

**DEPARTMENTAL INPUT**  
**CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

To: Gary T. Hartfield, Division Director  
Internal Services Department  
Small Business Development Division

From: Isaac Smith, Manager  
Construction Contracts Section

Department: Miami-Dade Water and Sewer Department

Contract Title: PROPOSED 16 & 12-INCH SANITARY GRAVITY SEWER  
ALONG SW 200 ST. (CARIBBEAN BLVD.) FROM SW 110 CT. TO SW 114 AVE.

Contract No.: RPQ# P0216

Estimate Amount: \$511,128 [\$464,662 Construction + \$46,466 Contingency]

Funding Source: Wastewater Renewal Fund (ER S049617)

<b>Small Business Enterprise – Construction – 14.28%</b> <b>Analysis for Recommendation (Attached)</b>
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Department Head or Authorized Agent

**DESCRIPTION OF PROJECT:**

The Project, including mobilization and demobilization, consists of furnishing and installing approximately 1,403 linear feet of 16-inch PVC C900 DR25 pipe and fittings for gravity sewer main; 433 linear feet of 12-inch PVC C900 DR25 pipe and fittings for gravity sewer main; six (6) gravity sewer manholes with frames and covers; making core drill connections to two (2) existing gravity sewer manholes for the connection of proposed PVC gravity sewer mains and including rehabilitation of the manholes; making cut-in connections to existing gravity sewer mains; connecting existing and new gravity sewer lines to new manholes; sewer bypass pumping; sheeting and shoring ordered left in place by the Engineer; additional suitable backfill, if needed; furnish all labor, materials, equipment and supplies necessary for cleaning and testing the mains; cutting, dewatering, filling with flowable fill and plugging existing gravity sewer mains; removal of conic sections of five (5) existing gravity sewer manholes, punching holes in the bottoms of the manholes to prevent them from holding water, backfilling and compacting remaining holes; removal of existing asphalt pavement and sidewalk; removal, transport, salvage and legal disposal of demolition material; replacement of traffic loop detection assemblies; traffic control; temporary and permanent replacement of any pavement, driveways, sidewalk, curb and gutter, sod, landscaping, pavers, concrete and pavement markings damaged by the construction of the Project and all other appurtenant and miscellaneous items and work for a complete and fully functional installation.

**QUALIFICATIONS OF BIDDERS:**

1. 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 main water distribution systems and/or main sanitary sewer 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.

2. 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:

- a. 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.

The description must identify for each project:

- 1) The identified personnel and their assigned role and responsibilities for the listed project
- 2) The client name and address including a contact person and phone number for reference
- 3) Description of work
- 4) Total dollar value of the contract
- 5) Contract duration
- 6) Statement or notation of whether Bidder's referenced personnel is/was employed by the prime contractor or subcontractor, and
- 7) For completed projects, provide letters of certification of final acceptance or similar project closure documentation issued by the client and available Contractor's performance evaluations.

3. The County reserves the right to request additional information and/or contact listed persons pertaining to bidder's experience.

**LICENSES:** The types of licenses required are: General Engineering, Underground Utility and Excavation, Pipeline Engineering Contractor, General Engineering Contractor and/or other categories as applicable by Chapter 489 of the Florida Statutes or Chapter 10 of Miami-Dade County Code.

### **COMMUNITY WORKFORCE PROGRAM**

**CWP PARTICIPATION: Not Applicable, Project not in a DTA**

**Analysis for Recommendation**  
**No Measure – Due to non-availability**

Item	Description	Estimated Cost	% of Item to Base Bid	CSBE Availability
1	Mobilization / Demobilization	\$24,000	4.70%	
2	Furnishing PVC C900, DR25 with neoprene gaskets	\$51,824	10.14%	
3	Installing PVC C900 to cut depths up to 14 feet	\$85,918	16.81%	8.40%
4	Reinforced precast manholes	\$45,900	8.98%	4.50%
5	Core drilling for connections	\$23,950	4.69%	
6	Dewatering	\$30,000	5.87%	
7	Permanent Paving (Type I & Type V)	\$100,182	19.60%	
8	Limerock Base	\$15,960	3.12%	
9	Milling 1-inch depth	\$34,740	6.80%	
9	Sidewalk, concrete curb & gutter	\$7,028	1.37%	1.37%
10	Traffic Loop Assemblies	\$5,100	1.00%	
11	Furnishing Traffic Control	\$40,062	7.84%	
	<b>SUB-TOTAL</b>	<b>\$464,662</b>		
	Contingency Allowance	\$46,466	9.09%	
	<b>SBE-TOTAL</b>	<b>\$511,128</b>	100%	14.28%

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**Small Business Enterprise – Goods & Services – 8.0%**

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Department Head or Authorized Agent

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**CONSIDERATIONS FOR ANALYSIS:**

<b>Analysis for Small Business Enterprise – Goods and Services Recommendation</b>				
Item	Goods & Services	Prime Contractor	Sub-Contractor	SBE Availability
1.	<b>GOODS:</b> PVC – C900 Pipe & Fittings Neoprene Gaskets Pre-cast Manholes	X X X	X	X
2.	<b>SERVICES</b> Pipefitting Core Drilling Concrete sidewalk & curb Paving Milling Traffic Loop	X	X X X X X X	X X X