

**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: Two-Year County Contract for Removal and Replacement of Sanitary Sewer Gravity
Mains, With County Option to Renew for an Additional Two Years on a Yearly Basis

Contract No.: S-868R (RESUBMITTAL – 10/16/2015)

Estimate Amount: \$7,002,060 (See breakdown below)

[\$5,824,600 Construction + \$582,460 Contingency + \$595,000 Dedicated Allowance]

Funding Source: WASD Revenue Bonds Sold

SBE - Constr – 23.0 %

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 the removal and replacement of approximately 34,000 linear feet of existing 6-inch through 24-inch diameter gravity sewer mains and laterals on a full reach or point repair basis under different work orders at various locations anywhere within the limits of Miami-Dade County, Florida, as ordered by WASD during a two year period. This is a non-exclusive contract, and as such, WASD may issue similar contracts for this type of work, and therefore 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 WASD in its discretion and dependent only upon its needs.

The work will also include the following: bypass pumping, traffic control, temporary and permanent paving, proper disposal of removed materials and other appurtenant and miscellaneous related items and work for a completed Project. WASD will furnish the PVC C900 and ductile iron pipe and fittings.

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 seven million two thousand sixty dollars (\$7,002,060) for a 24-month period. The Contract will terminate upon the depletion of the seven million two thousand sixty dollars (\$7,002,060), or the expiration of the 24-month period, whichever occurs first.

(Resubmittal – 10/16/2015)

The County 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 \$7,002,060. Each renewal option will be for a one year period, and \$3,501,030.

It is WASD's intent to obtain a complete functional, and satisfactory installation under this project, and any items of labor, equipment or materials which may be reasonably assumed as necessary to accomplish this end shall be supplied whether or not they are specifically shown on the plans or stated in the specifications. The Contractor shall provide all sheeting, shoring, bracing and all other labor, material or equipment required to preclude damage to, or loss of functionality of, any existing facility or system.

Bidder Qualifications:

This is a blanket type contract and will be work order generated.

Bidder shall have a minimum of three (3) years experience performing pipeline installations and capable of furnishing up to three (3) independent work crews.

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 or installation within the company's noted history. These requirements shall be based on projects completed prior to the bid submission date.

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 the Code of Miami-Dade County.

THE WORK IS WORK ORDER DRIVEN THROUGHT THE COUNTY AND CWP WILL NOT ALWAYS APPLY.

Contract: S-868R

Analysis for CSBE Recommendation (Resubmittal)				
Recommendation – 23% SBE-Constr				
Item	Sub-Trade	Estimated Cost	% of Item to Base Bid	CSBE Availability
1.	Removal and replacement of gravity sewer mains & appurtenances	\$ 3,724,850	58.14	
2.	Point Repairs to existing gravity sewer mains	\$ 560,000	8.74	8.74
3.	Removal and replacement of service laterals & connections to service laterals	\$ 581,250	9.07	9.07
4.	Replacement of pavement markings	\$ 53,500	0.84	0.84
5.	Constructing limerock base	\$ 210,000	3.28	3.28
6.	Milling & Asphaltic Paving	\$ 564,500	8.81	
7.	Replacing concrete sidewalk flags, and concrete curb and gutters damaged during construction	\$ 66,500	1.04	1.04
8.	Maintenance of Traffic	\$ 41,000	0.64	
9.	By-pass pumping required to perform repairs	\$ 23,000	0.36	
	SUB-TOTAL	\$ 5,824,600		
	Contingency (10%)	\$ 582,460	9.09	
	TOTAL FOR CSBE (Subtotal & Contingency)	\$ 6,407,082	100.00	22.97% (~23.0%)
	Total Dedicated Allowances	\$ 595,000		
	PROJECT TOTAL	\$ 7,002,060		

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Department: Miami-Dade Water and Sewer Department

Contract Title: Two-Year County Contract for Removal and Replacement of Sanitary Sewer Gravity Mains, With County Option to Renew for an Additional Two Years on a Yearly Basis

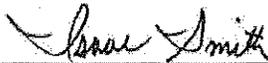
Contract No.: S-868R **(RESUBMITTAL – 10/16/2015)**

Estimate Amount: \$7,002,060 (See breakdown below)

[\$5,824,600 Construction + \$582,460 Contingency + \$595,000 Dedicated Allowance]

Funding Source: WASD Revenue Bonds Sold

Small Business Enterprise – Goods & Services – 2.0%



Department Head or Authorized Agent

SBE-GOODS AND SERVICES:

The Department has evaluated the project for possible opportunities for participation in the area of SBE – Goods and Services. The work consists of the rehabilitation of approximately 34,000 linear feet of existing 6-inch through 24 inch diameter gravity sewer mains, laterals and appurtenances. Based on the scope and nature of the work, we have concluded that are limited opportunities for participation in this project. The possible areas of subcontracting are in the area of Maintenance of Traffic, Pavement Marking, By-Pass Pumping, Milling and Paving. Since WASD will furnish ductile iron pipe and PVC pipe and fittings, our recommendation is in the area of Services for providing concrete sidewalk, curb & gutter replacement and Maintenance of Traffic for the project.

Analysis for Small Business Enterprise – Goods and Services Recommendation				
Item	Goods & Services	Prime Contractor	Sub-Contractor	SBE Availability
1.	GOODS: D.I. & PVC Sewer Pipe & Fittings Limerock Base	X X	All pipe by WASD	
2.	SERVICES Pipeline Construction Pavement Markings Milling & Paving Testing & Compaction By-Pass Pumping Maintenance of Traffic Concrete Sidewalk & Curb	X X X	 X X X X	

DESCRIPTION OF PROJECT:

This project is one in a series of projects that are being processed under Section 2-8.1.12 of the Code, entitled Miami-Dade Water and Sewer Department Consent Decree and Capital Improvement Programs Accelerate Ordinance.

The project consists of furnishing all labor, materials and equipment necessary the removal and replacement of approximately 34,000 linear feet of existing 6-inch through 24-inch diameter gravity sewer mains and laterals on a full reach or point repair basis under different work orders at various locations anywhere within the limits of Miami-Dade County, Florida, as ordered by WASD during a two year period. This is a non-exclusive contract, and as such, WASD may issue similar contracts for this type of work, and therefore 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 WASD in its discretion and dependent only upon its needs.

The work will also include the following: bypass pumping, traffic control, temporary and permanent paving, proper disposal of removed materials and other appurtenant and miscellaneous related items and work for a completed Project. WASD will furnish the PVC C900 and ductile iron pipe and fittings.

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Contract No.: S-868

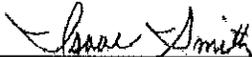
Estimate Amount: \$6,517,350 (See breakdown below)

[\$5,338,500 Construction + \$533,850 Contingency + \$645,000 Dedicated Allowance]

Funding Source: WASD Revenue Bonds Sold

CSBE GOAL – 17.1%

Analysis for Recommendation (SEE NEXT PAGE)



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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 six million five hundred seventeen thousand three hundred fifty dollars (\$6,517,350.00) for a 24-month period. The Contract will terminate upon the depletion of the six million five hundred seventeen thousand three hundred fifty dollars (\$6,517,350.00), or the expiration of the 24-month period, whichever occurs first.

The County 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 \$6,517,350. Each renewal option will be for a one year period, and \$3,258,675.

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Analysis for CSBE Recommendation (Resubmittal)				
Recommendation – No Goal				
Item	Sub-Trade	Estimated Cost	% of Item to Base Bid	CSBE Availability
1.	Removal and replacement of gravity sewer mains & sewer laterals	\$ 4,249,000	72.4	
2.	Removal and replacement of service laterals & shallow sewer mains	\$ 740,000	12.6	12.6
3.	Replacement of pavement markings	\$ 53,500	0.9	0.9
4.	Constructing paving repairs	\$ 186,500	3.2	2.8
5.	Replacing concrete sidewalk, curb, gutter and driveways damaged during construction	\$ 45,500	0.8	0.8
6.	Maintenance of Traffic	\$ 41,000	0.7	
7.	By-pass pumping required to perform repairs	\$ 23,000	0.4	
	SUB-TOTAL	\$ 5,338,500		
	Contingency (10%)	\$ 533,850	9.1	
	TOTAL FOR CSBE (Subtotal & Contingency)	\$ 5,872,350	100	17.1% (CSBE)
	Total Dedicated Allowances	\$ 645,000		
	PROJECT TOTAL	\$ 6,517,350		