

Date: July 24, 2014

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

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

Subject: Notice of Construction Project:
Project No. 20090317
Joint Participation Agreement (JPA) between
Miami-Dade County and the City of Miami
Drainage Improvements along
South Miami Avenue

Re-submittal

RECOMMENDATION

Departmental Contract Measure Recommendation:
No Measure

Engineer's Opinion of Probable Construction Costs: Miami-Dade County:
\$307,769.00

Engineer's Opinion of Probable Construction Costs: The City of Miami:
\$2,175,253.74

Community Workforce Program (CWP):
Not Applicable

Reviewed by Small Business Development's (SBD) Construction Manager:
Yes

BACKGROUND

On July 3, 2012, the BCC approved the subject JPA under Resolution No. R-563-12. Under the JPA, the City of Miami would be provided up to \$204,444.08 of the cost of the construction of drainage improvements along South Miami Avenue, from SW/SE 12 Street to SW/SE 10 Street. Public Works and Waste Management (PWWM) has seen a steady increase in construction prices over the last two years. Due to said increases, the cost of the project has been adjusted to a new estimated total of \$307,769.00. The Community Workforce Program (CWP) is not applicable to this Project since the construction work location is not in a Designated Target Area (DTA). The scope of work remains the same but the Engineer's Opinion of Probable Construction Costs increased from \$204,444.08 to \$307,769.00 for a difference of \$103,324.92. Consequently, the PWWM respectfully request SBD perform its review of any changes in CSBE availability.

Page 2
Project No.
20090317

This Project is a JPA between the County and the City of Miami. Both parties wish to facilitate the construction of a drainage improvement project. Drainage improvements at the designated locations were initiated due to documented flooding in the residential and commercial areas located within the projects boundaries. This project is intended to alleviate the flooding problems on the roadway areas that have an ineffective drainage infrastructure. The drainage improvements will consist of the construction of a storm drainage system which will include the installation of exfiltration trenches (French drain) along with drainage inlets in the pulic right-of-way.

The City of Miami shall procure the services of a licenses contractor holding an engineering contractor's license to construct the Project. The City of Miami 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 of Miami will contact PWWM's Contracts and Specifications Section to ensure their compliance with applicable contract measure and Responsible Wages and Benefits requirements.

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

JF/jf

Attachments (2)

C: Vivian Forhat-Diaz, ISD/SBD
Alice Hidalgo-Gato, ISD/SBD
Bassam Moubayed, PWWM
Alejandro Martinez-Esteve, PWWM
Javier Heredia, PWWM
Eric Steinberg, PWWM
Dianah Coakley, PWWM
Lisset Cabrera, PWWM
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.: 20090317

*Reference corresponding project number when submitting a work order

Contract/Project Title: JPA between the County and the City of Miami, Drainage Improvements along South Miami Ave

Description/Scope of Work: See Attached

Estimated Cost: 307769 **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.
South Miami Avenue from SW/SE 12 Street to SW/SE 10 Street

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
Earthwork (Laborers)	7	90
Bituminous surface coarses (Laborers)	7	90
Drainage Structures and Pipes	5	90

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, estimated number of workers for each trade are utilized throughout the duration of the contract.

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: Please see attached Departmental recommendation and the CWP is not applicable; it appears the work location is not located in a Designated Target Area (DTA)

Date submitted to DBD: 7-24-14

Contact Person: James Ferreira or Alejandro Martinez-Estev

Telephone No.: 305-375-3267

DEPARTMENT INPUT
CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

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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
Asphaltic Concrete (Laborers)	7	90
Concrete	7	90
Landscaping	5	90

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, estimated number of workers for each trade are utilized throughout the duration of the contract.

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

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	\$	%	
	\$	%	
	\$	%	

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Telephone No.: 305-375-3267

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

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

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

Date: Thursday, July 24, 2014

Department: Public Works and Waste Management

Contract Type:

Capital -- Single Trade

PWWM Project No.:

20090317

Re-submittal: Yes; Previous Review Committee (RC) Submittal Dates: April 4, 2012

No

Project Title:

JPA between Miami-Dade County and the City of Miami
Drainage Improvements along South Miami Avenue

Standard Industrial Code (SIC):

16-Heavy

Estimated Project Cost:

Miami-Dade County: \$307,769.00
City of Miami: \$2,175,253.74

Funding Source:

Stormwater Utility Funds (SWU)

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

Method of Award: To be determined by the City of Miami

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

RPQ No.: 20090317

RPQ Title: JPA between Miami-Dade County and the City of Miami
Drainage Improvements along South Miami Avenue

Scope of Work: Miami-Dade County

- A. Work includes furnishing of all supervision, labor, materials, tools, and equipment in order to perform all operations required in accordance with the JPA Documents including but not limited to drainage improvements along South Miami Avenue from SW/SE 12th Street to SW/SE 10th Street which includes the construction and installation of drainage structures, exfiltration trench, grading, sodding, and miscellaneous roadway restoration (including construction of concrete curb and gutters and sidewalks).

Scope of Work: City of Miami, Including the Above

- A. The City of Miami's project entitled "Mary Brickell Village Drainage Improvements, B-30637" includes drainage improvements comprised of exfiltration trench, storm sewers for gravity conveyance, inlets, a storm water pump station connecting to an existing outfall, injection wells, a water quality structure and surface restoration within the project limits. The improvements will resolve or significantly decrease flooding caused by storm events within the project area as such they are necessary and conducive to public safety, convenience and welfare.

1. Please see attached Location Map.

Certification Requirements:

- A. The City of Miami will procure the services of a licensed contractor holding an engineering contractor's license to construct the project.

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

RPQ No.: 20090317

RPQ Title: JPA between Miami-Dade County and the City of Miami
Drainage Improvements along South Miami Avenue

Areas for possible measures:

None

Areas recommended for CSBE Subcontractor Goal:

None

Contract Measure Recommendation:

- No Measure
- Set-Aside:
 - Level I
 - Level II
 - Level III
- Trade Set-Aside(s):
- Aggregate Set-Aside
- CSBE Subcontractor Goal
- CWP: Not applicable, work location is not in a DTA
 - South Miami Avenue from SW/SE 12th Street to SW/SE 10th Street
- DBE Subcontractor Goal

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

RPQ No.: 20090317

RPQ Title: JPA between Miami-Dade County and the City of Miami
Drainage Improvements along South Miami Avenue

Reason for Recommendation:

This is a single trade project; none of the primary trade related work (Drainage) shall be subcontracted. Ancillary work, which is minimal but required and incidental to completing the project, includes concrete work and/or landscaping. Consequently, PWWM did not make a recommendation for CSBE participation for the aforementioned categories. Concrete and/or landscaping items are utilized for repairs and/or restoration to damage property resulting from construction activities. The concrete may equate to less than 2% if utilized for repair and restoration combined. In addition, further industry research performed by staff suggests that the industry performs their own concrete work utilizing skilled and/or unskilled laborers.

A contract measure recommendation of Set-Aside for the County's portion of the Project will impose construction contract administrative challenges throughout bid solicitation, award, and construction should two different contractors be required to perform work in the same vicinity.

Since PWWM processes at least 98% of its Drainage projects utilizing the MCC 7040 Plan-CICC 7040-0/07 Contract, the amount of work to be performed on this project equates to less than one percent of the amount of work completed on closed projects.

Comments:

PWWM solicited for bids under the MCC 7040 Plan-CICC 7040-0/07 Contract and received bids for two locations on RPQ No. 20100406 on June 23, 2010; eight bids were received and the awarded contractor was Rock Power Paving, Inc. The first location: SW 2nd Avenue from SW 9th Street to SW 11th Street was completed.

Work commenced on the second location: South Miami Avenue from SW/SE 10th Street to SW/SE 14th Street but was Terminated for Convenience by the County on April 21, 2011 leaving a remaining portion of work to be performed from 10th Street to 12th Street.

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

RPQ No.: 20090317

RPQ Title: JPA between Miami-Dade County and the City of Miami
Drainage Improvements along South Miami Avenue

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

PWWM processes at least 98% of its drainage projects utilizing the MCC 7040 Plan-CICC 7040-0/07 Contract. Based on the vast amount of information available for drainage work, supporting documentation can be provided upon request.

Similar Projects previously submitted for SBD Action:

Please see above statement.

Scope of Work History Summary – Subcontracting Opportunities:

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

None: Set-Aside for CSBE participation only

Areas used to meet subcontractor goal (Awarded Contractor):

N/A

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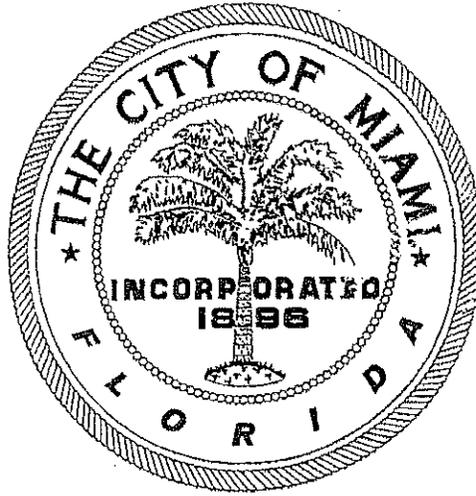
COST ESTIMATE

SOUTH MIAMI

(ACRE CONTRACTOR PRICES)

Item No.	Description	Unit	Unit Price	Quantity	Total Price
102-74-1	Barricades (Temporary - Types I, II, VP and Drum)	E.A./DAY	\$ 0.35	9600	\$ 3,360.00
102-74-2	Barricades (Temporary, Type III, 6')	E.A./day	\$ 0.50	480	\$ 240.00
102-76A	Advance Warning Arrow Panel	E.A./day	\$ 12.00	240	\$ 2,880.00
102-77	High intensity flashing (Temporary, Type "B")	E.A./day	\$ 0.50	960	\$ 480.00
102-91-1A	Pavement marking temporary (Solid) (Any width) (Yellow or White) (Paint)	L.F.	\$ 1.00	500	\$ 500.00
102-99	Variable message sign (temporary)	E.A./day	\$ 30.00	100	\$ 3,000.00
104-10-3	Sediment Barrier	L.F.	\$ 15.00	200	\$ 3,000.00
104-18	Inlet Protection System	E.A.	\$ 25.00	25	\$ 625.00
110-1-1B	Clearing and grubbing	L.S.	\$ 6,000.00	1	\$ 6,000.00
110-2	Clean existing structure (trench or manhole) include removal and disposal of trash and deleterious materials)	E.A.	\$ 300.00	6	\$ 1,800.00
110-2-00	Clean existing pipes (including removal and disposal of trash and other deleterious materials)	L.F.	\$ 12.00	100	\$ 1,200.00
121-70-2	Flowable Fill	C.Y.	\$ 125.00	29	\$ 3,643.52
327-7-01	Milling Existing Pavement - [(1" Depth) (Up to 5,000 S.Y.)]	S.Y.	\$ 4.00	1767	\$ 7,066.67
331-72-10A-HMA	Roadway Pavement Restoration (Replace and match existing base thickness and asphalt course with 8" minimum, primed Limerock Base and 1" thick of HMA, Asphalt Work Category 3)	S.Y.	\$ 25.00	434	\$ 10,858.33
334-2-13-1	Hot Mix Asphalt, Traffic C, SP-9.5	Ton	\$ 150.00	157	\$ 23,546.88
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 increased decreased or eliminated by the Engineer)]	C.Y.	\$ 350.00	10	\$ 3,500.00
425-1-1	Swale Inlet Type D-3 (36" Dia.) (Less than 10 feet deep)	E.A.	\$ 3,500.00	4	\$ 14,000.00
425-1-2A	Swale Inlet Type D-3 (36" X 36") (Less than 10 feet deep)	E.A.	\$ 3,500.00	2	\$ 7,000.00
425-1-902	Swale Inlet Type P-10M (Any dimension, maximum 15' deep)	E.A.	\$ 3,900.00	6	\$ 23,400.00
425-2-11	Manhole Type USP 3-27.1 (36" Dia.) (Max. 15' Deep)	E.A.	\$ 4,000.00	1	\$ 4,000.00
425-2-41	Manhole (Type P-7T, Any dimension, maximum 15' deep)	E.A.	\$ 4,500.00	3	\$ 13,500.00
425-79	Core and Tie to exist. drainage structures. (Any pipe size hole opening) (Including mortar seal) (This item is contingent upon field conditions and may increased decreased or eliminated by the Engineer)	E.A.	\$ 450.00	5	\$ 2,250.00
425-82	Modify Structure-Cut to enlarge opening as needed in order to accommodate pipe due to utility conflict(s), brick and mortar as needed.	E.A.	\$ 500.00	4	\$ 2,000.00
430-171-123	Pipe Culvert - 15" Diameter	L.F.	\$ 24.00	199	\$ 4,776.00
430-171-129	Pipe Culvert - 24" Diameter	L.F.	\$ 50.00	65	\$ 3,250.00
430-880-1830	Flap Gates (Pipe Diameters 18" to 30" or Equivalent)	E.A.	\$ 2,500.00	1	\$ 2,500.00
443-70-4-3	French Drain (24" diameter pipe, trench depth 15 ft bis)	L.F.	\$ 100.00	775	\$ 77,500.00
520-1-10	Concrete Curb and Gutter (Type F) (6" Curb, 18" Gutter) (Includes cost of limerock base and subgrade)	LF	\$ 25.00	677	\$ 16,925.00
522-1(1)	Concrete Sidewalk (4" thick)(Class I concrete, 3000 P.S.I.)(Including pedestrian ramps and sidewalk curbs)	SY	\$ 36.00	380	\$ 13,680.00
522-2-1	Concrete Driveway Restoration (6" Thick Class I Concrete, 300 PSI @ 28 days , includes sidewalk and driveway approach, and restoration of base as needed)	SY	\$ 40.00	42	\$ 1,680.00
527-2	Detectable Warning on Walking Surface	SF	\$ 30.00	56	\$ 1,680.00
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.	\$ 5.00	150	\$ 750.00
711-3A(3)	Pavement Message Thermoplastic	E.A.	\$ 230.00	8	\$ 1,840.00
711-11-121	Thermoplastic (White)(Solid)(6")	LF	\$ 1.00	661	\$ 661.00
711-11-123	Thermoplastic (White)(Solid)(12")	LF	\$ 2.00	475	\$ 950.00
711-11-124	Thermoplastic (White)(Solid)(18")	LF	\$ 3.94	150	\$ 591.00
711-11-125	Thermoplastic (White)(Solid)(24")	LF	\$ 3.94	55	\$ 216.70
711-11-141	Thermoplastic (White) (Skip) (6")	LF	\$ 0.60	150	\$ 90.00
711-11-151	Thermoplastic (White)(Dotted/Guideline)(6")	LF	\$ 0.58	260	\$ 150.80
711-11-211	Thermoplastic (Yellow) (Solid) (6")	LF	\$ 1.50	40	\$ 60.00
SUBTOTAL					\$ 265,150.89
999	CONTINGENCY FUND (10% of subtotal amount)				\$ 26,515.09
102-1M	MAINTENANCE OF TRAFFIC (Including traffic cones, temporary signs, flag men, etc.) (Shall not exceed 2% of Contract Sub-total Amount)				\$ 5,303.02
102-10A	OFF-DUTY LAW ENFORCEMENT OFFICER				\$ 10,800.00
TOTAL CONSTRUCTION					\$ 307,769.00

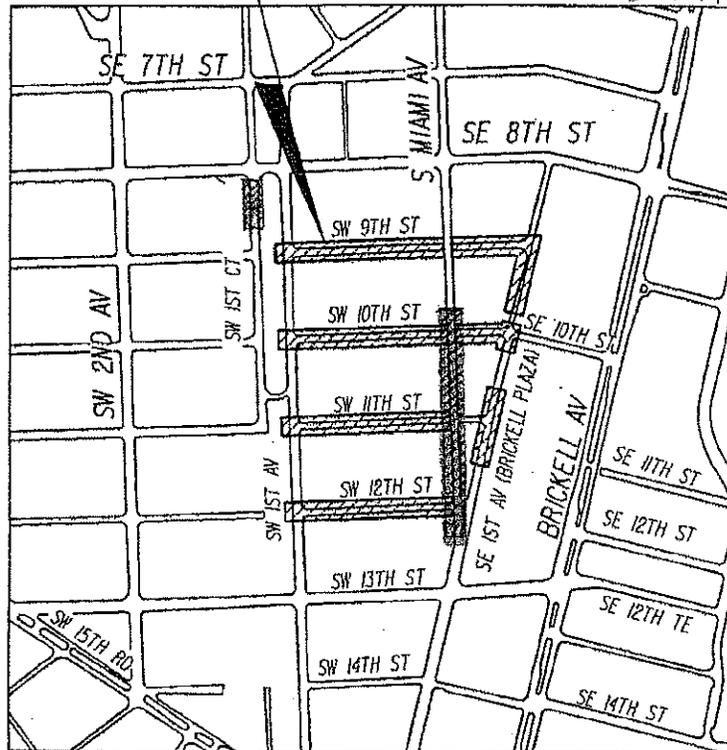
Unit prices in yellow are not in the Contract
 Unit prices in yellow were increased to match their prices



MARY BRICKELL VILLAGE
DRAINAGE IMPROVEMENTS, 5-30657

PROJECT LOCATION

 PROP. ROAD & DRAINAGE WORK ON CITY RIGHT-OF-WAY
 PROP. ROAD & DRAINAGE WORK ON COUNTY RIGHT-OF-WAY



LOCATION MAP

**FIRST AMENDMENT TO JOINT PARTICIPATION AGREEMENT FOR
DRAINAGE IMPROVEMENTS ALONG SOUTH MIAMI AVENUE BETWEEN
MIAMI-DADE COUNTY AND THE CITY OF MIAMI**

This First Amendment to the Joint Participation Agreement is made and entered into this _____ day of _____, 2014, by and between Miami-Dade County, a political subdivision of the State of Florida, herein referred to as the "County", and the City of Miami, a political subdivision of the State of Florida, herein referred to as the "City".

WITNESSETH

WHEREAS, pursuant to Resolution No. R-563-12, approved by the Board of County Commissioners of Miami-Dade County, Florida, on July 3, 2012, the parties hereto entered into a Joint Participation Agreement to facilitate the construction of a drainage improvement project in Miami-Dade County, (the "Agreement") including the construction of drainage improvements along South Miami Avenue, from SW/SE 12 Street to SW/SE 10 Street in Miami, Miami-Dade County, as more particularly described in the Agreement (the "Project"); and

WHEREAS, due to an increase in construction prices, an additional \$145,555.92 is required to adjust the amount provided under the Joint Participation Agreement from \$204,444.08 to \$350,000.00, and

WHEREAS, the Agreement allows for the amendment of the of the County funds available for the Project subject to the approvals of the parties' respective governing boards;

NOW, THEREFORE, in consideration of the mutual desires of the parties

hereto, the following modifications are made to the aforementioned Agreement:

2.1 Funding Amount, Reimbursement of Project Costs: The County agrees to provide funds up to ~~\$204,444.08~~\$350,000.00 (this amount includes ten percent (10%) contingency) for eligible costs, as defined herein, incurred by the City for the construction of the Project. The County shall disburse to the City funds for the Project in the manner set forth in Section 4. The County shall incur no liability for any costs in excess of said funding amount unless there has been a duly authorized increase approved by the Board of County Commissioners. The City shall not be obligated to commence work should the bid amount exceed the funding provided by the County. If the bid amount exceeds the funding amount, the City reserves its rights to reject all bids and re-bid the Project.

2.2. County Payments of Project Costs The County funds provided for eligible expenses as defined herein, incurred for the construction of the Project under this Agreement are specified below:

<u>Funding Amount</u>	<u>Funding Source</u>	<u>County Fiscal Year of Commitment</u>
\$204,444.08	Stormwater Utility Funds	<u>2011-2012</u>
<u>\$350,000.00</u>		<u>2013-2014</u>

In all other respects, except as herein amended, the original Agreement shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, the parties hereto set their hands and official seals the day and year first above written.

ATTEST:

HARVEY RUVIN
CLERK OF THE BOARD

MIAMI-DADE COUNTY, FLORIDA,
BY ITS BOARD OF
COUNTY COMMISSIONERS

BY: _____
Deputy Clerk

BY: _____
County Mayor or County Mayor' Designee

Approved by County Attorney
as to form and legal sufficiency

County Attorney

ATTEST:

CITY OF MIAMI, a municipal
corporation of the State of Florida

BY: _____
Todd Hannon
City Clerk

BY: _____
Daniel J. Alfonso
City Manager

(Affix City Seal)

Approved by City Attorney
as to legal form and correctness:

Approved as to Insurance Requirements

Victoria Méndez
City Attorney

Calvin Ellis, Director
Risk Management Department