

**Date:** January 11, 2017

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

**From:** Alejandro Martinez-Esteve, RA, LEED AP  
Manager, Capital Improvements Section  
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. 20160349  
Safe Route to Schools Locations, Phase 13  
FM# 428210-1

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### **RECOMMENDATION**

Capital Improvements staff has evaluated the subject project and recommends a 9.91% Disadvantaged Business Enterprise (DBE) participation. It is the policy of the State of Florida Department of Transportation's (FDOT) Local Agency Program Agreement (Agreement) that DBEs, 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 FDOT funds under this Agreement. The DBE requirements of applicable federal and state laws apply to this Agreement. The Base Cost Estimate of construction including Contingency for the subject project is \$415,896.92. 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.

### **BACKGROUND**

The Federal Safe Routes to School (SRTS) Program was established in August 2005 as part of SAFETEA-LU. Section 1404 of this legislation provided funding (for the first time) for State Departments of Transportation to create and administer SRTS programs.

The administration of section 1404 was originally assigned to FHWA's Office of Safety. At the beginning of FY 2013, FHWA's Office of Planning, Environment, and Realty assumed program oversight. The program is now administered through the Florida Department of Transportation (FDOT), District 6 office. Fewer than 15 percent of all school trips are made by walking or bicycling, one-quarter are made on a school bus, and over half of all children arrive at school in private automobiles. This decline in walking and bicycling has had an adverse effect on traffic congestion and air quality around schools, as well as pedestrian and bicycle safety. In addition, a growing body of evidence has shown that children who lead sedentary lifestyles are at risk for a variety of health problems such as obesity, diabetes, and cardiovascular disease.

Safety issues are a big concern for parents, who consistently cite traffic danger as a reason why their children are unable to bicycle or walk to school.

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The purpose of the SRTS Program is to address these issues head on. At its heart, the SRTS Program empowers communities to make walking and bicycling to school a safe and routine activity. The Program makes funding available for a wide variety of programs and projects, from building safer street crossings to establishing programs that encourage children and their parents to walk and bicycle safely to school.

Should you require any additional information, please call me at (305) 375-2097, or James P. Ferreira at (305) 375-3267.

Attachments (2)

AM/jf

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cc: Laurie Johnson, ISD/SBD  
Eddy Etienne, ISD/SBD  
James P. Ferreira, P.E., DTPW  
Alfredo Muñoz, P.E., DTPW  
Gerard Osborne, P.E., DTPW  
Claudia P. Diaz, P.E., DTPW  
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Javier Heredia, P.E., DTPW  
Bassam Moubayed, DTPW  
Dianah Coakley, DTPW  
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:** Alejandro Martinez-Esteve, RA, LEED AP  
Manager, Capital Improvements Section  
Department of Transportation and Public Works (DTPW)

**Date:** Wednesday, January 11, 2017

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**CONTRACT INFORMATION**

**Contract Type:** MCC 7360: Multiple Trade – Roadway Improvements

**Request for Price  
Quotation (RPQ) No:** 20160349

**RPQ Title:** Safe Route to Schools Locations, Phase 13, FM# 428210-1

**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:** \$415,896.92

**Funding Source:** FDOT (Fronted by People's Transportation Plan)

**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 shall include, but is not limited to the following: Furnishing all supervision, labor, required materials, equipment, tools and performing all operations necessary to add/upgrade: pedestrian indication heads and push buttons at signalized intersections, school speed zone signs and flashing beacons, school crosswalk signs, pavement markings, sidewalks, and pedestrian ramps.

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

**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 from the County's Construction Trades Qualifying Board as an Electrical Contractor or 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 concrete-work 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

Certification, as an electrical contractor provided by the State of Florida Electrical Contractors' Licensing Board, pursuant to the provisions of Section 489.511 of the Florida Statutes (F.S.).

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 Traffic Signal Work Class.

**Experience Requirement:**

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:

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.

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

**Traffic Signalization:**

**Additional Contractor Requirements for work with Traffic Control Devices**

In addition to the license(s) required of Contractor, all personnel engaged in installing, modifying, repairing, removing or maintaining: roadway street lighting systems; traffic signalization; or any other electrical/electronic traffic control device in Miami-Dade County must:

Perform work under the direction of a Master Electrician that is present at the job site or able to respond within 2 hours of notification.

Perform all work under the direct supervision of a Journeyman Electrician. For Traffic Signalization or Control Devices the Journeyman Electrician must be certified as an International Municipal Signal Association (IMSA) certified Traffic Signal Technician (TST) Level II or Level III. All work related at or pertaining to the controller must be performed by an IMSA certified TST Level II (Field).

**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:** Concrete; Pavement Markings and Signage

**Areas Recommended for DBE Participation:** Concrete; Pavement Markings and Signage

### **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 Subcontractor Goal: 9.91%

### **Reason for Recommendation:**

This is a multiple trade project. Previous projects with similar scopes have demonstrated that the electrical contractors will bid as the primary contractor for this project and subcontract the pavement markings and/or the concrete work. Electrical contractors have shown on previous contracts that they are able to perform the balance of the work. Primary contractor must comply with the requirements of FHWA-1273 Section VII.1, 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:**

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:**

20150134: Safe Route to Schools Locations, Phase 10 FM# 433443-1  
20150148: Safe Route to Schools Locations, Phase 11 FM# 433444-1  
20160221: Safe Route to Schools Locations, Phase 12 FM# 428211-1

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