensed small business enterprise firms that are prime contractors. Also, this type of work is highly specialized and requires special equipment that is typically owned and/or leased by the contractor. In accordance with the Miami-Dade County Code, the Project Measure Analysis and Recommendation is attached.

**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:** As SBD Reports

RPQ No.: 20150067  
RPQ Title: Roadway Improvement Project – Alley North of SW 81 St. between SW 67 Ave & SW 69 Ave

**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.: 20150067

\*Reference corresponding project number when submitting a work order

Contract/Project Title: Roadway Improvement - Alley North of SW 81 St. between SW 67 Ave & SW 69 Ave

Description/Scope of Work: See Attached

Estimated Cost: 341110 Funding Source: Other (specify)

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23<sup>rd</sup> Ct or Starts at 135 St. ends at 145 St.  
Alley North of SW 81 Street between SW 67 Avenue and SW 69 Avenue

**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
Concrete	4	150
Asphalt	4	150

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: Based on the analysis of factors contained in Section VI D of Implementing Order 3-22.

Date submitted to DBD: 5-14-15

Contact Person: Elva Reyes

Telephone No.: 305-375-1889

**Final Cost Estimate**

**Project Name: Roadway Improvements to Alley North of SW 81 ST. between SW 67 Ave. and SW 69 Ave.**

**Project #20150067**

ITEM #	DESCRIPTION	UNIT	UNIT PRICE	Qty.	Total Price
102-1A	MAINTENANCE OF TRAFFIC	L.S.	\$5,931.99	1	\$5,931.99
102-74-1	BARRICADES - (Temporary - Types I, II, VP & Drum)		\$0.60	7,200	\$4,320.00
102-76A	ADVANCE WARNING ARROW PANEL	E.A./Day	\$13.40	360	\$4,824.00
104-10-3	Sediment Barrier	L.F.	\$5.00	900	\$4,500.00
104-18	Inlet Protection System	E.A.	\$40.00	5	\$200.00
110-1-1B	CLEARING AND GRUBBING	L.S.	\$32,474.41	1	\$32,474.41
120-1-2	REGULAR EXCAVATION (This item is contingent upon the actual field conditions and may be increased or decreased as directed by the Engineer in suitable soil areas)	CY	\$12.00	1,733	\$20,796.00
160-4	TYPE "B" STABILIZATION (12" Thick) (Min. C.B.R. 30)	S.Y.	\$10.00	2,600	\$26,000.00
200-1-10	LIMEROCK BASE (8" Thick, Primed)	S.Y.	\$21.00	2,600	\$54,600.00
327-7-01	MILLING EXISTING PAVEMENT- [(1" Depth) (Up to 5,000 S.Y.)]	S.Y.	\$4.50	1,409	\$6,340.50
331-72-10A - HMA	ROADWAY PAVEMENT RESTORATION ( Replace and match existing base thickness and asphalt course with 8" minimum, primed Limerock Base and 1" thick of HMA, Asphalt Work Category 3)	S.Y.	\$29.00	283	\$8,207.00
334-2-13-1	Hot Mix Asphalt, Traffic C, SP-9.5	Ton.	\$130.00	241	\$31,330.00
400-1-15	CLASS I CONCRETE [(Miscellaneous) (Collars, pipe plugs, structure plugs etc.) (This item is contingent upon field conditions and may be increased decreased or eliminated by the Engineer)]	C.Y.	\$131.00	5	\$655.00
425-1-1	SWALE INLET TYPE D-3 (36"Dia. ) (Less than 10 feet deep )	EA	\$2,600.00	1	\$2,600.00
425-1-532	INLETS (Swale) Type P-10 (Maximum depth 15")	EA	\$2,600.00	5	\$13,000.00
425-1-907A	POLLUTION RETARDANT BAFFLE (Any type) (Any dimension)	EA	\$270.00	5	\$1,350.00
425-82	MODIFY STRUCTURE- Cut to enlarge opening as needed in order to accomodate pipe due to utility conflict(s), brick and mortar as needed.	E.A.	\$430.00	2	\$860.00
<b>PIPE CULVERTS</b>					
430-171-118	PIPE CULVERT - 18" (Round)	L.F.	\$44.00	425	\$18,700.00
<b>FRENCH DRAIN</b>					
443-70-3-2	French Drain (18" diameter pipe, trench depth 10 ft bls)	L.F.	\$74.00	260	\$19,240.00
<b>CONCRETE</b>					
520-2-2	CONCRETE CURB (Type "B")	LF	\$15.70	1,800	\$28,260.00
520-2-12	CONCRETE CURB (Type "D")	LF	\$18.00	200	\$3,600.00
520-1-15A	CONCRETE VALLEY GUTTER (Variable width) (Including base preparation)	LF	\$22.00	600	\$13,200.00
522-1(1)	CONCRETE SIDEWALK [4" THICK, 3,000 P.S.I. CONCRETE AT 28 DAYS (Includes the cost of pedestrian ramps and sidewalk curbs)	S.Y.	\$45.00	40	\$1,800.00
522-2	CONCRETE SIDEWALK (6" Thick, 3000 P.S.I. concrete at 28 days) (including pedestrian ramps and sidewalk curbs)	S.Y.	\$46.00	40	\$1,840.00
575-2A	SODDING-St Augustine, or match existing, includes watering and maintenance. Contingent item based on field conditions, may be increased, or decreased by the engineer.	S.Y.	\$5.00	609	\$3,045.00
<b>PAVING MARKING</b>					
706-1-12	REFLECTIVE PAVEMENT MARKERS (class B, mono or bi-directional, all colors)	EA	\$5.00	4	\$20.00
711-11-123	THERMOPLASTIC (White) (Solid) (12")	L.F.	\$2.20	20	\$44.00
711-11-221	THERMOPLASTIC (Yellow) (Solid) (6")	L.F.	\$0.90	100	\$90.00
<b>Subtotal Amount</b>					<b>\$307,827.90</b>
999	CONTINGENCY ALLOWANCE (10% OF BASE ESTIMATE)	L.S.	\$ 30,782.79	1	\$30,782.79
102-10A	OFF-DUTY LAW ENFORCEMENT OFFICER (Engineer's Discretion)	L.S.	\$ 2,000.00	1	\$2,000.00
990	ALLOWANCE PERMITS	L.S.	\$ 500.00	1	\$500.00
<b>Total Amount</b>					<b>\$ 341,110.69</b>