

## SBD - CM Review Form

<b>To:</b>	Project Review & Analysis - Construction	<b>Contact:</b>	Issac Smith
<b>From:</b>	SBD Engineer - Eric Perez	<b>Resubmittal:</b>	
<b>Department:</b>	Miami Dade Water & Sewer Department		
<b>Date:</b>	11/20/2020		

<b>PROJECT NUMBER:</b>	S-958
<b>PROJECT TITLE:</b>	D2-C-2, Proposed 16-inch, 12-inch, and 8-inch DI Water Main and 10-inch and 8-inch Gravity Sewer along NW 22nd Avenue from NW 79th Street to NW 90th Street and 8-inch Force Main along NW 87th Street
<b>PROJECT LOCATION:</b>	Along NW 22 Avenue from NW 79 Street to NW 90 Street, along with work on side streets, in Sections 3 & 10, Township 54S, Range 41E.

**SCOPE OF WORK/DESCRIPTION:** The project is comprised of the installation of 16-inch, 12-inch and 8-inch water mains; 10-inch and 8-inch gravity sewer mains; and 8-inch force main primarily along NW 22 Avenue from NW 79 Street to NW 90 Street, along with work on side streets. The project consists of furnishing all materials, labor and equipment, necessary to construct the proposed water mains, gravity sewers, and force main, including, but not limited to, mobilization; site preparation and clearing and grubbing as necessary; furnish and install new water mains, gravity sewers, and force main; furnish and install connections to the existing water mains and force main; connections to the future Pump Station D2-C-2; site restoration; testing; and other appurtenant and miscellaneous items and work for a complete, satisfactory and functional installation for this force main as shown on the contract drawings and as specified. All water mains, gravity sewers, and force mains will be constructed in accordance with Miami-Dade Water and Sewer Department's Design Standards. The project is located primarily along NW 22 Avenue from NW 79 Street to NW 90 Street, along with work on side streets, in Sections 3 & 10, Township 54S, Range 41E in Miami-Dade County, Florida.

**SPECIAL REQUIREMENTS:** The project involves the construction of gravity sanitary sewers at deep cut depths and the installation of precast concrete manholes, which requires the use of large equipment and capable of deeper trench installations. The project requires utility installation in areas of known contamination; therefore the contractor is required to provide the services of a Certified Industrial Hygienist.

**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	COMMENTS
Pipeline Engineering/General Engineering		
Mobilization / Demobilization	\$489,100.00	*Opportunities for Small Businesses due to requirements
For Surveying by a Fla. Licenced PSM	\$7,425.00	
Furnishing 16", 12", 8", 6" 4" DIP WM	\$582,242.00	
Installing 16", 12", 8", 6" 4" DIP WM	\$479,658.00	
Furnishing 16", 12", 8", 6" 4" Gate Valves	\$155,400.00	

TRADES/SUBTRADES	AMOUNT		COMMENTS
Installing 16", 12", 8", 6" 4" Gate Valves	\$82,770.00		
Connections to Existing Water Mains	\$99,800.00		*Opportunities for Small Businesses due to requirements
Construction of 1" & 2 " Water Services	\$170,300.00		*Opportunities for Small Businesses due to requirements
Furnishing & Installtion of Sodding	\$11,665.00		*Opportunities for Small Businesses due to requirements
Fire Hydrants	\$90,000.00		
Providing a Certified Industrial Hygenist	\$160,208.00		
Air Release Valves & Flushing Valve Outlets	\$103,100.00		
Furnishing 10" & 8" DIP Sewer Main	\$456,625.00		
Installing 10" & 8" DIP Sewer Main	\$374,255.00		
Furnishing Standard Precast Manholes	\$236,200.00		
Installing Standard Precast Manholes	\$192,390.00		
Furnishing 6" DIP - Sewer Laterals	\$170,900.00		
Installing 6" DIP - Sewer Laterals	\$98,590.00		*Opportunities for Small Businesses due to requirements
Connections to Exisiting Force Mains	\$30,000.00		*Opportunities for Small Businesses due to requirements
Constructing Limerock Base	\$104,672.00		
Constructing Asphalt Paving	\$290,992.00		*Opportunities for Small Businesses due to requirements
Milling & Overlay	\$686,700.00		
Constructing Concrete Driveways	\$370,679.00		*Opportunities for Small Businesses due to requirements
Installing & Repairing Traffic Loops	\$3,200.00		
Furnishing & Installing Flowable Fill	\$71,475.00		
Sidewalk, Curb & Gutter Repairs	\$71,784.80		*Opportunities for Small Businesses due to requirements
Replacing Pavement Markings	\$50,000.00		
Furnishing Traffic Control	\$276,789.00		
<b>BASE TOTAL</b>	<b>\$5,916,919.80</b>	<b>90.91%</b>	
Contingency Allowance (10% of Base Estimate)	\$591,691.98	9.09%	
<b>TOTAL AMOUNT</b>	<b>\$6,508,611.78</b>	<b>100.00%</b>	

Small Business Development Signature: Eric Perez Date: 11/20/2020

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

WASD is recommending **18.00%**

Initial: EP

Date: 11/20/2020