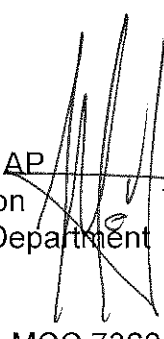


Date: May 1, 2015

To: Gary Hartfield, Division Director
Small Business Development Division
Internal Service 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 7360
Plan - CICC 7360-0/08 - Request for Price
Quotation (RPQ) No. 20150018
Crandon Blvd Milling & Resurfacing



RECOMMENDATION

The Department's Capital Improvements staff respectfully requests that SBD please review the following information provided. This RPQ completed the Project Review and Analysis process on February 13, 2015 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 May 6, 2015, however, the total estimate cost changed from \$1,820,517.00 to \$2,492,691.00 for a difference of \$672,174.00. 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 improve the bicycle facilities along Crandon Blvd.

If any additional information is needed, please call me at (305) 375-5320, or Alicia Arce at (305) 375-2930.

Attachments (2)

C:

Kelly Duncombe, SPEE
Laurie Johnson, ISD
Vivian Forhat-Diaz, ISD

Bassam Moubayed, PWWM
Joaquin Rabassa, P.E., PWWM
Alicia Arce, 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 Service Department**

**From: Alejandro Martinez-Esteve, RA, LEED AP
Manager, Capital Improvements Section
Public Works & Waste Management Department**

Date: Friday May 1, 2015

CONTRACT INFORMATION

Contract Type: MCC 7360: Single Trade with Ancillary work

RPQ No.: 20150018

RPQ Title: Crandon Blvd milling and resurfacing.

**Request for Price
Quotation (RPQ) No:** 20150018

Re-submittal: No

**Standard Industrial
Code (SIC) / North American
Industry Classification
Code (NAICS):** 1610 / 237310 - Construction – Highway

**Estimated Base Project
Cost:** \$2,492,691.00

Funding Source: Causeways

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 but is not limited to, the following: The improvements to Crandon Blvd consisting of milling and resurfacing, signing and pavement markings to include green pavement and vibratory lines. This

RPQ No.: 20150018
RPQ Title: Crandon Blvd milling and resurfacing

project improves the surface condition of the road and enhances existing bicycle facilities along the Causeway.

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 as a General Engineering Contractor or as a Specialty Engineering Contractor, commensurate to the requirements of the Project's Scope of Work, in one or more engineering crafts to include Paving Engineering. 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.

Pursuant to Section 255.20, Florida Statutes (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 pre-qualified 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 Project's Scope of Work shall include the Flexible Paving Work Class.

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.

County Road Construction Projects – No permits issued to sub-contractors. Except work related to Traffic Signalization, School Flashing Signals, Internally Illuminated Street Name Sign (IISNS), Street lighting, and Traffic Signal Loops which will require a separate permit issued to an Electrical Contractor to perform such work.

Pavement Markings and Signage

The work under pavement markings and signage (Thermoplastic traffic stripes and Markings) consists of placing traffic stripes and markings using a material of the type that is extruded onto the pavement surface in a molten state by mechanical means, with surface application of glass spheres. Upon cooling to normal pavement temperature these materials shall produce an adherent reflectorized pavement marking of specified thickness and width and be capable of resisting deformation by traffic.

RECOMMENDATION

Areas for possible measures: Pavement Markings

Areas recommended for CSBE Subcontractor Goal: Pavement Markings and Concrete

Contract Measure Recommendation:

- ☐ No Measure
- ☐ Set-Aside:
 - Level I
 - Level II
 - Level III
- ☒ Trade Set-Aside(s): Pavement Markings
- ☐ Aggregate Set-Aside
- ☐ CSBE Subcontractor Goal
- ☐ Community Workforce Program (CWP): Some Work Order locations may be within Designated Targeted Areas (DTA)
- ☐ DBE Subcontractor Goal

Reason for Recommendation:

Recommendations are based on the attached project cost estimate which is provided in accordance with the Miami-Dade County Code. This is a site specific project located in Crandon Blvd and a Notice to Proceed (NTP) will be issued subsequent to the Award of the Contract.

CSBE Prime History of similar Contracts/Projects for previous three years: 20140088, 20140163

Scope of Work History Summary – Subcontracting Opportunities: 20140163

Similar Projects previously submitted for RC Action: 20140163

CSBE Trade Aside Goal / Project No. / Amount achieved:

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.: 20150018

*Reference corresponding project number when submitting a work order

Contract/Project Title: Crandon Blvd milling and resurfacing

Description/Scope of Work: See attached

Estimated Cost: \$2,897,741.48 **Funding Source:** Causeways

Location of Project : Crandon Blvd from Crandon Marina to Calusa Circle

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
Supervisor	<u>2</u>	<u>150</u>
Foremen	<u>2</u>	<u>150</u>
Operator	<u>1</u>	<u>150</u>

Comments: Please note the estimated number of days to complete the job may not be equal to actual amount of days indicated above. In addition, respective employees utilized for various scopes of work throughout the duration of the contract.

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment ☒

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
Paving Markings	\$ 757,446	% 26.14	

RECOMMENDATION

Set-Aside: Level 1 ☐ Level 2 ☐ Level 3 ☐ Trade Set-Aside ☒ Sub-Contractor Goal ☐ Workforce Goal ☐ No Measure ☐

Basis for Recommendation: Measure recommendation: **TRADE** Set-Aside: **Traffic Stripes and Markings: Painted and/or Thermoplastic.**

Date submitted to DBD: 5-1-2015

Contact Person: Alicia Arce

Telephone No.: 305-375-1363

CRANDON BLVD MILLING AND RESURFACING FROM MARINA ENTRANCE TO CALUSA CIRCLE							
2 feet buffer between vehicle and bike lane with 5' painted buffer (vehicular use) plus vibratory line							
ITEM NO.	ITEM	UNIT	QUANT.	CURRENT SET PRICE	additional price	night time differential	AMOUNT
CONSTRUCTION							
102-60A	Work Zone Signs	EA/DAY	304	0.26	0.41	0.451	137.10
102-74-1	Barridaces (TEMPORARY- TYPE I, II, VP & DRUM).	EA/DAY	500		0.29	0.319	159.50
102-75-PH2	Construction Signs	EA/DAY	105		0.41	0.451	47.36
102-76	Flashing Arrow Board	EA/DAY	224		9.6	10.56	2,365.44
102-77	High Intensity Flashing Lights	EA/DAY	304		0.53	0.583	177.23
102-99	Variable Message Signs (Temporary)	EA/DAY	240	0.26	20.24	22.264	5,343.36
104-18	Inlet protection system	EA	7	67.83	67.83	74.613	522.29
EARTHWORK							
120-8	RE-GRADE EXISTING SWALE (Where shown specfically on plans, or as directed by Engineer, contingent items may be increase or decrease by Engineer.)	SY	160	5.50	5.50	6.05	968.00
BITUMINOUS SURFACE COURSES AND CONCRETE PAVEMENT							
1WSR	PATCH (FOR EXIST. RUTTING ON ROADWAY) (ITEM TO BE INCREASE, DECREASE AS NEEDED)	SF	500	4.00	3.00	3.3	1,650.00
2WSR	PATCH (FOR EXIST. RUTTING ON ROADWAY) (ITEM TO BE INCREASE, DECREASE AS NEEDED)	SF	500	4.00	4.50	4.95	2,475.00
327-70-6A	MILLING, 1".5 AVERAGE DEPTH	SY	85095	2.00	3.50	3.85	327,615.75
334-2-13-1	Hot Mix Asphalt, Traffic C, SP-9.5	TON	4680	100.00	120.00	132	617,760.00
337-8-42	Hot Mix Asphalt Friction Course, Traffic C, FC-9.5	TON	5148	100.00	130.00	143	736,164.00
339-1	MISCELLANEOUS ASPHALT	TON	30		166.00	182.6	5,478.00
425-5	ADJUST MANHOLE (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA	4			350	1,400.00
425-6 or 425-6-1 or 425-6A	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	6			213	1,278.00
SIGNING AND PAVEMENT MARKINGS							
523-1-3	PATTERNED PAVEMENT	SY	11733.333		41.00	45.1	529,173.33
701-16-111	Audible and Vibratory Pavement Marking	NM	4		6320	6952	27,808.00
700-40-01	Roadside Signs (Single post, and panels up to 12 sf)	AS	108		250	275	29,700.00
700-48-60A	Remove Existing Signs and Posts	AS	4	30	70	77	308.00
706-1-12	Reflective Pavement Markers (Class B, mono or bi-directional, all colors)	EA	1735	4	4	4.4	7,634.00
710-11-121	Painted Pavement Markings (6" Solid White)	LF	150570		0.28	0.308	46,375.56
710-11-122	Painted Pavement Markings (8" Solid White)	LF	4385		0.5	0.55	2,411.75
710-11-123	Painted Pavement Markings (12" Solid White)	LF	2550		0.7	0.77	1,963.50
710-11-124	Painted Pavement Markings (18" Solid White)	LF	2850		1.2	1.32	3,762.00
710-11-125	Painted Pavement Markings (24" Solid White)	LF	4179		1.2	1.32	5,516.28
710-11-131	Painted Pavement Markings (6" Skip)	GM	12		385	423.5	5,082.00
710-11-160	Painted Pavement Markings (Messages)	EA	9		38	41.8	376.20
710-11-170	Painted Pavement Markings (Arrows)	EA	61		25	27.5	1,677.50
710-11-180	Painted Pavement Markings (Yield)	LF	25		5.4	5.94	148.50
710-11-221	Painted Pavement Markings (6" Solid Yellow)	LF	67380		0.26	0.286	19,270.68
710-11-222	Painted Pavement Markings (18" Solid Yellow)	LF	390		0.1	0.11	42.90
711-11-121	Thermoplastic (White) (Solid) (6")	LF	50190	0.6	0.6	0.66	33,125.40
711-11-122	Thermoplastic (White) (Solid) (8")	LF	4385	1	1	1.1	4,823.50
711-11-123	Thermoplastic (White) (Solid) (12")	LF	850	1.2	1.2	1.32	1,122.00
711-11-124	Thermoplastic (White) (Solid) (18")	LF	7074	1.8	1.8	1.98	14,006.52
711-11-125	Thermoplastic (White) (Solid) (24")	LF	1393	2.4	2.4	2.64	3,677.52
711-11-131	Skip Traffic Stripe(10' Stripe, 30'Space)White Thermoplastic 6" Wide)	GM	4		1321	1453.1	5,812.40
711-11-141	Skip Traffic Stripe(2' Stripe, 4' Space) (White Thermoplastic 6" Wide)	LF	2155		1	1.1	2,370.50
711-11-160	Pavement Messages, Thermoplastic	EA	9		105	115.5	1,039.50
711-11-170	Directional Arrows (Thermoplastic)	EA	68		60	66	4,488.00
711-11-180	Painted Pavement Markings (yield)	LF	25		3.8	4.18	104.50
711-11-221	Thermoplastic (Yellow) (Solid) (6")	LF	22460	0.6	0.6	0.66	14,823.60
711-11-224	Thermoplastic (Yellow) (Solid) (18")	LF	390	1.8	1.8	1.98	772.20
711-14-160	Thermoplastic Preformed White Message	EA	58		300	330	19,140.00