

SBD - CM Review Form

To:	Project Review & Analysis - Construction	
From:	SBD CM - Eddy V. Etienne Jr.	
Department:	Miami Dade County Water & Sewer Department	Contact: Cristian Garcia
Date:	1/31/2017	Resubmittal: No

PROJECT NUMBER:	P0197
PROJECT TITLE:	South District Waste Water Treatment Plant Fog Removal Facility Consent Decree Project
PROJECT LOCATION:	

SCOPE OF WORK/DESCRIPTION: The WORK consists of furnishing all materials, labor, and equipment necessary for the FOG Facility improvements at the South District Wastewater Treatment Plant (SDWWTP) owned by the Miami-Dade Water and Sewer Department (MDWASD), located at 23300 S.W. 88 Avenue, Miami, FL 33190.

1. The project consists of furnishing and installing a traveling bridge crane with supporting structure with pile foundations and associated utilities relocation and truck loading area, a hot water supply and distribution system, concrete channels and rock boxes, and truck dumping and washout pad modifications. Additionally, the project includes replacement of the existing heat/fire detection components, and all associated instrumentation and electrical work.
2. Site civil WORK includes dewatering, potholing and relocation of existing conflicting utilities, furnishing and installing concrete and asphalt driveways and roadway, concrete curbs, gutters, and sidewalks.
3. Structural work includes the support pile foundation system and structural steel superstructure for the traveling bridge crane, reinforced cast-in-place concrete structures on grade, pre-cast vaults, on grade reinforced concrete slabs.
4. Building mechanical WORK includes furnishing and installing the natural gas-heated hot water supply and distribution system, including all potable water, hot water, and natural gas piping.
5. Electrical WORK includes furnishing and installing, low voltage panels, power panel modifications, enclosures, breakers, starters, interlocks, grounding, and other necessary electrical gear; all necessary electrical duct banks, conduits, cables for a complete electrical system.
6. Instrumentation and Control WORK includes furnishing and installing, all instrumentation and controls, including control panels, control instruments, switches, transmitters, and sensing elements, and other necessary instrumentation and controls appurtenances and gear; all necessary instrumentation and controls conduits, cables, and fiber optics, including connections to existing RTU, for a complete instrumentations and control system; providing the services of a system integrator.


SPECIAL REQUIREMENTS: Primary Trades for this project are General Building Contractor and Building Contractor.

TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
Prime			
Preparatory Work	\$295,266.00		
Project Equipment	\$130,970.00		
General Conditions	\$727,294.00		
Rock Box System	\$91,804.00		
Traveling Bridge crane	\$300,064.00		Must meet Project Special Requirements

Initial: EE

Date: 1-31-17

TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
Hot water system	\$392,118.00		
Testing	\$1,911.00		
Electrical equipment	\$55,757.00		
Controls	\$29,404.00		
Sitework	\$214,037.00		*Possible subcontracting opportunities
Structural	\$223,514.00		
Electrical	\$31,785.00		
BASE TOTAL	\$2,493,924.00	90.91%	
Contingency Allowance (10% of Base Estimate)	\$249,392.40	9.09%	
TOTAL AMOUNT	\$2,743,316.40	100.00%	

Small Business Development Signature:  Date: 1-31-17

*Trades/Sub-Trades identified for possible subcontracting opportunities by SBD CM
WASD is recommending 17.11% SBE/Cons and 2.10% SBE/GS

Initial: EE

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