

Date: October 8, 2014

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. 20140184
Sidewalk Improvements – Multiple Sites
Construction

RECOMMENDATION

The Department's Capital Improvements staff completed the review of the subject RPQ in accordance with the applicable provisions of Implementing Order 3-22 and recommends no Community Small Business Enterprise (CSBE) measure, on account of all work related to sidewalk improvements. A Community Workforce Program (CWP) has been recommended.

Scope of Work:	Single Trade (Concrete)
Engineer Project Base Cost Estimate:	\$355,895
Measure/Set Aside:	None
CWP:	10%

BACKGROUND

On October 1, 2014, bids were received for RPQs 20140066 and 20140067 for sidewalk rehabilitation projects solicited through the Miscellaneous (MCC) 7040 Program. For Project 20140066, only one (1) bid response was received. The lowest bid was 54% over the engineer's estimate. No bid response was received for project 20140067. 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 will provide concrete slab replacement for damaged sidewalks that can no longer be repaired through temporary means. A detailed scope of work is found 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 Bernard Phillippeaux at (305) 375-3547.

JBP/AM

Attachments (2)

C: Coralee Taylor, ISD
Vivian Forhat-Diaz, ISD
Laurie Johnson, ISD
Rene Idarraga, P.E., PWWM
Alfredo Muñoz, P.E., PWWM
Dianah Coakley, PWWM
Jean-Bernard Phillippeaux, PWWM
Project File

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

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

Date: Wednesday, October 8, 2014

CONTRACT INFORMATION

Contract Type: MCC 7360: Single Trade with Ancillary work

Request for Price Quotation (RPQ) No: 201400184

RPQ Title: Sidewalk Improvements – Multiple Sites

Re-submittal: No

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

Estimated Base Project Cost: \$355,895

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 includes construction of new sidewalks, sidewalk connectors, driveway approaches, curb ramps, curbs and/or gutters. Reconstruction and/or repairs of existing sidewalks, driveway approaches, curb ramps, curbs and/or gutters; removal and disposal of various existing pavements, existing trees, tree roots, debris; grading and preparation of subgrade, sodding and adjustment of existing utility valve covers to new finished grade. One or a combination of more than one of the

RPQ No.: 20140184
RPQ Title: Sidewalk Improvements- Multiple Sites

work described herein may be required to be performed at any given site pursuant to the requirements of the Work Order governing the site.

Required Contractor's Certification:

Certificate of Competency Requirement:

1. 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-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.
2. Pursuant to Section 255.20, Florida Statutes (F.S.) 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 Sidewalk Work Class.

Experience Requirement:

3. The Bidder must demonstrate experience on a minimum of two (2) similar projects as a prime contractor or subcontractor 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 eight (8) 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 Sidewalk Work Class, Certification of Work Underway, and Status of Contract(s) On Hand.

RECOMMENDATION

PWWM Areas for Possible Measures: Not Applicable

PWWM Areas recommended for CSBE Subcontractor Goal: Not Applicable

Contract Measure Recommendation:

- No Measure
- Set-Aside:
 - Level I
 - Level II
 - Level III
- Trade Set-Aside(s):
- Aggregate Set-Aside
- CSBE Subcontractor Goal
- Community Workforce Program (CWP): 10%
- DBE Subcontractor Goal

Reason for Recommendation:

In accordance with the Miami-Dade County Code (The Code), attached is the cost estimate. Work orders will identify the location, description, and amount of work to be accomplished and work orders will be issued subsequent to the Award of the Contract. All work orders will be subject to the requirements of the CWP.

CSBE Prime History of similar Contracts/Projects for previous three years: 20140154, 20140156

Scope of Work History Summary – Subcontracting Opportunities: 20140154, 20140156

Similar Projects previously submitted for SBD Action: 20140154, 20140156

CSBE Goal / Project No. / Amount achieved: Per SBD Report

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.: 20140184

*Reference corresponding project number when submitting a work order

Contract/Project Title: Sidewalks Improvement - Multiple Sites

Description/Scope of Work: See Attached

Estimated Cost: 355895 **Funding Source:** Other (specify)

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23rd Ct or Starts at 135 St. ends at 145 St.

1. NW 32nd Avenue from NW 151st Street to NW 170 Street; 2. NW 191st Street from NW 42nd Avenue to NW 47th Avenue, south side only; 3. NE 12th Avenue from NE 149th Street to NE 163rd Street, west side (except ramp @ NW corner of NE 149th Street); 4. NE 16th Avenue from NE 135th Street to NE 159th Street; 5. NE 159th Street from NE 15th Avenue to NE 16th Avenue, south side only; 6. NW 83rd Street from N. Miami Avenue to NW 6th Avenue 7. NW 85th Street Road from NW 5th Avenue to NW 5 Place, south side only; 8. NW 5th Avenue from NW 81st Street to NW 83rd Street, west side only; 9. NW 5th Place from NW 83rd Street to NW 85th Street Road, east side only

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
Sidewalk Concrete Replacements	8	270

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: Community Workforce Program (CWP): In accordance with Miami-Dade County Code §2-1701 as amended by County Ordinance No. 13-66, the minimum required Miami-Dade County-wide CWP Goal will be applicable to this contract.

Date submitted to DBD: 10-8-14

Contact Person: Jean-Bernard Phillippeaux

Telephone No.: 305-375-3547

MISC. CONSTRUCTION CONTRACT PURCHASE ORDER
 CONCRETE SIDEWALK COST ESTIMATE
 FOR
 MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT

DED QUANTITIES & UNIT PRICES FOR GOB/ADA PROJECTS - ADA BUS STOPS ACCESS SIDEWALK IMPROVEMENTS

LOCATION: Countywide DATE: _____
 FUNDING SOURCE: GOB / ADA Bus Stops (RE: Nesbitt case) DISTRICT No.: N/A

PAY ITEM #	DESCRIPTION	UNIT	UNIT COST		
				QUANTITY	TOTAL
PO DEDICATED BASE CONSTRUCTION ALLOWANCE:					
102-74-1	Barricades (Temporary - Type I, II, VP & DRUM)	EA./DAY	\$ 0.26	9,950	\$ 2,587.00
102-74-2	Barricades (Temporary III, 6')	EA./DAY	\$ 5.00	5	\$ 25.00
102-77	High Intensity Flashing Lights (Temporary Type B)	EA./DAY	\$ 0.30	800	\$ 240.00
102-8A	Re-Grading Existing Swale (Without Sod) (When required by the Engineer)	S.Y.	\$ 3.00	200	\$ 600.00
102-60A	Work Zone Signs	EA./DAY	\$ 0.50	2,000	\$ 1,000.00
102-76A	Advance Warning Arrow Panel	EA./DAY	\$ 15.00	200	\$ 3,000.00
104-1	Artificial Coverings	S.Y.	\$ 4.00	100	\$ 400.00
110-4-1-1	Removal and Disposal of Existing Curb and Gutter	L.F.	\$ 1.50	3,000	\$ 4,500.00
110-4-7	Removal and Disposal of Existing Concrete (without base preparation)	S.Y.	\$ 10.00		
110-4-2H	Removal & Disposal of Existing Concrete Sidewalk (up to 8" thick)	S.Y.	\$ 11.00	6,920	\$ 76,120.00
110-4-2K	Removal & Disposal of Existing Concrete (greater than 8" thick)	S.Y.	\$ 20.00	15	\$ 300.00
120-6-2	Embankment (Borrow material from contractor's own source, includes grading)	C.Y.	\$ 20.00	55	\$ 1,100.00
200-2-1	Base Preparation for New Sidewalk Construction	S.Y.	\$ 11.00	1,980	\$ 21,780.00
331-72-21	Driveway Transition - Asphalt (HMA)	S.Y.	\$ 20.00	160	\$ 3,200.00
331-72-10B 331-72-6	Inlet Pavement (includes 6" limerock base & 1" thick Type 5-1 Asphaltic Concrete) HMA	S.Y.	\$ 20.00	15	\$ 300.00
351-1A	Color Concrete Curb & Gutter (Type F)	L.F.	\$ 30.00	20	\$ 600.00
351-1B	Colored Concrete Sidewalk (4" thick)	S.Y.	\$ 35.00	35	\$ 1,225.00
351-1C	Color Concrete Sidewalk (6" thick)	S.Y.	\$ 40.00	30	\$ 1,200.00
422-6-1B1	Water Meter Vault Box 2' x 4' (ADJUSTMENT ONLY)	EA.	\$ 80.00	2	\$ 160.00
422-6-1F	Adjust Water Meter Box - Single or Dual Services	EA.	\$ 40.00	2	\$ 80.00
422-6-1G	Replace Water Meter Box - Single or Dual Services (Cost for Supplying New water meter box)	EA.	\$ 120.00	25	\$ 3,000.00
422-6-1H	Replace Water Meter Vault Box 2' x 4' (Cost for Supplying New Vault Only)	EA.	\$ 225.00	5	\$ 1,125.00
425-1-2C	CMP Catch Basin 36" diam. (includes materials & installation)	EA.	\$ 800.00	1	\$ 800.00
425-1-371D	Furnish & Install ADA Compliant Cover Over Any Standard Inlet Grate (up to 5 SF)	EA.	\$ 280.00	2	\$ 560.00
425-1-371E	Curb Inlet Frame and Alumimun Plain Cover Type USF 5136 & Cover Type AL (Includes work and materials for complete installation, to the adjacent flags / approximately 6' x 6' of concrete around the frame and cover)	EA.	\$ 750.00	1	\$ 750.00
425-4(2)	Adjusting Inlets	EA.	\$ 300.00	2	\$ 600.00
425-5	Adjust Manhole (This item is contingent upon field conditions and may be increased, decreased or eliminated by the Engineer)	EA.	\$ 200.00	2	\$ 400.00
425-79	Core & Tie to Existing Drainage Structures [(Any pipe size hole opening) (Including mortar seal)] (This item is contingent upon field conditions & may be increased, decreased or eliminated by the Engineer)	EA.	\$ 450.00	1	\$ 450.00
425-110-1	Convert P-5 or P-6 Inlet to P-11 Inlet	EA.	\$ 700.00	3	\$ 2,100.00
425-110-2	Convert P-5 or P-6 Inlet to US 5515 (or similar) Curb Inlet	EA.	\$ 700.00	5	\$ 3,500.00

MISC. CONSTRUCTION CONTRACT PURCHASE ORDER
 CONCRETE SIDEWALK COST ESTIMATE
 FOR
 MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT

DED QUANTITIES & UNIT PRICES FOR GOB/ADA PROJECTS - ADA BUS STOPS ACCESS SIDEWALK IMPROVEMENTS

LOCATION: Countywide DATE: _____
 FUNDING SOURCE: GOB / ADA Bus Stops (RE: Nesbitt case) DISTRICT No.: N/A

PAY ITEM #	DESCRIPTION	UNIT	UNIT COST	QUANTITY	TOTAL
	Pipe Culvert - 15" Diameter	L.F.	\$ 30.00	15	\$ 450.00
515-1-2A	Pipe Handrail - Guiderail (Aluminum)	L.F.	\$ 22.00	30	\$ 660.00
515-2-202	Pedestrian / Bicycle Railing (Steel Only) (54" Picket Railing)	L.F.	\$ 35.00	20	\$ 700.00
520-1	Concrete Curb and/or Gutter (Any type)	L.F.	\$ 12.00	3,300	\$ 39,600.00
522-1(1)	Concrete Sidewalk (4" thick, 3,000 psi concrete at 28 days (Includes the cost of pedestrian ramps & sidewalk curbs))	S.Y.	\$ 14.00	7,200	\$ 100,800.00
522-1-4	Driveway Transition - Concrete	S.Y.	\$ 27.00	120	\$ 3,240.00
522-2	Concrete Sidewalk [(6" thick, 3,000 psi concrete at 28 days) (Includes the cost of pedestrian ramps & sidewalk curbs)]	S.Y.	\$ 16.00	1,700	\$ 27,200.00
527-2	Detectable Warning on Walking Surface	S.F.	\$ 23.00	1,230	\$ 28,290.00
538-1	Remove & Reset Existing Guardrail (Complete, including post & hardware as required)	L.F.	\$ 20.00	20	\$ 400.00
550-74	Resetting Existing Fence (Includes posts, concrete base, fence, all accessories and gates where applicable)	L.F.	\$ 20.00	20	\$ 400.00
550-74-3	Chain-Link Fence Relocation (includes new post & misc. hardware)	L.F.	\$ 20.00	20	\$ 400.00
550-74-3C	Wood Fence Relocation (includes new post & misc. hardware) (up to 6')	L.F.	\$ 20.00	20	\$ 400.00
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.	\$ 3.50	2,455	\$ 8,592.50
580-322-6	Tree Removal & Disposal (36" to 55" diameter)	EA.	\$ 500.00	1	\$ 500.00
580-322-7	Tree Removal & Disposal (Greater than 55" diameter)	EA.	\$ 600.00	1	\$ 600.00
580-322-2A	Tree Removal & Disposal (6" to 12" diameter)	EA.	\$ 150.00	3	\$ 450.00
580-322-4A	Tree Removal & Disposal (12" to 24" diameter)	EA.	\$ 250.00	1	\$ 250.00
580-322-5A	Tree Removal & Disposal (24" to 36" diameter)	EA.	\$ 350.00	1	\$ 350.00
635-1-11D	Pull & Junction Boxes (F&I) (Pull Box)	EA.	\$ 125.00	40	\$ 5,000.00
700-46-22	Reset Existing Post and Sign	EA.	\$ 30.00	30	\$ 900.00
721-74-3	Relocate or Reset Bus Stop Trash Can (any type, includes reattaching to concrete if necessary)	EA.	\$ 50.00	10	\$ 500.00
721-75-4	Relocate or Reset Bus Stop Bench (any type, includes reattaching to concrete if necessary)	EA.	\$ 80.00	10	\$ 800.00
	Traffic control sign & post (F&I) (Typically signs required at pedestrian crosswalks, & bus bays)	EA.	\$ 200.00		
711-11-121	6" wide thermoplastic striping (Typically white edge line at bus bay lane, white edge line @ return, & yellow lines @ stop bar.)	L.F.	\$ 0.60	350	\$ 210.00
711-11-123	12" wide thermoplastic striping (Typically crosswalk edge lines, crosswalk perpendicular lines, & stop bars.)	L.F.	\$ 2.00	300	\$ 600.00
711-11-160	Pavement markings legend Thermoplastic White message (Typically Bus Only legend at bus bay lanes)	EA.	\$ 100.00	4	\$ 400.00
711-72	Removal of existing pavement markings (Any width)	L.F. S.F.	\$ 2.50	100	\$ 250.00

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LOCATION: Countywide DATE: _____
 FUNDING SOURCE : GOB / ADA Bus Stops (RE: Nesbitt case) DISTRICT No.: N/A

PAY ITEM #	DESCRIPTION	UNIT	UNIT COST	QUANTITY	TOTAL
	<i>Relocate pedestrian traffic signal control button on same pole (Any type of pole) (Including all wiring & new sign) (Generally to be at lower elevation, or less than 60 inches (5 feet 0 inch))</i>	EA	\$ 750.00		\$
	<i>Relocate pedestrian traffic signal control button to a new separate post (Including all conduit & wiring, and new sign) (Typically to relocate from a street mast arm pole or a concrete quad into post to a new post non-back of sidewalk to center of landing)</i>	EA	\$ 1,700.00		\$
	<i>Relocate junction box (Any type or size) (Traffic signal or street light) (Including all conduit & wiring) (Typically to relocate from within sidewalk at landing or ramp to within sidewalk one beyond ramp)</i>	EA	\$ 1,000.00		\$
	<i>Lower elevation of junction box (To be used only when lower elevation requires modification of wiring & conduit to remain in compliance with ISAS specifications) (Any type or size) (Traffic signal or street light) (Including all conduit & wiring) (Typically to lower junction box 5" or more at some location due to creation of a blended landing)</i>	EA	\$ 500.00		\$
104-1B	Inlet Protection System	EA	\$ 45.00	50	\$ 2,250.00
BASE ESTIMATE SUB-TOTAL =					355,894.50
PURCHASE ORDER DEDICATED ALLOWANCES					
999-02	10% CONTINGENCY ALLOWANCE (for unforeseen work & unit overruns)	L.S.			35,589.45
900	ALLOWANCE - PERMITS	L.S.	1,000.00		1,000.00
102-10A	Off-duty Law enforcement	L.S.	4,000.00		4,000.00
101-1	MOBILIZATION	W.O.	250.00		2,250.00
102-1W	Maintenance of traffic (including traffic cones, temporary signs, flag men, etc...)	W.O.	250.00		2,250.00
ALLOWANCES SUB-TOTAL =					45,089.45
TOTALS =					\$ 400,983.95

PLUS ADDITIONAL 20% FOR CEI	
FUNDING SOURCE TOTAL	

11/07/13, added traffic control & traffic signal items.