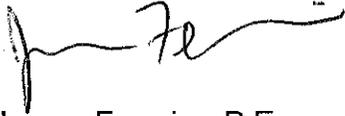


Date: July 12, 2013
To: Jack Osterholt, Director
Regulatory and Economic Resources
Small Business Development Division



From: James Ferreira, P.E.
Engineer 2
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. 20130169
Push-Button Contract for Roadway Resurfacing

RECOMMENDATION

Departmental Contract Measure Recommendation: Trade Set-Aside

Engineer's Opinion of Probable Construction Costs: \$1,500,000.00

Community Workforce Program (CWP): There are not specific sites identified for this project. Work orders will identify the location, description and amount of work to be accomplished. Work orders will be issued subsequent to the Award of the Contract. Work Orders may be subject to the requirements of the Community Work Force Program (CWP).

BACKGROUND

Asphalt surfaces have a typical service life of 8 to 12 years, depending on traffic and weather conditions. Asphalt resurfacing is necessary when the asphalt surface has reached the end of its service life or if other methods of restoration cannot repair the roadway. Asphalt resurfacing is a multi-step process that usually involves several work crews, accompanied by proper construction signs and work-zone traffic control measures to maintain public safety. This project is needed for the construction of new asphalt surfaces throughout Miami-Dade County that will improve driving conditions, public safety and roadway aesthetics.

Page 2
RC Action
20130169

If any additional information is needed, please call me at (305) 375-3267, or Frank Aira at (305) 375-2930.

JF/jf

Attachments (2)

C: Kelly Duncombe, RER
Laurie Johnson, RER
Bassam Moubayed, PWWM
Frank Aira, P.E., CFM, PWWM
Alfredo Munoz, P.E., PWWM
Dianah Coakley, PWWM
Lisset Cabrera, PWWM
Project File

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.: 20130169

*Reference corresponding project number when submitting a work order

Contract/Project Title: Push-Button Contract for Roadway Resurfacing

Description/Scope of Work: See Attached

Estimated Cost: 1500000 **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.
To be determined after Contract Award

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	1	450
Foremen	1	450
Operator	2	450

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. The Contract also afford the ability to add and/or delete sites.

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: Analysis of factors contained in Section VI D of Implementing Order 3-22. PWWM suggests the following contract measure recommendation: Trade Set-Aside: Traffic Stripes and Markings: Painted and/or Thermoplastic.

Date submitted to DBD: 07-12-13

Contact Person: James Ferreira or Frank Aira

Telephone No.: 305-375-3267

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.: 20130169

*Reference corresponding project number when submitting a work order

Contract/Project Title: Push-Button Contract for Roadway Resurfacing

Description/Scope of Work: See Attached

Estimated Cost: 150000 **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.
To be determined after Contract Award

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
Laborers	6	450

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. The Contract also afford the ability to add and/or delete sites.

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: Analysis of factors contained in Section VI D of Implementing Order 3-22. PWWM suggests the following contract measure recommendation: Trade Set-Aside: Traffic Stripes and Markings: Painted and/or Thermoplastic.

Date submitted to DBD: 07-12-13

Contact Person: James Ferreira or Frank Aira

Telephone No.: 305-375-3267

Miami-Dade County Public Works and Waste Management Department
Contract/Project Measure Analysis and Recommendation

To: Jack Osterholt, Director
Regulatory and Economic Resources
Small Business Development Division

From: James Ferreira, P.E.
Engineer 2
Public Works and Waste Management
Management Department

Date: Friday, July 12, 2013

Department: Public Works and Waste Management

Contract Type:

Single Trade - Roadway Resurfacing

Request for Price Quotation (RPQ) No.:

20130169

Re-submittal: Yes; Previous Review Committee (RC) Submittal Dates

No

Project Title:

Push-Button Contract for Roadway Resurfacing

Standard Industrial Code (SIC):

16-Highway and Street Construction

Estimated Project Cost:

\$1,500,000.00

Funding Source:

TBD

Bonding Requirements: Bid Bond– 5% of base bid amount
Performance Bond- 100% of Contract Award Amount

Method of Award: Line Item

RPQ No.: 20130169

RPQ Title: Push-Button Contract for Roadway Resurfacing

Scope of Work

- A. 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.
- B. Work includes but is not limited to , the following: Milling and resurfacing, widening and resurfacing of intersecting streets, resurfacing of asphaltic pathways (pedestrian, bicycle, etc.) adjacent or not to the edge of pavement as necessary, temporary utility repairs (cold patches), clearing and excavating of shoulder areas or build-up, as directed by the Engineer; grading and clean-up of adjacent shoulders and removal of roots, as required, pavement markings including the installation of reflective pavement markers (blue/blue) at fire hydrant locations, sidewalk, curb and gutter, connectors, and pedestrian ramps.

Resurfacing work may include any of the following:

- a. Application of asphaltic concrete surface course to existing wearing course.
- b. Application of asphaltic concrete leveling courses to existing wearing surfaces prior to and in preparation for item (a) above.
- c. Application of asphaltic concrete to previously primed rock roads.
- d. Resurfacing of private driveways shall be limited to feathering of the asphaltic concrete mat to a point two (2) feet from the edge of the roadway. Resurfacing of the remainder of private driveways is expressly prohibited under this Contract, unless directed by the Engineer.
- e. The contractor shall adjust all storm water, water and sewer valves and manholes prior to resurfacing. All adjustments shall be made by the built-up method, not by the use of adjustment of rings.

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.

RPQ No.: 20130169

RPQ Title: Push-Button Contract for Roadway Resurfacing

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.

INTENTIONALLY LEFT BLANK

Miami-Dade County Public Works and Waste Management Department
Contract/Project Measure Analysis and Recommendation

RPQ No.: 20130169

RPQ Title: Push-Button Contract for Roadway Resurfacing

PWWM Areas for possible measures:

Traffic Stripes and Markings: Painted and/or Thermoplastic, Signs
Concrete: Sidewalks and/or Curb and Gutter

PWD Areas recommended for CSBE Subcontractor Goal:

Traffic Stripes and Markings: Painted and/or Thermoplastic

Contract Measure Recommendation:

- No Measure
- Set-Aside:
 - Level I Level II Level III
- Trade Set-Aside(s):
 - Traffic Stripes and Markings: Painted and/or Thermoplastic: \$149,135.69
- Aggregate Set-Aside
- CSBE Subcontractor Goal
- CWP
- DBE Subcontractor Goal

INTENTIONALLY LEFT BLANK

RPQ No.: 20130169

RPQ Title: Push-Button Contract for Roadway Resurfacing

Reason for Recommendation:

This is a single trade project; none of the primary trade related work (Resurfacing) can be subcontracted as per the Miscellaneous Construction Contract (MCC) specifications. Additionally, staff has met with the design engineer, construction project manager, and members of the industry and concluded that there is ancillary work required to complete this project which may be subcontracted. Ancillary work includes all categories listed under "Areas for possible measures." All areas to be subcontracted require special licenses and/or certifications. Also, some categories of work are highly specialized and require special, heavy machinery and/or equipment that are typically owned and/or leased by the contractor.

This is a Work Order generated project for which estimated quantities are established for line items utilized during construction instead of estimated dollar amounts. The aforementioned ancillary work may be minimal for each work order and may or may not be required on all work order locations identified during Contract duration.

Comments:

In accordance with the Miami-Dade County Code (The Code), PWWM attached its Project Measure Analysis and Recommendation findings along with other supporting documents for consideration of small business participation. PWWM staff met with the Small Business Development Division's (SBD) Construction Manager in an effort to seek out additional opportunities for CSBEs. There are not specific sites identified for this project. Work orders will identify the location, description, and amount of work to be accomplished. Work orders will be issued subsequent to the Award of the Contract. Work orders may be subject to the requirements of the Community Workforce Program (CWP).

Contracts and Specifications staff completed its review of the scope of work for the subject RPQ. Based on the analysis of factors contained in Section VI D of Implementing Order 3-22, Public Works and Waste Management (PWWM) suggests the following contract measure recommendation: Trade Set-Aside: Traffic Stripes and Markings: Painted and/or Thermoplastic.

The work orders for the contract have identifiable opportunities for a Trade Set-Aside. The types of opportunities provided are appropriate for applying a Trade Set-Aside; and, effective competition exists in that three or more CSBEs appear to be available to perform in the recommended specialty trade area within SIC 17. The awarded Contractor and SBD shall verify with the user department the scope of work, dollar value and percentage of work achieved for CSBE participation on each Work Order upon expiration of the Contract.

INTENTIONALLY LEFT BLANK

Miami-Dade County Public Works and Waste Management Department
Contract/Project Measure Analysis and Recommendation

RPQ No.: 20130169

RPQ Title: Push-Button Contract for Roadway Resurfacing

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

None

Scope of Work History Summary – Subcontracting Opportunities:

Areas recommended for CSBE Trade Set-Aside (PWD/SBD):

Traffic Stripes and Markings (Painted and/or Thermoplastic)

Areas used to meet subcontractor goal (Awarded Contractor):

Traffic Stripes and Markings (Painted and/or Thermoplastic)

Similar Projects previously submitted for RC Action:

20090026
20090027
20090107
20090124
20090125
20100387
20100426
20100427
20110035
20110036
20110059
20110060
20110168
20110169

CSBE Goal / Project No. / Amount achieved:

PWWM would have to confirm with the Compliance Monitor

INTENTIONALLY LEFT BLANK

ITEM #	DESCRIPTION	UNIT	Engineer Estimate		
			Unit Price	Qty	Amount(\$)
1WSR	SAW CUT EXIST. TRENCH & REM. EXIST. COLD PATCH	S.F.	\$4.00	10618	\$42,472.00
2WSR	REPLACEMENT OF BASE & COLD PATCH (8") & 6" ASPHALT	S.F.	\$6.50	858	\$5,577.00
5WS1-A	NIGHT DIFFERENTIAL FOR MILLING	P.N.	\$750.00	10	\$7,500.00
6WS1-A	NIGHT DIFFERENTIAL FOR RESURFACING	P.N.	\$750.00	10	\$7,500.00
101-327A	MOBILIZATION FOR MILLING	PER/SEC	\$700.00	15	\$10,500.00
102-74-2	BARRICADES (Temporary, Type III, 6')	EA/DAY	\$0.65	22	\$14.30
102-76	FLASHING ARROW BOARD (Temporary)	EA/DAY	\$20.00	26	\$520.00
102-8A	RE-GRADE EXISTING SWALE (without sod)	S.Y.	\$5.00	118	\$590.00
102-60A	WORK ZONE SIGNS	EA/DAY	\$1.00	328	\$328.00
110-4-1-1	REMOVAL AND DISPOSAL OF EXISTING CURB & GUTTER	L.F.	\$10.00	1593	\$15,930.00
110-4-2A	REMOVAL OF EXISTING CONCRETE SIDEWALK(up to 8" thick, including base preparation)	S.Y.	\$15.00	885	\$13,275.00
110-4	REMOVAL EXISTING PAVEMENT	S.Y.	\$3.00	24	\$72.00
120-1	REGULAR EXCAVATION	C.Y.	\$6.00	24	\$144.00
120-2-3	EMBANKMENT FOR ROAD BUILD-UP	C.Y.	\$6.50	12	\$78.00
120-2-4	EMBANKMENT MATERIAL FOR SHOULDER	C.Y.	\$6.50	177	\$1,150.50
160-4	TYPE 'B' STABILIZATION (12" Thick)	S.Y.	\$1.50	12	\$18.00
200-2	BASE PREPARATION FOR NEW SIDEWALK CONSTRUCTION(Where needed at the discretion of the Engineer)	S.Y.	\$15.00	354	\$5,310.00
210-1-2	LIMEROCK BASE (8" double course primed)	S.Y.	\$12.00	12	\$144.00
327-70	MILLING EXISTING PAVEMENT (1")	S.Y.	\$2.50	111571	\$278,927.50
334-2-13-1	HOT MIX ASPHALT, TRAFFIC C, SP-9.5	TON	\$95.00	2283	\$216,885.00
337-8-42	HOT MIX ASPHALT FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-2	TON	\$105.00	5327	\$559,335.00
425-4(2)	ADJUSTING INLETS	EA.	\$150.00	6	\$900.00
425-5	ADJUST MANHOLE	EA.	\$300.00	44	\$13,200.00
425-6	ADJUST EXISTING VALVES BOXES	EA.	\$175.00	71	\$12,425.00
425-721E	Removal, disposal & pick up new frames at MDWS & install MH	E.A.	\$350.00	3	\$1,050.00
425-721F	Remov, disposal & pick up new at MDWS & install Water Valves	E.A.	\$225.00	3	\$675.00
425-944B	RECONSTRUCT MANHOLE	E.A.	\$300.00	3	\$900.00
520-2A	CONCRETE CURB AND GUTTER(Any type, including base preparation)	L.F.	\$18.00	2915	\$52,470.00
522-1(1)	CONCRETE SIDEWALK (4" Thick,3,000 PSI Concrete at 28 days)(Includes the cost of pedestrian ramps and sidewalk curbs)	S.Y.	\$32.00	1534	\$49,088.00
522-2	CONCRETE SIDEWALK (6" Thick,3,000 PSI Concrete at 28 days)(Includes the cost of pedestrian ramps and sidewalk curbs)	S.Y.	\$40.00	266	\$10,640.00
527-2	DETECTABLE WARNING ON WALKING SURFACE	S.F.	\$30.00	1357	\$40,710.00
575-1-1	SODDING (PENSACOLA BAHIA OR MATCH EX.)	S.Y.	\$3.50	24	\$84.00
700-40-01	ROADSIDE SIGNS (single post) (less than 12 S.F)	AS.	\$250.00	4	\$1,000.00
700-46-22	RESET EXISTING POST AND SIGN	EA.	\$50.00	6	\$300.00
705-71-361	36" TUBULAR DELINEATOR	EA.	\$48.00	24	\$1,152.00
706-1-12	REFLECTIVE PAVEMENT MARKERS (mono/bi-direct all colors)	EA.	\$4.00	2899	\$11,596.00
710-11-121	PAINTED PAVEMENT MARKINGS,STANDARD,WHITE,SOLID, 6"	L.F.	\$0.18	60933	\$10,967.94
710-11-122	PAINTED PAVEMENT MARKINGS,STANDARD,WHITE,SOLID, 8"	L.F.	\$0.24	559	\$134.16
710-11-123	PAINTED PAVEMENT MARKINGS,STANDARD,WHITE,SOLID, 12"	L.F.	\$0.36	7243	\$2,607.48
710-11-124	PAINTED PAVEMENT MARKINGS,STANDARD,WHITE,SOLID, 18"	L.F.	\$0.54	1021	\$551.34
710-11-125	PAINTED PAVEMENT MARKINGS,STANDARD,WHITE,SOLID, 24"	L.F.	\$0.72	2476	\$1,782.72
710-11-141	PAINTED PAVEMENT MARKINGS,STANDARD,WHITE,SKIP, 6", 10-30 or 3-9 SKIP	L.F.	\$0.20	4807	\$961.40
710-11-241	PAINTED PAVEMENT MARKINGS,STANDARD,YELLOW,SKIP, 6"	L.F.	\$0.20	3708	\$741.60
710-11-160	PAINTED PAVEMENT MARKINGS,STANDARD,MESSAGE	EA	\$40.00	30	\$1,200.00
710-11-170	PAINTED PAVEMENT MARKINGS,STANDARD,ARROWS	EA	\$25.00	61	\$1,525.00
710-11-221	PAINTED PAVEMENT MARKINGS,STANDARD,YELLOW,SOLID, 6"	L.F.	\$0.18	29781	\$5,360.58
710-11-224	PAINTED PAVEMENT MARKINGS,STANDARD,YELLOW,SOLID, 18"	L.F.	\$0.54	3713	\$2,005.02
710-26-41A	SOLID TRAFFIC STRIPE PAINT (4" WHITE OR YELLOW)	L.F.	\$0.15	8979	\$1,346.85
711-11-121	THERMOPLASTIC STANDARD, WHITE,SOLID,6"	L.F.	\$0.60	60933	\$36,559.80
711-11-122	THERMOPLASTIC STANDARD, WHITE,SOLID,8"	L.F.	\$0.80	559	\$447.20
711-11-123	THERMOPLASTIC, STANDARD, WHITE,SOLID,12"	L.F.	\$1.20	7243	\$8,691.60
711-11-124	THERMOPLASTIC, STANDARD, WHITE,SOLID,18"	L.F.	\$1.80	1021	\$1,837.80
711-11-125	THERMOPLASTIC, STANDARD, WHITE,SOLID,24"	L.F.	\$2.40	2476	\$5,942.40
711-11-141	THERMOPLASTIC,STANDARD,WHITE,SKIP,6",10-30 SKIP OR 3-9 LANE DROP	L.F.	\$0.90	4812	\$4,330.80
711-11-160	THERMOPLASTIC STANDARD, WHITE, MESSAGE	EA	\$105.00	30	\$3,150.00
711-11-170	THERMOPLASTIC STANDARD, WHITE, ARROWS	EA	\$55.00	62	\$3,410.00
711-11-221	THERMOPLASTIC, STANDARD, YELLOW,SOLID, 6"	L.F.	\$0.60	29781	\$17,868.60
711-11-224	THERMOPLASTIC, STANDARD, YELLOW,SOLID, 18"	L.F.	\$1.80	3713	\$6,683.40
711-11-241	THERMOPLASTIC,STANDARD,YELLOW,SKIP,6",10-30 SKIP OR 3-9 LANE DROP	L.F.	\$0.90	3708	\$3,337.20
711-14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	\$250.00	36	\$9,000.00
711-2A	SKIP TRAFFIC STRIPE (4" WHT/YELL 6' x 10') THERMO	L.F.	\$0.80	24	\$19.20
711-33-34	SKIP TRAFFIC STRIPE (4" WHT/YELL 10' x 30') THERMO	L.F.	\$0.80	5397	\$4,317.60
711-35-41	SOLID TRAFFIC STRIPE (4"WHITE) THERMO	L.F.	\$0.50	2938	\$1,469.00
711-36-41	SOLID TRAFFIC STRIPE (4"YELLOW) THERMO	L.F.	\$0.50	623	\$311.50
711-5	GUIDELINES (6' 2' x 4") WHT THERMO	L.F.	\$1.00	112	\$112.00
711-72	REMOVE EXISTING PAVEMENT MARKINGS	S.F	\$2.50	347	\$867.50
					\$1,500,000.00
999-02	CONTINGENCY ALLOWANCE (10% BASE ESTIMATE)	L.S	\$150,000.00	1	\$150,000.00
102-10A	OFF-DUTY LAW ENFORCEMENT OFFICER	L.S	\$25,000.00	1	\$25,000.00
1PW	SIDE STREET DIFFERENTIAL -ARTERIAL/LOCAL ROAD	EA	\$200.00	40	\$8,000.00
102-1P	MAINTENANCE OF TRAFFIC	L.S	\$30,000.00	1	\$30,000.00
300-1-999	BITUMINOUS MATERIAL ADJUSTMENT	L.S	\$20,000.00	1	\$20,000.00
990	ALLOWANCE PERMITS	L.S	\$1,000.00	1	\$1,000.00
			TOTAL		\$1,734,000.00