

## SBD - CM Review Form

<b>To:</b>	Project Review & Analysis - Construction		
<b>From:</b>	SBD Engineer - Eric Perez		
<b>Department:</b>	Miami Dade Water & Sewer Department	<b>Contact:</b>	Paul Adams
<b>Date:</b>	1/30/2023	<b>Resubmittal:</b>	

<b>PROJECT NUMBER:</b>	S-985
<b>PROJECT TITLE:</b>	Green Technology Corridor Wastewater Collection, Transmission and Water Distribution System Expansion for S-2 Basin; Phase 2
<b>PROJECT LOCATION:</b>	West side of NW 27th Avenue

<b>SCOPE OF WORK/DESCRIPTION:</b>	The project consists of furnishing all materials, labor, and equipment, including necessary to construct the proposed 2,500 LF of water mains, 5,882 LF of gravity sewers, and 1,379 LF of 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; stub-outs for connections to the future Pump Station; 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 herein. Water mains, gravity sewers, and force mains will be constructed in accordance with MD-WASD Design Standards
<b>LICENSES:</b>	1. At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County, Florida and these Solicitation and Contract Documents, the Bidder must hold a valid, current, and active: Certificate of Competency from the County's Construction Trades Qualifying Board as a General Engineering Contractor or as a Pipeline Engineering Contractor. The Pipeline Engineering Contractor shall subcontract with a qualified contractor any work which is incidental to the pipeline specialty but is specified in the aforementioned Code as being the work of other than that of the Engineering Specialty for which certified or Certification, as a General Contractor or as an Underground Utility and Excavation Contractor, provided by the State of Florida Construction Industry Licensing Board, pursuant to the provisions of Section 489.115, Florida Statutes

**SPECIAL REQUIREMENTS:**In addition to the license requirements, the Bidder must submit proof, along with their bid, that their firm has successfully completed comparable projects meeting the following criteria:

- The Bidder must have a minimum of three (3) years of experience, under its current business name (which can include the experience of key supervisory employees that would man the project), in the construction of roadway/ horizontal projects of similar scope and scale involving public right-of-way construction/ installation/ repair/ replacement of water main distribution systems and/or sanitary sewer main collection systems, and maintenance of vehicular traffic, supported by references for three (3) projects completed within the past five (5) years. Submitted reference Projects must demonstrate that the Bidder served as the Prime Contractor for the referenced Projects provided.
- The Bidder must demonstrate that it has full-time personnel with the necessary experience to perform the Project's Scope of Work. This experience shall include work in successfully completed projects performed by the identified personnel whose bulk of work performed in the public right-of-way is similar in detail to the Project's Scope of Work described in these Solicitation Documents. Demonstrate the experience requirement by:
  - Providing a detailed description of at least three (3) projects similar in detail to the Project's Scope of Work described in these Solicitation Documents and in which the Bidder's identified personnel is currently engaged or has completed within the past five (5) years. List and describe the aforementioned projects and state whether the work was performed for the County, other government clients, or private entities. For each project listed, the pipe installation shall have been completed and accepted by the project owner prior to the bid submittal date. **This Project might be considered a multiple trade project. None of the primary trade related work shall be subcontracted. Only ancillary work required to complete this Project may be subcontracted with prior approval from the Department**

TRADES/SUBTRADES	AMOUNT	COMMENTS
General Contractor/ General Engineering Contractor		
For performing preparatory work and operations in mobilizing for beginning the work of the Project	\$143,405.54	
Restoration of sodded areas	\$4,228.00	*Possible opportunities for Small Businesses
transporting fill and removal of excess backfill material including sheet piles	\$38,460.00	*Possible opportunities for Small Businesses
furnishing traffic control	\$503,009.02	
installing backfill	\$106,500.00	

TRADES/SUBTRADES	AMOUNT		COMMENTS
Pipelines/Underground Utilities			
installation of gate valves	\$28,900.00		
install PVCs for sewer	\$1,828,674.70		
install PVCs for water	\$391,648.40		
installation of ductile iron pie for water main	\$637,100.00		
Civil			
construction of curb and gutter	\$59,919.00		
fire hydrants	\$26,873.00		
concrete manholes	\$354,720.00		
Paving/Roadway			
Concrete Sidewalk restoration	\$23,976.00		*Possible opportunities for Small Businesses
Construction of type I, V pavement repairs	\$939,679.00		

TRADES/SUBTRADES	AMOUNT		COMMENTS
pavement markings	\$59,784.60		
cold milling	\$125,112.00		
Plumbing			
mechanical join plug valve installation for force main	\$6,750.00		*Possible opportunities for Small Businesses
mechanical join plug valve installation for sewage main	\$6,040.00		*Possible opportunities for Small Businesses
air release valve for force main	\$20,000.00		*Possible opportunities for Small Businesses
pipe and fittings for force main	\$82,740.00		*Possible opportunities for Small Businesses
Tapping Specialist			
For tapping services	\$44,752.00		
<b>BASE TOTAL</b>			
	\$5,533,099.26	85.25%	
Contingency Allowance (10% of Base Estimate)	\$553,309.93	8.53%	
Dedicated Allowance			
providing certified Industrial Hygienist	\$30,000.00		
uniform off duty police officers	\$208,000.00		
cost of permitting, fees, inspections, use of EOR	\$165,992.98		
<b>TOTAL AMOUNT</b>			
	\$6,490,402.17	100.00%	

TRADES/SUBTRADES	AMOUNT		COMMENTS
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Small Business Development Signature: Eric Perez Date: 1/31/2023

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

**WASD** is recommending **7.50%**