

Memorandum



Date: May 10, 2018

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

From: William Diaz
Contract Compliance Specialist II
Miami Dade Water & Sewer

Subject: RPQ P0215 One-Year County Wide Contract for Rehabilitation of Sanitary Sewer by the Cured-in- Place Pipe Lining Method in Wellfield Protection Areas (FY2018 Project B), Pump Station 1 and 2 Wet Well Connections

Miami-Dade Water and Sewer Department (WASD) respectfully request that you review the attached recommendation to allow this project to be bid using the CICC7360 Program.

DESCRIPTION OF PROJECT:

In general, the project consists of furnishing all labor, material, and equipment for rehabilitation of defects in 8 through 36-inch diameter gravity sanitary sewer pipes and 6-inch diameter service laterals using the Cured-in-Place Lining method, including mobilization, sealing lateral connections, reinstatement of service laterals and all other ancillary work, to be performed anywhere within the limits of Miami-Dade County, Florida, as ordered by the Department during a one-year period.

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 re-inspecting 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.

This is a non-exclusive contract, and as such, the Department does not guarantee that the full amount of the Contract will be issued to the Contractor. The actual amount of Work Orders assigned will be the prerogative of the Department in its sole discretion and dependent only upon its needs.

CONSIDERATIONS FOR ANALYSIS:

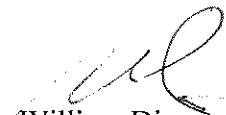
1. The main element of the project includes the rehabilitation of faulty sewers in Wellfield Protection Areas by Cured-in-Place Pipe (GIPP) Lining.
GIPP work is performed by a specialty contractor. There are no local SSE-Construction nor Goods & Service firms that perform this work. Most GIPP work is performed by national companies such as Insituform, Layne Inliner, or other large contractors with

trenchless units, such as Lanzo and Ric-Man. The qualifications for GIPP are recommended by the National Association of Sewer Service Companies (NASSCO) and has been adopted by WASD

2. Due to unavailability WASD has bid other GIP projects via MCC 7360 Plan within the past 2 years (RPO# P0130, P0145, P0168 and P0193). On one occasion, a GIPP project was bid via MCC 7040 Plan, which yielded no bid submittals. Based on the scope and nature of the work, we have concluded that there no opportunities for participation on this project.

CSBE Goal – 0% (No Availability) No Goal.
Community Workforce Program is not applicable to this project.

If you require any additional information, please contact:



William Diaz

Contracts Compliance Specialist 2
Miami-Dade Water & Sewer Department
3071 SW 38 Ave, Suite 107-14, Miami, FL 33146
(786) 552-8084 (Phone) (786) 552-8613 (Fax).

Cc: Isaac Smith

**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: One-Year County-Wide Contract for Rehabilitation of Sanitary Sewers by the
Cured-in-Place Pipe Lining Method in Wellfield Protection Areas (FY2018 Project B)

Contract No.: RPQ# P0215

Estimate Amount: \$2,541,303.00 [\$2,310,275.00 Construction + \$231,028.00 Contingency]

Funding Source: WASD Operating Revenues

**Small Business Enterprise – Construction – “No Measure”
Analysis for Recommendation (Attached)**



Department Head or Authorized Agent

DESCRIPTION OF PROJECT:

The Project consists of furnishing all labor, materials and equipment 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, at various and different locations anywhere within the limits of Miami-Dade County, Florida, as ordered by the Department during a one-year period. The Department is currently responsible for maintaining the gravity sanitary sewers in Miami-Dade County, Florida. It is the intention of the Department to establish a "blanket" type contract with one (1) successful bidder, for a one-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 reinspecting 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.

QUALIFICATIONS OF BIDDERS:

The successful bidder shall submit a schedule of their proposed work, as bid, including information on the experience of the firm, the personnel assigned to the repair work and especially the experience of the crew leaders who will actually run the work in the field, as well as information on all equipment and the type of process that will be used for lining (see questionnaire in the Quotation). 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 Department reserves the right to reject individual crew leaders due to either

inadequate experience, or unsatisfactory or poor performance on the job (in the Department's or the Engineer's opinion). Along with his bid, the Contractor must submit proof that his/her firm has been regularly and successfully engaged in the commercial 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 pipes 8 through 27 inches in diameter in subaqueous conditions.

LICENSES: The types of licenses required are: General Engineering, State of Florida General Contractor, General Builder, 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, each repair will be completed in less than 30 days.

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

Item	Description	Estimated Cost	% of Item to Base Bid	CSBE Availability
1	Cured-in-Place Lining for rehabilitation of defects in 8 through 36-inch diameter gravity sanitary sewer pipes and 6-inch diameter service laterals, including mobilization, sealing lateral connections, reinstatement of service laterals and all other ancillary work.	\$2,214,000	87.12%	
2	By-pass pumping, when authorized by the Engineer	\$71,000	2.80%	
3	For providing Maintenance of Traffic	\$25,000	0.98%	
4	SUB-TOTAL	\$2,310,275		
5	Contingency Allowance	\$231,028	9.09%	
6	SBE-TOTAL	\$2,541,303	100%	

**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

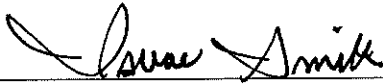
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This is a non-exclusive contract, and as such, the Department does not guarantee that the full amount of the Contract will be issued to the Contractor. The actual amount of Work Orders assigned will be the prerogative of the Department in its sole discretion and dependent only upon its needs.

CONSIDERATIONS FOR ANALYSIS:

1. The main element of the project includes the rehabilitation of faulty sewers in Wellfield Protection Areas by Cured-in-Place Pipe (CIPP) Lining.
2. CIPP work is performed by a specialty contractor. There are no local SBE-Construction nor Goods & Service firms that perform this work. Most CIPP work is performed by national companies such as Insituform, Layne Inliner, or other large contractors with trenchless units, such as Lanzo and Ric-Man. The qualifications for CIPP are recommended by the National Association of Sewer Service Companies (NASSCO) and has been adopted by WASD
3. Due to unavailability WASD has bid other CIP projects via MCC 7360 Plan within the past 2 years (RPQ# P0130, P0145, P0168 and P0193). On one occasion a CIPP project was bid via MCC 7040 Plan, which yielded no bid submittals. Based on the scope and nature of the work, we have concluded that there no opportunities for participation on this project.

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.: P0215

*Reference corresponding project number when submitting a work order

Contract/Project Title: One-Year County-Wide Contract for Rehabilitation of Sanitary Sewers by the Cured-in-Place Pipe Lining Method in Wellfield Protection Areas (FY2018 Project B), RPQ# P0215

Description/Scope of Work: See Attached

Estimated Cost: 2,541,303 Funding Source: Other (specify)

**Location of Project (street address or beginning and ending points) i.e. 12345 NE 23rd Ct or Starts at 135 St. ends at 145 St.
Countywide, 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: _____

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
Construction	\$0	0%	
G & S	\$	0%	
	\$	0%	

RECOMMENDATION

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

Basis for Recommendation: CIPP work is performed by specialty contractors. There are no local SBE-Construction nor Goods & Service firms that perform this work.

Date submitted to DBD: 05/09/18

Contact Person: Isaac Smith

Telephone No.: (786)552-8989