



## Small Business Development Division Project Worksheet

**Project/Contract Title:** DESIGN-BUILD SERVICES FOR THE REPLACEMENT OF WATER MAINS AND SERVICE CONVERSIONS IN THE SHENANDOAH AREA (PHASE B) SIC 871

**Received Date:** 12/05/2013

**Project/Contract No:** DB13-WASD-04 (DESIGN)

**Funding Source:**

**Department:** WATER & SEWER DEPARTMENT

MULTIPLE

**Resubmittal Date(s):**

**Estimated Cost of Project/Bid:** \$1,339,307.00

**Description of Project/Bid:** To establish a design-build project where the scope of services shall include, but is not be limited to, surveying, geotechnical investigations, engineering, design, permitting, technical specifications, construction, testing and commissioning services, customer contact, negotiation and agreement execution for the implementation of new 8-inch water mains. The project consists of the replacement of the existing undersized and deteriorated water mains in order to improve system pressure and provide fire flow protection, and for water service conversions (transfer of services from the rear to the front of properties) in the Shenandoah Area (Phase B) in the City of Miami.

### Contract Measures Recommendation

<u>Measure</u>	<u>Program</u>	<u>Goal Percent</u>
Goal	CBE	26.00%

### Reasons for Recommendation

This project meets all the criteria set forth in Implementing Order #3-32, Section V.

Funding Sources: Water Renewal and Replacement Fund, Future WASD Revenue Bonds, WASD 2013 Revenue Bonds and WASD Revenue Bonds Sold.

A Tier 2 CBE Set-Aside was considered during the analysis; however, insufficient responses from CBE firms as the "Lead Designer" precluded such attempts. WASD recommended a 20% CBE Goal; final recommendation concurred to, was a 26% CBE Goal.

SIC 871 - Architectural and Engineering Services

Technical Category: 0304-Highway Systems-Traffic Engineering Studies; 0601-W & S Sewer Sys-Water Dist & Sanitary Sewage Coll; 0902-Geotechnical & Materials Engineering Services; 1005-Environmental Eng-Contamination Assess & Monitor; 1200-General Mechanical Engineering; 1501-Surveying And Mapping-Land Surveying; 1503-Underground Utility Location; 1600-General Civil Engineering; 1700-Engineering Construction Management

### Small Business Contract Measure Recommendation

<u>Subtrade</u>	<u>Cat.</u>	<u>Estimated Value</u>	<u>% of Items to Base Bid</u>	<u>Availability</u>
GENERAL MECHANICAL ENGINEERING	CBE	\$133,930.70	10.00%	10
ENGINEERING CONSTRUCTION MANAGEMENT	CBE	\$107,144.56	8.00%	25
SURVEYING AND MAPPING-LAND SURVEYING	CBE	\$107,144.56	8.00%	8
<b>Total</b>		\$348,219.82	26.00%	

**Living Wages:** YES  NO  **Highway:** YES  NO  **Heavy Construction:** YES  NO   
**Responsible Wages:** YES  NO  **Building:** YES  NO

*Responsible Wages and Benefits applies to all construction projects over \$100,000 that do not utilize federal fund. For federally funded projects, unless prohibited by federal or state law or disallowed by a governmental funding source, the HIGHER wage between Davis Bacon and Responsible Wages and Benefits shall apply.*



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**Department:** WATER & SEWER DEPARTMENT

**Estimated Cost of Project/Bid:** \$1,339,307.00

**Received Date:** 12/05/2013

**Funding Source:**  
MULTIPLE

**Resubmittal Date(s):**

### REVIEW RECOMMENDATION

Tier 1 Set Aside		Tier 2 Set Aside	
Set Aside	Level 1	Level 2	Level 3
Trade Set Aside (MCC)	Goal	Bid Preference	
No Measure	Deferred	Selection Factor	
CWP	 SBD Director		1/14/14 Date



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**Received Date:** 12/05/2013

**Project/Contract No:** DB13-WASD-04 (BUILD)  
**Department:** WATER & SEWER DEPARTMENT

**Funding Source:** MULTIPLE

**Resubmittal Date(s):**

**Estimated Cost of Project/Bid:** \$9,067,018.00

**Description of Project/Bid:** To establish a design-build project where the scope of services shall include, but is not be limited to, surveying, geotechnical investigations, engineering, design, permitting, technical specifications, construction, testing and commissioning services, customer contact, negotiation and agreement execution for the implementation of new 8-inch water mains. The project consists of the replacement of the existing undersized and deteriorated water mains in order to improve system pressure and provide fire flow protection, and for water service conversions (transfer of services from the rear to the front of properties) in the Shenandoah Area (Phase B) in the City of Miami.

### Contract Measures Recommendation

<u>Measure</u>	<u>Program</u>	<u>Goal Percent</u>
Goal	CSBE	20.00%
Workforce Goal	CWP	12.40%

### Reasons for Recommendation

An analysis of the factors contained in Section VI C of Implementing Order #3-22 indicate that a 20% CSBE Subcontractor Goal is appropriate in the following: Highway, Street, And Bridge Construction & Water and Sewer Line and Related Structures Construction).

Funding Sources: Water Renewal and Replacement Fund, Future WASD Revenue Bonds, WASD 2013 Revenue Bonds and WASD Revenue Bonds Sold

CWP Estimated Workforce: 9 CWP Workforce Recommendation: 1

CWP Designated Target Areas: Enterprise Zones

Trade Category: 237110-Water And Sewer Line And Related Structures Construction; 237310-Highway, Street, And Bridge Construction; 237990-Other Heavy And Civil Engineering Construction

### Small Business Contract Measure Recommendation

<u>Subtrade</u>	<u>Cat.</u>	<u>Estimated Value</u>	<u>% of Items to Base Bid</u>	<u>Availability</u>
Highway, Street, and Bridge Construction	CSBE	\$1,088,042.16	12.00%	90
Water and Sewer Line and Related Structures Construction	CSBE	\$725,361.44	8.00%	380
<b>Total</b>		\$1,813,403.60	20.00%	

**Living Wages:** YES  NO  **Highway:** YES  NO  **Heavy Construction:** YES  NO

**Responsible Wages:** YES  NO  **Building:** YES  NO

*Responsible Wages and Benefits applies to all construction projects over \$100,000 that do not utilize federal fund. For federally funded projects, unless prohibited by federal or state law or disallowed by a governmental funding source, the HIGHER wage between Davis Bacon and Responsible Wages and Benefits shall apply.*



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REVIEW RECOMMENDATION
Tier 1 Set Aside
Tier 2 Set Aside
Set Aside Level 1 Level 2 Level 3
Trade Set Aside (MCC) Goal Bid Preference
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CWP
SBD Director
Date 1/14/14