

Date: April 19, 2016

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

From: Alejandro Martinez-Esteve, RA, LEED AP
Manager, Capital Improvements Section
Transportation and Public Works Department

Subject: Notice of Construction Project:
Project No. 20160076
Joint Participation Agreement (JPA) between
Miami-Dade County and the City of West Park for
Roadway Resurfacing Project along NE 215 Street
from NE 2 Avenue to 525 feet east of NE 10
Avenue
CONSTRUCTION

RECOMMENDATION

The Department's Capital Improvements staff completed the review of the subject JPA in accordance with the applicable provisions of Implementing Order 3-22. Please review and approve the resulting Small Business Enterprise - Construction (SBE-CONST) Subcontractor goal. Attached is the Project Measure Analysis and Recommendation along with other supporting documentation.

Scope of Work:	Milling and resurfacing.
Engineer Construction Base Cost Estimate	
+ Contingency:	\$261,781.03 (JPA provides \$275,000)
SBE-CONST Measure:	13.42%
CWP Goal:	As applicable

BACKGROUND

This JPA between Miami-Dade County and the City of West Park (the City) will facilitate a roadway resurfacing project in Miami-Dade County. Work under this Contract will include the following: Milling 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, and pavement markings including the installation of reflective pavement markers (blue/blue) at fire hydrant locations.

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.

The City shall procure the services of a licensed contractor holding an engineering contractor's license to construct the Project. The City shall also comply with all applicable County contract compliance and oversight measures relating to the expenditure of County funds in accordance with Section 6 of the attached JPA.

Prior to the advertisement to solicit a licensed contractor to construct the Project, the City will contact the Department of Transportation and Public Work's (DTPW) Capital Improvements Section to confirm compliance.

If any additional information is needed, please call me at (305) 375-2093, or James Ferreira at (305) 375-3267.

AM/jf

Attachments (2)

C: Laurie Johnson, ISD/SBD
Alice Hidalgo-Gato, ISD/SBD
Javier Heredia, P.E., DTPW
Rolando Jimenez, Jr., P.E., DTPW
Alfredo E. Muñoz, P.E., DTPW
James P. Ferreira, P.E., DTPW
Dianah Coakley, DTPW
Bassam Moubayed, DTPW
Tony Moreno, DTPW
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 (SBD)
Internal Services Department

From: Alejandro Martinez-Estevez, RA, LEED AP
Manager, Capital Improvements Section
Department of Transportation & Public Works (DTPW)

Date: Tuesday, April 19, 2016

CONTRACT INFORMATION

JPA No.: 20160076

JPA Title: JPA between Miami-Dade County and the City of West Park for Roadway Resurfacing along NE 215 Street from NE 2 Avenue to 525 feet east of NE 10 Avenue

Re-submittal: No

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

Estimated Project Base Cost + Contingency: \$261,781.03

Funding Source: Road Impact Fees

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

PROJECT INFORMATION

Scope of Work

Work under this Contract will include the following: Milling 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, and pavement markings including the installation of reflective pavement markers (blue/blue) at fire hydrant locations.

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JPA No.: 20160076
JPA Title: Roadway Resurfacing along NE 215 St from NE 2 Ave to 525 feet east of NE 10 Ave

- 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 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 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. Acceptance 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 DTPW 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

DTPW Areas for Possible Measures: Pavement Marking and Signage

DTPW Areas recommended for CSBE Subcontractor Goal: Pavement Marking and Signage

Contract Measure Recommendation:

- No Measure
- Set-Aside:
 - Level I
 - Level II
 - Level III
- Trade Set-Aside(s):
- Aggregate Set-Aside
- SBE-CONST Subcontractor Goal: 13.42%
- CWP: As Applicable
- DBE Subcontractor Goal: Not Applicable

Reason for Recommendation: The recommendations are based on the information provided in the attached cost estimate which is provided in accordance with the Miami-Dade County Code.

SBE Prime History of similar Contracts/Projects for previous Three (3) years: None

Scope of Work History Summary – Subcontracting Opportunities: None

Similar Projects previously submitted for SBD Action: None

SBE Goal / Project No. / Amount achieved: None



MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS - CONSTRUCTION DIVISION
PROJECT No: 102-10A DISTRICT #: 1 T-R-S: 51-42-31/32



CONTRACTOR: PROJECT MANAGER:

LOCATION: NE 215 ST FROM NE 2 AV TO @ 525' EAST OF NE 10 AV

ITEM No	DESCRIPTION	UNIT	Pag.1	Pag.2	Pag.3	TOTALS	UNIT PRICE	AMOUNT
1WSR	SAW CUT AND REMOVE AND AVERAGE OF TWO INCH OF TEMPORARY	S.F.		773	122	885	\$3.59	\$3,213.05
101-327A	MOBILIZATION FOR MILLING	PERISEC	1			1	\$500.00	\$500.00
102-60A	WORK ZONE SIGNS	EADAY				180	\$0.50	\$90.00
102-76	FLASHING ARROW BOARD	EADAY				10	\$112.50	\$1,125.00
102-99	VARIABLE MESSAGE SIGNS	EADAY				60	\$25.00	\$1,500.00
110-4-1-1	REMOVAL AND DISPOSAL OF EXISTING CURB & GUTTER	L.F.				-	\$0.00	\$0.00
110-4-2A	REMOVAL EXISTING CONCRETE SIDEWALK (up to 8" thick, include base preparation)	S.Y.				-	\$0.00	\$0.00
327-70	MILLING EXISTING PAVEMENT (1")	S.Y.	4,239	7,682	5,306	17,227	\$2.25	\$38,760.75
334-2-13-1	HOT MIX ASPHALT, TRAFFIC C, SP-9.5	TON				-	\$0.00	\$0.00
337-8-42	HOT MIX ASPHALT FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TON	353	528	363	1,244	\$120.00	\$149,280.00
425-5	ADJUST MANHOLE	EA.	1	3	3	4	\$350.00	\$1,400.00
425-6	ADJUST EXISTING VALVES BOXES	EA.	7	3	5	15	\$250.00	\$3,750.00
520-2A	CONCRETE CURB AND GUTTER (Any type, including base preparation)	L.F.				-	\$0.00	\$0.00
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.				-	\$0.00	\$0.00
522-2	CONCRETE SIDEWALK (6" Thick, 3,000 PSI Concrete at 28 days)(includes the cost of pedestrian ramps and sidewalk curbs)	S.Y.				-	\$0.00	\$0.00
527-2	DETECTABLE WARNING ON WALKING SURFACE	S.F.				-	\$0.00	\$0.00
700-40-01	ROADSIDE SIGNS (single post), (less than 12 S.F)	AS.				-	\$0.00	\$0.00
706-1-12	REFLECTIVE PAVEMENT MARKERS (monomulti-directional colors)	EA.	139	458	235	832	\$3.60	\$2,995.20
710-11-121	PAINTED PAVEMENT MARKINGS STANDARD, WHITE, SOLID, 6"	L.F.	4,028	4,012	3,074	11,114	\$0.24	\$2,667.36
710-11-122	PAINTED PAVEMENT MARKINGS STANDARD, WHITE, SOLID, 8"	L.F.				554	\$0.36	\$192.24
710-11-123	PAINTED PAVEMENT MARKINGS STANDARD, WHITE, SOLID, 12"	L.F.	1,120		390	1,510	\$0.65	\$981.50
710-11-124	PAINTED PAVEMENT MARKINGS STANDARD, WHITE, SOLID, 18"	L.F.				-	\$0.00	\$0.00
710-11-125	PAINTED PAVEMENT MARKINGS STANDARD, WHITE, SOLID, 24"	L.F.				-	\$0.00	\$0.00
710-11-141	PAINTED PAVEMENT MARKINGS STANDARD, WHITE, SKIP 6"	L.F.	520	1,284	404	2,188	\$0.36	\$787.68
710-11-160	PAINTED PAVEMENT MARKINGS STANDARD, MESSAGE, WHT	EA				-	\$0.00	\$0.00
710-11-170	PAINTED PAVEMENT MARKINGS STANDARD, ARROWS, WHT	EA	13	9	4	26	\$18.00	\$468.00
710-11-221	PAINTED PAVEMENT MARKINGS STANDARD, YELLOW, SOLID, 6"	L.F.	4,782	11,322	1,650	17,964	\$0.24	\$4,311.36
710-11-224	PAINTED PAVEMENT MARKINGS STANDARD, YELLOW, SOLID, 18"	L.F.		1,074		1,074	\$1.20	\$1,288.80
711-11-121	SOLID TRAFFIC STRIPE (6" WHITE) THERMO	L.F.	2,014	2,006	1,537	5,557	\$0.84	\$4,667.88
711-11-122	SOLID TRAFFIC STRIPE (8" WHITE) THERMO	L.F.			267	267	\$1.20	\$320.40
711-11-123	SOLID TRAFFIC STRIPE (12" WHITE) THERMO	L.F.	560		195	755	\$1.90	\$1,434.50
711-11-124	SOLID TRAFFIC STRIPE (18" WHITE) THERMO	L.F.		97	460	557	\$3.60	\$2,005.20
711-11-125	SOLID TRAFFIC STRIPE (24" WHITE) THERMO	L.F.	181	25	55	241	\$3.60	\$867.60
711-11-141	THERMOPLASTIC, WHITE, SKIP 6", 10'x30'	L.F.	280	632	202	1,084	\$0.84	\$918.96
711-11-180	THERMOPLASTIC WHITE, MESSAGE	EA				-	\$0.00	\$0.00
711-11-170	THERMOPLASTIC WHITE, ARROWS	EA	13	9	4	26	\$67.00	\$1,742.00
711-11-221	SOLID TRAFFIC STRIPE (6" YELLOW) THERMO	L.F.	2,391	5,656	925	8,982	\$0.84	\$7,544.88
711-11-224	SOLID TRAFFIC STRIPE (18" YELLOW) THERMO	L.F.		537		537	\$3.60	\$1,933.20
711-11-180	THERMOplastic, Preformed, White, Message - SHARROW	EA.				-	\$0.00	\$0.00
102-1P	Maintenance of Traffic	LS				54,674.66		\$4,674.66
102-10A	Off Duty Police Officers	LS				10,800.00		\$10,800.00
NOTE:								
SUB-TOTAL BASE ITEMS								\$233,733.06
SUB-TOTAL								\$4,674.66
CONTINGENCY (10%)								\$238,407.72
SUB-TOTAL + Contingency								\$261,781.03
TOTAL								\$10,800.00
PAC COST (20%)								\$261,781.03
GRAND TOTAL								\$52,356.21
								\$314,137.23

\$35,126.76 13.42%