

**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-868 **(RESUBMITTAL – 7/11/2014)**

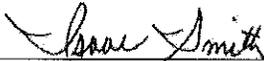
Estimate Amount: \$6,517,350 (See breakdown below)

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

Funding Source: WASD Revenue Bonds Sold

**CSBE GOAL – 27.0 %**

**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 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.

(Resubmittal – 7/11/2014)

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.

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 THROUGHOUT THE COUNTY AND CWP WILL NOT ALWAYS APPLY.**

<b>Analysis for CSBE Recommendation (Resubmittal)</b>				
<b>Recommendation – No Goal</b>				
<b>Item</b>	<b>Sub-Trade</b>	<b>Estimated Cost</b>	<b>% of Item to Base Bid</b>	<b>CSBE Availability</b>
1. (a)	Removal and replacement of gravity sewer mains & sewer laterals	\$ 3,691,500	62.9	
1. (b)	Removal and replacement of gravity sewer mains (Shallow Depths)	\$ 557,500	9.5	<b>9.5</b>
2.	Removal and replacement of service laterals & shallow sewer mains (Point Repairs)	\$ 740,000	12.6	<b>12.6</b>
3.	Replacement of pavement markings	\$ 53,500	0.9	<b>0.9</b>
4.	Constructing paving repairs	\$ 186,500	3.2	<b>3.2</b>
5.	Replacing concrete sidewalk, curb, gutter and driveways damaged during construction	\$ 45,500	0.8	<b>0.8</b>
6.	Maintenance of Traffic	\$ 41,000	0.7	
7.	By-pass pumping required to perform repairs	\$ 23,000	0.4	
	<b>SUB-TOTAL</b>	<b>\$ 5,338,500</b>		
	<b>Contingency (10%)</b>	<b>\$ 533,850</b>	<b>9.1</b>	
	<b>TOTAL FOR CSBE (Subtotal &amp; Contingency)</b>	<b>\$ 5,872,350</b>	<b>100</b>	<b>27.0% (CSBE)</b>
	<b>Total Dedicated Allowances</b>	<b>\$ 645,000</b>		
	<b>PROJECT TOTAL</b>	<b>\$ 6,517,350</b>		

**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-868 (Resubmittal)

\*Reference corresponding project number when submitting a work order

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

**Description/Scope of Work:** 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.

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.

Estimated Cost: 6517350 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.  
Various Locations in 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:Funding Source WASD Revenue Bonds Sold

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

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
0	\$	0%	
0	\$	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:** Availability among CSBE subcontractors.

**Date submitted to DBD:** 06/25/2014 , Resubmitted 07/11/2014

**Contact Person:** Isaac Smith

**Telephone No.:** 786-268-5196

## SBD – CM REVIEW FORM

<b>To:</b> Business Opportunity Support Division – Construction	
<b>From:</b> SBD CM Vivian Forhat-Diaz	
<b>Department:</b> WASD	<b>Contact:</b> Isaac Smith
<b>Date:</b> 07/11/14	<b>RESUBMITTAL:</b> No

<b>PROJECT NUMBER:</b>	S-868
<b>PROJECT TITLE:</b>	Two Year Countywide Contract for Removal and Replacement of Sanitary Sewer Gravity Mains
<b>PROJECT LOCATION:</b>	Various Locations County wide

**SCOPE OF WORK/DESCRIPTION:** Furnishing all labor, materials and equipment necessary for the removal and replacement of approx. 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. The work will also include the following: bypass pumping, traffic control, temporary and permanent paving, and miscellaneous related items and work for a completed Project. WASD will furnish the PVC C900 and ductile iron pipe and fittings.

**SPECIAL REQUIREMENTS:** Contractors must possess a General Engineering License, State of Florida Underground Utility, Pipeline and/or other applicable categories and shall have a minimum of three (3) years' experience performing pipeline installations and capable of furnishing up to three (3) independent work crews.

TRADES/SUBTRADES	AMOUNT	COMMENTS
<b>PRIME</b>		
Maintenance of Traffic	\$41,000.00	Must meet special requirements. Primary scope of work includes all line items noted. No ancillary work that can be sub-contracted.
By-pass pumping required to perform repairs	\$23,000.00	
Removal and replacement of gravity sewer mains & sewer laterals	\$3,691,500.00	
<b>PAVING CONTRACTOR</b>		
Replacement of pavement markings	\$53,500.00	*Possible Subcontracting opportunities
Constructing paving repairs	\$186,500.00	
<b>CONCRETE CONTRACTOR</b>		
Replacing concrete sidewalk, curb, gutter and driveways damaged during construction	\$45,500.00	*Possible Subcontracting opportunities
<b>PLUMBING CONTRACTOR</b>		
Removal and replacement of gravity sewer mains (Shallow Depth)	\$557,500.00	*Possible Subcontracting opportunities
Removal and replacement of service laterals & shallow sewer mains (Point Repairs)	\$740,000.00	

Small Business Development Signature: *Vivian Forhat-Diaz* Date: 07/13/14

**\*Trades/Subtrades identified for possible subcontracting opportunities by SBD CM**  
**WASD is recommending 27.0% goal for CSBE participation.**

**PROJECT NUMBER: S-868 (Continuation)**

TRADES/SUBTRADES	AMOUNT	COMMENTS
BASE SUB-TOTAL	\$5,338,500.00	
Contingency (10% Base)	\$533,850.00	
TOTAL ESTIMATED COST	\$5,872,350.00	

**WASD** is recommending **27.0%** goal for **CSBE** participation.