

SBD - CM Review Form

To:	Project Review & Analysis - Construction	Contact:	Isaac Smith
From:	SBD Engineer - Eric Perez	Resubmittal:	
Department:	Miami Dade Water & Sewer Department		
Date:	1/8/2020		

PROJECT NUMBER:	S-957
PROJECT TITLE:	Improvements to RAS Pipeline (ST-2E) South District Wastewater Treatment Plant
PROJECT LOCATION:	8950 SW 232nd St, Miami, FL 33190

SCOPE OF WORK/DESCRIPTION: The scope of work includes, but is not limited to, 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 Dade 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.

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.

SPECIAL REQUIREMENTS: 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 project is not recommended for Joint Venture

TRADES/SUBTRADES	AMOUNT	COMMENTS
General Engineering/Underground Contractor/Pipeline Contractor		
Mobilization	\$44,962.40	
Milling, demolition and replacement of asphaltic concrete pavement	\$99,905.51	*Opportunities for Small Businesses due to requirements
Construction of new asphalt pavement including, compacted subgrade, base and asphaltic concrete	\$165,154.41	*Opportunities for Small Businesses due to requirements

Initial: E.P.

Date: 1/8/20

TRADES/SUBTRADES	AMOUNT		COMMENTS
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		
BASE TOTAL	\$4,511,240.92	90.91%	
Contingency Allowance (10% of Base Estimate)	\$451,124.09	9.09%	
TOTAL AMOUNT	\$4,962,365.01	100.00%	

Small Business Development Signature: 

Date: 1/8/2020

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

WASD is recommending **3.72%**