

Date: December 11, 2017

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

From: Alejandro Martinez-Esteve, RA, LEED AP.
Chief, Capital Improvements Division
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) Nos. 20170302, 20170303,
20170304, 20170305
Sidewalk Repairs-Hurricane Irma

RECOMMENDATION

A Disadvantaged Business Enterprise (DBE) goal of 10.65% participation has been assigned to these projects. The subject projects are being funded by the Federal Emergency Management Agency (FEMA). The DBE requirements of applicable federal and state laws apply to these Agreements. The Base Cost Estimate of construction including Contingency for each project is \$3,090,450.00 for a total of four (4) projects. These projects are federally funded, therefore, the Community Workforce Program (CWP) is not applicable.

BACKGROUND

On September 10, 2017, Hurricane Irma damaged several trees on Miami-Dade County. As a result, several sidewalks were broken causing dangerous situations to pedestrians countywide.

Should you require any additional information, please call me at (305) 375-2097, or Alfredo Munoz at (305) 375-4891.

Attachments (2)

AM/am

cc: Laurie Johnson, ISD/SBD
Jhonnatan Escalante, ISD/SBD
James P. Ferreira, P.E., DTPW
Alfredo Muñoz, P.E., 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
Chief, Capital Improvements Division
Department of Transportation and Public Works (DTPW)

Date: Monday, December 11, 2017



CONTRACT INFORMATION

Contract Type: MCC 7360: Multiple Trade –Sidewalk Repairs-Hurricane Irma

Request for Price Quotation (RPQ) No: 20170302, 20170303, 20170304, 20170305.

RPQ Title: Sidewalk Repairs-Hurricane Irma

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: Four (4) contracts at \$3,090,450.00 each

Funding Source: Federal Emergency Management Agency (FEMA) and Local Funds

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 includes reconstruction and/or repairs of existing sidewalks, sidewalk connectors to existing bus shelters, curb ramps, curbs and/or gutters. Removal and disposal of various existing pavements, existing trees, tree roots, debris. Grading and preparation of subgrade, sodding. Adjustment of existing

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utility valve covers to new finished grade. One or a combination of more than one of the work described herein may be required to be performed at any given site pursuant to the requirements of the Work Order governing the site.

Contractor must document by GPS location of work and take pictures before and after performing the work using GPS coordinates embedded on the picture.

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 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 paving engineering contractor or concrete 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. Certification, as a General Contractor, provided by the State of Florida Construction Industry Licensing Board, pursuant to the provisions of Section 489.115 of the Florida Statutes

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 Sidewalk Work Class, Certification of Work Underway, and Status of Contract(s) On Hand

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.

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: Landscape, Sodding

Areas Recommended for DBE Participation: Landscape, Sodding

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: 10.65%

Reason for Recommendation:

These are federally funded projects and may require the contractor to assign a DBE goal. Primary contractor must comply with the requirements of FHWA-1273 Section VII.1, which states that primary contractor must perform work amounting to no less than 30 percent of the original contract amount, excluding specialty items, within their own organization.

Comments:

Miami Dade County is in need of repair/replace all sidewalks affected by Hurricane Irma. Initial calculations from Construction Division, estimates that about 6,000 sites had been impacted by the hurricane.

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:

None

LOCATION: GRAL. ESTIMATE FOR REPAIR 25 LF OF SWALK

TRACTOR:

FUNDING SOURCE: SITE #:

PROJECT No.: WORK ORDER #:

MUNICIPAL: T-R-S:

DISTRICT No.: DATE: 11/05/17

CONFLICTS:

PAY ITEM #	DESCRIPTION	UNIT	UNIT COST	Repair/Non Arterial		New / Non Arterial		Repair / Arterial		New / Arterial		TOTAL	
				QTY.	AMOUNT \$	QTY.	AMOUNT \$	QTY.	AMOUNT \$	QTY.	AMOUNT \$	QTY.	AMOUNT \$
PO DEDICATED BASE CONSTRUCTION ALLOWANCE:													
102-74-1	BARRICADES (TEMPORARY- TYPE I, II, VP & DRUM) (50 ± 25 DAYS)	EA/DAY	\$ 0.30	60	18.00	0.00	\$ -	0	-	0	-	60	18.00
102-74-2	BARRICADES (Temporary, Type III, 6')	EA/DAY	\$ 10.00	0	-	0.00	\$ -	0	-	0	-	0	-
102-77	HIGH INTENSITY FLASHING LIGHTS (TEMPORARY, TYPE "S") (1 ± 25 DAYS)	EA/DAY	\$ 1.00	0	-	0.00	\$ -	0	-	0	-	0	-
102-8A	RE-GRADE EXISTING SWALE (Without sod) (When required by the Engineer.)	S.Y.	\$ 5.00	20	100.00	0.00	\$ -	0	-	0	-	20	100.00
102-60A	WORK ZONE SIGNS (10 ± 25 DAYS)	EA/DAY	\$ 1.00	12	12.00	0.00	\$ -	0	-	0	-	12	12.00
102-76A	ADVANCE WARNING ARROW PANEL (1 ± 5 DAYS)	EA/DAY	\$ 10.00	3	30.00	0.00	\$ -	0	-	0	-	3	30.00
104-1	Artificial Coverings	S.Y.	\$ 5.00	0	-	0.00	\$ -	0	-	0	-	0	-
110-1-2A	REMOVAL AND DISPOSAL OF HEDGES (Any type)	L.F.	\$ 3.00	0	-	0.00	\$ -	0	-	0	-	0	-
110-4-1-1	REMOVAL AND DISPOSAL OF EXISTING CURB AND GUTTER	L.F.	\$ 3.00	20	60.00	0.00	\$ -	0	-	0	-	20	60.00
110-4-7	Removal and Disposal of Existing Concrete (without base preparation)	S.Y.	\$ 9.00	0	-	0.00	\$ -	0	-	0	-	0	-
110-4-8	Removal and Disposal of Existing Asphalt (without base preparation)	S.Y.	\$ 10.00	0	-	0.00	\$ -	0	-	0	-	0	-
110-4-2H	REMOVAL AND DISPOSAL OF EXISTING CONCRETE SIDEWALK (up to 8" thick)	S.Y.	\$ 9.00	14	126.00	0.00	\$ -	0	-	0	-	14	126.00
110-4-2K	Removal & Disposal of Existing Concrete (greater than 8" thick)	S.Y.	\$ 16.00	0	-	0.00	\$ -	0	-	0	-	0	-
110-4-3B	REMOVAL AND DISPOSAL OF EXISTING ASPHALT PATH (Any thickness)	S.Y.	\$ 22.00	0	-	0.00	\$ -	0	-	0	-	0	-
120-6-2	EMBANKMENT (Borrow material from contractor's own source, includes grading)	C.Y.	\$ 11.00	6	66.00	0.00	\$ -	0	-	0	-	6	66.00
200-2-1	BASE PREPARATION FOR NEW SIDEWALK CONSTRUCTION	S.Y.	\$ 10.00	0	-	0.00	\$ -	0	-	0	-	0	-
331-72-21	DRIVEWAY TRANSITION ASPHALT (HMA)	S.Y.	\$ 30.00	4	120.00	0.00	\$ -	0	-	0	-	4	120.00
331-72-10B	Inlet Pavement (includes 6" limerock base & 1" thick Type 5-1 Asphalt Concrete)	S.Y.	\$ 28.00	0	-	0.00	\$ -	0	-	0	-	0	-
351-1A	Color Concrete Curb & Gutter (Type F)	L.F.	\$ 22.00	0	-	0.00	\$ -	0	-	0	-	0	-
351-1B	Colored Concrete Sidewalk (4" thick)	S.Y.	\$ 36.00	0	-	0.00	\$ -	0	-	0	-	0	-
351-1C	Color Concrete Sidewalk (6" thick)	S.Y.	\$ 50.00	0	-	0.00	\$ -	0	-	0	-	0	-
422-6-1B1	WATER METER VAULT 2' X 4', ADJUSTMENT ONLY	EA	\$ 125.00	0	-	0.00	\$ -	0	-	0	-	0	-
422-6-1F	ADJUST WATER METER BOX - Single or Dual Services	EA	\$ 40.00	0	-	0.00	\$ -	0	-	0	-	0	-
422-6-1G	REPLACE WATER METER BOX - Single or Dual Services (Cost for supplying and installing new meter box)	EA	\$ 150.00	1	150.00	0.00	\$ -	0	-	0	-	1	150.00
422-6-1H	REPLACE WATER METER VAULT 2'X4' (Cost for supplying and installing new vault)	EA	\$ 400.00	0	-	0.00	\$ -	0	-	0	-	0	-
425-1-2C	CMP Catch Basin 36" Ø (Includes materials and installation)	EA	\$ 700.00	0	-	0.00	\$ -	0	-	0	-	0	-
425-1-371D	Furnish & Install ADA Compliant Cover Over P-11 (or other) Grate	EA	\$ 350.00	0	-	0.00	\$ -	0	-	0	-	0	-
425-1-371E	CURB INLET FRAME AND CAST IRON PLAIN COVER TYPE USF S136AL - ((Includes work and materials for complete installation, to the adjacent flags) (approximately 6' x 6' of concrete around the frame and cover))	EA	\$ 1,000.00	0	-	0.00	\$ -	0	-	0	-	0	-
425-4(2)	ADJUSTING INLETS	EA	\$ 250.00	0	-	0.00	\$ -	0	-	0	-	0	-
425-79	CORE AND TIE TO EXIST. DRAINAGE STRUCTURES. ((Any pipe size hole opening.) (Including mortar seal)) (This item is contingent upon field conditions and may be increased, decreased or eliminated by the engineer.)	EA	\$ 435.00	0	-	0.00	\$ -	0	-	0	-	0	-
425-110-1	Convert P-5 or P-6 Inlet to P-11 Inlet	EA	\$ 1,800.00	0	-	0.00	\$ -	0	-	0	-	0	-
425-110-2	Convert P-5 or P-6 Inlet to US 5515 (or similar) Curb Inlet	EA	\$ 1,800.00	0	-	0.00	\$ -	0	-	0	-	0	-
430-171-123	PIPE CULVERT - 15" Diameter	L.F.	\$ 45.00	0	-	0.00	\$ -	0	-	0	-	0	-
520-1	CONCRETE CURB AND GUTTER (ANY TYPE)	L.F.	\$ 22.00	20	440.00	0.00	\$ -	0	-	0	-	20	440.00
522-1(1)	CONCRETE SIDEWALK (4" THICK, 3000 P.S.I. CONCRETE AT 28 DAYS (Includes the cost of pedestrian ramps and sidewalk curbs))	S.Y.	\$ 31.00	7	217.00	0.00	\$ -	0	-	0	-	7	217.00
522-1-4	DRIVEWAY TRANSITION-CONCRETE	S.Y.	\$ 29.00	2	58.00	0.00	\$ -	0	-	0	-	2	58.00
522-2	CONCRETE SIDEWALK (6" Thick, 3000 P.S.I. concrete at 28 days) (including pedestrian ramps and sidewalk curbs)	S.Y.	\$ 33.00	7	231.00	0.00	\$ -	0	-	0	-	7	231.00
527-2	DETECTABLE WARNING ON WALKING SURFACE	S.F.	\$ 25.00	3	75.00	0.00	\$ -	0	-	0	-	3	75.00
538-1	Remove & Reset Existing Guardrail (Complete, including post & hardware as required)	L.F.	\$ 50.00	0	-	0.00	\$ -	0	-	0	-	0	-
550-74	RESET EXISTING FENCE - Includes posts, concrete base, fence, all accessories and gates where applicable.	L.F.	\$ 12.00	0	-	0.00	\$ -	0	-	0	-	0	-
550-74-3	Chain-Link Fence Relocation (includes new post & misc. hardware)	L.F.	\$ 12.00	0	-	0.00	\$ -	0	-	0	-	0	-
550-74-3C	Wood Fence Relocation (includes new post & misc. hardware) (up to 6')	L.F.	\$ 25.00	0	-	0.00	\$ -	0	-	0	-	0	-
550-74-3J	REMOVAL OF EXISTING FENCE ((Chain link and /or wood), with care and leave on site. Includes posts, concrete base etc.)	L.F.	\$ 4.00	0	-	0.00	\$ -	0	-	0	-	0	-
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.	\$ 6.00	20	120.00	0.00	\$ -	0	-	0	-	20	120.00
580-322-6	TREE REMOVAL AND DISPOSAL (36" to 55" Dia.)	EA	\$ 1,500.00	0	-	0.00	\$ -	0	-	0	-	0	-
580-322-7	TREE REMOVAL AND DISPOSAL (Greater than 55" Dia.)	EA	\$ 3,000.00	0	-	0.00	\$ -	0	-	0	-	0	-
580-322-3A	TREE REMOVAL AND DISPOSAL (6" to 12" Dia.)	EA	\$ 200.00	0	-	0.00	\$ -	0	-	0	-	0	-
580-322-4A	TREE REMOVAL AND DISPOSAL (12" to 24" Dia.)	EA	\$ 400.00	0	-	0.00	\$ -	0	-	0	-	0	-
580-322-5A	TREE REMOVAL AND DISPOSAL (24" to 36" Dia.)	EA	\$ 1,000.00	0	-	0.00	\$ -	0	-	0	-	0	-
635-1-11D	PULL & JUNCTION BOXES (F&I) PULL BOX	EA	\$ 230.00	0	-	0.00	\$ -	0	-	0	-	0	-
635-1-50	RESET PULL & JUNCTION BOXES	EA	\$ 50.00	0	-	0.00	\$ -	0	-	0	-	0	-
700-46-22	RESET EXISTING POST AND SIGN	EA	\$ 50.00	1	50.00	0.00	\$ -	0	-	0	-	1	50.00
21-74-3	Relocate or Reset Bus Stop Trunk Can (Any type, includes reattaching to cons. if necessary)	EA	\$ 75.00	0	-	0.00	\$ -	0	-	0	-	0	-
21-75-4	Relocate or Reset Bus Stop Bench (Any type, includes reattaching to cons. if necessary)	EA	\$ 200.00	0	-	0.00	\$ -	0	-	0	-	0	-
BASE ESTIMATE SUB-TOTAL =					1,873.00	\$	-	-	-	-	-		1,873.00
999-02	WORK ORDER CONTINGENCY FACTOR (10% OF BASE ESTIMATE SUB-TOTAL)												187.30
PURCHASE ORDER DEDICATED ALLOWANCES													
900	ALLOWANCE - PERMITS	L.S.	\$ 2,800.00	0.14	200.00	-	-	0.00	-	-	-	0.10	200.00
102-10A	Off-duty Law enforcement	L.S.	\$ 4,800.00	0.14	840.00	-	-	0.00	-	-	-	0.14	840.00
101-1	MOBILIZATION	W.O.	\$ 250.00	1	250.00	-	-	0.00	-	-	-	1.00	250.00
102-1W	Maintenance of Traffic (Including traffic cones, temporary signs, flag men, etc.)	W.O.	\$ 250.00	1	250.00	-	-	0.00	-	-	-	1.00	250.00
ALLOWANCES SUB-TOTAL =					1,540.00								1,540.00
TOTALS =													\$ 3,600.30
													WORK ORDER GRAND TOTAL
													PLUS ADDITIONAL 30% FOR CEI
													\$ 1,080.09
													FUNDING SOURCE TOTAL
													\$ 4,680.39

COMMENTS:

No of contracts	4
Base	2,809,500.00
Contingency	280,950.00
Base + Contingency	3,090,450.00
Allowances	1,320,000.00
Total	4,410,450.00

Approx 6000 Work orders
\$28,062,340.00
\$ 5,616,468.00