

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.: W-947

*Reference corresponding project number when submitting a work order

Contract/Project Title: Furnish and Install 36-Inch D.I.P Water Main along NW/NE 135 Street, from NW 7 Avenue to NE 16 Avenue and FDOT State Road 916/NW/NE 135 Street Improvements

Description/Scope of Work: See Attached

Estimated Cost: 12520114 **Funding Source:** Federal funds

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.
Along 135 ST, Starts at NW 7 Ave . and ends at NE 16 Ave.

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
N/A		
N/A		
N/A		

Comments:..

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: The project is partially funded by federal funds and therefore is exempt from SBE-Construction and SBE-G&S

Date submitted to DBD: 05/10/2019

Contact Person: Isaac Smith

Telephone No.: 786-552-8989

**DEPARTMENTAL INPUT
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

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

From: Isaac Smith, Chief
Construction Contracts Division

Department: Miami-Dade Water and Sewer Department

Contract Title: Furnish and Install 36-Inch D.I.P Water Main along NW/NE 135 Street, from NW 7 Avenue to NE 16 Avenue and FDOT State Road 916/NW/NE 135 Street Improvements

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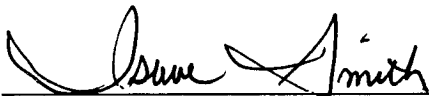
Estimate Amount: SBE Total Estimate of \$12,520,114.92, comprised of the following:

WASD portion: \$7,535,195.42 [\$6,850,177.65 Construction + \$685,017.77 Contingency]

FDOT portion: \$4,984,919.50 [\$4,531,745.00 Construction + \$453,174.50 Contingency]

Funding Source: Future WASD Revenue Sold & Federal Funds

Small Business Enterprise – Construction – No Measure, due to funding source.



Department Head or Authorized Agent

DESCRIPTION OF PROJECT:

This project is one in a series of projects that are being processed under Section 2-8.2.12 of the Code, entitled Miami-Dade Water and Sewer Department Consent Decree and Capital Improvement Programs Accelerate Ordinance.

The project consists of furnishing and installing approximately 13,210 L.F. of 36-inch Ductile Iron Pipe (D.I.P.) along 135th Street from NW 7 Avenue to NE 16 Avenue, including 1,300 L.F. of High-Density Polyethylene (H.D.P.E.) via Horizontal Directional Drill (H.D.D.) for the Biscayne Canal crossing, valves and fittings. It also includes the furnishing and installation of 25 LF of 24-inch Ductile Iron Pipe (D.I.P.), 35 LF of 8-inch Ductile Iron Pipe (D.I.P.), 70 LF of 6-inch Ductile Iron Pipe (D.I.P.), valves and fittings for water mains. Work includes but is not limited to furnishing and installing the 36-inch, 24-inch, 8-inch and 6-inch pipes with restrained joints where required; valves; automatic air release valve assemblies; also making connection to an existing 24-inch water main at the intersection of NW 135th Street and NW 6th Court. This connection will be made by installing a 24-inch mechanical joint Solid Sleeve restrained. Project scope also includes a connection at the intersection of NW 135th Street and NE 16th Avenue to an existing 48-inch Prestressed Concrete Cylinder Pipe (P.C.C.P). This connection will be performed using a 48 x 36 inches Tapping Sleeve with a 36-inch Tapping valve. Ductile Iron pipe sections will be installed via Open Cut method.

The project also includes providing Maintenance of Traffic (MOT) plans; providing off-duty police for traffic control as may be required by the Department or governing authorities; permanent pavement restoration and full width milling and asphalt overlay of existing roadways; and, replacing pavement markings.

Ancillary work includes all permitting; dewatering; storm water pollution prevention; removing unsuitable soils and installing suitable backfill material where required; replacement of sod and shrubs, tree protection, trimming, root pruning; dewatering; site restoration; performing work with time and weather limitations and other appurtenant and miscellaneous items; and, all work necessary for a complete, fully functional and satisfactory installation. The project is located in Section 19, 20, 23-26, 29 & 30, Township 52 S., Range 41 & 42 E., in Miami-Dade, Florida.

CONSIDERATIONS FOR ANALYSIS:

1. This project involves a portion of work being constructed via a reverse Joint Project Agreement (JPA) for Florida Department of Transportation (FDOT), as such the project is partially funded via state and federal revenues.
2. The project involves the installation of a segment of pipeline via Horizontal Directional Drill (H.D.D.) for the Biscayne Canal crossing
3. In addition, the success of the project involves interconnections to a large diameter Prestressed Concrete Cylinder Pipe (PCCP)
4. Many portions of the work requires the use of heavy equipment, such as the installation of 48 through 72-inch flanged butterfly valves.
5. A "No Measure" recommendation is suggested due to the project being partially funded by federal funds.

LICENSES: The types of licenses required are: General Engineering, State Underground, Pipeline and/or other categories as applicable by Chapter 489 of the Florida Statutes or Chapter 10 of Miami-Dade County Code.

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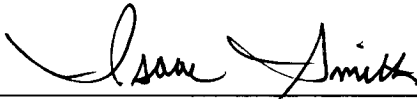
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Funding Source: Future WASD Revenue Sold & Federal Funds

Small Business Enterprise – Goods & Services – No Measure, due to funding source.

Analysis for Recommendation (Attached)



Department Head or Authorized Agent

DESCRIPTION OF PROJECT:

This project is one in a series of projects that are being processed under Section 2-8.2.12 of the Code, entitled Miami-Dade Water and Sewer Department Consent Decree and Capital Improvement Programs Accelerate Ordinance.

The project consists of the installation of approximately 13,210 L.F. of 36-inch D.I.P. Water Main along 135 Street from NW 7 Avenue to NE 16 Avenue, including 1,300 L.F. of HDPE via Horizontal Directional Drill for the Miami-Dade Water and Sewer Department.

Pursuant to agreement with Florida Department of Transportation, this project also includes work being performed and paid by FDOT along NW/NE 135 Street which is also State Road.

CONSIDERATIONS FOR ANALYSIS:

1. The possible areas of subcontracting are in the area of Maintenance of Traffic, Pavement Marking, Milling, Paving, concrete curb and gutter restoration, Sodding and Tree Trimming and protection.
2. However, due to the project being partially federally funded, a “No Measure” recommendation is submitted for SBE- Goods and Services.

Analysis for Small Business Enterprise – Goods and Services Recommendation

Item	Goods & Services	Prime Contractor	Sub-Contractor	SBE Availability
1.	GOODS: Ductile Iron Pipe & Fittings HDPE Pipe Limerock Base and Subbase Gate & Tapping Valves Air Release Valves	X X X X X	X X X X	X X X
2.	SERVICES Ductile Iron Pipe Installation Utility Piping Directional Drill Dewatering Furnishing Traffic Control Replacing Pavement Markings Milling and Paving Replacement of Sod & Shrubs Tree Protection & trimming	X X X	 X X X X X X X X	 X X X X X X