

Memorandum



Date: March 21, 2014

To: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

From: Carlos A. Gimenez
Mayor 

Subject: Advertisement for Design-Build Services for Replacement of Water Mains and Service Conversions in the Shenandoah Area (Phase A) Project No. DB13-WASD-03 and Design-Build Services for Replacement of Water Mains and Service Conversions in the Shenandoah Area (Phase B) Project No. DB13-WASD-04

As you know, I have committed to the Board that I will present for your consideration contracts for the design and construction of significant water and sewer projects to ensure complete transparency in the selection and bid award process. The subject projects have been reviewed by the Small Business Development Division (SBD) of Internal Services Department (ISD) for Community Business Enterprise and Community Services Business Enterprise goal recommendations. In addition, the draft solicitations have been timely and properly posted on ISD's webpage at <http://www.miamidade.gov/procurement/solicitations.asp> and SBD's webpage at <http://www.miamidade.gov/business/contracting-opportunities-architecture-engineering.asp> for industry review and comment prior to advertisement. In addition, a monthly report on the status of the water and sewer infrastructure projects is sent to the Infrastructure and Capital Improvement Committee.

Both design-build projects consist of replacing existing undersized and deteriorated water mains to improve system pressure and to provide fire flow protection by transferring water services from the rear of the property to the front of property in the Shenandoah Area, in the City of Miami. The total project cost for Project No. DB13-WASD-03 Phase A is \$11,135,274.46 and DB13-WASD-04 Phase B is \$11,485,579.76. The term for each design-build contract is 910 calendar days. Neither project is related to the County's Consent Decree.

The Request to Advertise documents for the above referenced projects are also attached for your information. Once the proposals are reviewed and evaluated, a recommendation for award will be presented to the Board for consideration in a timely manner.

I appreciate your support and cooperation as we proceed to address these water infrastructure issues.

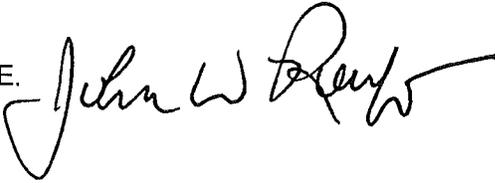
If you have any questions, please feel free to contact me directly at 305-375-1880.

Attachments

c: R.A. Cuevas Jr., County Attorney
Alina T. Hudak, Deputy Mayor and Interim Director of Public Works and Waste Management
Lester Sola, Director, Internal Services Department
John W. Renfrow, Director, Water and Sewer Department

Date: February 20, 2014

To: Carlos A. Gimenez
County Mayor

From: John W. Renfrow, P.E.
Director
Water and Sewer 

Subject: Request to Advertise for Design-Build Services for Replacement of Water Mains and Service Conversions in the Shenandoah Area (Phase A)
Project No. DB13-WASD-03

Recommendation

This request to advertise for a Design Build contract has been prepared by the Water and Sewer Department and is recommended for approval pursuant to Sections 2-8.1 of the Code of Miami-Dade County.

Scope

PROJECT NAME: Design-Build Services for Replacement of Water Mains and Service Conversions in the Shenandoah Area (Phase A)

PROJECT NO: DB13-WASD-03

CONTRACT NO: DB13-WASD-03

PROJECT DESCRIPTION: The scope of services shall include, but is not be limited to, surveying, geotechnical investigations, engineering, design, technical specifications, permitting, construction, testing and commissioning services, customer contact, negotiation and agreement execution for the implementation of new 8-inch water mains and for the service conversion. 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 A) of the City of Miami. The Project includes the following main elements:

Approximately 38,900 linear feet of 8-inch and 1,100 linear feet of 6-inch ductile iron water main pipe and fittings to include, but not be limited to the following: all required resilient seated gate valves; all required fire hydrant assemblies with guard posts; approximately 1,160 water services; 761 water service conversions from rear of property to front of property to include all required piping, fittings and accessories, testing and

restoration within private property including providing safety and protection of homeowner's property; tapping connections of various sizes to existing mains including tapping sleeves and valves; in-line water main connections to existing mains of various sizes; air release valve and flushing valve outlet assemblies; polyethylene encasement for ductile iron pipe and fittings, if ordered by the engineer; sheeting and shoring ordered left in place by the engineer; additional suitable backfill, if needed; furnish all materials, equipment and supplies necessary for cleaning, testing and disinfecting the mains; removal of existing asphalt pavement and sod; milling and resurfacing of existing asphalt pavement; removal, transport, salvage and legal disposal of demolition material; placing existing water mains out of service upon completion of work; traffic control; installation and restoration of pedestrian curb ramps and installation of detectable warning surfaces, temporary and permanent replacement of any utilities, pavement, sidewalk, curb & gutter, valley gutter, traffic circle roundabout, tree, landscaping, sod, pavement markings, and/or driveway damaged by construction and all other appurtenant and miscellaneous items and work for a complete and fully functional installation.

The Design-Builder shall design and construct all ancillary piping, tapping, temporary bypass, and tie-in connections to facilitate successful construction and commissioning the new 8-inch water mains without any interruption of service to the existing Miami-Dade Water and Sewer customers. The design and construction services rendered by the Design-Builder shall result in a complete, functional, and operable piping project with a minimum 80 year design life.

In addition, the Design-Builder must comply with the "Buy American Requirements" listed below:

Application of Buy American requirements to fiscal year 2014 Clean Water State Revolving Fund and Drinking Water State Revolving Fund Assistance agreements.

The Buy American requirement has been added to the already existing Clean Water State Revolving Fund and Drinking Water State Revolving Fund programs. All agreements financed by these programs, and executed on or after January 17, 2014 (date of enactment of House Resolution 3547) must include the terms of the Buy American requirement. In addition to the information provided below, which does not provide guidance on how to meet the Buy American requirements or the waiver process, the U.S. Environmental Protection Agency will be providing guidance for this requirement soon.

House Resolution 3547 includes the following language in Division G, Title IV, under the heading, "Use of American Iron and Steel:"

"Sec. 436. (a)(1) None of the funds made available by a State water pollution control revolving fund as authorized by title VI of the Federal Water Pollution Control Act (33 U.S.C. 1381 et seq.) or made available by a drinking water treatment revolving loan fund as authorized by section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j-12) shall be used for a project for the construction, alteration, maintenance, or repair of a public

water system or treatment works unless all of the iron and steel products used in the project are produced in the United States.

(2) In this section, the term "iron and steel products" means the following products made primarily of iron or steel: lined or unlined pipes and fittings, manhole covers and other municipal castings, hydrants, tanks, flanges, pipe clamps and restraints, valves, structural steel, reinforced precast concrete, and construction materials.

(b) Subsection (a) shall not apply in any case or category of cases in which the Administrator of the Environmental Protection Agency (in this section referred to as the "Administrator") finds that -

- 1) Applying subsection (a) would be inconsistent with the public interest;
- 2) Iron and steel products are not produced in the United States in sufficient and reasonably available quantities and of a satisfactory quality; or
- 3) Inclusion of iron and steel products produced in the United States will increase the cost of the overall project by more than 25 percent."

PROJECT LOCATION: The project location is in the area bounded by S.W. 17 Ave., S.W. 27 Ave., S.W. 8 St. and S.W. 16 St.

PRIMARY COMMISSION DISTRICT: District 5 Bruno A. Barreiro

APPROVAL PATH: Mayor's Authority

ISD A&E PROJECT NUMBER: DB13-WASD-03

USING DEPARTMENT: Water and Sewer

MANAGING DEPARTMENT: Water and Sewer

Fiscal Impact / Funding Source

FUNDING SOURCE: Water Renewal and Replacement Fund
Future WASD Revenue Bonds
WASD 2013 Revenue Bonds
WASD Revenue Bonds Sold

PTP FUNDING: No

GOB FUNDING: No

ARRA FUNDING: No

CAPITAL BUDGET PROJECT:

CAPITAL BUDGET PROJECT # - DESCRIPTION

RTA ESTIMATE

9653311- WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

\$11,135,274.46

Book Page:136 Adopted Capital Book for Fiscal Year 2013-2019 Funding Year: Fiscal Year: 2013-2019

PROJECT TECHNICAL CERTIFICATION REQUIREMENTS:

TYPE CODE DESCRIPTION

- Prime 6.01 WATER AND SANITARY SEWER SYSTEMS - WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS
- Prime 15.01 SURVEYING AND MAPPING - LAND SURVEYING
- Prime 15.03 UNDERGROUND UTILITY LOCATION
- Prime 16.00 GENERAL CIVIL ENGINEERING
- Other 3.04 HIGHWAY SYSTEMS - TRAFFIC ENGINEERING STUDIES
- Other 9.02 SOILS, FOUNDATIONS AND MATERIALS TESTING - GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES
- Other 10.05 ENVIRONMENTAL ENGINEERING - CONTAMINATION ASSESSMENT AND MONITORING
- Other 12.00 GENERAL MECHANICAL ENGINEERING
- Other 17.00 ENGINEERING CONSTRUCTION MANAGEMENT

TOTAL ESTIMATED CONTRACT PERIOD:

910 Calendar Days. Excludes Warranty Administration Period.

**ESTIMATED
CONTINGENCY
PERIOD:** 91 Calendar Days.

**IG FEE INCLUDED
IN BASE
CONTRACT:** Yes

**ART IN PUBLIC
PLACES:** No

BASE ESTIMATE:
\$9,523,167.74 \$8,342,750.00 estimated construction costs
\$1,180,417.74 estimated engineering costs

CONTINGENCY ALLOWANCE (SECTION 2-8.1 MIAMI DADE COUNTY CODE):	TYPE	PERCENT	AMOUNT	COMMENT
	Design	10%	\$535,179.25	Contingency allowance fees in accordance with Ordinance 00-65 is 5% of the total estimated construction cost (\$8,342,750.00) = \$417,137.48 and 10% of the estimated engineering cost of (\$1,180,417.74) = \$118,041.77
	Build	5%		

PERMIT FEES: \$250,282.49 3.00% Based on the total construction costs.

**INSTALLATION OF
ELECTRICAL
GROUNDING FOR
WATER SERVICE
RELOCATIONS :** \$190,000.00

**REMOVAL AND
REMEDICATION OF
CONTAMINATED
FILL MATERIAL :** \$41,713.75

**OFF-DUTY POLICE
OFFICER AS
REQUIRED FOR
THE PROJECT :** \$136,080.00

**INSTALLATION
OF SUB-
METERS :** \$41,713.75

**QUALIFY
ADJUSTMENTS :** \$417,137.48

**TOTAL DEDICATED
ALLOWANCE:** \$1,076,927.47

COST ESTIMATE: \$11,135,274.46

Track Record / Monitor

EXPLANATION: N/A - This information will be provided upon contract award recommendation.

**MINIMUM
QUALIFICATIONS
EXCEED LEGAL
REQUIREMENTS:**

Yes Proposed Design-Builder shall demonstrate its project team experience by presenting the qualifications and capabilities of each Design-Build Team member firm, for projects completed within the last five (5) years, including projects that may be at least fifty percent (50%) complete prior to the required submittal date of this Request Design-Build Services Step 1 solicitation, that demonstrate related minimum project experience as indicated below:

Lead Constructors:

The construction firm performing the water main installation work must have minimum five (5) years total industry experience from the date of this solicitation. It also must have constructed at least five (5) water main projects of similar size and complexity in an urban environment consisting of a minimum of 50,000 total linear feet of installation and minimum 8-inch nominal diameter of such water main installation is required.

Experience of Lead Constructors and Pipe Installation Crews must submit history of past performance completing projects on schedule and to the satisfaction of the facility owner.

Lead Designers:

- a) The Lead Designer firm performing the design of the water main installation must have minimum five (5) years total industry experience from the date of this solicitation. It also must have designed at least five (5) water main installation projects in an urban environment consisting of a minimum of 10,000 total linear feet of minimum 8-inch nominal diameter.
- b) Lead Designer providing services under A/E technical certification categories 6.01, and 16.00 must demonstrate to have designed at least five (5) projects that were completed within the last ten (10) years from the date of this solicitation that involved water and sewer main installation.

Subconsultants to the Design-Builder or Lead Designer must demonstrate to have designed at least three (3) projects that were completed within the last ten (10) years from the date of the solicitation that involved the main project element for which the Subconsultant is being proposed.

Additional Preferred Project Experience and Past Performance:

The Design-Builder teams may receive higher qualification scores from the Competitive Selection Committee (CSC) if their submitted project experience and past performance can demonstrate any of the following listed below:

- a) Listed projects are of a similar or greater size and level of complexity.
- b) Any listed projects of the proposed Design-Builder entity were designed and constructed through Design-Build project delivery.
- c) The Lead Constructor and Lead Designer have worked together on previous projects, especially on Design-Build projects.
- d) Key personnel, most significantly the proposed Project Manager, Design Manager and Construction Manager, that have served on the Projects listed and their client reference can validate that performance.

Design-Build Team Key Personnel Experience and Qualifications:

A) Minimum industry and position experience of Design-Build team Key Personnel are as follows:

- 1. Minimum ten (10) years total industry experience of which five (5) years in a similarly responsible position for each of the following Key Personnel:
 - a) Design-Build Project Manager
 - b) Lead Designer- Design Manager
 - c) Lead Constructor – Construction Manager
 - d) Lead Civil Engineer
 - e) Pipe Installation Superintendent
- 2. Key Personnel must demonstrate experience with the type of work to be performed.
 - a) Proposers shall identify, in their Statement of Qualifications, those State of Florida registered Professional Engineers who will sign and seal construction plans and specifications.
 - b) Key Personnel resumes shall indicate the individual's current firm association, their professional qualifications, a client reference with contact information, and their role and duration on each project for which they are being credited the related experience.

B) Additional Preferred Experience and Past Performance:

- a) Experience in a significant role on a Design-Build project, especially in a similar role as proposed for this Project.
- b) Superior references with regard to meeting cost, schedule, and quality objectives on previous projects, and maintaining a positive client relationship.

Design-Builder Safety Record - Past Performance:

- a) Minimum past performance as reflected by a three (3) year average for the last three (3) previous full years (from the date of the solicitation) of the Experience Modification Rate (EMR) for the Design-Builder shall not exceed 1.40 for each firm.
- b) Design-Builders shall provide EMR data for the previous three (3) full calendar years (2011, 2012 and 2013) on a

firm-wide basis shall be documented by a signed letter with contact information from the firm's insurance carrier, or the insurance carrier's agency representative. Higher qualifications score shall be provided by the CSC for a Design-Builder demonstrating an average EMR lower than other competing Design-Builder firms. Design-Builder shall also provide their OSHA forms 300 and 300A for the last three (3) full calendar years indicating OSHA submitted accident data for evaluation by the CSC as to their frequency and severity.

Ability of Design-Builder and Team to interface with the County. Design-Builder Proposer will provide a narrative of not more than three (3) single side 8.5 x 11-inch pages, in not less than Arial 11 point font and 3/4-inch margins, that explains how the Design-Builder and team members can efficiently interface with the County and WASD in a timely and effective manner with respect to items such as regular and emergency communications, submittals, meeting attendance, commercial issues and other project related activities.

REVIEW COMMITTEE: **MEETING DATE:** 12/5/2013 **SIGNOFF DATE:** 1/14/2014

APPLICABLE WAGES: Yes
(RESOLUTION No. R-54-10)

REVIEW COMMITTEE ASSIGNED CONTRACT MEASURES:	<u>TYPE</u> <u>GOAL</u> <u>COMMENT</u>
	CSBE 20.00% Administrative Order 3-22
	CBE 26.00% Administrative Order 3-32
	DBE 0.00% Not Applicable
	CWP 12.40% Designated Target Areas: Enterprise Zones

MANDATORY CLEARING HOUSE: Yes

CONTRACT MANAGER NAME /PHONE / EMAIL: Patty David 786-552-8040 pattyd@miamidade.gov

PROJECT MANAGER NAME /PHONE / EMAIL: Elvira Amenta 786-268-5284 eament@miamidade.gov

Background

BACKGROUND: Reduction of water losses in the water main systems is an important goal in the County's water conservation effort and identified as a major component of the permit requirements in the 20-Year Water Use Permit issued to the County by the South Florida Water Management District.

The objective of this project is to replace old, corroded, undersized water mains with new mains that will provide adequate hydraulic capacity for fire flows and pressures. Also, the project will eliminate the existing dual water main feed systems as the existing rear services will be transferred to the front of the properties to facilitate access to meter reading and service connections.

DEPARTMENT SELECTION COMMITTEE RECOMMENDATIONS:

<u>COMMITTEE MEMBER & TITLE</u>	<u>YEAR HIRED</u>	<u>GENDER / ETHNICITY</u>	<u>EDUCATION</u>	<u>PROFESSIONAL LICENSES</u>
Peter Jelonek, Professional Engineer (Alternate Member)	1996	Male/Caucasian	Masters in Environmental Engineer	Professional Engineer
Brian Trujillo, Professional Engineer (Committee Member)	1993	Male/Hispanic	Bachelors in Science in Civil Engineering	Professional Engineer, General Contractor

DEPARTMENT FINANCE: 
DEPT. FINANCE OFFICER DATE

BUDGET APPROVAL FUNDS AVAILABLE:  2/26/12
OMB DIRECTOR DATE


MAYOR DATE

CLERK DATE _____ DATE

FY 2013 - 14 Proposed Budget and Multi-Year Capital Plan

WASTEWATER TREATMENT PLANTS REPLACEMENT AND RENOVATION

PROJECT #: 9653261

DESCRIPTION: Renovate and replace wastewater treatment plant facilities and structures within plant sites

LOCATION: Systemwide
Various Sites

District Located:
District(s) Served:

Systemwide
Systemwide

REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Wastewater Renewal Fund	14,760	12,601	6,000	7,000	7,000	7,000	7,000	0	61,361
Future WASD Revenue Bonds	0	0	4,289	4,288	4,289	4,289	5,434	0	22,589
WASD 2013 Revenue Bond	3,680	0	0	0	0	0	0	0	3,680
WASD Revenue Bonds Sold	637	0	0	0	0	0	0	0	637
WASD Future Funding	0	0	0	0	0	0	0	5,165	5,165
TOTAL REVENUES:	19,077	12,601	10,289	11,288	11,289	11,289	12,434	5,165	93,432
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	2,067	3,048	1,693	1,831	1,831	1,831	2,017	838	15,156
Construction	10,678	15,741	8,741	9,457	9,458	9,457	10,417	4,327	78,276
TOTAL EXPENDITURES:	12,745	18,789	10,434	11,288	11,289	11,288	12,434	5,165	93,432

SANITARY SEWER SYSTEM EXTENSION

PROJECT #: 9653281

DESCRIPTION: Extend sewer system lines to include the existing sanitary sewer needs assessment

LOCATION: Systemwide
Various Sites

District Located:
District(s) Served:

Systemwide
Systemwide

REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Wastewater Renewal Fund	17,954	100	0	0	0	0	0	0	18,054
Future WASD Revenue Bonds	0	0	1,835	2,113	2,113	2,113	4,113	392,038	404,325
WASD 2013 Revenue Bond	4,818	0	0	0	0	0	0	0	4,818
WASD Revenue Bonds Sold	2,447	0	0	0	0	0	0	0	2,447
TOTAL REVENUES:	25,219	100	1,835	2,113	2,113	2,113	4,113	392,038	429,644
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	2,199	530	198	228	228	228	443	42,261	46,315
Construction	18,202	4,388	1,637	1,885	1,885	1,886	3,669	349,777	383,329
TOTAL EXPENDITURES:	20,401	4,918	1,835	2,113	2,113	2,114	4,112	392,038	429,644

WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

PROJECT #: 9653311

DESCRIPTION: Install various water mains throughout the distribution system

LOCATION: Systemwide
Various Sites

District Located:
District(s) Served:

Systemwide
Systemwide

REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Water Renewal and Replacement Fund 36,938		9,183	2,000	2,000	2,000	2,000	2,000	1,475,000	1,531,121
Future WASD Revenue Bonds	0	0	14,786	39,550	21,990	27,521	24,426	47,199	175,472
WASD 2013 Revenue Bond	39,480	0	0	0	0	0	0	0	39,480
WASD Revenue Bonds Sold	10,731	0	0	0	0	0	0	0	10,731
TOTAL REVENUES:	87,149	9,183	16,786	41,550	23,990	29,521	26,426	1,522,199	1,756,804
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	6,062	3,304	5,487	5,456	3,150	3,876	3,470	199,865	230,670
Construction	40,108	21,859	36,298	36,094	20,840	25,645	22,956	1,322,334	1,526,134
TOTAL EXPENDITURES:	46,170	25,163	41,785	41,550	23,990	29,521	26,426	1,522,199	1,756,804



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 A) **Received Date:** 12/05/2013
Project/Contract No: DB13-WASD-03 (BUILD) **Funding Source:** MULTIPLE
Department: WATER & SEWER DEPARTMENT **Resubmittal Date(s):**
Estimated Cost of Project/Bid: \$8,759,887.00

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 A) in the City of Miami.

Contract Measures Recommendation		
Measure	Program	Goal Percent
Goal	CSBE	20.00%
Workforce Goal	CWP	12.40%

Reasons for Recommendation
<p>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).</p> <p>Funding Sources: Water Renewal and Replacement Fund, Future WASD Revenue Bonds, WASD 2013 Revenue Bonds and WASD Revenue Bonds Sold</p> <p>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</p>

Small Business Contract Measure Recommendation				
Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
Highway, Street, and Bridge Construction	CSBE	\$875,988.70	10.00%	90
Water and Sewer Line and Related Structures Construction	CSBE	\$875,988.70	10.00%	380
Total		\$1,751,977.40	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.



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 A)
Project/Contract No: DB13-WASD-03 (BUILD)
Department: WATER & SEWER DEPARTMENT
Estimated Cost of Project/Bid: \$8,759,887.00

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
[Signature] 1/14/14
[Signature] BD Director Date



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 A) SIC 871
Received Date: 12/05/2013
Project/Contract No: DB13-WASD-03 (DESIGN) **Funding Source:** MULTIPLE
Department: WATER & SEWER DEPARTMENT **Resubmittal Date(s):**
Estimated Cost of Project/Bid: \$1,298,458.00

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 A) in the City of Miami.

Contract Measures Recommendation

Measure	Program	Goal Percent
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; 1502-Aerial Photogrammetry; 1503-Underground Utility Location; 1600-General Civil Engineering; 1700-Engineering Construction Management

Small Business Contract Measure Recommendation

Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
GENERAL MECHANICAL ENGINEERING	CBE	\$129,845.80	10.00%	10
ENGINEERING CONSTRUCTION MANAGEMENT	CBE	\$103,876.64	8.00%	25
SURVEYING AND MAPPING-LAND SURVEYING	CBE	\$103,876.64	8.00%	8
Total		\$337,599.08	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.



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 A)
Project/Contract No: DB13-WASD-03 (BUILD)
Department: WATER & SEWER DEPARTMENT
Estimated Cost of Project/Bid: \$8,759,887.00

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
Date

Department: Water and Sewer

1/30/2014 3:01:13 PM

BUDGET PROJECT 9653311 - (As per 2013-2014 Approved Budget)

Project Title: 9653311-WATER DISTRIBUTION SYSTEM EXTENSION
ENHANCEMENTS

Project Desc: Install various water mains throughout the distribution system

CDP Project Revenue									
CDP Revenue:	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
EPA Grant	0	0	0	0	0	0	0	0	0
Fire Hydrant Fund	0	0	0	0	0	0	0	0	0
Future WASD Revenue Bon	0	0	0	0	14,786,000	39,550,000	121,136,000	0	175,472,000
State Revolving Loan	0	0	0	0	0	0	0	0	0
WASD 2013 Revenue Bon	0	0	39,480,000	0	0	0	0	0	39,480,000
WASD Future Funding	0	0	0	0	0	0	0	0	0
WASD Revenue Bonds So	0	10,731,000	0	0	0	0	0	0	10,731,000
WASD Water Commercial	0	0	0	0	0	0	0	0	0
Water Construction -	0	0	0	0	0	0	0	0	0
Water Construction -	0	0	0	0	0	0	0	0	0
Water Construction Fu	0	0	0	0	0	0	0	0	0
Water Renewal and Rep	0	32,944,000	3,994,000	9,183,000	2,000,000	2,000,000	1,481,000,000	1,531,121,000	

CIIS Site Funding Info									
SITE Location/Desc:	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
68517 - Various Locations	0	43,675,000	43,474,000	9,183,000	16,786,000	41,550,000	1,602,136,000	1,756,804,000	

Desc: Install various water mains throughout the distribution system, including the South Dixie Highway water extension project.

	05-06-07-		08-09:	09-10:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	17-18-19-20-21-22-23-					Total:		
	Recs:	06: 07: 08:									16-17:	18:	19:	20:	21:		22:	23:
CIIS Proposed RV:	9	0 0 0	39,072,000	7,257,000	14,608,000	28,820,000	25,792,000	20,344,000	18,085,000	32,274,000	53,224,000	0	0	0	0	0	0	239,476,000.00
CIIS Proposed MS:	18	0 0 0	31,049,000	15,280,000	14,608,000	28,820,000	25,792,000	20,344,000	18,085,000	32,274,000	53,224,000	0	0	0	0	0	0	239,476,000.00

CIIS Proposed Book Report

PROJECT REPORT 4

EXIT

Current Contracts for Project 9653311

Dept	ContractNo	Contract Name	RTA / MCC Award / MCC Estimated Allocation	Award Allocation	CIIS Award
PW	<u>20040275</u>	Street Pavement Rehabilitation - Zone 1 (WASD)	\$0.00	\$555,000.00	\$1,110,000.00
PW	<u>20040275</u>	Street Pavement Rehabilitation - Zone 1 (WASD)	\$555,000.00	\$0.00	\$1,110,000.00
PW	<u>20040276</u>	Street Pavement Rehabilitation - Zone 2 (WASD)	\$555,000.00	\$0.00	\$1,110,000.00
PW	<u>20040276</u>	Street Pavement Rehabilitation - Zone 2 (WASD)	\$0.00	\$555,000.00	\$1,110,000.00
PW	<u>20120152</u>	Design-Build Services for Rehabilitation of Bridges No. 874541 (West Bridge) and 874544 (Bear Cut Bridge) on the Rickenbacker Causeway	\$0.00	\$0.00	\$31,000,000.00
PW	<u>20120152</u>	Design-Build Services for	\$0.00	\$0.00	\$31,000,000.00

		Rehabilitation of Bridges No. 874541 (West Bridge) and 874544 (Bear Cut Bridge) on the Rickenbacker Causeway			
WS	<u>DB13-WASD-04</u>	Review Item: Design-Build Services for Replacement of Water Mains and Service Conversions in the Shenandoah Area (Phase B)	\$11,485,579.76	\$0.00	\$0.00
WS	<u>E05-WASD-12, GOB</u>	Perrine-Cutler Ridge Water and Sewer Improvements	\$0.00	\$880,000.00	\$1,760,000.00
WS	<u>E05-WASD-12, GOB</u>	Perrine-Cutler Ridge Water and Sewer Improvements	\$880,000.00	\$0.00	\$1,760,000.00
WS	<u>E05-WASD-13, GOB</u>	NW 37th Avenue Water and Sewer Improvements	\$825,000.00	\$0.00	\$1,650,000.00
WS	<u>E05-WASD-13, GOB</u>	NW 37th Avenue Water and Sewer Improvements	\$0.00	\$825,000.00	\$1,650,000.00
WS	<u>E05-WASD-15, GOB</u>	City of Miami Undersized Water Main Replacement Between Bird Avenue to Poinciana Avenue and SW 27th Avenue to SW 37th Avenue	\$0.00	\$330,000.00	\$330,000.00
WS	<u>E05-WASD-15, GOB</u>	City of Miami Undersized Water Main Replacement Between Bird Avenue to Poinciana Avenue and SW 27th Avenue to SW 37th Avenue	\$330,000.00	\$0.00	\$330,000.00
WS	<u>E05-WASD-16, GOB</u>	City of Miami Undersized Water Main Replacement between SW 18th Avenue to SW 25th Avenue and SW 22nd Street to SW 27th Street	\$330,000.00	\$0.00	\$330,000.00
WS	<u>E05-WASD-16, GOB</u>	City of Miami Undersized Water Main Replacement between SW 18th Avenue to SW 25th Avenue and SW 22nd Street to SW 27th Street	\$0.00	\$330,000.00	\$330,000.00
WS	<u>E06-WASD-09</u>	Design of Upgrades for the MDWASD's Water Distribution and Sanitary Sewer Systems including Force Mains and Sanitary Sewer Gravity Mains	\$412,500.00	\$0.00	\$825,000.00
WS	<u>E06-WASD-09</u>	Design of Upgrades for the MDWASD's Water Distribution and Sanitary Sewer Systems including Force Mains and Sanitary Sewer Gravity Mains	\$0.00	\$412,500.00	\$825,000.00
WS	<u>E06-WASD-16</u>	Design of Upgrades for the MDWASD's Water Distribution and Sewage Collection Systems including Sanitary Sewer Force Mains and Sanitary Sewer Gravity Mains	\$0.00	\$412,500.00	\$825,000.00

WS	<u>E06-WASD-16</u>	Design of Upgrades for the MDWASD's Water Distribution and Sewage Collection Systems including Sanitary Sewer Force Mains and Sanitary Sewer Gravity Mains	\$412,500.00	\$0.00	\$825,000.00
WS	<u>Project No. DB13-WASD-03</u>	Design-Build Services for Replacement of Water Mains and Service Conversions in the Shenandoah Area (Phase A)	\$11,135,274.46	\$0.00	\$0.00
WS	<u>S-848</u>	Perrine – Cutler Ridge Water and Sewer Improvements Water Main, Gravity Sewer and Force Main for Basin B	\$3,011,450.00	\$0.00	\$3,531,759.80
WS	<u>S-848</u>	Perrine – Cutler Ridge Water and Sewer Improvements Water Main, Gravity Sewer and Force Main for Basin B	\$0.00	\$1,765,879.90	\$3,531,759.80
WS	7040: <u>T1120</u>	GOB NC-27 B & C	\$1,638,849.11	\$0.00	\$888,515.33
WS	7040: <u>T1121</u>	Needs Assessment Program project No. GOB NC-27A , 8 Inch Water Main Extension	\$1,127,737.50	\$0.00	\$724,267.85
WS	7040: <u>T1305</u>	Meter Station @ Aventura Area	\$99,281.40	\$0.00	\$91,071.37
WS	7040: <u>T1444</u>	FURNISH AND INSTALL 8-INCH D.I. WATER MAIN IN VENETIAN CSWY. ON SAN MARCO ISLAND	\$653,520.00	\$0.00	\$687,993.31
WS	7040: <u>T1552</u>	Furnish and Instal; 8 inch DI Water Main in North Venetian Drive	\$412,410.00	\$0.00	\$371,424.27
WS	7040: <u>T1556</u>	COMPLETE ROOF REPLACEMENT AT THE MEDLEY WAREHOUSE	\$350,000.00	\$0.00	Cancelled
WS	7040: <u>T1756</u>	SMALL DIAMETER WATERMAIN REPLACEMENT PROGRAM PHASE 2	\$210,000.00	\$0.00	\$317,639.20
WS	7040: <u>T1759</u>	Small Diameter Watermain Replacement Program Pilot 1	\$110,000.00	\$0.00	\$181,624.30
WS	7040: <u>T1790</u>	EMERGENCY PIPELIEN INSTALLATION	\$122,000.00	\$0.00	\$153,548.11
WS	<u>W-863</u>	Installation of 30-Inch Water Main Crossing Miami River Canal at SW 2nd Street	\$0.00	\$1,805,931.00	\$1,984,939.95
WS	<u>W-863</u>	Installation of 30-Inch Water Main Crossing Miami River Canal at SW 2nd Street	\$1,805,931.00	\$0.00	\$1,984,939.95
WS	<u>W-881</u>	Needs Assesment Program Project No. UWMR-49A 12-Inch and 8-Inch Water Main Extension	\$0.00	\$801,501.09	\$824,222.94
WS	<u>W-881</u>	<u>Needs Assesment Program Project No. UWMR-49A 12-Inch</u>	<u>\$840,000.00</u>	<u>\$0.00</u>	<u>\$824,222.94</u>

and 8-Inch Water Main
Extension

Total Allocated: \$36,952,033.23 \$8,673,311.99

Current Contracts for Sites of Project 9653311

(Theses contracts are not necessarily funded from this project)

<u>Dept</u>	<u>Site NO</u>	<u>ContractNo</u>	<u>Award Allocation</u>
WS	#68517	T1552	\$412,410.00
WS	#68517	T1759	\$110,000.00
WS	#68517	T1756	\$210,000.00
<u>WS</u>	#68517	<u>T1790</u>	<u>\$122,000.00</u>
Total Allocated:			\$854,410.00

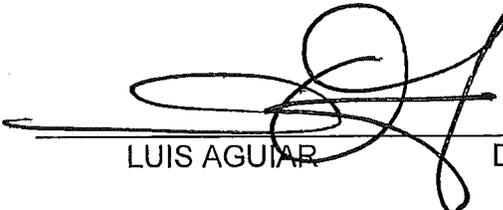
[Search for Site Number](#)
[Search for Budget Project Number](#)

REQUEST TO ADVERTISE
DESIGN-BUILD SERVICES FOR REPLACEMENT OF WATER MAINS AND
SERVICE CONVERSIONS IN THE SHENANDOAH AREA (PHASE A)
PROJECT NO. DB13-WASD-03

BUDGET PROJECT AND
DESCRIPTION:

9653311- WATER DISTRIBUTION SYSTEM
EXTENSION ENHANCEMENTS

ASSISTANT DIRECTOR,
WATER:



LUIS AGUIAR 1/31/14
DATE

DEPUTY DIRECTOR,
CAPITAL IMPROVEMENT
REGULATORY COMPLIANCE



JUAN CARLOS ARTEAGA 02/03/14
DATE

ASSISTANT DIRECTOR,
FINANCE



FRANCES G. MORRIS 2/4/14
DATE

ASSISTANT DIRECTOR,
LEGISLATIVE & MUNICIPAL
AFFAIRS



ZABA S. CASTRO, ESQ. 2/3/14
DATE

Date: February 20, 2014

To: Carlos A. Gimenez
County Mayor

From: John W. Renfrow, P.E.
Director
Water and Sewer



Subject: Design-Build Services for Replacement of Water Mains and Service Conversions in the Shenandoah Area (Phase B) - Project No. DB13-WASD-04

Recommendation

This Request to Advertise for a Design-Build contract has been prepared by the Water and Sewer Department and is recommended for approval pursuant to Sections 2-8.1 of the Code of Miami-Dade County.

Scope

PROJECT NAME: Design-Build Services for Replacement of Water Mains and Service Conversions in the Shenandoah Area (Phase B)

PROJECT NO: DB13-WASD-04

CONTRACT NO: DB13-WASD-04

PROJECT

DESCRIPTION: 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 and for the service conversions. 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. The project includes the following main elements:

Approximately 45,750 linear feet of 8-inch ductile iron and 1,200 linear feet of 6-inch ductile iron water main pipe and fittings to include, but not be limited to the following: all required resilient seated gate valves; all required fire hydrant assemblies with guard posts; approximately 1,170 water services; 664 water service conversions from rear of property to front of property to include all required piping, fittings and accessories, testing and

restoration within private property including providing safety and protection of homeowner's property; tapping connections of various sizes to existing mains including tapping sleeves and valves; in-line water main connections to existing mains of various sizes; air release valve and flushing valve outlet assemblies; polyethylene encasement for ductile iron pipe and fittings, if ordered by the Engineer; sheeting and shoring ordered left in place by the Engineer; additional suitable backfill, if needed; furnish all materials, equipment and supplies necessary for cleaning, testing and disinfecting the mains; removal of existing asphalt pavement and sod; milling and resurfacing of existing asphalt pavement; removal, transport, salvage and legal disposal of demolition material; placing existing water mains out of service upon completion of work; traffic control; installation and restoration of pedestrian curb ramps and installation of detectable warning surface, as directed; temporary and permanent replacement of any utilities, pavement, sidewalk, curb & gutter, valley gutter, traffic circle roundabouts, trees, landscaping, sod, pavement markings, and/or driveway damaged by construction and all other appurtenant and miscellaneous items and work for a complete and fully functional installation.

The Design-Builder shall design and construct all ancillary piping, tapping, temporary bypass, and tie-in connections to facilitate successful construction and commissioning the new 8-inch water mains without any interruption of service to the existing Miami-Dade Water and Sewer customers. The design and construction services rendered by the Design-Builder shall result in a complete, functional, and operable piping project with a minimum 80 year design life.

In addition, the Design-Builder must comply with the "Buy American Requirements" listed below:

Application of Buy American requirements to fiscal year 2014 Clean Water State Revolving Fund and Drinking Water State Revolving Fund Assistance agreements.

The Buy American requirement has been added to the already existing Clean Water State Revolving Fund and Drinking Water State Revolving Fund programs. All agreements financed by these programs, and executed on or after January 17, 2014 (date of enactment of House Resolution 3547) must include the terms of the Buy American requirement. In addition to the information provided below, which does not provide guidance on how to meet the Buy American requirements or the waiver process, the U.S. Environmental Protection Agency, will be providing guidance for this requirement soon.

House Resolution 3547 includes the following language in Division G, Title IV, under the heading, "Use of American Iron and Steel:"

"Sec. 436. (a)(1) None of the funds made available by a State water pollution control revolving fund as authorized by title VI of the Federal Water Pollution Control Act (33 U.S.C. 1381 et seq.) or made available by a drinking water treatment revolving loan fund as authorized by section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j-12) shall be used for a project for the construction, alteration, maintenance, or repair of a public water system or treatment works unless all of the iron and steel products used in the project are produced in the United States.

(2) In this section, the term "iron and steel products" means the following products made primarily of iron or steel: lined or unlined pipes and fittings, manhole covers and other municipal castings, hydrants, tanks, flanges, pipe clamps and restraints, valves, structural steel, reinforced precast concrete, and construction materials.

(b) Subsection (a) shall not apply in any case or category of cases in which the Administrator of the Environmental Protection Agency (in this section referred to as the "Administrator") finds that -

- 1) Applying subsection (a) would be inconsistent with the public interest;
- 2) Iron and steel products are not produced in the United States in sufficient and reasonably available quantities and of a satisfactory quality; or
- 3) Inclusion of iron and steel products produced in the United States will increase the cost of the overall project by more than 25 percent."

PROJECT LOCATION: Area bounded by S.W. 17th Ave., S.W. 27th Ave., S.W. 16th St. and S.W. 22 St. (Coral Way)

PRIMARY COMMISSION DISTRICT: District 5 Bruno A. Barreiro

APPROVAL PATH: Mayor's Authority

ISD A&E PROJECT NUMBER: DB13-WASD-04

USING DEPARTMENT: Water and Sewer

MANAGING DEPARTMENT: Water and Sewer

Fiscal Impact / Funding Source

FUNDING SOURCE: Water Renewal and Replacement Fund
Future WASD Revenue Bonds
WASD 2013 Revenue Bonds
WASD Revenue Bonds Sold

PTP FUNDING: No

GOB FUNDING: No

ARRA FUNDING: No

CAPITAL BUDGET PROJECT:

CAPITAL BUDGET PROJECT # - DESCRIPTION

RTA ESTIMATE

9653311- WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS
Book Page:136 Adopted Capital Book for Fiscal Year 2013-2019 Funding Year: Fiscal year 2013-2019

PROJECT TECHNICAL CERTIFICATION REQUIREMENTS:

TYPE CODE DESCRIPTION

- Prime 6.01 WATER AND SANITARY SEWER SYSTEMS - WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS
- Prime 15.01 SURVEYING AND MAPPING - LAND SURVEYING
- Prime 15.03 UNDERGROUND UTILITY LOCATION
- Prime 16.00 GENERAL CIVIL ENGINEERING
- Other 3.04 HIGHWAY SYSTEMS - TRAFFIC ENGINEERING STUDIES
- Other 9.02 SOILS, FOUNDATIONS AND MATERIALS TESTING - GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES
- Other 10.05 ENVIRONMENTAL ENGINEERING - CONTAMINATION ASSESSMENT AND MONITORING
- Other 12.00 GENERAL MECHANICAL ENGINEERING
- Other 17.00 ENGINEERING CONSTRUCTION MANAGEMENT

SUSTAINABLE BUILDINGS ORDINANCE: (I.O NO. 8-8)

Does the project qualify for compliance with the Sustainable Buildings Ordinance? Not Sure

TOTAL ESTIMATED CONTRACT PERIOD: 910 Calendar Days. Excludes Warranty Administration Period

ESTIMATED CONTINGENCY PERIOD: 91 Calendar Days.

IG FEE INCLUDED IN BASE CONTRACT: Yes

ART IN PUBLIC PLACES: No

BASE ESTIMATE: \$9,852,808.62 \$8,635,256.00 estimated construction cost
\$1,217,552.62 estimated engineering costs

CONTINGENCY ALLOWANCE (SECTION 2-8.1 MIAMI DADE COUNTY CODE):	TYPE	PERCENT	AMOUNT	COMMENT
	Design Build	10%	5% \$553,518.06	Contingency allowance fees in accordance with Ordinance 00-65 is 5% of the total estimated construction cost (\$431,762.80) and 10% of the estimated engineering cost (\$121,755.26)

PERMIT FEES: \$259,057.68 3.0% Based on total construction cost.

INSTALLATION OF ELECTRICAL GROUNDING FOR WATER SERVICE RELOCATIONS: \$166,000.00

REMOVAL AND REMEDIATION OF CONTAMINATED FILL MATERIAL: \$43,176.28

OFF DUTY POLICE OFFICER: \$136,080.00

INSTALLATION OF SUB-METERS: \$43,176.28

QUANTITY ADJUSTMENT: \$431,762.80

TOTAL DEDICATED ALLOWANCE: \$1,079,253.04

COST ESTIMATE: \$11,485,579.72

Track Record / Monitor

EXPLANATION:

N/A - This information will be provided upon contract award recommendation.

**MINIMUM
QUALIFICATIONS
EXCEED LEGAL
REQUIREMENTS:**

Yes Proposed Design-Builder shall demonstrate its project team experience by presenting the qualifications and capabilities of each Design-Build Team member firm, for projects completed within the last five (5) years, including projects that may be at least fifty percent (50%) complete prior to the required submittal date of this Request Design-Build Services (RDBS) Step 1 solicitation, that demonstrate related minimum project experience as indicated below:

Lead Constructors:

The construction firm performing the water main installation work must have minimum five (5) years total industry experience from the date of this solicitation. It also must have constructed at least five (5) water main projects of similar size and complexity in an urban environment consisting of a minimum of 50,000 total linear feet of installation and minimum 8-inch nominal diameter of such water main installation is required.

Experience of Lead Constructors and Pipe Installation Crews must submit history of past performance completing projects on schedule and to the satisfaction of the facility owner.

Lead Designers:

- a) The Lead Designer firm performing the design of the water main installation must have minimum five (5) years total industry experience from the date of this solicitation. It also must have designed at least five (5) water main installation projects in an urban environment consisting of a minimum of 10,000 total linear feet of minimum 8-inch nominal diameter.
- b) Lead Designer providing services under A/E technical certification categories 6.01 and 16.00 must demonstrate to have designed at least five (5) projects that were completed within the last ten (10) years from the date of this solicitation that involved water and sewer main installation.

Subconsultants to the Design-Builder or Lead Designer must demonstrate to have designed at least three (3) projects that were completed within the last ten (10) years from the date of the solicitation that involved the main project element for which the Subconsultant is being proposed.

Additional Preferred Project Experience and Past Performance:

The Design-Builder teams may receive higher qualification scores from the Competitive Selection Committee (CSC) if their submitted project experience and past performance can demonstrate any of the following listed below:

- a) Listed projects are of a similar or greater size and level of complexity.
- b) Any listed projects of the proposed Design-Builder entity were designed and constructed through Design-Build project delivery.
- c) The Lead Constructor and Lead Designer have worked together on previous projects, especially on Design-Build projects.
- d) Key personnel, most significantly the proposed Project Manager, Design Manager and Construction Manager, that have served on the Projects listed and their client reference can validate that performance.

Design-Build Team Key Personnel Experience and Qualifications:

A) Minimum industry and position experience of Design-Build team Key Personnel are as follows:

1. Minimum ten (10) years total industry experience of which five (5) years in a similarly responsible position for each of the following Key Personnel:
 - a) Design-Build Project Manager
 - b) Lead Designer- Design Manager
 - c) Lead Constructor – Construction Manager
 - d) Lead Civil Engineer
 - e) Pipe Installation Superintendent
2. Key Personnel must demonstrate experience with the type of work to be performed.
 - a) Proposers shall identify, in their Statement of Qualifications, those State of Florida registered Professional Engineers who will sign and seal construction plans and specifications.
 - b) Key Personnel resumes shall indicate the individual's current firm association, their professional qualifications, a client reference with contact information, and their role and duration on each project for which they are being credited the related experience.

B) Additional Preferred Experience and Past Performance:

- a) Experience in a significant role on a Design-Build project, especially in a similar role as proposed for this Project.
- b) Superior references with regard to meeting cost, schedule, and quality objectives on previous

projects, and maintaining a positive client relationship.

Design-Builder Safety Record - Past Performance:

- a) Minimum past performance as reflected by a three (3) year average for the last three (3) previous full years (from the date of the solicitation) of the Experience Modification Rate (EMR) for the Design-Builder shall not exceed 1.40 for each firm.
- b) Design-Builders shall provide EMR data for the previous three (3) full calendar years (2011, 2012) and 2013 on a firm-wide basis shall be documented by a signed letter with contact information from the firm's insurance carrier, or the insurance carrier's agency representative. Higher qualifications score shall be provided by the CSC for a Design-Builder demonstrating an average EMR lower than other competing Design-Builder firms. Design-Builder shall also provide their OSHA forms 300 and 300A for the last three (3) full calendar years indicating OSHA submitted accident data for evaluation by the CSC as to their frequency and severity.

Ability of Design-Builder and Team to interface with the County

Design-Builder Proposer will provide a narrative of not more than three (3) single side 8.5 x 11-inch pages, in not less than Arial 11 point font and 3/4-inch margins, that explains how the Design-Builder and team members can efficiently interface with the County and WASD in a timely and effective manner with respect to items such as regular and emergency communications, submittals, meeting attendance, commercial issues and other project related activities.

REVIEW COMMITTEE:

MEETING DATE: 12/5/2013 SIGNOFF DATE: 1/14/2014

APPLICABLE WAGES: (RESOLUTION No. R-54-10)

Yes

REVIEW COMMITTEE ASSIGNED CONTRACT MEASURES:

<u>TYPE</u>	<u>GOAL</u>	<u>COMMENT</u>
CSBE	20.00%	Administrative Order 3-22
CBE	26.00%	Administrative Order 3-32
DBE	0.00%	Not Applicable
CWP	12.40%	Designated Target Areas: Enterprise Zones

MANDATORY CLEARING HOUSE:

N/A

CONTRACT MANAGER Patty David 786-552-8040 pattyd@miamidade.gov
NAME / PHONE / EMAIL:

PROJECT MANAGER Elvira Amenta 786-268-5284 eament@miamidade.gov
NAME /PHONE / EMAIL:

Background

BACKGROUND: Reduction of water losses in the water main systems is an important goal in the County's water conservation effort and identified as a major component of the permit requirements in the 20-Year Water Use Permit issued to the County by the South Florida Water Management District.

The objective of this project is to replace old, corroded, undersized water mains with new mains that will provide adequate hydraulic capacity for fire flows and pressures. Also, the project will eliminate the existing dual water main feed systems as the existing rear services will be transferred to the front of the properties to facilitate access to meter reading and service connections.

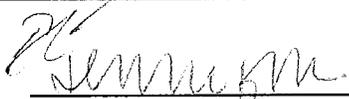
DEPARTMENT SELECTION COMMITTEE RECOMMENDATIONS:

<u>COMMITTEE</u> <u>MEMBER &</u> <u>TITLE</u>	<u>YEAR</u> <u>HIRED</u>	<u>GENDER /</u> <u>ETHNICITY</u>	<u>EDUCATION</u>	<u>PROFESSIONAL</u> <u>LICENSES</u>
Peter Jelonek, Professional Engineer (Committee member)	1996	Male/Caucasian	Masters in Environmental Engineer	Professional Engineer
Brian Trujillo, Professional Engineer (Alternate)	1993	Male/Hispanic	Bachelors in Science in Civil Engineering	Professional Engineer, General Contractor

DEPARTMENT
FINANCE:


DEPT. FINANCE OFFICER DATE

BUDGET
APPROVAL
FUNDS
AVAILABLE:


OMB DIRECTOR 2/20/14
DATE


MAYOR DATE

CLERK DATE _____
DATE

FY 2013 - 14 Proposed Budget and Multi-Year Capital Plan

WASTEWATER TREATMENT PLANTS REPLACEMENT AND RENOVATION

PROJECT #: 9653261

DESCRIPTION: Renovate and replace wastewater treatment plant facilities and structures within plant sites

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Wastewater Renewal Fund	14,760	12,601	6,000	7,000	7,000	7,000	7,000	0	61,361
Future WSD Revenue Bonds	0	0	4,289	4,288	4,289	4,289	5,434	0	22,589
WASD 2013 Revenue Bond	3,680	0	0	0	0	0	0	0	3,680
WASD Revenue Bonds Sold	637	0	0	0	0	0	0	0	637
WASD Future Funding	0	0	0	0	0	0	0	5,165	5,165
TOTAL REVENUES:	19,077	12,601	10,289	11,288	11,289	11,289	12,434	5,165	93,432
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	2,067	3,048	1,693	1,831	1,831	1,831	2,017	838	15,156
Construction	10,678	15,741	8,741	9,457	9,458	9,457	10,417	4,327	78,276
TOTAL EXPENDITURES:	12,745	18,789	10,434	11,288	11,289	11,288	12,434	5,165	93,432

SANITARY SEWER SYSTEM EXTENSION

PROJECT #: 9653281

DESCRIPTION: Extend sewer system lines to include the existing sanitary sewer needs assessment

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Wastewater Renewal Fund	17,954	100	0	0	0	0	0	0	18,054
Future WSD Revenue Bonds	0	0	1,835	2,113	2,113	2,113	4,113	392,038	404,325
WASD 2013 Revenue Bond	4,818	0	0	0	0	0	0	0	4,818
WASD Revenue Bonds Sold	2,447	0	0	0	0	0	0	0	2,447
TOTAL REVENUES:	25,219	100	1,835	2,113	2,113	2,113	4,113	392,038	429,644
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	2,199	530	198	228	228	228	443	42,261	46,315
Construction	18,202	4,388	1,637	1,885	1,885	1,886	3,669	349,777	383,329
TOTAL EXPENDITURES:	20,401	4,918	1,835	2,113	2,113	2,114	4,112	392,038	429,644

WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

PROJECT #: 9653311

DESCRIPTION: Install various water mains throughout the distribution system

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Water Renewal and Replacement Fund 36,938		9,183	2,000	2,000	2,000	2,000	2,000	1,475,000	1,531,121
Future WSD Revenue Bonds	0	0	14,786	39,550	21,990	27,521	24,426	47,199	175,472
WASD 2013 Revenue Bond	39,480	0	0	0	0	0	0	0	39,480
WASD Revenue Bonds Sold	10,731	0	0	0	0	0	0	0	10,731
TOTAL REVENUES:	87,149	9,183	16,786	41,550	23,990	29,521	26,426	1,522,199	1,756,804
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	6,062	3,304	5,487	5,456	3,150	3,876	3,470	199,865	230,670
Construction	40,108	21,859	36,298	36,094	20,840	25,645	22,956	1,322,334	1,526,134
TOTAL EXPENDITURES:	46,170	25,163	41,785	41,550	23,990	29,521	26,426	1,522,199	1,756,804



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) **Received Date:** 12/05/2013
Project/Contract No: DB13-WASD-04 (BUILD) **Funding Source:** MULTIPLE **Resubmittal Date(s):**
Department: WATER & SEWER DEPARTMENT
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		
Measure	Program	Goal Percent
Goal	CSBE	20.00%
Workforce Goal	CWP	12.40%

Reasons for Recommendation
<p>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).</p> <p>Funding Sources: Water Renewal and Replacement Fund, Future WASD Revenue Bonds, WASD 2013 Revenue Bonds and WASD Revenue Bonds Sold</p> <p>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</p>

Small Business Contract Measure Recommendation				
Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
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
Total		\$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.



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)
Project/Contract No: DB13-WASD-04 (BUILD)
Department: WATER & SEWER DEPARTMENT
Estimated Cost of Project/Bld: \$9,067,018.00

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
Date 1/14/14



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)
Department: WATER & SEWER DEPARTMENT

Funding Source: 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

Measure	Program	Goal Percent
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

Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
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
Total		\$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.



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 87I

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

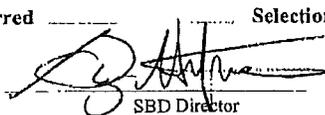
Department: WATER & SEWER DEPARTMENT

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			1/14/14
		SBD Director	Date

Department: Water and Sewer

1/30/2014 3:12:56 PM

BUDGET PROJECT 9653311 - (As per 2013-2014 Approved Budget)

Project Title: 9653311-WATER DISTRIBUTION SYSTEM EXTENSION
ENHANCEMENTS

Project Desc: Install various water mains throughout the distribution system

CDP Revenue:	CDP Project Revenue								
	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
EPA Grant	0	0	0	0	0	0	0	0	0
Fire Hydrant Fund	0	0	0	0	0	0	0	0	0
Future WASD Revenue B	0	0	0	0	0	14,786,000	39,550,000	121,136,000	175,472,000
State Revolving Loan	0	0	0	0	0	0	0	0	0
WASD 2013 Revenue Bon	0	0	0	39,480,000	0	0	0	0	39,480,000
WASD Future Funding	0	0	0	0	0	0	0	0	0
WASD Revenue Bonds So	0	0	10,731,000	0	0	0	0	0	10,731,000
WASD Water Commercial	0	0	0	0	0	0	0	0	0
Water Construction -	0	0	0	0	0	0	0	0	0
Water Construction -	0	0	0	0	0	0	0	0	0
Water Construction Fu	0	0	0	0	0	0	0	0	0
Water Renewal and Rep	0	0	32,944,000	3,994,000	9,183,000	2,000,000	2,000,000	1,481,000,000	1,531,121,000

SITE Location/Desc:	CIIS Site Funding Info								
	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
68517 - Various Locations	0	0	43,675,000	43,474,000	9,183,000	16,786,000	41,550,000	1,602,136,000	1,756,804,000

Desc: Install various water mains throughout the distribution system, including the South Dixie Highway water extension project.

CIIS Proposed RV:	05-06-07- Recs: 08: 07: 08: 08-09: 09-10: 10-11: 11-12: 12-13: 13-14: 14-15: 15-16: 16-17: 17-18: 19-20: 21-22: 23-24:																Total:			
	05-06-07- Recs: 08: 07: 08:	08-09:	09-10:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	16-17:	17-18:	18-19:	19-20:	20-21:	21-22:	22-23:		23-24:		
CIIS Proposed MS:	18	0	0	0	31,049,000	15,280,000	14,608,000	28,820,000	25,792,000	20,344,000	18,085,000	32,274,000	53,224,000	0	0	0	0	0	0	239,476,000.00

CIIS Proposed Book Report

PROJECT REPORT 4

EXIT

Current Contracts for Project 9653311

Dept	ContractNo	Contract Name	RTA / MCC Estimated Allocation	Award / MCC Award	CIIS Award
PW	<u>20040275</u>	Street Pavement Rehabilitation - Zone 1 (WASD)	\$0.00	\$555,000.00	\$1,110,000.00
PW	<u>20040275</u>	Street Pavement Rehabilitation - Zone 1 (WASD)	\$555,000.00	\$0.00	\$1,110,000.00
PW	<u>20040276</u>	Street Pavement Rehabilitation - Zone 2 (WASD)	\$555,000.00	\$0.00	\$1,110,000.00
PW	<u>20040276</u>	Street Pavement Rehabilitation - Zone 2 (WASD)	\$0.00	\$555,000.00	\$1,110,000.00
PW	<u>20120152</u>	Design-Build Services for Rehabilitation of Bridges No. 874541 (West Bridge) and 874544 (Bear Cut Bridge) on the Rickenbacker Causeway	\$0.00	\$0.00	\$31,000,000.00
PW	<u>20120152</u>	Design-Build Services for	\$0.00	\$0.00	\$31,000,000.00

		Rehabilitation of Bridges No. 874541 (West Bridge) and 874544 (Bear Cut Bridge) on the Rickenbacker Causeway			
WS	<u>DB13-WASD-04</u>	Review Item: Design-Build Services for Replacement of Water Mains and Service Conversions in the Shenandoah Area (Phase B)	\$11,485,579.76	\$0.00	\$0.00
WS	<u>E05-WASD-12, GOB</u>	Perrine-Cutler Ridge Water and Sewer Improvements	\$0.00	\$880,000.00	\$1,760,000.00
WS	<u>E05-WASD-12, GOB</u>	Perrine-Cutler Ridge Water and Sewer Improvements	\$880,000.00	\$0.00	\$1,760,000.00
WS	<u>E05-WASD-13, GOB</u>	NW 37th Avenue Water and Sewer Improvements	\$825,000.00	\$0.00	\$1,650,000.00
WS	<u>E05-WASD-13, GOB</u>	NW 37th Avenue Water and Sewer Improvements	\$0.00	\$825,000.00	\$1,650,000.00
WS	<u>E05-WASD-15, GOB</u>	City of Miami Undersized Water Main Replacement Between Bird Avenue to Poinciana Avenue and SW 27th Avenue to SW 37th Avenue	\$0.00	\$330,000.00	\$330,000.00
WS	<u>E05-WASD-15, GOB</u>	City of Miami Undersized Water Main Replacement Between Bird Avenue to Poinciana Avenue and SW 27th Avenue to SW 37th Avenue	\$330,000.00	\$0.00	\$330,000.00
WS	<u>E05-WASD-16, GOB</u>	City of Miami Undersized Water Main Replacement between SW 18th Avenue to SW 25th Avenue and SW 22nd Street to SW 27th Street	\$330,000.00	\$0.00	\$330,000.00
WS	<u>E05-WASD-16, GOB</u>	City of Miami Undersized Water Main Replacement between SW 18th Avenue to SW 25th Avenue and SW 22nd Street to SW 27th Street	\$0.00	\$330,000.00	\$330,000.00
WS	<u>E06-WASD-09</u>	Design of Upgrades for the MDWASD's Water Distribution and Sanitary Sewer Systems including Force Mains and Sanitary Sewer Gravity Mains	\$412,500.00	\$0.00	\$825,000.00
WS	<u>E06-WASD-09</u>	Design of Upgrades for the MDWASD's Water Distribution and Sanitary Sewer Systems including Force Mains and Sanitary Sewer Gravity Mains	\$0.00	\$412,500.00	\$825,000.00
WS	<u>E06-WASD-16</u>	Design of Upgrades for the MDWASD's Water Distribution and Sewage Collection Systems including Sanitary Sewer Force Mains and Sanitary Sewer Gravity Mains	\$0.00	\$412,500.00	\$825,000.00

WS	<u>E06-WASD-16</u>	Design of Upgrades for the MDWASD's Water Distribution and Sewage Collection Systems including Sanitary Sewer Force Mains and Sanitary Sewer Gravity Mains	\$412,500.00	\$0.00	\$825,000.00
WS	<u>Project No. DB13-WASD-03</u>	Design-Build Services for Replacement of Water Mains and Service Conversions in the Shenandoah Area (Phase A)	\$11,135,274.46	\$0.00	\$0.00
WS	<u>S-848</u>	Perrine – Cutler Ridge Water and Sewer Improvements Water Main, Gravity Sewer and Force Main for Basin B	\$3,011,450.00	\$0.00	\$3,531,759.80
WS	<u>S-848</u>	Perrine – Cutler Ridge Water and Sewer Improvements Water Main, Gravity Sewer and Force Main for Basin B	\$0.00	\$1,765,879.90	\$3,531,759.80
WS	7040: <u>T1120</u>	GOB NC-27 B & C	\$1,638,849.11	\$0.00	\$888,515.33
WS	7040: <u>T1121</u>	Needs Assessment Program project No. GOB NC-27A , 8 Inch Water Main Extension	\$1,127,737.50	\$0.00	\$724,267.85
WS	7040: <u>T1305</u>	Meter Station @ Aventura Area	\$99,281.40	\$0.00	\$91,071.37
WS	7040: <u>T1444</u>	FURNISH AND INSTALL 8-INCH D.I. WATER MAIN IN VENETIAN CSWY. ON SAN MARCO ISLAND	\$653,520.00	\$0.00	\$687,993.31
WS	7040: <u>T1552</u>	Furnish and Instal; 8 inch DI Water Main in North Venetian Drive	\$412,410.00	\$0.00	\$371,424.27
WS	7040: <u>T1556</u>	COMPLETE ROOF REPLACEMENT AT THE MEDLEY WAREHOUSE	\$350,000.00	\$0.00	Cancelled
WS	7040: <u>T1756</u>	SMALL DIAMETER WATERMAIN REPLACEMENT PROGRAM PHASE 2	\$210,000.00	\$0.00	\$317,639.20
WS	7040: <u>T1759</u>	Small Diameter Watermain Replacement Program Pilot 1	\$110,000.00	\$0.00	\$181,624.30
WS	7040: <u>T1790</u>	EMERGENCY PIPELIEN INSTALLATION	\$122,000.00	\$0.00	\$153,548.11
WS	<u>W-863</u>	Installation of 30-Inch Water Main Crossing Miami River Canal at SW 2nd Street	\$0.00	\$1,805,931.00	\$1,984,939.95
WS	<u>W-863</u>	Installation of 30-Inch Water Main Crossing Miami River Canal at SW 2nd Street	\$1,805,931.00	\$0.00	\$1,984,939.95
WS	<u>W-881</u>	Needs Assesment Program Project No. UWMR-49A 12-Inch and 8-Inch Water Main Extension	\$0.00	\$801,501.09	\$824,222.94
WS	<u>W-881</u>	<u>Needs Assesment Program Project No. UWMR-49A 12-Inch</u>	<u>\$840,000.00</u>	<u>\$0.00</u>	<u>\$824,222.94</u>

and 8-Inch Water Main
Extension

Total Allocated: \$36,952,033.23 \$8,673,311.99

Current Contracts for Sites of Project 9653311

(Theses contracts are not necessarily funded from this project)

<u>Dept</u>	<u>Site NO</u>	<u>ContractNo</u>	<u>Award Allocation</u>
WS	#68517	T1552	\$412,410.00
WS	#68517	T1759	\$110,000.00
WS	#68517	T1756	\$210,000.00
<u>WS</u>	#68517	<u>T1790</u>	<u>\$122,000.00</u>
Total Allocated:			\$854,410.00

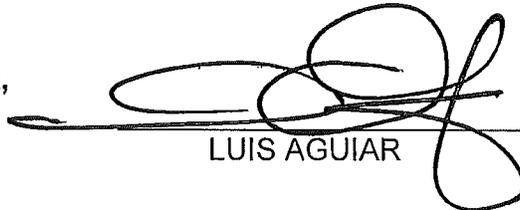
Search for Site Number
Search for Budget Project Number

REQUEST TO ADVERTISE
DESIGN-BUILD SERVICES FOR REPLACEMENT OF WATER MAINS AND
SERVICE CONVERSIONS IN THE SHENANDOAH AREA (PHASE B)
PROJECT NO. DB13-WASD-04

BUDGET PROJECT AND
DESCRIPTION:

9653311- WATER DISTRIBUTION SYSTEM
EXTENSION ENHANCEMENTS

ASSISTANT DIRECTOR,
WATER:


LUIS AGUIAR
1/31/14
DATE

DEPUTY DIRECTOR,
CAPITAL IMPROVEMENT
REGULATORY COMPLIANCE


JUAN CARLOS ARTEAGA
02/03/14
DATE

ASSISTANT DIRECTOR,
FINANCE


FRANCES G. MORRIS
2/4/14
DATE

ASSISTANT DIRECTOR,
LEGISLATIVE & MUNICIPAL
AFFAIRS


ZABA S. CASTRO, ESQ.
2/3/14
DATE