

SBD - CM Review Form

To:	Project Review & Analysis - Construction	Contact:	Isaac Smith
From:	SBD CM - Eddy V. Etienne Jr.	Resubmittal:	No
Department:	Miami Dade Water & Sewer Department		
Date:	5/18/2016		

PROJECT NUMBER:	S-902
PROJECT TITLE:	CD 4.10(2) INSTALLATION OF APPROXIMATELY 10,000 LF OF 54-INCH DI FORCE MAIN ALONG THE SOUTH RIGHT OF WAY OF BISCAYNE CANAL (C-8) FROM NW 57th AVE. TO NW 37th AVE.
PROJECT LOCATION:	FROM NW 57 AVE TO NW 37 AVE along the SFWMD South ROW of Biscayne (C-8) Canal (within the north side of Opa-locka Airport)

SCOPE OF WORK/DESCRIPTION: 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 all labor, materials and all equipment necessary for the installation of a new 54-Inch force main from NW 57th Avenue to NW 37th Avenue along the south edge of the Biscayne Canal (C-8) by open cut and within the bounds of the Opa-Locka Executive Airport Airside Operations Area. The work includes, but is not limited to, making connections to existing mains, dewatering, sheeting and shoring to control trench width, making temporary and permanent paving repairs, cleaning and testing the mains and all other appurtenant and miscellaneous items and work for a complete, functional and satisfactory installation. The Contractor will be required to mobilize each evening, work through the night and be demobilized by 8:00 AM to allow the landing strip to operate.

The project begins at NW 57th Avenue running along the north side of the Opa-Locka Executive Airport adjacent to the south side of the C-8 Canal to NW 37th Avenue.

SPECIAL REQUIREMENTS: 1. This project involves installation of a large diameter sewage force main. Trench depth for this project will average 15 feet deep and a significant portion of the pipe installation will occur where the pipe is totally submerged due to ground water levels therefore the use of highly specialized divers to guide installation will be necessary. Trench line shoring will be required due to sandy soil conditions and proximity to the C-8 Canal.

2. All portions of the work require heavy equipment with highly skilled operators. Also, this project will require the contractor to install pipe at or below the water table in an area of the County that is noted for relatively unstable soil conditions.

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.

TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
			Prime

TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
General Conditions	\$456,507.00	2.76%	*Must meet Project Special Requirements
Mobilization/Demobilization	\$998,000.00	6.04%	
Excavation & Shoring	\$607,500.00	3.67%	
Lime Rock Fill	\$1,168,125.00	7.07%	
54 inch Pipe Furnish & Install	\$10,325,007.00	62.45%	
Air Reliefs, Valves, Manhole	\$743,161.00	4.50%	
Testing (every 1,000 LF) material	\$124,611.96	0.75%	
Testing (every 1,000 LF) labor	\$40,327.10	0.24%	
Subcontractor			
Survey & Layout	\$18,800.00	0.11%	*Possible opportunities for Small Businesses
Hauling	\$222,576.00	1.35%	
Landscaping	\$7,592.00	0.05%	
Paving	\$316,995.20	1.92%	
BASE TOTAL		\$15,029,202.26	90.91%
Contingency Allowance (10% of Base Estimate)	\$1,502,920.23	9.09%	
TOTAL AMOUNT		\$16,532,122.49	100.00%

Small Business Development Signature:  Date: 5-18-16

*Trades/Sub-Trades identified for possible subcontracting opportunities by SBD CM

WASD is recommending 1.92% SBD- Construction Goal

Initial: EE

Date: 5-18-16