

# Memorandum



**Date:** April 23, 2014

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

**From:** Carlos A. Gimenez  
Mayor

A handwritten signature in black ink, appearing to read "Carlos A. Gimenez", written over the printed name of the Mayor.

**Subject:** Advertisement for Request to Advertise: Owner's Representative for Professional Engineering Services relating to the State of Florida's Ocean Outfall Legislation and Miami-Dade County's Wastewater System - Project No. E13-WASD-11

As you know, I have committed to the Board that I will present contracts for your information contracts for the design and construction of significant water and sewer projects to ensure complete transparency in the selection and bid award process. This project has 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.

The Water and Sewer Department intends to retain one (1) qualified Consultant under a non-exclusive Professional Services Agreement for professional engineering services relating to the State of Florida's Ocean Outfall Legislation and Miami-Dade County's Wastewater System. The total not-to-exceed estimated amount of compensation for the twelve (12) year term is one-hundred forty million dollars (\$140,000,000.00). The contract term is six (6) years with a one (1) six (6) year option-to-renew with the approval of the County Mayor or the County Mayor's designee. The Program and Construction Management Services solicitation related to the wastewater systems priority projects under the Consent Decree, Project Number E-WASD-01R, is still under the cone of silence and pending award due to an ongoing responsibility review. Proposers are advised that the selected Prime firm for E-WASD-01R (Program and Construction Management Services) will be precluded from participating as a Prime Consultant or Sub-consultant at any tier for this project (Project No. E13-WASD-11).

The Request to Advertise document for the above referenced project is 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 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  
Bill Johnson, Director Designee, Water and Sewer Department

# Memorandum



**Date:** April 16, 2014

**To:** Carlos A. Gimenez  
County Mayor

**From:** Bill Johnson, Director Designee  
Water and Sewer

A handwritten signature in black ink, appearing to read "Bill Johnson". The signature is written in a cursive style and is positioned over the printed name and title of the sender.

**Subject:** Request to Advertise for Owner's Representative for Professional Engineering Services relating to the State of Florida's Ocean Outfall Legislation and Miami-Dade County's Wastewater System - Project No. E13-WASD-11

## Recommendation

This Request to Advertise for a Professional Services Agreement has been prepared by the Water and Sewer Department (WASD) and is recommended for approval pursuant to Section 2-8.1 of the Code of Miami-Dade County.

## Scope

- PROJECT NAME:** Owner's Representative for Professional Engineering Services relating to the State of Florida's Ocean Outfall Legislation and Miami-Dade County's Wastewater System
- PROJECT NO:** E13-WASD-11
- CONTRACT NO:** E13-WASD-11
- PROJECT DESCRIPTION:** The scope of services to be provided by the Consultant includes, but is not limited to, the following:
- A. Validate the capital program for the Wastewater Treatment Plants and Wastewater Collection and Transmission System improvements to cost-effectively fulfill the requirements of the Ocean Outfall Legislation and to meet future system demands forecast to the year 2035;
  - B. Outline, identify and/or develop preliminary policies, procedures, and practices that establish the means and methods to meet the requirements of the Ocean Outfall Legislation Program;
  - C. Identify potential risks that may have an impact on the implementation of the Capital Improvement Program and provide a mitigation plan which includes identifying and recommending mitigation options to address future climate change impacts, such as sea level rise, storm surge, wind, and flooding; consider facility impacts due to sea-level rise and other potential climate change impacts on facilities;
  - D. Advise and provide strategic day-to-day oversight and direction to the Ocean Outfall Legislation Capital Improvement Program;
  - E. Prepare and maintain, together with WASD's staff, a Program

Management Plan for use by the Program Team, which also includes various consultants assisting WASD with the implementation of its Capital Improvement Program. This also applies to establishing proper communication protocols, design and process standards;

- F. Coordinate and assist WASD with Wastewater Facilities Master Planning as required to ensure comprehensive and long-term viability of the Ocean Outfall Legislation Capital Improvements with other concurrent legislations such as the Environmental Protection Agency Consent Decree and South Florida Water Management District's Water Use Permit requirements) and other Master Planning efforts;
- G. Establish standards and guidelines for cost-estimating. The Consultant shall work with WASD's staff to ensure that all project cost estimates meet the cost estimating standards, including those in planning, preliminary engineering and detailed design. The Consultant shall review cost estimates generated for consistency with the standards and guidelines and to ensure that cost estimates performed at various stages in the design process adequately and appropriately incorporate factors to account for project risk elements;
- H. Develop and manage the program master schedule and task schedules, including phasing work appropriately to meet Ocean Outfall Legislation requirements and future demand projections, and provide budget and cost oversight of all program elements and resources;
- I. Develop monthly progress reports that include accomplishments during the most recent reporting period, upcoming activities for the next reporting period, tracking of issues and action items identified, other related information, and contract status. Monthly reports shall be reviewed as part of monthly status meetings with WASD's Program Team. These reports may be used to prepare reports submitted to Florida Department of Environmental Protection as part of the Ocean Outfall Legislation requirements;
- J. Work with WASD to establish and implement both a physical and an electronic central Ocean Outfall Legislation Program document library. All documents associated with the Ocean Outfall Legislation Program, including reports, meeting agendas and minutes, transmittals, design drawings and specifications, technical memorandums, schedules, correspondence, e-mails etc., shall be managed and organized in the library. The Consultant may be requested to provide assistance to WASD in the development and management of a public website that contains information related to the execution of the Ocean Outfall Legislation Program. The Consultant shall develop templates for documents and reports to ensure consistency throughout the Consent Decree Program;
- K. Support WASD with water and sewer infrastructure public outreach of the Ocean Outfall Legislation Program which may include responding to inquiries and complaints;
- L. Participate in update meetings with regulatory agencies and develop required materials for each meeting;
- M. Support WASD in analyzing and preparing possible recommendations for modifications to the reuse provisions of the Ocean Outfall Legislation as included in the reporting requirements of the Ocean Outfall Legislation;

- N. Assist WASD in the preparation of all reports that are required by the Ocean Outfall Legislation Program to be submitted to Florida Department of Environmental Protection or other regulatory authority;
- O. Perform value engineering. This includes establishing when value engineering shall occur, the format and schedule for value engineering efforts, and establishing a standard value engineering report format and templates;
- P. Provide assistance to WASD, as-needed, with permits, regulatory and environmental review. The Consultant shall review permits and environmental work to ensure consistency with the overall Ocean Outfall Legislation Program;
- Q. Assist WASD in the review of design documents including constructability reviews, assist WASD and/or design consultant(s) with bid phase services, including but not limited to, drafting specifications, as needed;
- R. Oversee and support the design and construction administration phases of the capital program as needed and as required by WASD;
- S. Provide construction managers, construction coordinators, construction engineers, start-up specialists, inspectors, safety officers and administrative personnel for the successful execution of the Ocean Outfall Legislation Program and associated Wastewater Treatment Plants and Wastewater Collection and Transmission System capital program;
- T. Perform daily inspections, prepare daily logs, detailed review of contractors' updated and revised schedules, prepare recommendations for approval, review schedules of values, contract interpretations and clarifications, process and authorize progress payments including allowance account and change orders, review operation and maintenance manuals, respond to requests for information, and evaluate claims from contractors;
- U. Aid in the integration of consultant staff with WASD's staff;
- V. Provide financial and economic review and oversight during the course of the program;
- W. Evaluate and reconcile scope and other technical aspects and/or conflicts with the Consent Decree requirements;
- X. Prepare Basis of Design Reports (BODRs) as directed by WASD for specific projects as required by the program;
- Y. Provide advice to WASD and recommend the best construction delivery method for the various projects identified in the Plan; including alternative delivery methods (e.g. Design-Build, Construction-Management-At-Risk, Progressive Design-Build, Private/Public Partnership, etc.);
- Z. Assist WASD in achieving LEED Certification as mandated by the County for sustainable development for all of the qualifying projects to be executed under the Program.

**PARTICIPATION RESTRICTIONS:**

Proposers are advised that the selected Program and Construction Management Professional Prime Firm under Project Number E13-WASD-01R will be precluded from participating as a Prime Consultant or Subconsultant at any tier for the following project:

- Owner's Representative for Professional Engineering Services relating to the State of Florida's Ocean Outfall Legislation and Miami-Dade County's Wastewater System-Project Number E13-WASD-11.

**PROJECT LOCATION:** Throughout Miami-Dade County  
**PRIMARY COMMISSION DISTRICT:** Various Districts  
**APPROVAL PATH:** Mayor's Authority  
**ISD A&E** E13-WASD-11  
**USING DEPARTMENT:** Water and Sewer  
**MANAGING DEPARTMENT:** Water and Sewer

**Fiscal Impact / Funding Source**

**FUNDING SOURCE:** Wastewater Connection Charges  
 Future WASD Revenue Bonds  
 WASD Future Funding

**PTP FUNDING:** No  
**GOB FUNDING:** No  
**ARRA FUNDING:** No

<b>CAPITAL BUDGET PROJECT</b>	<b>CAPITAL BUDGET PROJECT # - DESCRIPTION</b>	<b><u>RTA ESTIMATE</u></b>
	962670- OUTFALL LEGISLATION Book Page: Page 118; Adopted Capital Budget Book Funding Year: 2013-2019	\$140,000,000.00

**PROJECT TECHNICAL CERTIFICATION REQUIREMENTS:**

<b><u>TYPE</u></b>	<b><u>CODE</u></b>	<b><u>DESCRIPTION</u></b>
Prime	6.01	WATER AND SANITARY SEWER SYSTEMS - WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS
Prime	6.02	WATER AND SANITARY SEWER SYSTEMS - MAJOR WATER AND SANITARY SEWAGE PUMPING FACILITIES
Prime	6.03	WATER AND SANITARY SEWER SYSTEMS - WATER AND SANITARY SEWAGE TREATMENT PLANTS
Prime	17.00	ENGINEERING CONSTRUCTION MANAGEMENT
Other	9.01	SOILS, FOUNDATIONS AND MATERIALS TESTING -

- DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES
- Other 9.02 SOILS, FOUNDATIONS AND MATERIALS TESTING - GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES
- Other 9.04 SOILS, FOUNDATIONS AND MATERIALS TESTING - NON-DESTRUCTIVE TESTING AND INSPECTIONS
- Other 10.05 ENVIRONMENTAL ENGINEERING - CONTAMINATION ASSESSMENT AND MONITORING
- Other 11.00 GENERAL STRUCTURAL ENGINEERING
- Other 12.00 GENERAL MECHANICAL ENGINEERING
- Other 13.00 GENERAL ELECTRICAL ENGINEERING
- Other 14.00 ARCHITECTURE
- Other 15.01 SURVEYING AND MAPPING - LAND SURVEYING
- Other 16.00 GENERAL CIVIL ENGINEERING
- Other 18.00 ARCHITECTURAL CONSTRUCTION MANAGEMENT
- Other 19.06 VALUE ANALYSIS AND LIFE-CYCLE COSTING - WATER AND SANITARY SYSTEMS

**SUSTAINABLE BUILDINGS ORDINANCE:** (I.O NO. 8-8) Does the project qualify for compliance with the Sustainable Buildings Ordinance? NO

**TOTAL ESTIMATED CONTRACT PERIOD:** 2190 Calendar Days Excludes Warranty Administration Period.

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

**ART IN PUBLIC PLACES:** No

**BASE ESTIMATE:** \$140,000,000.00

**OPTION TO EXTEND:**                      **AMOUNT:** \$0.00    **DAYS:** 2190    **EXTENSION COMMENT:** One (1) six (6) year option-to-renew. The County Mayor or County's Mayor's designee has the authority to authorize one (1) six (6) year option-to-renew.

**CONTINGENCY ALLOWANCE (SECTION 2-8.1 MIAMI DADE COUNTY CODE):**                      **TYPE PERCENT AMOUNT COMMENT**  
 N/A    0%                      \$0.00

**TOTAL DEDICATED ALLOWANCE:**                      \$0.00

**COST ESTIMATE:**                      \$140,000,000.00

**Track Record / Monitor**

**EXPLANATION:**                      N/A - This information will be included in the award recommendation.

**MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS:**    Yes    The Prime Consultant shall be an engineering firm experienced in all phases of wastewater engineering, including design, permitting, construction, operation and maintenance of wastewater treatment, collection, transmission and disposal systems.

The Prime Consultant shall also be able to demonstrate successful experience with Programs and Construction Management Services related to the above listed activities, as well as planning, implementing and managing similar programs of a similar size within the last ten (10) years from the date of the solicitation. The Prime Consultant must have been a Program Manager on a Wastewater Capital Program with a major utility within the last ten (10) years from the date of the solicitation. The Prime Consultant shall also be able to demonstrate successful experience in all phases of wastewater engineering related services including, but not limited to: master planning, value engineering, design, permitting, construction management, operation and maintenance for major upgrades of wastewater treatment plants and, wastewater collection and transmission systems. The Prime Consultants (whether responding alone or as a joint venture) shall be able to provide at least one (1) example where they provided a comprehensive construction management team for the upgrade of similar wastewater system with a minimum combined capital program of nine hundred million dollars (\$900,000,000.00), which could be for more than one (1) project or more than one (1) firm and the upgrade of a wastewater collection and transmission system and reclaimed water systems, including pump stations with a minimum combined capital program of four hundred million dollars (\$400,000,000.00), combined between several projects and/or Prime team members.

The Prime Consultant should also demonstrate their successful experience with design and commissioning of wastewater treatment plant upgrades including deep injection wells for effluent disposal of similar scope and complexity within the last ten (10) years from the date of this solicitation. The Prime Consultant shall

provide a list of members of the proposed Design Team, identifying the overall Design Manager(s), and the team leaders for key design specialties (process, civil, structural, mechanical, electrical, and instrumentation) and the specific role each of them will perform.

The Prime Consultant shall provide descriptions of at least one (1) successfully designed, constructed and operating major new or upgraded wastewater treatment plant in which the Prime Consultant has served as the designer within the past ten (10) years from the date of this solicitation. For projects which the Prime Consultant has served as the design consultant, the Prime Consultant shall provide the name and contact information for a Utility Executive with the Utility they served as the design consultant who can confirm their role. The descriptions shall include the client (i.e., municipality or agency), key project staff, the project name, a summary of the work performed, the contract amount, the schedule (to include start and completion dates), the specific role of the prime firm, the achievements (e.g., projects delivered on schedule, dollars saved, innovative designs implemented, new technology utilized), and a client reference and contact information.

The Subconsultants shall provide a description of at least one (1) program or project that is relevant to this Scope of Work within the past ten (10) years from the date of this solicitation specific to their proposed responsibilities. The descriptions shall include the client (i.e., municipality or agency), key project staff, a summary of the work performed, the contract amount, the schedule (to include start and completion dates), and the specific role of the subconsultant firm, the project's achievements, and client reference as well as contact information.

#### Project Approach and Team Integration

WASD, along with the Program and Construction Management Consultant, acting on behalf of WASD, will oversee the design and provide construction management services for the capital improvement Ocean Outfall Legislation projects in the wastewater treatment plants. The Respondent shall outline how the proposed team would approach the scope of work for design services. This shall include, but not be limited to the following:

- A. Describe how your team will complete the responsibilities and tasks outlined in the scope of work;
- B. Include a clear description of the work tasks and methods to be utilized;
- C. Identify any significant risks based on previous experience involved in successfully completing the scope of work and describe the steps/strategies they will take to manage these risks;
- D. Provide specific ideas and recommendations to properly address future climate change impacts such as sea level rise, storm surge, wind and flooding;
- E. Articulate how coordination between federal, state and local regulations, including, but not limited to, permits and the

Consent Decree can be properly coordinated; and  
 F. Include recommendations or suggestions of areas that should be included, that may not have been listed herein.

**REVIEW COMMITTEE:**                    **MEETING DATE: 3/7/2014: SIGNOFF DATE: 3/26/2014**

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

<b>REVIEW COMMITTEE ASSIGNED CONTRACT MEASURES:</b>	<b><u>TYPE</u> <u>GOAL</u></b>	<b><u>COMMENT</u></b>
	CBE 28.00%	Per Administrative Order 3-32

**MANDATORY CLEARING  
HOUSE:**                                    Yes

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

**PROJECT MANAGER NAME  
PHONE / EMAIL:**                    Juan Carlos Arteaga    786-552-8112    jcarteaga@miamidade.gov

**Background**

**BACKGROUND:**                        The Ocean Outfall Legislation requires diverting all flows from the County’s outfalls by 2025, primarily impacting the Central and North District Wastewater Treatment Plants resulting in reduced plant capacity and the addition of High Level Disinfection, filtration and disinfection to all of the North and Central District non-peak flows. In addition, the Ocean Outfall Legislation requires reuse of sixty percent (60%) of these flows resulting in the need to construct a new plant to be located in the central-western area of the County; as well as all other related alterations to the transmission and collection systems.

The Ocean Outfall Legislation required submission of an implementation plan to the Florida Department of Environmental Protection by July 1, 2013. On June 28, 2013, WASD submitted to Florida Department of Environmental Protection an implementation plan titled “Water and Sewer Department Ocean Outfall Legislation Compliance Plan (“Plan”) which describes the recommended \$3.32 billion Plan. The total Capital Plan is \$6.2 billion of which \$3.2 billion is directly related to Ocean Outfall Legislation. It can be accessed online at [www.miamidade.gov/water](http://www.miamidade.gov/water) under “Ocean Outfall Legislation Plan”. In addition to the Plan, other key provisions of the Ocean Outfall Legislation, include the following at minimum:

1. By July 1, 2016, submit update of Plan documenting any refinements in costs, actions and financing;
2. Meet Advance Wastewater Treatment by December 31, 2018, or Reduce cumulative outfall loadings (from 2008-2025) equivalent to Advance Wastewater Treatment from 2018-2025;
3. By December 31, 2025, stop outfall usage (except for wet weather peak flow usage up to five percent (5%) of baseline flow) and implement sixty percent (60%) reuse;
4. Considers credit for reuse at other facilities, such as WASD’s /Florida Power & Light ninety (90) million gallons per day reuse project.





## Small Business Development Division Project Worksheet

**Project/Contract Title:** OWNER'S REPRESENTATIVE FOR PROFESSIONAL ENGINEERING SERVICES RELATING TO THE STATE OF FLORIDA'S OCEAN OUTFALL LEGISLATION AND MIAMI-DADE COUNTY'S WASTEWATER SYSTEM  
**Received Date:** 03/07/2014  
**Project/Contract No:** E13-WASD-11  
**Funding Source:** MULTIPLE  
**Resubmittal Date(s):**  
**Department:** WATER & SEWER DEPARTMENT  
**Estimated Cost of Project/Bid:** \$140,000,000.00  
**Description of Project/Bid:** To establish a Professional Services Agreement for professional engineering services relating to the State of Florida's Ocean Outfall Legislation (OOL) and Miami-Dade County's Wastewater System. The OOL requires diverting all flows from the County's Outfalls by 2005, primary impacting the Central and North District Wastewater Plants resulting in reduced plant capacity and the addition of High Level Disinfection (HLD).

### Contract Measures Recommendation

Measure	Program	Goal Percent
Goal	CBE	28.00%

### Reasons for Recommendation

This project meets all the criteria set forth in I.O. 3-32, Section V.

The fifteen (15) Tier 1 and Tier 2 CBE firms certified in the Technical Categories (TC) identified for the prime (6.01, 6.02, 6.03 & 17.00) were polled, (along with the (complex) level of scope of services and the related requirements and qualifications; the responses were insufficient to support a "Set-Aside" of any kind; however, an increase in the recommendation of a sub-consultant goal is appropriate, based on the responses from CBE firms in some of the sub-consultant (TCs) or scopes of services.

SIC 871 - Architectural and Engineering

Technical Category: 0601-W & S Sewer Sys-Water Dist & Sanitary Sewage Coll; 0602-W & S Sewer Sys-Major Water & Sewer Pumping Facili; 0603-W & S Sewer Sys-W & S Sewage Treatment Plant; 0901-Drilling Subsurface Investigations & Seismographic; 0902-Geotechnical & Materials Engineering Services; 0904-Non-Destructive Testing And Inspections; 1005-Environmental Eng-Contamination Assess & Monitor; 1100-General Structural Engineering; 1200-General Mechanical Engineering; 1300-General Electrical Engineering; 1400-Architecture; 1501-Surveying And Mapping-Land Surveying; 1600-General Civil Engineering; 1700-Engineering Construction Management; 1800-Architectural Construction Management; 1906-Value Analysis/Life-Cycle Costing-Water & Sanitary

### Small Business Contract Measure Recommendation

Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
W & S SEWER SYS-WATER DIST & SANITARY SEWAGE COLL	CBE	\$1,400,000.00	1.00%	72
W & S SEWER SYS-MAJOR WATER & SEWER PUMPING FACILI	CBE	\$2,800,000.00	2.00%	51
GENERAL STRUCTURAL ENGINEERING	CBE	\$16,800,000.00	12.00%	44
ARCHITECTURE	CBE	\$2,800,000.00	2.00%	71
ENVIRONMENTAL ENG-CONTAMINATION ASSESS & MONITOR	CBE	\$1,400,000.00	1.00%	20
GENERAL CIVIL ENGINEERING	CBE	\$5,600,000.00	4.00%	83
ENGINEERING CONSTRUCTION MANAGEMENT	CBE	\$2,800,000.00	2.00%	109
DRILLING SUBSURFACE INVESTIGATIONS & SEISMOGRAPHIC	CBE	\$2,800,000.00	2.00%	9
GEOTECHNICAL & MATERIALS ENGINEERING SERVICES	CBE	\$1,400,000.00	1.00%	14
SURVEYING AND MAPPING-LAND SURVEYING	CBE	\$1,400,000.00	1.00%	237
<b>Total</b>		<b>\$39,200,000.00</b>	<b>28.00%</b>	

Living Wages: YES  NO

Responsible Wages: 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: OWNER'S REPRESENTATIVE FOR PROFESSIONAL ENGINEERING SERVICES RELATING TO THE STATE OF FLORIDA'S OCEAN OUTFALL LEGISLATION AND MIAMI-DADE COUNTY'S WASTEWATER SYSTEM
Project/Contract No: E13-WASD-11
Department: WATER & SEWER DEPARTMENT
Estimated Cost of Project/Bid: \$140,000,000.00

Received Date: 03/07/2014

Funding Source: MULTIPLE

Resubmittal Date(s):

REVIEW RECOMMENDATION

Form with fields: Tier 1 Set Aside, Tier 2 Set Aside, Set Aside (Level 1, 2, 3), Trade Set Aside (MCC), Goal, Bid Preference, No Measure, Deferred, Selection Factor, CWP. Includes signature of SBD Director and date 3/26/14.

## FY 2013 - 14 Adopted Budget and Multi-Year Capital Plan

- In FY 2012-13, legislation modifying the State Ocean Outfall Statute was signed into law by the Governor of Florida that provides additional flexibility for the Department to manage peak flows and to fulfill all wastewater reuse requirements in the statute; these changes save the Department approximately \$1 billion in project costs, which is budgeted at \$2.9 billion through 2025

### FUNDED CAPITAL PROJECTS

(dollars in thousands)

#### OUTFALL LEGISLATION

PROJECT #: 962670

DESCRIPTION: Elimination of outfall flows to the ocean  
 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 Connection Charges	11,583	4,017	0	0	0	0	0	0	15,600
Future WASD Revenue Bonds	0	0	1,865	1,441	105,801	101,550	75,483	1,306,445	1,592,585
WASD Future Funding	0	0	0	0	0	0	0	1,379,745	1,379,745
<b>TOTAL REVENUES:</b>	<b>11,583</b>	<b>4,017</b>	<b>1,865</b>	<b>1,441</b>	<b>105,801</b>	<b>101,550</b>	<b>75,483</b>	<b>2,686,190</b>	<b>2,987,930</b>
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	0	1,521	182	140	10,316	9,901	7,360	261,904	291,324
Construction	0	14,079	1,683	1,300	95,485	91,649	68,124	2,424,286	2,696,606
<b>TOTAL EXPENDITURES:</b>	<b>0</b>	<b>15,600</b>	<b>1,865</b>	<b>1,440</b>	<b>105,801</b>	<b>101,550</b>	<b>75,484</b>	<b>2,686,190</b>	<b>2,987,930</b>

Estimated Annual Operating Impact will begin in FY 2018-19 in the amount of \$270,000

#### SYSTEM IMPROVEMENTS PROJECT - GENERAL OBLIGATION BONDS (GOB)

PROJECT #: 962830

DESCRIPTION: Replace undersized water mains and install new fire hydrants  
 LOCATION: Various Sites  
 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
BBC GOB Financing	200	3,771	816	12,647	27,103	27,765	9,815	0	82,117
BBC GOB Series 2005A	709	0	0	0	0	0	0	0	709
BBC GOB Series 2008B	1,018	0	0	0	0	0	0	0	1,018
BBC GOB Series 2008B-1	2,222	0	0	0	0	0	0	0	2,222
BBC GOB Series 2011A	2,598	0	0	0	0	0	0	0	2,598
<b>TOTAL REVENUES:</b>	<b>6,747</b>	<b>3,771</b>	<b>816</b>	<b>12,647</b>	<b>27,103</b>	<b>27,765</b>	<b>9,815</b>	<b>0</b>	<b>88,664</b>
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	649	600	0	75	0	0	0	0	1,324
Construction	6,098	3,071	716	12,522	27,103	27,765	9,815	0	87,090
Project Administration	0	100	100	50	0	0	0	0	250
<b>TOTAL EXPENDITURES:</b>	<b>6,747</b>	<b>3,771</b>	<b>816</b>	<b>12,647</b>	<b>27,103</b>	<b>27,765</b>	<b>9,815</b>	<b>0</b>	<b>88,664</b>

Department: Water and Sewer

3/24/2014 10:52:44 AM

**BUDGET PROJECT 962670 - (As per 2013-2014 Approved Budget)**

Project Title: 962670-OUTFALL LEGISLATION

Project Desc: Elimination of outfall flows to the ocean

CDP Project Revenue									
CDP Revenue:	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
Future WASD Revenue B	0	0	0	0	0	1,865,000	1,441,000	1,589,279,000	1,592,585,000
WASD 2013 Revenue Bon	0	0	0	0	0	0	0	0	0
WASD Future Funding	0	0	0	0	0	0	0	1,379,745,000	1,379,745,000
WASD Revenue Bonds So	0	0	0	0	0	0	0	0	0
Wastewater Connection	0	0	11,583,000	0	4,017,000	0	0	0	15,600,000
Wastewater Constructi	0	0	0	0	0	0	0	0	0
Wastewater Constructi	0	0	0	0	0	0	0	0	0

CIIS Site Funding Info									
SITE Location/Desc:	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
76018 - 3071 SW 38 AVE 33146- Budget	0	0	0	6,169,000	15,019,000	0	16,911,000	3,374,042,000	3,412,141,000

Desc: Elimination of outfall flows to the ocean

	05- 06- 07- 08-												18- 19- 20- 21- 22- 23-				Total:				
	Recs:	06:	07:	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:
CIIS Proposed RV:	3	0	0	0	0	136,000	6,028,000	16,647,000	4,878,000	1,846,000	29,882,000	138,807,000	386,394,000								584,618,000.00
CIIS Proposed MS:	6	0	0	0	0	136,000	6,028,000	16,647,000	4,878,000	1,846,000	29,882,000	138,807,000	94,073,000	292,321,000							584,618,000.00

CIIS Proposed Book Report

PROJECT REPORT 4

EXIT

**Current Contracts for Project 962670**

Dept	ContractNo	Contract Name	RTA / MCC Award / MCC		
			Estimated Allocation	Award Allocation	CIIS Award
WS	E13-WASD-11	Owner's Representative for Professional Engineering Services relating to the State of Florida's Ocean Outfall Legislation and Miami-Dade County's Wastewater System	\$140,000,000.00	\$0.00	\$0.00

**There are no Contracts for Sites of Project 962670**

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