

**Date:** December 5, 2013

**To:** Jack Osterholt, Interim Director  
Sustainability, Planning and  
Economic Enhancement Department  
Small Business Development Division

**From:** Alicia Arce   
Engineer II  
Public Works and 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. 20130036  
Virginia Key North Shared-Use Path  
Re-submittal: Revised

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**RECOMMENDATION**

The Public Works and Waste Management Department (PWWM) respectfully requests that SBD please review the following information provided. This RPQ completed the Project Review and Analysis process on November 21, 2013 with an approved Community Small Business Enterprise (CSBE) contract measure recommendation of CSBE Trade Set-Aside for Traffic Stripes and Markings: Painted and/or Thermoplastic. The Community Workforce Program (CWP) is not applicable. The scope of work remains the same.

**BACKGROUND**

The PWWM intends to solicit for bids under the MCC 7360 Plan-CICC 7360-0/08 on December 18, 2013, however, the total estimate cost changed from \$ 335,196.24 to \$ 338,181.65 for a difference of \$2,985.41 Consequently, the PWWM respectfully requests SBD perform its review of any changes in CSBE availability.

Under the direction of the PWWM, improvements are being made to enhance pedestrian safety and accessibility at some of the busiest intersections in Miami-Dade County.

If any additional information is needed, please call me at (305) 375-1363, or Frank Aira at (305) 375-2930.

Attachments (2)

C: Kelly Duncombe, SPEE  
Bassam Moubayed, PWWM  
Frank Aira, P.E., CFM, PWWM  
Dianah Coakley, PWWM  
Lisset Cabrera, PWWM  
Project File

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS						
ITEM NO.	ITEM	UNIT	Actual QUANTITY	CURRENT		AMOUNT
				SET PRICE		
<b>GENERAL CONSTRUCTION OPERATIONS</b>						
102-60A	CONSTRUCTION SIGNS	EA/DAY	750	.41	0.45	337.50
102-74-1	BARRICADES ( TEMPORARY- TYPE I, II, VP & DRUM )	EA/DAY	3000	0.29	0.32	960.00
102-76	FLASHING ARROW BOARD (TEMPORARY, MULTIMODE) / ADVANCE WARNING ARROW PANEL	EA/DAY	300	9.60	10.56	3,168.00
102-77	HIGH INTENSITY FLASHING LIGHTS (TEMPORARY, TYPE "B")	EA/DAY	750	0.53	0.58	435.00
<b>EROSION CONTROL</b>						
104-10-3	Sediment Barrier	LF	2800	1.05	1.16	3,248.00
104-18	Inlet protection system	EA	4	61.31	67.44	269.76
<b>CLEARING AND GRUBBING</b>						
110-1-1B	CLEARING AND GRUBBING (INCLUDES REMOVAL OF EXISTING SIDEWALK, FLEXIBLE PAVEMENT, CURB AND GUTTER, DRAINAGE STRUCTURES, VEGETATION, TREES AND ANY DEBRIS TO BE DISPOSED OF IN LEGAL AREAS PROVIDED BY THE CONTRACTOR (ASSUME 10% OF BASE ESTIMATE)	LS	1			28,655.42
<b>EARTHWORK</b>						
120-1	REGULAR EXCAVATION	CY	1783	6.74	7.42	13,229.86
120-6	EMBANKMENT (INCLUDES BORROW) (THIS ITEM IS CONTINGENT UPON EXISTING FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR	CY	148	16.22	17.84	2,640.10
160-4	TYPE "B" STABILIZATION (12" THICK) (MIN. C.B.R. 30)	SY	4712	3.06	3.36	15,937.36
210-1-1	LIMEROCK BASE (6" THICK, SINGLE COURSE)(DRIVEWAY RESTORATION)	SY	4712	11.89	13.08	61,628.25
210-1-2	LIMEROCK BASE [(8" THICK) (DOUBLE COURSE) (PRIMED)] / LIMEROCK BASE (8" THICK, PRIMED)	SY	12	11.73	12.90	154.83
<b>BITUMINOUS SURFACE COURSES AND CONCRETE PAVEMENT</b>						
327-70-01	MILLING, 1" AVERAGE DEPTH	SY	2063	3.13	3.44	7,101.57
337-7-64	HOT MIX ASPHALT FC-9.5 TRAFFIC C (1" THICK) (1" for the road)	TON	115	110.00	121.00	13,915.00
334-1-43	HOT MIX ASPHALT SP-9.5 TRAFFIC C (1" THICK) (1" for the path and the road)	TON	243	110.00	121.00	29,403.00
<b>CONCRETE</b>						
400-1-15	CLASS I CONCRETE (MISCELLANEOUS) (TRENCH BUILD-UP, COLLARS, PIPE PLUGS, STRUCTURE PLUGS ETC.) (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED DECREASED OR ELIMINATED BY THE ENGINEER)	CY	7		231.66	1,621.62
425-6	ADJUST EXISTING VALVE BOXES (MIAMI-DADE COUNTY ONLY) (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA	3	221.83	244.01	732.03
520-1-1	CONCRETE CURB AND GUTTER - TYPE "F"	LF	15		15.72	235.80
522-2	CONCRETE SIDEWALK (6" THICK RESTORATION AND NEW, CLASS I CONCRETE, 3000 P.S.I.) (INCLUDING PEDESTRIAN RAMPS)	SY	678		37.00	25,086.00
523-1-3	PATTERN PAVEMENT, VEHICLE AREA-BIKE LANE drain tube (10% added for labor)	SY	156		57.07	8,902.92
<b>SODDING AND TREE RELOCATION</b>						
575-1-1	SODDING (PENSACOLA BAHIA OR MATCH EXISTING) (INCLUDES WATERING)	SY	3500	3.62	3.99	13,952.40
580-327-1	TREE RELOCATION	EA		817.19	898.91	0.00
<b>SIGNALIZATION</b>						
630-2-11	CONDUIT OPEN TRENCH	LF	10	3.53	3.88	38.83
630-2-12	CONDUIT F&I (DIRECTIONAL BORE)	LF	250		15.00	3,750.00
635-1-11	PULL BOX, METER TYPE (POLYMER)	AS	1	480.69	528.76	528.76
660-2-106	LOOP ASSEMBLY (F&I) (TYPE F)	AS	2	935.89	1,029.48	2,058.97
<b>PAVEMENT MARKING AND SIGNAGE</b>						
700-40-1	ROADSIDE SIGN INCLUDING POST AND STRAPS (SEE PLAN SHEET FOR SIG	AS	24	246.85	271.54	6,516.96
700-72	RELOCATE EXISTING SIGNS	EA	2	115.33	126.87	253.73
706-1-12A	REFLECTIVE PAVEMENT MARKERS PERMANENT (BI-DIRECTIONAL) AMBER/AMBER	EA	82	4.61	5.07	416.05
711-11-3	PAVEMENT MESSAGES [(ONLY MERGE/SCHOOL/RR) (THERMOPLASTIC)]	EA	22	109.85	120.83	2,658.31
711-11-151	GUIDELINES [(6" DOTTED) (2'-4" WHITE) (THERMOPLASTIC)]	LF	476	1.29	1.42	674.28
711-72	REMOVAL OF EXISTING PAVEMENT MARKINGS (THERMOPLASTIC AND PAINT)	SF	426	2.94	3.23	1,376.12
711-11-4	DIRECTIONAL ARROWS (THERMOPLASTIC)	EA	9	57.36	63.09	567.85
711-11-121	SOLID TRAFFIC STRIPE (6" WHITE) (THERMOPLASTIC)	LF	4196	0.76	0.84	3,524.86
711-11-122	SOLID TRAFFIC STRIPE (8" WHITE) (THERMOPLASTIC)	LF	774	1.10	1.21	933.23
711-11-123	SOLID TRAFFIC STRIPE (12" WHITE) (THERMOPLASTIC)	LF	722	1.82	2.00	1,443.79
711-11-124	SOLID TRAFFIC STRIPE (18" WHITE) (THERMOPLASTIC)	LF	412	2.37	2.61	1,074.71
711-11-125	SOLID TRAFFIC STRIPE (24" WHITE) (THERMOPLASTIC)	LF	1776	3.56	3.92	6,953.51
711-11-131	SKIP TRAFFIC STRIPE (10'-30') (6" WHITE) (THERMOPLASTIC)	LF	330		0.20	66.00
711-11-221	SOLID TRAFFIC STRIPE (6" YELLOW) (THERMOPLASTIC)	LF	1676	0.80	0.87	1,466.06
711-11-224	SOLID TRAFFIC STRIPE (18" YELLOW) (THERMOPLASTIC)	LF	102	2.34	2.57	262.22
711-11-241	TRAFFIC STRIPE (6" YELLOW) (3'-9" SKIP) (THERMOPLASTIC)	LF	2104	1.29	1.42	2,985.58
<b>BASE ESTIMATE</b>						286,554.24
999 OR 999	Z. CONTINGENCY FUND (10% OF BASE ESTIMATE AMOUNT)	LS	1			28,655.42
<b>SUB-TOTAL</b>						315,209.66
<b>DEDICATED ALLOWANCES</b>						
102-1H	MAINTENANCE OF TRAFFIC (INCLUDING TEMPORARY REFLECTIVE PAVEMENT MARKERS, MARKINGS, TRAFFIC CONES, TEMPORARY SIGNS, FLAG MEN, ETC.) (ASSUME 2% OF BASE ESTIMATE)	LS	1			5,731.08
102-10A	OFF-DUTY LAW ENFORCEMENT OFFICER	LS	1	30,000.00		14,400.00
300-1-999	BITUMINOUS MATERIAL ADJUSTMENT (SET DURING BIDDING) (15,000/MI)	LS	1			2,840.91
556-1-5	JACK AND BORE 30" STEEL CASING	LS				
990	ALLOWANCE PERMITS	LS		500.00		
800-6	FPL CONNECTION ALLOWANCE	LS				
<b>GRAND-TOTAL</b>						338,181.65



## Small Business Development Division Project Worksheet

**Project/Contract Title:** VIRGINIA KEY NORTH SHARED-USE PATH  
**Project/Contract No:** RPQ NO. 20130036 (7360)  
**Department:** PUBLIC WORKS DEPARTMENT  
**Estimated Cost of Project/Bid:** \$336,196.00

**Funding Source:**  
 GENERAL FUNDS  
 (CAUSEWAYS)

**Received Date:** 11/21/2013

**Resubmittal Date(s):** 04/17/2013

**Description of Project/Bid:** Work under this project consists of furnishing all supervision, labor, materials, equipment, tools and performing all operations necessary for the improvements to Virginia Key consisting of the installation of a shared used path along the north swale of the Rickenbacker Causeway. Incidental work includes minor milling and resurfacing, signing and paving markings.

### Contract Measures Recommendation

<u>Measure</u>	<u>Program</u>	<u>Goal Percent</u>
Trade Set Aside	CSBE	

### Reasons for Recommendation

An analysis of the factors contained in Section VI D of Implementing Order 3-22 indicate that the following contract measure is appropriate:

Trade Set-Aside: Traffic Stripes and Markings: Painted and/or Thermoplastic

This project is a resubmittal from April 17, 2013 due to an increase in the cost estimate from \$ 239,444.00 to \$355,196.24.  
 CWP Not Applicable: Not in DTA; Less than 250K

Trade Category: 237310-Highway, Street, And Bridge Construction; 238210-Electrical Contractors And Other Wiring Installation Contractors; 238910-Site Preparation Contractors; 238990-All Other Specialty Trade Contractors

### Small Business Contract Measure Recommendation

<u>Subtrade</u>	<u>Cat.</u>	<u>Estimated Value</u>	<u>% of Items to Base Bid</u>	<u>Availability</u>
Highway, Street, and Bridge Construction	CSBE			
<b>Total</b>				

**Living Wages:** YES  NO      
 **Highway:** YES  NO      
 **Heavy Construction:** YES  NO   
**Responsible Wages:** YES  NO      
 **Building:** YES  NO

*Responsible Wages and Benefits applies to all construction projects over \$100,000 that do not utilize federal fund. For federally funded projects, unless prohibited by federal or state law or disallowed by a governmental funding source, the HIGHER wage between Davis Bacon and Responsible Wages and Benefits shall apply.*

### REVIEW RECOMMENDATION

Tier 1 Set Aside _____		Tier 2 Set Aside _____	
Set Aside _____	Level 1 _____	Level 2 _____	Level 3 _____
Trade Set Aside (MCC) _____	Goal _____	Bid Preference _____	
No Measure _____	Deferred _____	Selection Factor _____	
CWP _____			12/3/13 Date
	SBD Director		