

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.: **P0238**

*Reference corresponding project number when submitting a work order

Contract/Project Title: **Improvements to RAS Pipeline (ST-2E) South District Wastewater Treatment Plant**

Description/Scope of Work: **See Attached**

Estimated Cost: **4962363** **Funding Source:** **General 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.
South District Waste Water Treatment Plant, located in unincorporated Miami Dade County at 8950 SW 232nd St, Miami, FL 33190.

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:The project is required for compliance with the State of Florida's Ocean Outfall Legislation.

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
<u>Construction</u>	\$160,000	3.22%	<u>N/A</u>
<u>G & S</u>	\$81,880	1.65%	<u>N/A</u>
	\$	0%	

RECOMMENDATION

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

Basis for Recommendation:**Project is partially funded by WIFIA (ie. Federal) funds**

Date submitted to DBD:**6/11/2020**

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: Improvements to RAS Pipeline (ST-2E)
South District Wastewater Treatment Plant

Contract No.: P0238 **PREVIOUSLY SUBMITTED AS S-957**

Estimate Amount: \$4,962,363.91 [\$4,511,239.92 Construction + \$451,123.99 Contingency]

Funding Source: WIFIA & EW 667, WASD Revenue Bonds Sold

Small Business Enterprise – Construction – 3.22%

Analysis for Recommendation (Attached)



Department Head or Authorized Agent

DESCRIPTION OF PROJECT:

This project consists of furnishing all materials, labor, and equipment necessary for the modifications to the Return Activated Sludge (RAS) piping from RAS Pump Station 1 (RAS PS1) to Oxygenation Tanks 1-4 and associated yard piping at the South District Wastewater Treatment Plant, located at 23300 SW 88th Avenue Miami, FL 33032. It is one in a series of projects required for compliance with the State of Florida's Ocean Outfall Legislation and is 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 work includes, but is not limited to, the following:

1. Civil
 - a. Install shoring to protect existing structures and geotechnical instrumentation to monitor conditions.
 - b. Dewatering activities and installation of sheet piles.
 - c. Install yard piping to replace approximately 1,150 linear feet of 36" RAS return pipeline from RAS PS1 to Oxygenation Tanks 1-4 and to add approximately 1,300 linear feet of new 36" line from RAS PS1 to Oxygenation Tanks 1-4 on the east side of the structures. Demolition of deteriorated RAS piping.
 - d. Site and Utilities Demolition.
 - e. Provide recommended Access Roads/Routes.
2. Process Mechanical
 - a. Connect new 36-inch pipe to Oxygenation Tank 1-4 RAS piping.

NOTE: - The Department has sought Federal Funds (via WIFIA Program) for this project.

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

CWP PARTICIPATION: Is not Applicable, project is not located in a DTA.

Item		Description	Value	Percent	SBE Cons - % of Total	Descr. of SBE Cons work	SBE G&S - Availability (\$)	SBE G&S - % of Total	Descr. of SBE G&S work
Improvements to RAS Pipeline (ST-2E) South District Wastewater Treatment Plant									
RPQ No. P0238									
Recommendation - 3.22% SBE Cons, 1.65% SBE G&S									
1	Mobilization		\$ 44,961.40	0.91%				0.00%	
2	Milling, demolition and replacement of asphaltic concrete pavement.		\$ 99,905.51	2.01%	\$ 50,000.00	Cold Milling		0.00%	
3	Construction of new asphalt pavement including, compacted subgrade, base and asphaltic concrete.		\$ 165,154.41	3.33%	\$ 110,000.00	Limerock base and compacted subbase		0.00%	
4	Modifications to the discharge piping from RAS Pump Station 1, RAS piping from the Oxygenation Trains; temporary bypass; modifications to existing process piping; furnishing, installing, and testing all RAS discharge piping, fittings, and valves, flow meters, pipe supports; furnishing and installing all sheeting, shoring and structural features and components; all electrical work; all instrumentation & control work.		\$ 4,201,218.60	84.66%			\$ 81,880.00	1.65%	Pipe bedding misc. hauling
	Subtotal		\$ 4,511,239.92	90.91%	\$ 160,000.00		\$ 81,880.00	3.22%	
	Contingency Allowance		\$ 451,123.99	9.09%					
	SBE Total		\$ 4,962,363.91	100.00%					

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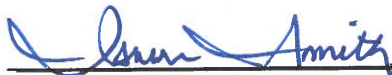
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Funding Source: WIFIA & EW 667, WASD Revenue Bonds Sold

Small Business Enterprise – G & S: 1.65%


Department Head or Authorized Agent

SBE- GOODS AND SERVICES:

The Department has evaluated the project for possible opportunities for participation in the area of SBE – Goods and Services. It is one in a series of projects required for compliance with the State of Florida’s Ocean Outfall Legislation. Due to the specialized nature of the construction involved in this project there is limited availability for SBE – Goods & Services.

Analysis for Small Business Enterprise – Goods and Services Recommendation				
Item	Goods & Services	Prime Contractor	Sub-Contractor	SBE Availability
1.	GOODS:			
	Limerock	X	X	X
	36" RAS Piping	X		
	Asphalt	X	X	X
2.	SERVICES			
	Sheet Pile Installation	X	X	
	Shoring	X	X	
	Dewatering	X	X	
	Mobilization	X		
	Geotechnical Instrumentation	X	X	