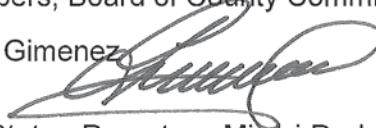


# Memorandum



**Date:** February 3, 2015

**To:** Honorable Chairman Jean Monestime  
and Members, Board of County Commissioners

**From:** Carlos A. Gimenez  
Mayor 

**Subject:** Monthly Status Report on Miami-Dade Water and Sewer Department's Infrastructure Projects- December 2014

Agenda Item No. 2(B)5

At the November 15, 2013 Board of County Commissioners meeting, Chairwoman Sosa issued a directive requesting that the Miami-Dade Water and Sewer Department (WASD) prepare and submit monthly reports on the status of its water and sewer infrastructure projects and the project expenditures by funding source. These reports are now placed on the Infrastructure and Capital Improvements Committee (ICIC) agenda each month. In addition, at the March 11, 2014 ICIC Committee meeting, Commissioner Zapata requested a monthly status report of the County's Consent Decree capital projects. WASD prepared the attached reports: 1) Exhibit A shows all project related procurement activity as of December 16, 2014 including those projects authorized by Ordinance 14-77; 2) Exhibit B lists water and sewer infrastructure project expenditures by funding source; and 3) Exhibit C provides an update on the County's Consent Decree capital projects.

Exhibit A contains information on WASD's projects from the first phase of the County's procurement process to the time the project is sent to the Board of County Commissioners as a contract award recommendation for approval. It is placed on a committee agenda each month in addition to being posted on the County's website (<http://www.miamidade.gov/water/>). Furthermore, prior to advertising a project, the project solicitations are posted on the Internal Services Department's webpage (<http://www.miamidade.gov/procurement/solicitations.asp>) and on the Small Business Development Division's webpage (<http://www.miamidade.gov/business/business-certification-programs-CBE.asp#1>) for industry review and comment for a minimum of two (2) weeks.

Exhibit B lists water and sewer infrastructure project expenditures by funding source (i.e. Bonds, Plant Expansion, Renewal and Replacement). The expenditures listed are not current; they are 30 days in arrears as reported by WASD's financial system.

Exhibit C provides information related to the County's Consent Decree capital projects in terms of: a) project estimated costs and actual costs; b) project projected start date and actual start date; and c) project actual completion date and regulatory completion date.



Jack Osterholt  
Deputy Mayor

# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No. 14-77	Yes/No	ISD Project No. & Project Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review CBE Goal (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
1	No	E13-WASD-04 Various Commission Districts (Consent Decree Project) Design Services for Wastewater Collection & Transmission System related to the Consent Decree Projects	\$44 million  968150 Wastewater Collection Transmission Lines	Review Item sent 10/1/13 received 10/24/13 30% CBE	Request for Qualifications/ Negotiations	2/12/2014	6/2/2014	9/2/2014  9/16/2014	12/15/2014  Committee Waiver Requested  12/16/2014	9/26/2014 received Mayor's approval to negotiate with highest ranking firm:  HDR Engineering, Inc.  10/27/2014 First negotiation meeting  10/31/2014 Concluded negotiations  12/16/2014 BCC approved contract award recommendation
2										

**\*Summary of Minimum Experience & Qualifications:**

- Prime Consultants must have experience with design and commissioning of wastewater collection and transmission system upgrades of similar scope and complexity and should have at least one successfully designed, constructed and operated a major new or upgraded wastewater collection pipeline and pump station within the last ten years from the date of this solicitation.
- The Sub-consultants should have at least 1 project relevant to this scope within the past 10 years.

# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No. 14-77	Yes/No	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review CBE Goal (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
2	No	E13-WASD-05 Various Commission Districts <b>(Consent Decree Project)</b> Design Services for Wastewater Treatment Plant related to the Consent Decree Projects	\$66 million 964120 Wastewater Treatment Plants	Review Item sent 11/5/2013 Received 11/18/13 30% CBE	Request for Qualifications/ Negotiations	2/12/2014	6/2/2014	7/31/2014 8/11/2014	12/15/2014 Committee Waiver Requested 12/16/2014	8/18/2014 Received Mayor's approval to negotiate with highest ranking firm: MWH Americas, Inc.  9/22/2014 First negotiation meeting  10/7/2014 Second negotiation meeting concluded  12/16/2014 BCC approved contract award recommendation
3										

**Summary of Minimum Experience & Qualifications:**

- The Prime Consultant must have designed and commissioned 1 wastewater treatment plant upgrades of similar scope and complexity and have at least 1 successfully designed, constructed and which is currently under operations for a major new or upgraded wastewater treatment plant(s) of similar size and scope within the last 10 years.
- The Sub-consultants shall have at least 1 project t relevant to this scope within the past 10 years.



# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No. 14-77	Yes/No	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review (Community Based Enterprise) Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
3	No	E13-WASD-06 Various Commission Districts <b>(Consent Decree Project)</b> Engineering Services for Capacity, Management, Operations & Maintenance Program related to the Consent Decree Projects	\$16.5 million Operating Revenue	Review Item sent 10/1/13 Received 11/7/13 32% CBE	Request for Qualifications/ Negotiations	2/12/2014	6/2/2014	7/30/2014 N/A	12/15/2014 Committee Waiver Requested 12/16/2014	8/18/2014 Received Mayor's approval to negotiate with highest ranking firm:  Woolpert, Inc.  10/6/2014 First negotiation meeting  10/23/2014 Concluded second negotiation meeting  12/16/2014 BCC approved contract award recommendation

**Summary of Minimum Experience & Qualifications:**

- The Prime Consultant must have 1 Capacity, Management, Operations & Maintenance and/or asset management program which they planned, implemented and managed for a major utility of similar size within the past ten years.
- The Consultant's team must demonstrate successful experience: Geographic Information Systems; Asset Management System; Project Control and Tracking System and PeopleSoft.

4	No	DB14-WASD-01 Commission Districts 2 <b>(Consent)</b>	\$13.5 million 968750 Wastewater	Draft Review item sent 2/18/14 Final item	Step 1 – Evaluation of Qualifications and	5/2/2014	5/9/2014	7/22/2014 9/25/2014	12/16/2014 Committee Waiver Requested	10/14/2014 Received Mayor's approval to
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# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No.	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review (Community Based Enterprise) Goal CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
14-77  Yes/No	<b>Decree Project)</b> Design-Build Services for Replacement/ Rehabilitation of 72-inch Sanitary Sewage Force Main along NW/NE 159th Street Between Northwest 17th Avenue and N.E. 10th Avenue for the 72-inch Force Main	Pipes and Infrastructure Projects	sent 3/11/14 Received 4/3/2014 15.50% CSBE 30% CBE 10% CWP	Step 2 – Evaluation of Technical and Price Proposal (lowest adjusted bid)				12/16/2014	negotiate with the highest ranking firm:  Ric-Man Construction of Florida  10/22/2014 First negotiations meeting  10/28/2014 Second negotiations meeting  12/16/2014 BCC approved Project to be re-advertised as an emergency best and final offer to the three shortlisted proposers.
5									
<p><b>Summary of Minimum Experience &amp; Qualifications:</b></p> <ul style="list-style-type: none"> <li>The Design-Builder must have performed 2 pipeline rehabilitation projects, 1 of which was a minimum length of 1,000 linear feet with a minimum 48-inch diameter.</li> <li>The Lead Constructor must have constructed and the Lead Designer must have designed at least two Cure-In-Place-Pipe projects consisting of Class IV fully structural for pressure pipe, one of which was a minimum of 1,000 linear feet and a minimum 48-inch internal diameter.</li> <li>The Lead Constructor and the Lead Designer must have installed and designed 2 continuous sliplining projects with Class IV fully structural fusible high density polyethylene for pressure pipe, 1 of which was a minimum of 1,000 linear feet, and a minimum 48-inch internal diameter.</li> </ul>									

# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No. 14-77	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
Yes/No									
5	DB13-WASD-03 <i>Commission District 5</i> Design-Build Services for the Replacement of Water Mains and Service Conversions in the Shenandoah Area in the City of Miami Phase A	\$11.1 million 9653311 Water Distribution System Extension & Enhancement	Review Item Sent 11/20/13 Received 1/14/14 26% CBE 20% CSBE 12.40 CWP	Step 1 – Evaluation of Qualifications and Step 2 – Evaluation of Technical and Price Proposal (lowest adjusted bid	4/11/2014	4/17/2014	7/23/2014 10/15/2014	1/13/2015 2/3/2015	COS  10/27/2014 Mayor approved to authorize to negotiate with the highest ranking firm:  Ric-Man Construction Florida, Inc.  12/1/2014 First negotiation meeting concluded  Pending contract to be executed by Ric-Man Construction Inc.

**Summary of Minimum Experience & Qualifications:**

- The Lead Constructor must have constructed 5 water main projects in an urban environment with a minimum of 50,000 linear feet of installation and minimum 8-inch nominal diameter.
- The Lead Designer must have designed 5 water main installation projects in an urban environment with a minimum of 10,000 linear feet of minimum 8-inch nominal diameter.
- Sub-consultants must demonstrate to have designed 3 projects within the 10 years.

# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No. 14-77	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
Yes/No									
6	DB13-WASD-04 <i>Commission District 5</i> Design-Build Services for the Replacement of Water Mains and Service Conversions in the Shenandoah Area in the City of Miami Phase B	\$11.4 million 9653311 Water Distribution System Extension & Enhancement	Review Item Sent 11/20/13 Received 1/14/14 26% CBE 20% CSBE 12.40 CWP	Step 1 – Evaluation of Qualifications and Step 2 – Evaluation of Technical and Price Proposal (lowest adjusted bid	4/11/2014	4/17/2014	7/23/2014 10/21/2014	1/13/2015 2/3/2015	COS 10/27/2014 Mayor approved authorization to negotiate with the highest ranking firm:  Lanzo Construction Co., Inc.  11/20/2014 First negotiation meeting concluded  Pending contracts to be executed by Lanzo Construction Co., Inc.

Summary of Minimum Experience & Qualifications:

- The Lead Constructor must have 5 water main projects in an urban environment with a minimum of 50,000 linear feet of installation and minimum 8-inch nominal diameter.
- The Lead Designer must have designed 5 water main installation projects in an urban environment with a minimum of 10,000 total linear feet of minimum 8-inch nominal diameter.
- Sub-consultants must have designed 3 projects within the 10 ten years.



# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No. 14-77	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
7	E13-WASD-10 Various Commission Districts Engineering services for Design of Upgrades for Water Distribution & Transmission and Sanitary Sewage Collection & Trans. Systems	Two (2) agreements \$5.5 million each Various Projects	Review Item sent 1/27/2014 Received 2/19/2014 25%	Request for Qualifications/ Negotiations	4/15/2014	4/22/2014	7/18/2014 N/A	1/13/2015 2/3/2015	8/6/2014 Mayor approved to authorize to negotiate with the two highest ranking firms:  9/23/2014 First negotiations meeting  10/14/2014 Second negotiations meeting  King Engineering Associates, Inc.  Pending Contract award recommendation approval  9/26/2014 First negotiations meeting concluded



# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No. 14-77	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
Yes/No									Pending Contract award recommendation approval A & P Consulting Transportation Engineers, Corp.
<p><b>Summary of Minimum Experience &amp; Qualifications:</b></p> <ul style="list-style-type: none"> <li>The Prime Consultant must demonstrate design experience with a large diameter pipelines (36-inch and greater) and with both micro-tunneling and horizontal directional drilling within the 10 years.</li> <li>The Prime Consultant shall have 1 project designed, constructed and operated new or upgraded water transmission pipeline and wastewater collection and wastewater transmission pipeline within the 10 years.</li> </ul>									
8	No E14-WASD-01 Various Commission Districts Engineering and Geological Services Water, Wastewater and Reclaimed Water Planning Services	\$7.7 million Operating Revenues	Review item sent 3/25/2014 Received 4/16/2014 Revised item 6/4/2014 Received 6/11/2014 30% CBE	Request for Qualifications/ Negotiations	7/30/2014	8/11/2014	11/13/2014 TBD	TBD	COS 10/28/2014 Mayor approved Competitive Selection Committee appointment 11/13/2014 First Tier meeting 12/8/2014 Received Mayor's approval to negotiate with Tetra Tech

# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No. 14-77	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review CBE Goal (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/ Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
Yes/No									
<p><u>Summary of Minimum Experience &amp; Qualifications:</u></p> <ul style="list-style-type: none"> <li>The Prime Consultant must have two water and wastewater master plans for utilities with total projected average flow of over ten million gallons per day; developed a reclaimed water system master plan of over 250,000 gallons per day within 10 years.</li> <li>The Prime and/or Sub-consultant must demonstrate 1 administrative office and/or maintenance support facilities study for an organization with at least 1,500 employees within 10 years.</li> </ul>									
9	E14-WASD-03 Various Commission Districts Professional engineering services relating to the operations and maintenance of the Water and Sewer Department's water system	\$10 million Operating Revenues	Review Item sent 7/25/2014 Received Item 8/14/2014 32% CBE 1% SBE	Request for Qualifications/ Negotiations	9/29/2014	10/8/2014	TBD	TBD	COS 11/12/2014 Proposals submittal deadline extended Pending Competitive Selection Committee approval
10	E14-WASD-02 Various Commission Districts Professional Cost Estimating and Scheduling Services	\$10 million with a \$5 million Option-to-Renew Operating Revenues	Review Item sent 10/30/2014 Received item 11/15/2014 30.05% CBE .05% SBE	Request for Qualifications/ Negotiations	12/15/2014	TBD	TBD	N/A	COS 12/15/2014 Project Advertised
<p><u>Summary of Minimum Experience &amp; Qualifications:</u></p> <ul style="list-style-type: none"> <li>The Prime Consultant must be an engineering firm experienced in all phases of water engineering with particular expertise on the operation and maintenance of water treatment plants and transmission/distribution systems and have at least one successful project in which it has provided such services for a major utility of similar size within the past ten years from the date of solicitation.</li> </ul>									

# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No. 14-77	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review CBE Goal (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
Yes/No									
<b>Summary of Minimum Experience &amp; Qualifications:</b> <ul style="list-style-type: none"> <li>The Prime Consultant must have 5 years' experience in providing cost estimating and scheduling services.</li> <li>The Prime and/or the Sub-consultants must have completed 1 cost estimating or scheduling project, in excess of \$500,000,000.00.</li> </ul>									
11	W-927 Commission District 10 Southwest Wellfield Middle Lagoon Removal of Calcium Carbonate	\$13,590,050 Water Operating Revenues	CBE: N/A CSBE 15.70%	Invitation to Bid to the lowest responsive bidder	12/3/2014	12/11/2014	N/A	N/A	COS  Currently being Advertised. Pre-Bid Meeting held 12/11/14
11									
<b>Summary of Minimum Experience &amp; Qualifications:</b> <ul style="list-style-type: none"> <li>One of the following licenses is required: State General Contractor, General Engineering Contractor, and/or other categories as applicable to Chapter 489 of the Florida Statutes or Chapter 10 of the Miami-Dade County Code.</li> </ul>									
12	W-866 Various Commission Districts (Consent Decree) Two Year Countywide Contract for Rehabilitation of Sanitary Sewers by the Cured-In-Place Pipe Lining Method	\$6,100,050 968150 – Wastewater Collection and Transmission Lines - Consent	CBE: N/A CSBE: No measure due to insufficient availability CWP: N/A	Invitation to Bid to the lowest responsive bidder	7/10/2014	7/22/2014	N/A	TBD	COS 9/25/2014 Six bids received  Low bidder: Hinterland Group, not qualified  Preparing Award to Second low bidder: Insituform Technologies



# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No. 14-77	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review CBE Goal (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
Yes/No									

**Summary of Minimum Experience & Qualifications:**

- Bidders must have installation of the liner product for 1 year, and performed amount of 100,000 linear feet of sanitary sewer repairs of 6- 24 inches in diameter (or larger) in sub-aqueous conditions.
- Bidders must prove that the liner system must have a documented minimum amount of 500,000 linear feet of any pipe diameter of successful wastewater installation in the United States.

## PROJECTS TO BE ADVERTISED WITHIN 90 DAYS

13 N	Yes	DB14-WASD-09 Various Commission Districts Design-Build Services for Installation of a 36-inch Diameter Sanitary Sewer Force Main located at 107 Avenue between N.W. 7 Street to N.W. 25 Street	\$8 million	Proposed 13% CBE .25% SBE 2.0% CSBE	Step 1 – Evaluation of Qualifications and Step 2 – Evaluation of Technical and Price Proposal (lowest adjusted bid	TBD	TBD	TBD	Pending CBE/SBE/CSBE goal recommendation approval
14	Yes	DB14-WASD-05 Commission District 3 Design-Build Services for Furnishing and Installing a 48-inch Force Main along North Miami Avenue from N.W. 8	\$21 million 9650241 Central Miami-Dade Wastewater Transmission Mains and Pump Station	Proposed 17.5% CBE .25% SBE 11.2% CSBE	Step 1 – Evaluation of Qualifications and Step 2 – Evaluation of Technical and Price Proposal (lowest adjusted bid	TBD	TBD	TBD	Pending CBE/SBE/CSBE goal recommendation approval

# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No. 14-77	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
Yes/No									
15	Street along to 36 Street and along N.E. 36 Street from North Miami Avenue to N.E. 2 Avenue DB14-WASD-03 Various Commission Districts Design-Build Criteria Package for the Proposed 48-inch Diameter Water Transmission Main for Area "N"	\$69.3 million 9653311 Water Distribution System Enhancement	Proposed 15% CBE .25% SBE 6.88% CSBE	Step 1 – Evaluation of Qualifications and Step 2 – Evaluation of Technical and Price Proposal (lowest adjusted bid)	TBD	TBD	TBD	TBD	Pending CBE/SBE/CSBE goal recommendation approval
13									
16	DB14-WASD-08 Commission District 7 Alexander Orr Water Treatment Plant Drinking Water Laboratory	\$9.1 million	TBD	Step 1 – Evaluation of Qualifications and Step 2 – Evaluation of Technical and Price Proposal (lowest adjusted bid)	TBD	TBD	TBD	TBD	Documents under Development

# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No. 14-77	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
Yes	DBOF14-WASD-01 <i>Commission District 8</i> Design-Build Operate-Finance for the South Miami Heights Water Treatment Plant Program	TBD	TBD	Step 1 – Evaluation of Qualifications and Step 2 – Evaluation of Technical and Price Proposal (lowest adjusted bid	TBD	TBD	TBD	TBD	Documents under development
Yes	S-868 <i>Various Commission Districts (Consent Decree Project)</i> Two Year Countywide Contract for Removal and Replacement of Sanitary Sewer Gravity Mains	\$6,517,350 968150 – Wastewater Collection and Transmission Lines - Consent	CBE: N/A CSBE: 27% measure due to insufficient availability CWP: N/A	Invitation to Bid to the lowest responsive, responsible bidder	N/A	N/A	N/A	N/A	RTA approved Pending Advertisement
Yes	DB14-WASD-06 Design-Build Services for the Replacement of Water Mains and Service Conversions in the South Miami Heights Area (Phase A)	\$24 million	Proposed 26% CBE 20% CSBE 12.4% CWP .05%	Step 1 – Evaluation of Qualifications and Step 2 – Evaluation of Technical and Price Proposal (lowest adjusted bid	TBD	TBD	TBD	TBD	



# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No. 14-77	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
Yes/No									
20	DB14-WASD-07 Design-Build Services for the Replacement of Water Mains and Service Conversions in the South Miami Heights Area (Phase B)	\$25 million	Proposed 26% CBE 20% CSBE 12.4% CWP .05%	Step 1 – Evaluation of Qualifications and Step 2 – Evaluation of Technical and Price Proposal (lowest adjusted bid)	TBD	TBD	TBD	TBD	
21	RTQ-00103 Various Commission Districts (including Consent Decree Projects) Protective Coating Services	\$48 million Proprietary Revenues	CSBE Trade Set-Aside for Site Preparation Contractors CWP Goal 10% also Responsible Wages-Heavy Construction	Pre-Qualification Pool	TBD	N/A	N/A	TBD	Documents under development

## AWARDED CONTRACTS

22	S-869 Commission District 7 (Ocean Outfall Legislation Project) Central District Wastewater Treatment Plant - Industrial Waste	\$19,887,887 9653421-Central District Upgrades - Wastewater Treatment Plant	CBE: N/A CSBE: No measure due to insufficient availability CWP: N/A	Invitation to Bid to the lowest responsive, responsible bidder	5/8/2014	5/21/2014	N/A	8/29/2014 10/21/2014	10/21/2014 BCC approved Youngquist Brothers, Inc. R-935-14
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# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No. 14-77	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
Yes/No	Deep Injection Well System								
23	N/A E13-WASD-11 Various Commission Districts Owner's Representative for Engineering Services for Ocean Outfall Legislation	\$139,394,748 . million 962670 Outfall Legislation	Review item sent 3/3/2014 Received 3/26/2014 28% CBE	Request for Qualifications/ Negotiations	4/24/2014	6/2/2014	7/29/2014 8/14/2014	N/A 10/21/2014	10/21/2014 BCC approved CH2M Hill, Inc. R-936-14
24	N/A E13-WASD-07 Various Commission Districts (Consent Decree Project) Geographic Information Systems Utility Backlog	\$9.9 million Operating Revenues	Review Item sent 10/1/13 received 10/24/13 20% CBE	Request for Qualifications/ Negotiations	12/9/2013	12/18/2013	4/11/2014 5/12/2014	7/8/ 2014 7/15/2014	7/15/2014 BCC approved Woolpert, Inc. R-674-14
25	N/A E13-WASD-03 Various Commission Districts Design Services for the Implementation of Pump Station Improvement Program	Five (5) Agreements \$3.3 million Each 9651071 Pump Station Improvement Program	Review Item sent 8/26/13 Received 9/13/13 40% CBE each	Request for Qualifications/ Negotiations	1/17/2014	1/28/2014	4/21/2014 N/A	7/8/ 2014 7/15/2014	7/15/2014 BCC approved King Engineering Associates, Inc. R-677-14  Stantec Consulting Services, Inc. R-675-14

# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No. 14-77	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)	
Yes/No										
26	N/A	DB12-WASD-01 <b>(Consent Decree Project)</b> Design-Build services for the replacement of the existing 54-inch sanitary sewage force main from the Central District Wastewater Treatment Plant to Fisher Island, under Norris Cut Channel	\$72,101,600 million	Review Item sent 1/17/13 Received 2/1/13 10.9% CSBE 22% CBE	Step 1 – Evaluation of Qualifications and Step 2 – Evaluation of Technical and Price Proposal (lowest adjusted bid	2/26/2013	3/8/2013	4/17/2014 6/26/2013 reconvened 7/03/2013	12/10/13 12/17/13	12/17/2013 BCC approved Nicholson Construction Company R-1060-13



# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No. 14-77	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
27	N/A	DB13-WASD-01 <i>Commission District 5 (Brickell Basin Project)</i> Design-Build Services for Gravity Sewer Interceptors for Pump Station No. 3	\$12,107,000 million 9653371 Peak Flow Management Facilities	Review Item Sent 7/26/13 Received 7/31/13 17.5% CBE 11.2% CSBE	Step 1 – Evaluation of Qualifications and Step 2 – Evaluation of Technical and Price Proposal (lowest adjusted bid)	8/22/2013	10/8/2013 12/11/2013	2/11/2014 2/19/2014 Waiver approved	2/19/2014 BCC approved Ric-Man Construction, Inc. R-174-14
28	N/A	S-852 <i>Commission District 5 (Brickell Basin Construction Project)</i> Proposed Master Pump Station No. 3	\$21,976,500 million 9653371 Peak Flow Management Facilities	2.59% CSBE	Invitation to Bid to the lowest responsive, responsible bidder	6/27/2013	N/A	N/A 2/19/2014	2/19/2014 BCC approved Poole & Kent Company R-173-14
29	N/A	Expression of Interest (EOI) Public-Private Partnership N/A	N/A	N/A	N/A	N/A	N/A	N/A	2/14/2014 31 responses received for EOI

# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

Accelerate Ordinance No. 14-77	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
N/A	E13-WASD-02-R <i>Various Commission Districts</i> Program and Construction Management Services for the Implementation of a Pump Station Improvement Program	\$17.6 million	Review Item sent 5/20/13 Received 5/20/13 29% CBE	Request for Qualifications/ Negotiations	6/6/2013	6/12/2013	10/22/2013 11/7/2013	12/10/13 12/17/13	12/17/2013 BCC approved Nova Consulting, Inc. R-1061-13
N/A	E12-WASD-03 <i>Various Commission Districts</i> Program Management Consultant and related services to establish a Comprehensive Infrastructure Assessment and Replacement Program for Water Transmission and Distribution Mains including Preparation of Condition Evaluations, Forensic	\$2.2 million 967190 Water/Pipes and Infrastructure Projects	Review Item sent 9/18/13 Received 10/19/13 25% CBE	Request for Qualifications/ Negotiations	3/29/2013	4/4/2013	9/24/2013 10/23/2013 Committee reconvening 12/4/2013	4/9/2014 5/6/2014	5/6/2014 BCC approved Lockwood Andrews & Newnam, Inc. R-432-14

# Exhibit A Water & Sewer Infrastructure Projects in Procurement – December 2014

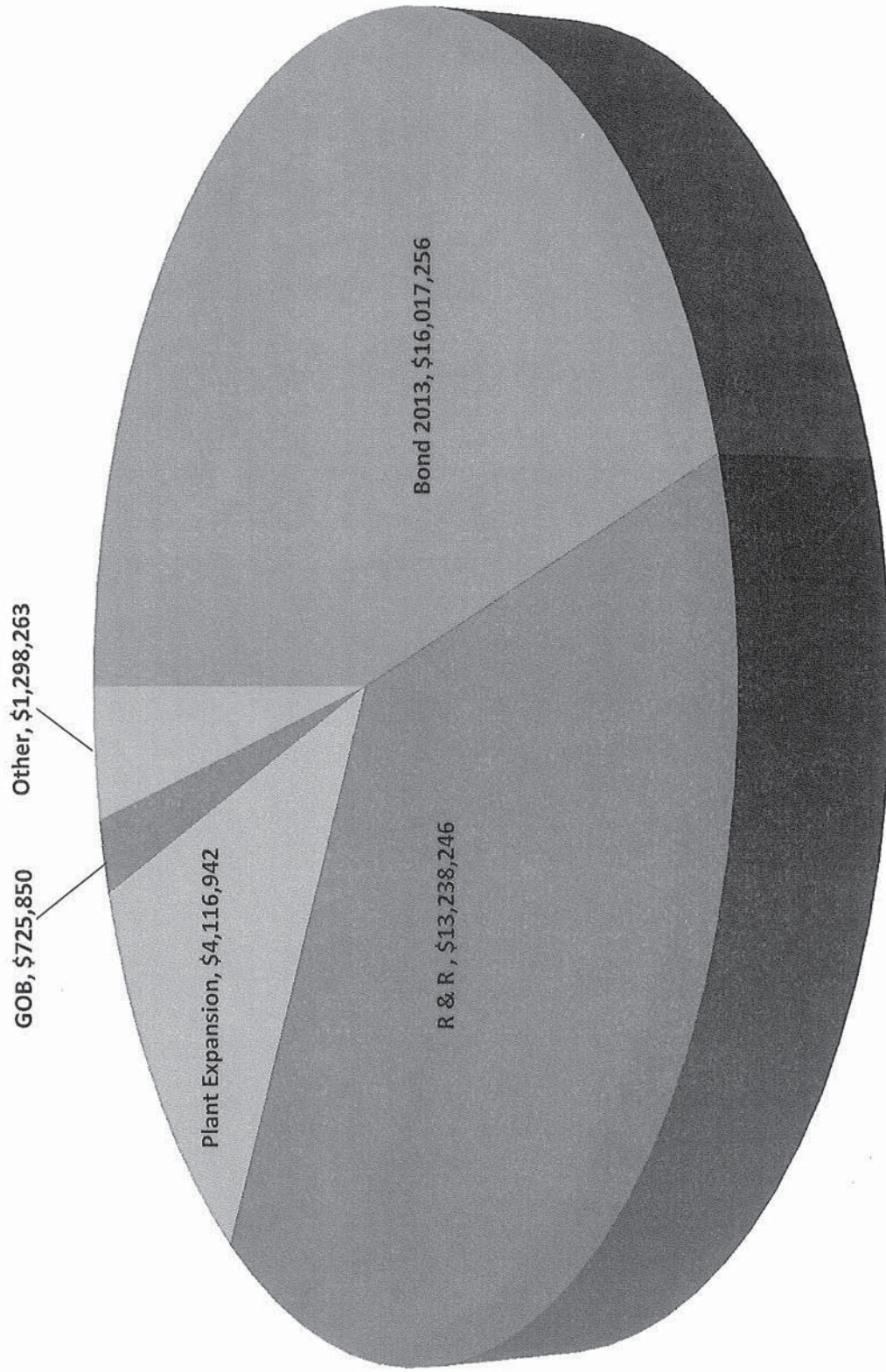
Accelerate Ordinance No. 14-77	ISD Project No. & Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Proposed Method of Award	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection Second Tier/Step 2 Selection Oral Presentation	BCC Committee Meeting BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
Yes/No	Analysis, Risk Assessments and Renewal Option Protocols								
32	E13-WASD-01-R Various Commission Districts <b>(Consent Decree Project)</b> Program and Construction Management Services related to the Wastewater Systems Priority Projects	\$91 million	Review Item sent 5/20/13 Received 5/20/13 28% CBE	Request for Qualifications/ Negotiations	6/6/2013	6/12/2013	8/14/2013 8/28/2013	N/A 5/20/2014	5/20/2014 BCC approved AECOM Technical Services, Inc. R-469-14

The draft solicitations are posted on Internal Services Department's webpage at <http://www.miamidade.gov/procurement/solicitations.asp>. and Small Business Development's webpage at <http://www.miamidade.gov/business/contracting-opportunities-architecture-engineering.asp> for industry review and comments prior to advertisement.



**November FYTD Expenditures by Fund**  
**Preliminary Data as of 11/30/14**

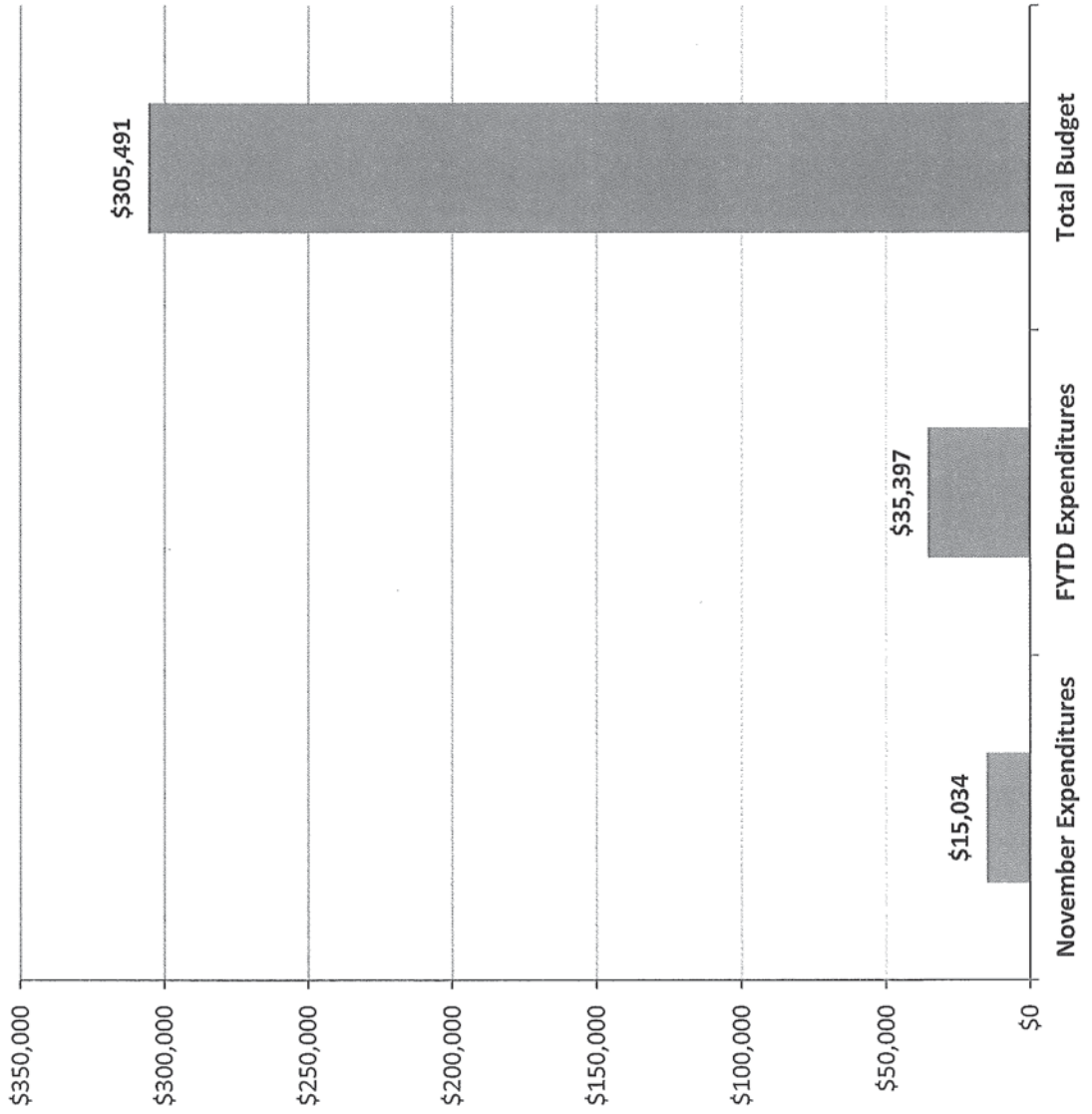
**Total Expenditures: \$35,396,557**



**Exhibit B**

**Exhibit B**

**Fiscal Year 14-15 FYTD vs. Budget (000,s)  
November Expenditures**





**EXHIBIT C**

**Status of Consent Decree Projects for December 2014**

Overall Regulatory Project Completion Date - 9/27/2027

Sewer Facility	Consent Decree Project No.	Capital Project Name	Consent Decree Project Cost Estimate, App. D	Actual Costs	Projected Start Date	Actual Start Date	Actual Completion Date	Regulatory Completion Date	Remarks
South District WWTP	1.1	Headworks	728,343		4/4/2015			2/23/2020	
	1.2	Oxygen Production	7,549,529		1/1/2015			9/13/2019	
	1.3	Oxygenation Trains	18,121,319		11/1/2016			11/16/2025	
	1.4	Chlorine Building	2,520,707		6/4/2018			6/1/2022	
	1.5	Effluent Pump Station	27,010,183		9/1/2016	11/19/2013		4/7/2022	
	1.6	Gravity Sludge Thickeners	5,246,274		7/3/2014	7/3/2014		9/24/2022	
	1.7	Digesters and Control Buildings	48,532,291		11/1/2013	7/3/2014		10/28/2021	Basis of Design Report being prepared by R&R consultant. Completion date can be met at this time.
	1.8	Dewatering Facility	16,608,534		10/22/2014			11/28/2019	Basis of Design Report to be prepared by Consent Decree WWTP design consultant. Completion date can be met at this time.
	1.9	FOG Removal Facility	928,077		11/1/2013	7/8/2014		12/7/2017	Basis of Design Report being prepared by R&R consultant. Completion date can be met at this time.
	1.10	Odor Control	8,130,067		6/4/2018			4/25/2023	
	1.11	General Electrical	12,165,144		5/5/2016			3/26/2021	
	1.12	Chlorine Contact Chamber Structural	6,935,601		8/1/2016			6/18/2021	
		<b>Subtotal:</b>	<b>154,476,068</b>						
Central District WWTP	2.1	Electrical Improvements	28,392,361		6/5/2017			3/6/2020	
	2.2	Building Improvements	5,673,576		3/26/2014	3/26/2014		9/6/2017	
	2.3	Headworks Plant 1	20,637,859		9/1/2014	10/6/2014		10/22/2017	Basis of Design Report being prepared by R&R consultant. Completion date can be met at this time.
	2.4	Headworks Plant 2	20,891,336		9/1/2014	10/6/2014		5/22/2018	Basis of Design Report being prepared by R&R consultant. Completion date can be met at this time.
	2.5	Oxygenation Trains Plant 1	6,882,836		3/1/2011	3/1/2011		4/15/2018	
	2.6	Oxygenation Trains Plant 2	15,957,546		3/1/2011	3/1/2011		4/14/2022	
	2.7	Secondary Clarifiers Plant 1	4,919,245		10/3/2020			8/15/2026	
	2.8	Secondary Clarifiers Plant 2	7,242,220		9/4/2016			9/12/2023	
	2.9	RS Pump Stations Plant 1	9,441,453		10/3/2020			8/15/2026	
	2.10	RS Pump Stations Plant 2	14,310,201		9/5/2015			9/12/2023	
	2.11	Effluent Pump Station	9,926,072		7/5/2016			5/9/2020	
	2.12	Sludge Thickeners Plant 1	11,156,240		10/3/2016			4/23/2021	
	2.13	Sludge Thickeners Plant 2	9,552,318		6/11/2014	6/11/2014		10/23/2019	
	2.14	Digesters Plant 1	60,684,546		11/3/2019			1/19/2026	
	2.15	Digesters Plant 2	122,761,868		6/11/2014	6/11/2014		8/19/2022	
	2.16	Dewatering Building	99,952,854		6/1/2016			8/7/2021	
	2.17	Chlorination Facilities	16,713,956		10/1/2013	10/1/2013		9/29/2017	Basis of Design Report to be completed by Consent Decree PMCM consultant. Completion date can be met at this time.
2.18	Odor Control Systems	20,208,323		7/3/2016			7/9/2020		
2.19	Co-Gen Facility	30,311,204		11/22/2012	11/22/2012		3/31/2019		
2.20	Septage Unloading	29,061,616		11/1/2018			6/3/2022		
2.21	Pump Station 1	11,575,513		4/4/2016			10/23/2019		
2.22	Pump Station 2	5,371,361		10/1/2014			10/22/2017	Basis of Design Report to be prepared by Consent Decree WWTP design consultant. Completion date can be met at this time.	
2.23	O2 Plant Process Controls Phase 2	482,909		10/1/2013	10/1/2013		3/9/2017		
2.24	Gas Monitoring	334,913		3/7/2015			9/19/2017		
2.25	Ventilation Improvements	2,766,973		7/5/2020			2/27/2025		
2.26	Rehabilitation of Walkways and Stairways	2,685,405		10/1/2013	9/30/2013		9/27/2027		
2.27	Oxygen Production	26,503,191		1/1/2015			12/30/2019		
2.28	SCADA RTU Upgrades	396,000	173,948	10/1/2013	10/1/2013		3/29/2014	Completed	
2.29	High Strength Influent Impact Study	1,544,400	1,026,824	2/12/2013	2/12/2013		6/24/2014	Completed	
		<b>Subtotal:</b>	<b>596,338,296</b>						

**EXHIBIT C**

**Status of Consent Decree Projects for December 2014**

Overall Regulatory Project Completion Date - 9/27/2027

Sewer Facility	Consent Decree Project No.	Capital Project Name	Consent Decree Project Cost Estimate, App. D	Actual Costs	Projected Start Date	Actual Start Date	Actual Completion Date	Regulatory Completion Date	Remarks
North District WWTP	3.1	Headworks and Sludge Degritting Transfer	31,777,875		3/20/2013	3/20/2013		4/7/2018	
	3.2	Primary Clarifiers and Odor Control	47,630,971		5/5/2015	9/3/2014		4/18/2021	
	3.3	Oxygenation Trains	26,824,143		1/1/2019			1/17/2024	
	3.4	Oxygen Production	7,139,589		1/1/2020			1/12/2024	
	3.5	Secondary Clarifiers	81,645,502		12/1/2018			8/24/2027	
	3.6	Disinfection	18,721,749		4/21/2014	4/21/2014		9/9/2020	
	3.7	Effluent Disposal	27,500,829		8/5/2014	7/1/2014		12/28/2021	
	3.8	Plant Wide Electrical	18,859,689		5/21/2014	5/21/2014		8/20/2022	
	3.9	Flood Mitigation	4,327,589		4/21/2014	4/21/2014		8/13/2017	
	3.10	Yard Piping Replacement	4,901,560		11/1/2015			12/4/2021	
	3.11	SCADA RTU Upgrades	1,200,320	880,575	10/1/2013	9/30/2013	11/26/2014	3/24/2015	Completed
<b>Subtotal:</b>			<b>270,529,817</b>						
Wastewater Collection and Transmission Lines	4.1	Collection System I/I Repairs	138,538,762		10/1/2013	10/1/2013		9/27/2027	
	4.2	Government Cut FM - Phase 1& 2 (construction ongoing)	35,187,000	94,315,592	10/1/2012	3/23/2009	9/30/2013		This project started on 03/23/2009, at the time, this project was not a consent decree project. This project became a consent decree project on October 1, 2012 while the negotiations were taking place with the State and the Federal Government regarding the Consent Decree. Approximately \$59 million was spent between 03/23/2009 and 10/1/2012 for work related to the installation of the 60-inch sewer force main and the 20-inch water main. In addition, other expenses included extending the 60-inch sewer force main from the water shaft to South Pointe Park and to the Alton Road tie-in. After this project was added as a Consent Decree project in October 2012, only \$35 million was required to complete the project.
	4.3	Government Cut FM - Phase 3	117,376,121		10/1/2012	9/28/2012		4/8/2017	
	4.4	North Dade 72 inch PCCP FM Rehabilitation	23,764,116		10/1/2013	1/19/2012		3/5/2018	
	4.5	South Dade 54 inch PCCP FM Rehabilitation	18,570,705		8/5/2014	8/5/2014		11/27/2017	
	4.6	Replacement of Tamiami Canal Aerial Crossing FM's at NW 37th Ave	727,443	604,872	10/1/2013	4/1/2012	8/11/2014	10/29/2016	Completed. Project in Close-out
	4.7	Replacement of 18 inch DIP FM in Miami Lakes	2,323,333		11/1/2013	4/1/2012		4/9/2017	
	4.8	Rehabilitation of 54 inch PCCP FM in the City of Miami	10,842,213		10/6/2014	9/24/2014		4/9/2017	
	4.9	Replace Approximately 30 miles of AC FM Transmission System	52,708,893		11/1/2013	8/28/2012		10/8/2019	
	4.10	Opa-Locka Airport 48" PCCP force main replacement	23,668,622		10/6/1014	9/12/2014		1/28/2018	
<b>Subtotal:</b>			<b>423,707,208</b>						



**EXHIBIT C**

**Status of Consent Decree Projects for December 2014**

Overall Regulatory Project Completion Date - 9/27/2027

Sewer Facility	Consent Decree Project No.	Capital Project Name	Consent Decree Project Cost Estimate, App. D	Actual Costs	Projected Start Date	Actual Start Date	Actual Completion Date	Regulatory Completion Date	Remarks	
Sewer Pump Station Systems	5.1	Upgrade of PS#0418	23,877,869		11/1/2013	10/1/2012		11/24/2018	Coordinating solution with City of Homestead for this Pump Station based on flow projections and other upgrades proposed by the City. Improvements will be completed on time. Coordinating solution with City of Homestead for this Pump Station based on flow projections and other upgrades proposed by the City. Improvements will be completed on time.	
	5.2	Upgrade of PS#0691	6,007,492		10/7/2014	10/6/2014		1/27/2019		
	5.3	Upgrade of PS#0692	6,007,492		10/7/2014	10/6/2014		1/27/2019		
	5.4	Replacement of Switchgear PS#0414	1,481,438		10/7/2014	9/9/2014		5/9/2018		
	5.5	Replacement of Switchgear and Rehabilitation of Wet well PS#0415	4,805,995		10/7/2014	9/9/2014		1/27/2019		
	5.6	Replacement of Switchgear PS#0416	1,481,438		10/7/2014	9/9/2014		5/9/2018		
	5.7	Replacement of Switchgear and Rehabilitation of Wet well PS#0417	3,203,999		10/7/2014	9/9/2014		1/27/2019		
	5.8	Replacement of Electrical and Mechanical Equipment in PS#0107	4,004,992		10/7/2014	9/11/2014		1/27/2019		
	5.9	Replacement of Plumbing and Electrical Equipment at PS#0301	4,543,072		10/7/2014	7/31/2014		5/9/2018		
	5.10	Upgrade of PS#0488	2,962,877		10/7/2014	8/29/2014		5/9/2018		
	5.11	Installation of 60 inch FM from Kendall Dr to PS#0536	5,925,746		10/7/2014	9/24/2014		5/9/2018		
	5.12	Replacement of Switchgear at PS#0187	3,555,449		10/7/2014	9/10/2014		5/9/2018		
	5.13	Refurbish Emergency Generators and Controls at Regional Pump stations	3,054,141		9/2/2014	9/2/2014		7/20/2016		
	5.14	Upgrade of PS #0086, 0492	2,127,389	1,373,292	10/8/2012	5/12/2012	12/31/2013	12/31/2013		Completed
	5.15	Upgrade of PS #0065, 0201, 0334, 0374, 0607	5,835,671		1/1/2014	1/1/2013		12/31/2015		
	5.16	Upgrade of PS #00198, 0437, 0466, 0680	3,806,369		1/2/2015	10/24/2014		12/31/2016		
	5.17	Upgrade of PS #0037, 0351, 0370, 0403	5,371,342		1/2/2016	10/24/2014		12/31/2017		
	5.18	Upgrade of PS #0441, 0491, 0710, 0827, 0852, 1236	7,526,751		1/1/2017	10/28/2014		12/31/2018		
	5.19	SCADA RTU Upgrades	10,003,462		10/1/2013	10/1/2013		3/18/2016		
<b>Subtotal:</b>			<b>105,582,981</b>							
<b>Total Project Expenses:</b>			<b>1,550,634,370</b>					<b>9/27/2027</b>		