


**Date:** August 17, 2022

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

**From:**   
Alfredo E. Muñoz, P.E.  
Department of Transportation and Public Works  
Chief, Capital Improvements Division

**Subject:** Notice of Construction Project:  
Miscellaneous Construction Contracts: MCC 7360 Plan  
– CICC 7360-0/08 - Request for Price Quotation (RPQ)  
No. 20220141  
Intersection Improvement at SW 57 Ave. and SW 72 St.  
FM# 449752-1

**RECOMMENDATION**

It is the policy of the 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 FHWA funds under this Agreement. The current statewide DBE participation is 10.65%. 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 \$181,500.88. 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.

**SCOPE OF WORK**

The project consists of implementing a diagonal/scramble crosswalk at the intersection of SW 57 Avenue and SW 72 Street to allow pedestrians to cross in multiple directions and increase visibility of the crossing space. Improvements consist of reconstructing concrete ramps, installing and modifying pedestrian signals, removing, and installing signal electric service and control cabinet and signing and pavement markings.


Should you require any additional information, please call me at (305) 375-2930, or Laura Hernandez at (305) 375-2669.

Attachments (2)

cc Laurie Johnson, ISD/SBD  
Jhonnatan Escalante, ISD/SBD  
Katherine Fernandez, DTPW  
Laura Hernandez, DTPW  
William Salazar, DTPW  
Nathaniel Surrancy, DTPW  
Daniel Viaud, 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:**   
Alfredo E. Muñoz, P.E.  
Department of Transportation and Public Works  
Chief, Capital Improvements Division

**Date:** Wednesday, August 17, 2022

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**CONTRACT INFORMATION**

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

**Request for Price Quotation (RPQ) No:** 20220141

**RPQ Title:** Intersection Improvement at SW 57 Ave. and SW 72 St., FM# 449752-1

**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:** \$181,500.88

**Funding Source:** FDOT

**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 but is not limited to providing the supervision, labor, required materials, equipment, tools, operations and documentation to implement a diagonal/scramble crosswalk at the intersection of SW 57 Avenue and SW 72 Street to allow pedestrians to cross in multiple directions and increase visibility of the crossing space. Improvements consist of reconstructing concrete ramps, installing and modifying pedestrian signals, removing, and installing signal electric service and control cabinet and signing and pavement markings.

**RPQ No.:** 20220141  
**RPQ Title:** Intersection Improvement at SW 57 Ave. and SW 72 St., FM# 449752-1  
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**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.); or

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 Paving or Traffic Signal Work Classes.

**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.

**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 Participation: 10.65%

**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:**

The current DBE statewide participation is 10.65%.

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:**

20150148: Safe Route to Schools Locations, Phase 11 FM# 433444-1  
20160221: Safe Route to Schools Locations, Phase 12 FM# 428211-1  
20160349: Safe Route to Schools Locations, Phase 13 FM# 428210-1  
20190002: Safe Route to Schools Locations, Phase 14 FM# 435480-1  
20190003: Safe Route to Schools Locations, Phase 15 FM# 435481-1  
20180019: Safe Route to Schools Locations, Phase 16 FM# 436940-1  
20180063: Safe Route to Schools Locations, Phase 17 FM# 436941-1  
20190263: Safe Route to Schools Locations, Phase 18 FM# 438165-1  
20190265: Safe Route to Schools Locations, Phase 19 FM# 438163-1  
20220029: Safe Route to Schools Locations, Phase 21 FM# 439894-1

**FM 449752-1-58-01 (SW 72 ST AND SW 57 AVE INTERSECTION IMPROVEMENTS)**

<b>COST ESTIMATE</b>					
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>UNIT PRICE</b>	<b>Qty.</b>	<b>Total Cost</b>
104-18	Inlet Protection System	EA	\$ 50.00	3	\$ 150.00
580-3	Tree protection barricades	L.F.	\$ 5.00	100	\$ 500.00
110-4-2H	REMOVAL AND DISPOSAL OF EXISTING CONCRETE SIDEWALK ( up to 8" thick)	S.Y.	\$ 10.00	150	\$ 1,500.00
110-4-10C	REMOVE AND DISPOSE EXISTING CURB & GUTTER	L.F.	\$ 10.00	300	\$ 3,000.00
351-1A	COLOR CONCRETE CURB AND GUTTER (Type F)	L.F.	\$ 30.00	80	\$ 2,400.00
351-1C	COLORED CONCRETE SIDEWALK (6" Thick)	S.Y.	\$ 65.00	80	\$ 5,200.00
520-2	CONCRETE CURB AND GUTTER (Any type, Including base preparation)	L.F.	\$ 30.00	300	\$ 9,000.00
522-2(1)	CONCRETE SIDEWALK (6" THICK) (Includes driveways)	S.Y.	\$ 65.00	80	\$ 5,200.00
527-2	DETECTABLE WARNING ON WALKING SURFACE	S.F.	\$ 30.00	88	\$ 2,640.00
620-1-1	GROUNDING ELECTRODE	L.F.	\$ 15.00	140	\$ 2,100.00
630-2-11	Conduit, F&I, Open Trench	L.F.	\$ 5.00	100	\$ 500.00
630-2-12	Conduit, F&I, Directional Bore	L.F.	\$ 27.00	1200	\$ 32,400.00
632-7-6	SIGNAL CABLE, REMOVEINTERSECTION	P.I.	\$ 50.00	1	\$ 50.00
632-7-1A	TRAFFIC CONTROL CABLE - (11-21 conductor)	L.F.	\$ 13.00	800	\$ 10,400.00
632-7-1B	TRAFFIC CONTROL CABLE - (4-7 conductor)	L.F.	\$ 11.00	500	\$ 5,500.00
635-2-11	Pull & Splice Box, F&I, 13" X 24" Cover Size	EA	\$ 1,000.00	15	\$ 15,000.00
635-2-15A	PULL & JUCTION BOXES (F&I) (Fiber Optic)	EA	\$ 1,000.00	1	\$ 1,000.00
639-1-121	ELECTRICAL POWER SERVICES, Furnish & Install, Underground, meter furnished by Company.	AS	\$ 7,500.00	1	\$ 7,500.00
639-2-1	Electrical Service Wire	L.F.	\$ 1.00	180	\$ 180.00
639-3-11	ELECTRICAL SERVICES DISCONNECT, Furnish & Install, Pole Mount.	AS.	\$ 100.00	1	\$ 100.00
641-2-12	Prestressed Concrete Poles (Furnish and Install) (Type P-II Service Pole)	EA	\$ 1,500.00	1	\$ 1,500.00
646-1-11	ALUMINUM SIGNALS POLE, (Furnish & Install) (Pedestal)	EA.	\$ 1,800.00	3	\$ 5,400.00
653-191	PEDESTRIAN SIGNAL, 1-Way (LED-Countdown)	AS.	\$ 1,300.00	2	\$ 2,600.00
653-192	Pedestrian Signal (F & I) (LED - Countdown) (Two Ways)	AS.	\$ 2,000.00	2	\$ 4,000.00
660-1-109C	Inductive Loop Detector, F&I	EA.	\$ 100.00	7	\$ 700.00
660-2-106	LOOP ASSEMBLY, F&I, Type F	AS.	\$ 1,200.00	4	\$ 4,800.00
660-4-4A	LOOP LEAD IN CABLE (No. 14 A.W.G.)	L.F.	\$ 5.00	180	\$ 900.00
665-11	PEDESTRIAN DETECTOR (Includes Push Button Sign R10-3B)	EA.	\$ 1,000.00	4	\$ 4,000.00
670-5-140	Traffic Controller Assembly, F&I, Model 2070 (Includes foundation)	AS.	\$ 40,000.00	1	\$ 40,000.00
690-20	REMOVE PEDESTRIAN SIGNAL HEAD ASSEMBLY	EA.	\$ 100.00	2	\$ 200.00
690-50	REMOVE CONTROLLER ASSEMBLY	EA.	\$ 250.00	1	\$ 250.00
690-51	REMOVE CONTROLLER FOUNDATION - Includes proper disposal, and grading of area if required.	EA.	\$ 250.00	1	\$ 250.00
690-70A	REMOVE PEDESTRIAN DETECTOR ASSEMBLY (Includes Push Button Sign)	EA.	\$ 100.00	1	\$ 100.00
690-101	REMOVE EXISTING POWER SERVICE - (Includes complete removal of riser, disconnect switch box, meter box and ground restoration)	AS.	\$ 500.00	1	\$ 500.00
690-200	PULL BOX REMOVAL	EA.	\$ 5.00	6	\$ 30.00
711-14-123	THERMOPLASTIC, Preformed, White, Solid, 12" for Crosswalk	L.F.	\$ 10.00	460	\$ 4,600.00
711-14-125	THERMOPLASTIC, Preformed, White, Solid, 24" for Crosswalk	L.F.	\$ 16.00	260	\$ 4,160.00
711-17	Removal of existing thermoplastic pavement markings	S.F.	\$ 5.00	50	\$ 250.00
	<b>Sub Total</b>				\$ 178,560.00
	<b>ALLOWANCES</b>				
999-02	CONTINGENCY ALLOWANCE (% OF BASE ESTIMATE)	L.S.	2%		\$ 2,940.88
102-1	MAINTENANCE OF TRAFFIC	L.S.	2%		\$ 3,571.20
102-10A	OFF-DUTY LAW ENFORCEMENT OFFICER	L.S.	2,500.00		\$ 2,500.00
E101-72	MOBILIZATION (EMERGENCY RESPONSE)	EA.			
990-0	ALLOWANCE-PERMITS	L.S.			\$ 500.00
800-6	FPL CONNECTION ALLOWANCE	L.S.	148.00		\$ 148.00
	<b>TOTAL PROJECT</b>				\$ 188,220.08