

**DEPARTMENT INPUT**  
**CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION**

Check applicable Ordinance(s): ☒ 90-143 Responsible Wage and Benefits ☐ 03-237 (formerly 03-1) Community Workforce Program

**PROJECT INFORMATION**    See attachment ☒

**Contract/Project/\*Work Order No.: S-946**

\*Reference corresponding project number when submitting a work order

**Contract/Project Title: Two-Year Countywide Contract for Rehabilitation of Sanitary Sewers by the Cured-In-Place Pipe Lining Method with County Option to Renew for an Additional Two Years on a Yearly Basis**

**Description/Scope of Work: See Attached**

**Estimated Cost: 7769999 Funding Source: Other (specify)**

**Location of Project** (street address or beginning and ending points) i.e. 12345 NE 23<sup>rd</sup> Ct or Starts at 135 St. ends at 145 St.  
**Countywide, anywhere throughout Miami-Dade County.**

**PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP)**    See attachment ☒

Engineer/Department or Agency's estimated required workforce for Project ☐ Work Order ☐:

Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job
N/A		
N/A		
N/A		

Comments:The scope of work is for specialized trenchless pipe rehabilitation by the cured-in-place pipe lining method. The work will be accomplished through manholes with no need for excavation. The project is required under the USEPA Consent Decree for required infiltration and inflow effort.

**PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE)**    See attachment ☒

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
<b>Construction</b>	\$0	0%	
<b>G &amp; S</b>	\$0	0%	
	\$	0%	

**RECOMMENDATION**

**Set-Aside:** Level 1 ☐ Level 2 ☐ Level 3 ☐ Trade Set-Aside ☐ Sub-Contractor Goal ☐ Workforce Goal ☐ No Measure ☒

**Basis for Recommendation:**This recommendation is due to no SBE availability for specialized trenchless pipe rehabilitation by the cured-in-place pipe lining method. Also regarding CWP, all work orders will be completed in less than 30 days. Therefore CWP is not applicable.

**Date submitted to DBD:**3/1/2019

**Contact Person:**Isaac Smith

**Telephone No.:**(786)552-8989

**DEPARTMENTAL INPUT  
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

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

From: Isaac Smith, Chief  
Construction Contracts Division

Department: Miami-Dade Water and Sewer Department

Contract Title: Two-Year Countywide Contract for Rehabilitation of Sanitary Sewers by the Cured-In-Place Pipe Lining Method with County Option to Renew for an Additional Two Years on a Yearly Basis

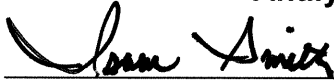
Contract No.: S-946

Estimate Amount: \$7,769,999.60 [\$7,063,636 Construction + \$706,636.60 Contingency]

Funding Source: EW 660, WASD Revenue Bonds Sold

**Small Business Enterprise – Construction: 0% (No availability)**

**Analysis for Recommendation (SEE NEXT PAGE)**



Department Head or Authorized Agent

**DESCRIPTION OF PROJECT:**

The project consists of furnishing all labor, materials and equipment necessary for rehabilitating defects in 8 through 36-inch diameter gravity sanitary sewer pipes and 6-inch diameter service laterals by the cured-in-place pipe lining method under different work orders at different locations anywhere within the limits of Miami-Dade County, Florida, as ordered by WASD during a two year period. It is the intention of the Department to establish a "blanket" type contract with one (1) successful bidder, for a two-year period, to clean and line gravity sanitary sewer pipelines.

This work includes supplementary cleaning of the affected existing gravity sanitary sewers, isolating the reach of sewer to be repaired, inspecting it with closed circuit television (CCTV), then installing a cured-in-place pipe liner and reinspect the repaired reach with CCTV. Repairs in industrial areas will utilize an epoxy vinyl ester resin system and repairs in non-industrial areas a polyester resin system or an epoxy vinyl ester resin system. The work in the sewer shall be accomplished through the manholes, without disturbing the street surface or adjacent property or any utility, except when performing excavated point repairs of sewers.

The unit prices bid will be used for uniform comparison amongst the bidders, and the bids will be evaluated based upon the lowest total amount bid in the Proposal. The Contract will be awarded for an aggregate amount of up to eight million dollars (\$8,000,000) for a 24-month period. The Contract will terminate upon the depletion of the eight million dollars (\$8,000,000), or the expiration of the 24-month period, whichever occurs first.

The Mayor or his designee has the option to renew the contract for up to an additional two years, on a yearly basis, with the same unit prices used in the original contract, with an additional total amount of \$8,00,000. Each renewal option will be for a one year period, and \$4,000,000.

## **QUALIFICATIONS OF BIDDERS:**

Bidder shall have a minimum of five (5) years experience performing pipeline installations and/or pipeline rehabilitation by the cured-in-place pipe lining method.

In the event a new firm is established by executives, supervisors and other senior field staff (key employees) that would have met these minimum experience requirements with a prior firm, the Miami-Dade Water and Sewer Department (WASD) reserves the right to qualify the new firm based on WASD's sole determination and evaluation of the knowledge and prior experience of these key employees employed by the new firm.

Bidders must demonstrate that the firm or its key employees, as described above, have experience performing pipeline repairs by means of the Cured-In-Place Pipe lining method within the company's noted history.

Each bidder must submit proof that his/her firm has been regularly and successfully engaged in the installation of the liner product for a minimum of one (1) year, and has successfully performed an aggregate amount of at least 100,000 linear feet of sanitary sewer repairs of 8 through 36 inches in diameter in sub-aqueous conditions. Further, bidders must submit proof that the liner system submitted must have a documented minimum amount of 500,000 linear feet of any pipe diameter of successful wastewater installation in the United States, for the bid to be acceptable.

These requirements shall be based on projects completed prior to the bid submission date. WASD will confirm the listed experience by calling the owners or representatives.

The Contractor must certify that he has a minimum of two (2) installation crews and equipment in order to complete the work in a timely fashion.

The Types of Licenses required are: State of Florida General Contractor, State of Florida Underground Utility/ Excavation Contractor, Miami-Dade County General Contractor, Miami-Dade County General Engineering Contractor, and Miami-Dade County Pipeline Contractor.

## **COMMUNITY WORKFORCE PROGRAM**

**CWP PARTICIPATION: CWP is Not Applicable to this Project, as each Work Order will be completed in less than 30 days.**

Analysis for CSBE Recommendation				
Recommendation – No Goal				
Item	Sub-Trade	Estimated Cost	% of Item to Base Bid	CSBE Availability
1.	<b>Cured-In-Place Pipe Lining:</b> Rehabilitation of defects in gravity sanitary sewer mains 8 through 36-Inches by the Cured-In-Place Pipe Lining Method	\$ 5,910,036	76.1	
2.	<b>Lateral Connections:</b> Reinstatement and sealing service laterals	\$ 1,011,600	13.0	
3.	<b>BY-Pass Pumping:</b> By-pass pumping of sanitary sewage in existing 8 through 36-Inch gravity ser mains	\$ 92,000	1.2	
4.	<b>Maintenance of Traffic (M.O.T.):</b> For providing sufficient flagmen, signs, barricades and similar items and work for directing traffic and maintaining safety	\$ 50,000	0.6	
	<b>SUB-TOTAL</b>	\$ 7,063,636		
	<b>Contingency (10%)</b>	\$ 706,363.60	9.09	
	<b>TOTAL FOR CSBE (Subtotal &amp; Contingency)</b>	\$ 7,769,999.60	100	
	<b>Total Dedicated Allowances</b>	\$ 230,000.00		
	<b>PROJECT TOTAL ( SAY \$8,000,000)</b>	\$ 7,999,999.60		

**DEPARTMENTAL INPUT  
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

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

From: Isaac Smith, Chief  
Construction Contracts Division

Department: Miami-Dade Water and Sewer Department

Contract Title: Two-Year Countywide Contract for Rehabilitation of Sanitary Sewers by the Cured-In-Place Pipe Lining Method with County Option to Renew for an Additional Two Years on a Yearly Basis


Contract No.: S-946

Estimate Amount: \$7,769,999.60 [\$7,063,636 Construction + \$706,363.60 Contingency]

Funding Source: EW 660, WASD Revenue Bonds Sold

**Small Business Enterprise – Goods & Services: 0% (No availability)**

**Analysis for Recommendation (SEE NEXT PAGE)**



Department Head or Authorized Agent

**DESCRIPTION OF PROJECT:**

The project consists of furnishing all labor, materials and equipment necessary for rehabilitating defects in 8 through 36-inch diameter gravity sanitary sewer pipes and 6-inch diameter service laterals by the cured-in-place pipe lining method under different work orders at different locations anywhere within the limits of Miami-Dade County, Florida, as ordered by WASD during a two year period. It is the intention of the Department to establish a "blanket" type contract with one (1) successful bidder, for a two-year period, to clean and line gravity sanitary sewer pipelines.

**CONSIDERATIONS FOR ANALYSIS:**

1. The project predominantly involves trenchless sewer pipe rehabilitation by the cured-in-place pipe lining method.
2. The work in the sewer shall be accomplished through the manholes, without disturbing the street surface or adjacent property or any utility, except when performing excavated point repairs of sewers.
3. The Department has evaluated the project for possible opportunities for participation in the area of SBE – Goods and Services. However, there are no availability for the specialized work to be performed.

Analysis for Small Business Enterprise – Goods and Services Recommendation				
Item	Goods & Services	Prime Contractor	Sub-Contractor	SBE Availability
1.	<b>GOODS:</b> Pipe Liner Lateral Liner Resin	X X X		
2.	<b>SERVICES</b> Cured-In-Place Pipe Lining Lateral Sealing Lateral Reinstatement	X X X	X X	