

Memorandum



Date: February 3, 2015
To: Honorable Chairman Jean Monestime
and Members, Board of County Commissioners

From: Carlos A. Gimenez
County Mayor

A handwritten signature in black ink, appearing to read "Carlos A. Gimenez".

Agenda Item No. 8(0)(3)

Subject: Recommendation approving award of a Non-Exclusive Professional Services Agreement to A & P Consulting Transportation Engineers Corp. in the total amount of \$5,500,000.00 with a total contract term of five years and two (2) two-year options-to-renew, for a project entitled "Design Services for the Water Distribution and Sanitary Sewage Collection and Transmission Systems", pursuant to Section 2-8.1 of the Code of Miami-Dade County, Project No: E13-WASD-10, Agreement No: 14APCT004

Recommendation

Pursuant to Section 2-8.1 of the Code of Miami-Dade County, it is recommended that the Board of County Commissioners (Board) award the attached Non-Exclusive Professional Services Agreement to A & P Consulting Transportation Engineers Corp. entitled "Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems", Project No. E13-WASD-10, Agreement No: 14APCT004. The total compensation amount is \$5,500,000.00 with a total contract term of five years and two (2) two year options-to-renew. The Miami-Dade Water and Sewer Department (WASD) prepared this award recommendation.

The Mayor or Mayor's designee shall seek approval from the Board prior to exercising any of the options-to-renew or any compensation above the initial award amount.

Delegation of Authority

The authority of the County Mayor or County Mayor's designee to execute and implement this contract is consistent with those authorities granted under the Code of Miami-Dade County. No additional delegation of authority is requested.

Scope

- PROJECT NAME:** Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems

- PROJECT NO:** E13-WASD-10

- CONTRACT NO:** 14APCT004

**PROJECT
DESCRIPTION:**

A & P Consulting Transportation Engineers Corp. will provide engineering services for utility design, including planning, permitting assistance and design services during construction for system upgrades to water and sewer pipelines. The scope of services consists of complete design services, which will include but not be limited to the following: Perform preliminary route analysis, site investigations, surveying, geotechnical services, maintenance of traffic plans, and hydraulic analysis; coordination with other utilities, other municipalities and the public; preparation of design reports; preparation of drawings, specifications and contract documents; preparation of design-build criteria packages; and permitting and post design assistance during the procurement and construction phases. Engineering support during construction is anticipated to include, but not be limited to: periodic site inspections and attendance at meetings; review of, among other things, shop drawings, requests for information, potential claims, change orders, contract schedules, schedule of values and as-built drawings. Project coordination services are anticipated to include, but are not limited to: establishing a plan to implement projects; establishing and tracking project schedules budgets and deadlines; preparing status reports; and attending meetings as requested.

Some of the anticipated future pipeline design needs include, but are not limited to:

Water:

1. Small diameter water main replacement: There are approximately 1,000 miles of small diameter (4-inch or less) water distribution mains in the County that should be replaced. As a point of reference, the proposed Shenandoah Neighborhood Design-Build Project, which is currently being managed in-house, has approximately 15 miles of pipe replacement.
2. Renewal/replacement projects in the Water Master Plan Projects are for transmission mains usually larger than 24-inches in diameter.
3. Projects are being identified by the Comprehensive Infrastructure Assessment and Replacement Program for water transmission and distribution mains.

Sewer:

1. Renewal/replacement projects in the Wastewater Master Plan Projects are for sewer mains usually larger than 24-inches in diameter.
2. Projects identified to relieve sewer capacity issues due to regional development or re-development, such as the Doral force main and Brickell Basin force main projects.

**PROJECT
LOCATION:**

Throughout Miami-Dade County.

PRIMARY COMMISSION DISTRICT: Various Districts

APPROVAL PATH: Board of County Commissioners Section 2-8.1 of the Code of Miami-Dade County

USING DEPARTMENT: Water and Sewer

MANAGING DEPARTMENT: Water and Sewer

Fiscal Impact / Funding Source

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

PTP FUNDING: No

GOB FUNDING: No

ARRA FUNDING: No

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

CAPITAL BUDGET PROJECTS:	CAPITAL BUDGET PROJECT # - DESCRIPTION	<u>RTA ESTIMATE</u>
	9653371- PEAK FLOW MANAGEMENT FACILITIES Book Page:136 Adopted Capital Budget Book for Fiscal Year 2014-2020 Funding Year: Prior Years	\$916,666.67
	9653281- SANITARY SEWER SYSTEM EXTENSION Book Page:135 Adopted Capital Budget Book for Fiscal Year 2014-2020 Funding Year: Prior Years	\$916,666.67
	968750- WASTEWATER PIPES AND INFRASTRUCTURE PROJECTS Book Page:124 Adopted Capital Budget Book for Fiscal Year 2014-2020 Funding Year: Prior Years	\$916,666.67
	9653311- WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS Book Page:135 Adopted Capital Budget Book for Fiscal Year 2014-2020 Funding Year: Prior Years	\$916,666.67
	967190- WATER PIPES AND INFRASTRUCTURE PROJECTS Book Page:123 Adopted Capital Budget Book for Fiscal Year 2014-2020 Funding Year: FY 2015-2017	\$916,666.67
	9650181- WATER SYSTEM MAINTENANCE AND UPGRADES Book Page:128 Adopted Capital Budget Book for Fiscal Year 2014-2020 Funding Year: Prior Years	<u>\$916,666.67</u>
		\$5,500,000.00

PROJECT TECHNICAL CERTIFICATION REQUIREMENTS:

TYPE CODE DESCRIPTION

Prime 6.01 WATER AND SANITARY SEWER SYSTEMS -
WATER DISTRIBUTION AND SANITARY

SEWAGE COLLECTION AND TRANSMISSION
 SYSTEMS

- Other 9.01 SOILS, FOUNDATIONS AND MATERIALS TESTING DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES
- Other 10.05 ENVIRONMENTAL ENGINEERING - CONTAMINATION ASSESSMENT AND MONITORING
- Other 15.01 SURVEYING AND MAPPING - LAND SURVEYING
- Other 16.00 GENERAL CIVIL ENGINEERING
- Prime 17.00 ENGINEERING CONSTRUCTION MANAGEMENT

TOTAL CONTRACT PERIOD: 3285 Days. The initial contract term is five years. The Mayor or the Mayor's designee has the authority to approve two (2) two-year options-to-renew, subject to Board approval. Note that no minimum amount of work or compensation is guaranteed under this Professional Services Agreement.

IG FEE INCLUDED IN BASE CONTRACT: Yes

ART IN PUBLIC PLACES: No

BASE CONTRACT AMOUNT: \$5,000,000.00

CONTINGENCY ALLOWANCE (SECTION 2-8.1 MIAMI DADE COUNTY CODE):	TYPE	PERCENT	AMOUNT	COMMENT
	PSA	10%	\$500,000.00	

TOTAL DEDICATED ALLOWANCE: \$0.00

TOTAL CONTRACT AMOUNT: \$5,500,000.00

SEA LEVEL RISE: The impact of sea level rise has been considered.
 (ORD. NO. 14-79)

Track Record / Monitor

SBD HISTORY OF VIOLATIONS: None

Due diligence was conducted in accordance with the Internal Services Department's Procurement Guidelines to determine responsibility, including verifying corporate status and performance and compliance data. The lists that were reviewed include: convicted vendors, debarred vendors, delinquent contractors, suspended vendors, and federal excluded parties. There were no adverse findings relating to Consultant responsibility. This information is being provided pursuant to Resolution R-187-12.

On April 15, 2014, a Notice to Professional Consultants was issued under full and open competition. On May 19, 2014, the Clerk of the Board received ten proposals.

EXPLANATION:

First-Tier

At the First-Tier "Evaluation of Qualifications" meeting held on July 18, 2014, the Competitive Selection Committee reviewed ten proposals. At this meeting, it was determined that ten firms met the minimum qualifications and demonstrated their relevant experience with the projects as required by the Notice to Professional Consultants. The Competitive Selection Committee evaluated and ranked the ten firms. The Competitive Selection Committee by majority vote decided not to hold a Second-Tier (Oral Presentation) meeting and recommended the top two ranking firms below for negotiation of a contract:

Firm	Total Qualitative Scores	Total Ordinal Scores	Ordinal Ranking
King Engineering Associates, Inc.	393	7	1
A&P Consulting Transportation Engineers Corp.	402	10	2
A.D.A Engineering, Inc.	350	14	3
EAC Consulting	361	15	4

CES Consultants, Inc.	375	16	5
BND Engineers, Inc.	357	17	6
Chen Moore & Associates	341	18	7
Kimely-Horn & Associates, Inc.	303	20	8
H.J. Ross Associates, Inc.	330	21	9
Craig A. Smith & Associates, Inc.	253	29	10

The Negotiation Committee was approved by the County Mayor on August 6, 2014. On September 23, 2014, the Negotiation Committee met and concluded negotiations with A & P Consulting Transportation Engineers Corp.

The Negotiation Committee also approved a First Task Service Order (attached as Exhibit A) for a total amount of \$139,958.01 for a six month period.

Based on the Internal Services Department's CIIS database, A & P Consulting Transportation Engineers Corp. has nineteen evaluations with an average 3.8 rating out of a possible total 4.0 points.

SUBMITTAL DATE: 5/19/14

ESTIMATED NOTICE TO PROCEED: 12/30/14

PRIME CONSULTANT: A & P Consulting Transportation Engineers Corp.

COMPANY PRINCIPAL: Antonio Acosta, P.E.

COMPANY QUALIFIERS: Antonio Acosta, P.E.

COMPANY EMAIL ADDRESS: agacosta@apcte.com

COMPANY STREET ADDRESS: 10305 N.W. 41 Street, Suite 115
COMPANY CITY-STATE-ZIP: Doral, Florida 33166

YEARS IN BUSINESS: 18 years

PREVIOUS EXPERIENCE WITH COUNTY IN THE LAST FIVE YEARS: According to the Firm History Report provided by the Internal Services Department, Division of Small Business Development, A & P Consulting Transportation Engineers Corp. has been awarded three contracts with Miami-Dade County with a total contract value of \$4,325,000.00.

SUBCONSULTANTS: Stantec Consulting Services, Inc.; 300 Engineering Group, P.A.; BCC Engineering, Inc.; Nadic Engineering Services, Incorporated; Longitude Surveyors, LLC; and Media Relations Group, LLC.

MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS:

- Yes
1. The Prime Consultant should demonstrate their successful experience with the planning, design, specifications and contract development, permitting and post design services during procurement and construction of various types of pipe materials including polyvinyl chloride, high density polyethylene, concrete pressure pipe, and ductile iron and various types of pipe installation and rehabilitation methods.
 2. The Prime Consultant should also demonstrate their successful design experience with large diameter pipelines (36-inch and greater).
 3. The Prime Consultant team should demonstrate their successful design experience with both micro-tunneling and horizontal directional drilling, with the Prime providing the experience in at least one of the aforementioned trenchless technologies. The successful experience on the above items should be demonstrated within the last ten 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.
 4. The Prime Consultant shall provide descriptions of at least one successfully designed, constructed and operating major new or upgraded water transmission pipeline and wastewater collection and wastewater transmission pipeline in which the Prime Consultant has served as the designer within the past ten years from the date of solicitation. For projects which the Respondent has served as the design consultant, the Respondent 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.

REVIEW COMMITTEE: **MEETING DATE:** 1/29/2014 **SIGNOFF DATE:** 2/19/2014

RESUBMITTED: 4/30/2014 **SIGNOFF DATE:** 5/1/2014

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

REVIEW COMMITTEE ASSIGNED CONTRACT MEASURES:	<u>TYPE</u> <u>GOAL</u>	<u>COMMENT</u>
	CBE 25.00%	Per Administrative Order 3-32

MANDATORY CLEARING HOUSE: No

CONTRACT MANAGER: Patty David 786-552-8040 pattyd@miamidade.gov

PROJECT MANAGER: James Ferguson 786-268-5250 jferg@miamidade.gov

Background


WASD is the primary provider of water and wastewater services to Miami-Dade County serving a population of almost 2.3 million residents. It is the largest water utility in the Southeast United States.

The water system serves approximately 428,631 retail customers and 15 municipal wholesale customers in Miami-Dade County. The water system consists of 3 regional water treatment plants and 5 small auxiliary treatment facilities that provide service to the southernmost area of the County. There are more than 7,700 miles of water mains ranging in size from 2-inches to 96-inches in diameter. The water system infrastructure averages 45 years with the oldest pipes dating back to the mid 1920's.

The wastewater system serves approximately 346,285 retail customers and 13 wholesale customers, consisting of 12 municipal customers and the Homestead Air Force Reserve Base in Miami-Dade County. The wastewater system consists of 3 regional wastewater treatment plants, over 1,000 sewage pump stations and nearly 6,200 miles of collection and transmission pipelines. The wastewater infrastructure averages 55 years with the oldest pipes dating back to the 1930's.


This professional services agreement will provide the needed design services to replace aged and corroded water and wastewater pipelines in the water and wastewater system. Pipeline infrastructure evaluations will be performed including condition assessments, risk determination, project identification and prioritization of projects. The criteria used will also be based on pipeline material, age, size, maintenance history, and the area impacted.

BUDGET APPROVAL
FUNDS AVAILABLE:

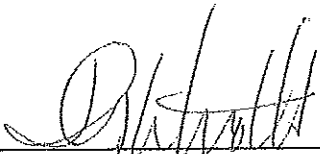


JENNIFER MOON
OMB DIRECTOR
DATE 12/4/14

APPROVED AS
TO
LEGAL SUFFICIENCY:



SARAH E. DAVIS
ASSISTANT COUNTY
ATTORNEY
DATE 12/9/14



JACK OSTERHOLT
DEPUTY MAYOR
DATE 12/9/14

Exhibit A



MIAMI-DADE WATER AND SEWER DEPARTMENT PROPOSAL FOR ENGINEERING SERVICES

Task 1: Basis of Design Report (BODR)
42-inch Force Main – Biscayne Blvd.
E13-WASD-10
10/02/2014

1 SCOPE OF WORK

The purpose of this scope of services is to provide consulting engineering services to the Miami-Dade Water and Sewer Department (MD-WASD) to prepare the Basis of Design Report (BODR) for the construction of approximately 8500 linear feet of a 42-inch Force Main for the Biscayne Basin (Pump Station #2) with the following connection points:

- North End: 30-inch Force Main at NE 4th Ave and NE 62nd St
- South End: Proposed 48-inch Force Main at N. Miami Ave and NW 36th St

Design Consultant is responsible for conducting a route analysis and recommend the best alternative for the proposed 42-inch Force Main.

See detailed Scope of Work in Attachment A.

2 SCHEDULE

Proposed Schedule is indicated below:

Notice to Proceed	October 2014
Basis of Design Report (Draft)	January 2015
Basis of Design Report (Final)	March 2015

3 ESTIMATE OF MANHOURS

Estimated Man Hour Estimates are in Attachment B; a summary of design fees are indicated below:

Task	Consultant	Hours	Total Fee
BODR	APC TE Team	895	\$130,958.01

4 REQUEST TO UTILIZE/ADD SUBCONSULTANT

N/A

5 DELIVERABLES

Basis of Design Report (BODR)

6 EXCLUSIONS

NA

7 METHOD OF COMPENSATION

The services identified shall be compensated in the form of Lump Sum of \$130,958.01. Should additional work become necessary in excess of the amount authorized, justification shall be provided and a separate letter of authorization will be required. Compensation will be based on progress submittals.

8 OTHER

N/A

9 TASK MANAGERS ACCEPTANCE

PREPARED FOR A&P CONSULTING TRANSPORTATION ENGINEERS BY:

Amelio Alfonso Jr., P.E.

Name (typed or printed)

Project Manager

Title



Signature

10/2/14

Date

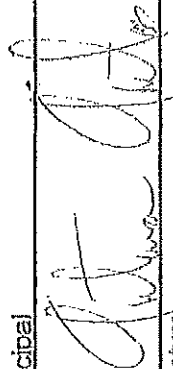
REVIEWED FOR A&P CONSULTING TRANSPORTATION ENGINEERS BY:

Antonio G. Acosta, P.E.

Name (typed or printed)

Principal

Title



Signature

10/2/14

Date

10 SUBMITTAL/APPROVAL

APPROVED FOR MIAMI-DADE WATER AND SEWER DEPARTMENT BY:

Name (typed or printed)

Title

Signature

Date

ATTACHMENT A
SCOPE OF WORK

MIAMI-DADE WATER AND SEWER DEPARTMENT
DESIGN SCOPE OF WORK - (TASK 1)
(E13-WASD-10)

Section 1 – Introduction

The Miami-Dade Water and Sewer Department (MDWASD) is requesting a labor hour and fee estimate for the engineering services necessary to develop the Basis of Design Report (BODR) for the construction of approximately 8500 linear feet of a 42-inch Force Main for the Biscayne Basin (Pump Station #2).

Section 2 – Project Description

Project Area:

The proposed 42-inch Force Main for the Biscayne Basin (Pump Station #2) will be located along Biscayne Blvd or alternative route with the following connection points:

- North End: 30-inch Force Main at NE 4th Ave and NE 62nd St.
- South End: Proposed 48-inch Force Main at N. Miami Ave and NW 36th St.

Design Consultant is responsible for conducting a route analysis and recommend the best alternative for the proposed 42-inch Force Main.

Section 3 – Procurement Method for Construction

The project will be constructed by Miami-Dade standard procurement methods.

Section 4 – Preliminary Project Schedule

The preliminary project schedule should be provided. The project deliverables and milestones will be enforced in an effort to meet the MDWASD deadlines. The BODR will be completed within 5 months from the NTP. No scheduling delays will be tolerated.

Section 5 – Scope of Work and Deliverables

The following deliverables are needed to complete the design of the above mentioned water main replacements:

Task 1, BODR Design Submittal

For the development of this sub-task, the following is the responsibility of the Consultant:

- Attend Kick-off Meeting and Prepare Draft Meeting Minutes

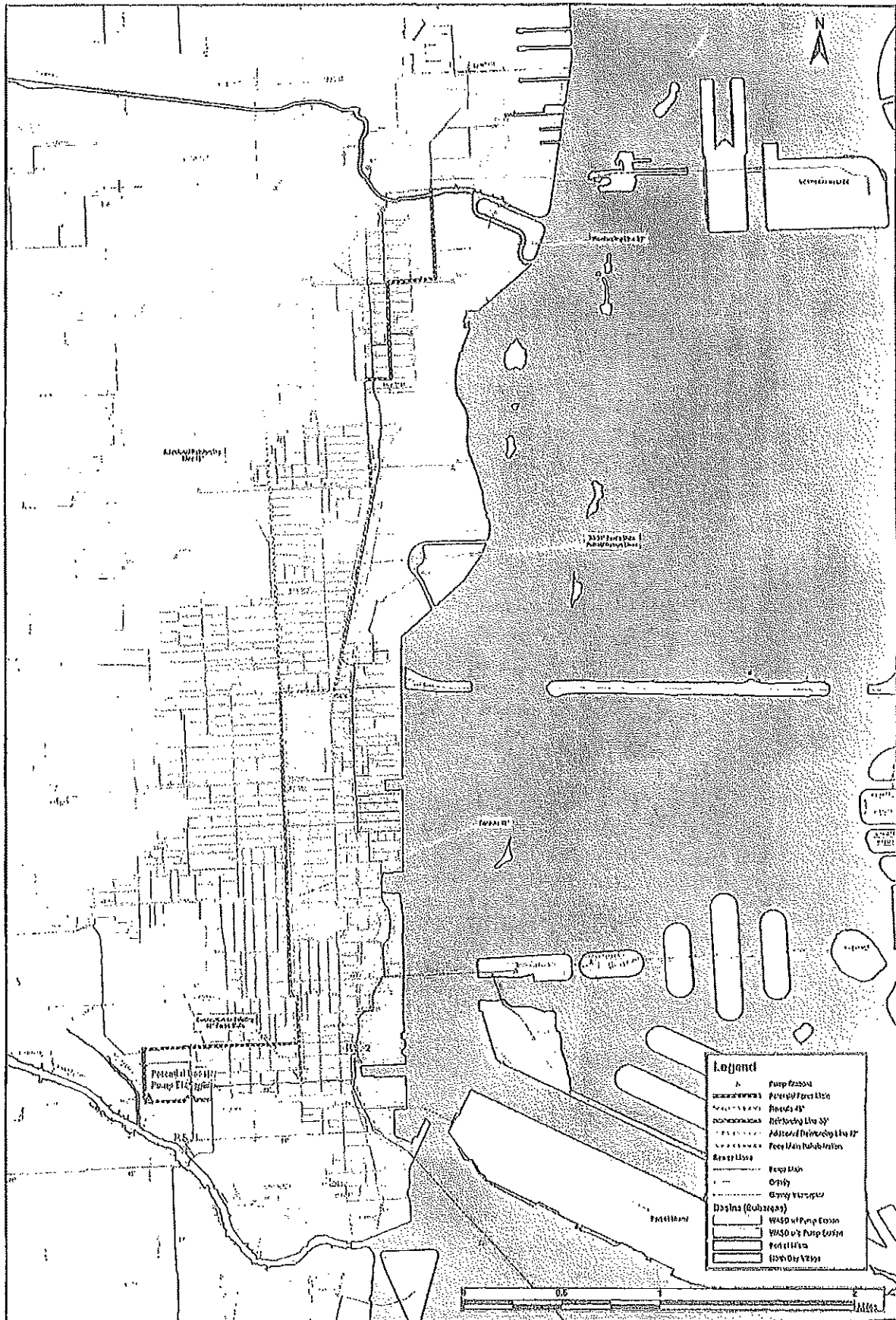
- Analyses of Alternatives with Calculations and Related Costs
- Utility Coordination
- Site Review Narrative (2-page general description of project)
- Identify Public Involvement Plan as per County's Ordinance (DC will attend one public meeting to provide technical assistance. The County will organize, arrange and coordinate the meeting, send the notification, and provide the facilities.)
- Field Observations and Conversations/Interviews (One site visit is included)
- Field Visit to Project Site Accompanied by MDWASD Water Distribution Division Representative (One site visit is included)
- Site Photographs
- Right-of-Way Designation / Easement Identification
- Determine the need for easements along the route
- Coordination with Recent and Future Projects to Avoid Conflicts and Repetitious Construction e.g. CICC, DRER, MDPW, MDWASD, FDOT, CSX, etc. (DC will send one request for information per agency and will follow up with the designated contact person. *The information received before the 30% submission will be included. The information received after the submission will be included on the next submittal.*)
- Identification of Municipal Jurisdictions and Special Requirements (provided by the County)
- Identification of Pavement Repair or Pavement Reconstruction Requirements and Proposed Pavement Resurfacing Limits
- Contact Public Works regarding any upcoming projects along the selected route.
- Identify all Permitting Requirements
- MOT Requirements with Particular Attention to FDOT
- Submit a preliminary construction cost estimate of the selected route.
- Develop the Basis of Design Report (BODR)

Section 6 – Proposed Design Schedule

The DC shall provide with this proposal a detailed project design schedule for this project. The start date to coincide with the written Notice to Proceed (NTP) for design. The Review periods by MDWASD for each submittal not to exceed 15 calendar days shall be included in the project design schedule. Any deviations in schedule shall be explained by the DC.

Section 8 – Proposed Project Cost

The DC must submit a detailed breakdown in the proposal for the engineering fees by TASK. The DC must submit a detailed breakdown of Task 3 - Limited Construction Support Services. A separate proposal should be included for surveying with breakdown description of activities and the associated fee.



WACO WATER & SEWER DEPARTMENT

**Pump Station 2
Service Area**

**Proposed
Upgrades**

July 2018

**ATTACHEMENT B
PROPOSAL FOR ENGINEERING SERVICES LABOR EXPENSES**

ATTACHMENT D - Sample Proposal for Engineering Services Labor Expenses

Position	Name & Company	Labor Multiplier	Hourly Rate		Task 1-A Investigation		Task 1-B Utility Investigations		Task 1-C Public Involvement		Task 1-D Permit Coordination		Task 1-E Analysis of Alternatives		Task 1-F Basis of Design Report (BODR)		Task 2	Total Labor (Sum 1-6)	Row-Cols. (X.2)	(7) Multiplier Costs (x.8)
			\$	hrs	\$	hrs	\$	hrs	\$	hrs	\$	hrs	\$	hrs	\$	hrs				
Specialist	Antonio G. Alvarez (A&EP)	1.0	65.00	18	1,050.00	24	1,560.00	4	260.00	18	1,170.00	18	1,170.00	72	4,650.00	24	30,000.00	3	90,000.00	25,000.00
Specialist	Arnelio Alfonso (A&EP)	2.05	75.00	18	1,050.00	24	1,800.00	4	300.00	18	1,350.00	18	1,350.00	72	5,400.00	24	18,000.00	3	22,500.00	68,250.00
Public Engineer	Leandro Ferrero (A&EP)	2.05	54.00	18	972.00	24	1,296.00	4	216.00	18	972.00	18	972.00	72	3,912.00	24	12,960.00	3	16,440.00	51,000.00
Senior 2	Alvaro Ferrero (A&EP)	2.05	52.00	18	936.00	24	1,248.00	4	208.00	18	936.00	18	936.00	72	3,744.00	24	12,480.00	3	16,224.00	50,724.00
Project Engineer	Enr. Sergio (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Engineer 2	Vivian Norberto (A&EP)	2.05	42.00	18	756.00	24	1,008.00	4	168.00	18	756.00	18	756.00	72	3,024.00	24	1,008.00	3	13,116.00	40,716.00
Project Engineer	Enrique Sierra (A&EP)	2.05	75.00	18	1,050.00	24	1,800.00	4	300.00	18	1,350.00	18	1,350.00	72	5,400.00	24	18,000.00	3	22,500.00	68,250.00
Engineer 2	Luzmila Fernandez (A&EP)	2.05	75.00	18	1,050.00	24	1,800.00	4	300.00	18	1,350.00	18	1,350.00	72	5,400.00	24	18,000.00	3	22,500.00	68,250.00
Engineer 2	Walter Reinhold (A&EP)	2.05	57.00	18	927.00	24	1,248.00	4	216.00	18	927.00	18	927.00	72	3,708.00	24	1,248.00	3	15,756.00	48,516.00
Public Information Manager	Rafael Barthelemy (SOT)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Public Information Officer	Alejandra Gonzalez (MRS)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Senior Specialist	John Adler (Lacalifera)	2.05	55.00	18	990.00	24	1,320.00	4	220.00	18	990.00	18	990.00	72	3,960.00	24	1,320.00	3	16,680.00	51,000.00
Senior Specialist	Yoon Bui (Lacalifera)	2.05	55.00	18	990.00	24	1,320.00	4	220.00	18	990.00	18	990.00	72	3,960.00	24	1,320.00	3	16,680.00	51,000.00
Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
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Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
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Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
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Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
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Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
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Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24	1,080.00	4	180.00	18	810.00	18	810.00	72	3,240.00	24	1,080.00	3	13,680.00	42,480.00
Senior Specialist	Shelley Rodriguez (A&EP)	2.05	45.00	18	810.00	24														



Department of Small Business Development
A&E Firm History Report

From: 08/21/2009 To: 08/21/2014

FIRM NAME: A & P CONSULTING TRANSPORTATION ENGINEERS CORP.

10305 NW 41 St, Suite 115
Miami, FL 33178

PRIMES

PROJECT#	CONTRACT#	DEPT#	MEASURES	AWARD DATE	AWARD AMOUNT
E09-OC1-01, C	2	CQ	GOAL CBE 25%	10/05/2010	\$825,000.00
CONSULTANT SERVICES FOR CONSTRUCTION INSPECTION SERVICES (SIC 871)					
EDP-PW-S-20130277	1	PW	NO MEASURE	01/29/2014	\$200,000.00
MD ROADWAY LIGHTING MANUAL					
E13-WASD-03	2	WIS	GOAL CBE 40%	07/15/2014	\$3,300,000.00
NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT FOR DESIGN SERVICES FOR THE IMPLEMENTATION OF A PUMP STATION IMPROVEMENT PROGRAM					
				Total Award Amount	\$4,325,000.00
				Total Change Orders Approved by ECC	\$0.00



Small Business Development Division Project Worksheet

Project/Contract Title: DESIGN OF UPGRADES FOR WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS **Received Date:** 04/30/2014
Project/Contract No: E13-WASD-10 **Funding Source:**
Department: WATER & SEWER DEPARTMENT **VARIOUS**
Estimated Cost of Project/Bid: \$10,000,000.00 **Resubmittal Date(s):** 01/29/2014
Description of Project/Bid: To establish a Professional Services Agreement for engineering services for utility design, including planning, permitting assistance and design services during construction for system upgrades to water and sewer pipelines.

Contract Measures Recommendation		
Measure	Program	Goal Percent
Goal	CBE	25.00%

Reasons for Recommendation

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

To establish a Professional Services Agreement for engineering services for utility design, including planning, permitting assistance and design services during construction for system upgrades to water and sewer pipelines. A Tier 2 Set-Aside was considered for both agreements; WASD reviewed the responses to CBE firms responding to 6.01 & 17.00 (identified for the prime); none met ALL the requirements stipulated; falling short of the ("minimum experience and qualifications the Prime Consultant should demonstrate their successful experience with various type of pipe installation and rehabilitation methods"; even though they satisfied other components. A further review in an attempt to increase the goal beyond the 19% recommended by WASD, proved successful, as demonstrated by previous projects (which were) included with the responses from CBEs in the sub-consultant TCs (or scopes of services).

Reason for resubmittal: Technical Category 9.02 was removed from the scope of services and 9.01 added.

Technical Category: 0601-W & S Sewer Sys-Water Dist & Sanitary Sewage Coll; 0901-Drilling Subsurface Investigations & Seismographic; 1005-Environmental Eng-Contamination Assess & Monitor; 1501-Surveying And Mapping-Land Surveying; 1600-General Civil Engineering; 1700-Engineering Construction Management

Small Business Contract Measure Recommendation				
Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
SURVEYING AND MAPPING-LAND SURVEYING	CBE	\$1,300,000.00	13.00%	7
ENVIRONMENTAL ENG-CONTAMINATION ASSESS & MONITOR	CBE	\$200,000.00	2.00%	4
GENERAL CIVIL ENGINEERING	CBE	\$1,000,000.00	10.00%	8
Total		\$2,500,000.00	25.00%	

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: DESIGN OF UPGRADES FOR WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS
Project/Contract No: E13-WASD-10
Department: WATER & SEWER DEPARTMENT
Estimated Cost of Project/Bid: \$10,000,000.00

Received Date: 04/30/2014
Funding Source: VARIOUS
Resubmittal Date(s): 01/29/2014

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		5/1/14 Date

DATE: July 24, 2014

TO: Miriam Singer, Assistant Director
Internal Services Department

FROM: Gary Hartfield, Division Director
Internal Services Department
Small Business Development 

SUBJECT: Compliance Review
Project No. E13-WASD-10
Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems

Small Business Development (SBD), a Division of the Internal Services Department, has completed its review of the subject project for compliance with the Community Business Enterprise (CBE-A/E) Program for Architectural and Engineering Services. The contract measure established for this project is a 25% CBE sub-consultant goal.

The Professional Services Division of the Internal Services Department has submitted proposals from A & P Consulting Transportation Engineers Corp. #5, A.D.A. Engineering, Inc. #7, EAC Consulting, Inc. #8, and King Engineering Associates, Inc. #10, for compliance review. Following is the pre-award compliance status and summary.

STATUS:

- | | |
|---|-----------|
| 1. A & P Consulting Transportation Engineers Corp. #5 | Compliant |
| 2. A.D.A. Engineering, Inc. #7 | Compliant |
| 3. EAC Consulting, Inc. #8 | Compliant |
| 4. King Engineering Associates, Inc. #10 | Compliant |

SUMMARY:

A & P Consulting Transportation Engineers Corp. #5 submitted the required Letters of Agreement (LOA) listing certified CBE (sub-consultant) firms 300 Engineering Group, P.A. to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, W & S Sewer Systems-Major Water & Sewer Pumping Facilities, General Civil Engineering, and Engineering Construction Management at 25%, Longitude Surveyors, LLC to perform Surveying and Mapping-Land Surveying at 2.5%, and Nadic Engineering Services, Incorporated to perform Drilling Subsurface Investigations and Seismographic, also at 2.5%. A & P Consulting Transportation Engineers Corp. is in compliance with the requirements of the CBE-A/E program.

A.D.A. Engineering, Inc. #7 a certified Tier 2 CBE firm submitted the required Letter of Agreement (LOA) listing themselves to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, Environmental Engineering-Contamination Assessment and Monitoring, General Civil Engineering, and Engineering Construction Management at 25%; self-performing the establish measure, by utilizing their own force. A.D.A. Engineering, Inc. is in compliance with the requirements of the CBE-A/E program.

EAC Consulting, Inc. #8 submitted the required Letters of Agreement (LOA) listing certified CBE (sub-consultant) firms Hadonne Corp. to perform Surveying and Mapping-Land Surveying at 5%, Manuel G. Vera & Associates, Inc. to perform Survey and Mapping-Land surveying, also at 5%, E Sciences, Incorporated to perform

Environmental Engineering-Contamination Assessment and Monitoring at 2%, Metco Services Southeast, LLC to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, General Civil Engineering, and Engineering Construction Management at 8%, Geosol, Inc. to perform Drilling Subsurface Investigations & Seismographic at 2%, and OH2 Consulting LLC to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, General Civil Engineering, and Engineering Construction Management at 5%. EAC Consulting, Inc. is in compliance with the requirements of the CBE-A/E program.

King Engineering Associates, Inc. #10 submitted the required Letters of Agreement (LOA) listing certified CBE (sub-consultant) firms Tierra South Florida, Inc. to perform Drilling Subsurface Investigations & Seismographic and Geotechnical & Materials Engineering Services at 1%, Leiter, Perez & Associates, Inc. to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, W & S Sewer Systems-Major Water & Sewer Pumping Facilities, Environmental Engineering-Contamination Assessment & Monitoring, Surveying and Mapping-Land Surveying, General Civil Engineering, and Engineering Construction Management at 20%, Ross Engineering, Inc. to perform W & S Sewer Systems-Water Distribution & Sanitary Sewage Collection, W & S Sewer Systems-Major Water & Sewer Pumping Facilities, Environmental Engineering-Stormwater Drainage Design Services, and General Civil Engineering at 3%, and Geosol, Inc. to perform Drilling Subsurface Investigations & Seismographic and Geotechnical & Materials Engineering Services at 1%. King Engineering Associates, Inc. is in compliance with the requirements of the CBE-A/E program.

SBD have verified that the aforementioned firms are not listed on the Goal Deficit Make-Up Report as of July 1, 2014. Additionally, a review of the History of Violations Report as of July 21, 2014 confirms that the aforementioned firms have no open violations.

Please note that SBD staff reviewed and addressed compliance with the CBE-A/E program. The Professional Services Division of the Internal Services Department is responsible for any other issues that may exist.

Should you have any questions or need any additional information, please do not hesitate to contact Vivian O. Walters, Jr. at (305) 375-3138.

GH: vow

C: Faith Samuels, PM-ISD
Traci Adams-Parish, SBD-ISD
File

Exit



Capital Improvements Information System Contractor Evaluations Report

<u>Dept</u>	<u>Contract</u>	<u>Type</u>	<u>Contractor / Architect Name</u>	<u>Date</u>	<u>Rater</u>	<u>Period</u>	<u>Rate</u>
PE	<u>E01-DERM-04, EP-3</u> <u>WO: 1</u>	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	1/26/2008	Susel Ferrer	Project conclusion or closeout	<u>3.8</u>
WS	<u>E05-WASD-12, GOB</u> <u>WO: 01</u>	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	10/24/2007	Reynaldo J. Abreu	Project conclusion or closeout	<u>3.8</u>
WS	<u>E05-WASD-12, GOB</u> <u>WO: 03</u>	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	4/23/2008	Reynaldo J. Abreu	Completion of study or design	<u>3.8</u>
WS	<u>E05-WASD-12, GOB</u> <u>WO: 01</u>	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	4/23/2008	Reynaldo J. Abreu	Completion of study or design	<u>3.8</u>
WS	<u>E07-WASD-08 (A)</u>	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	1/8/2009	Eduardo M. Luis	Interim	<u>4.0</u>
PW	<u>20030188</u>	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	2/17/2009	Hector Aleman	Interim	<u>2.4</u>
PW	<u>20030188</u>	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	3/11/2009	Hector Aleman	Completion of study or design	<u>3.1</u>
PW	<u>20040330</u> <u>WO: 2</u>	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	5/14/2009	Raul Quintela	Interim	<u>3.6</u>
WS	<u>E07-WASD-08 (A)</u> <u>WO:</u> <u>Task No.</u> <u>1</u>	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	4/29/2010	Eduardo M. Luis	Project conclusion or closeout	<u>4.0</u>
WS	<u>E07-WASD-08 (A)</u> <u>WO:</u> <u>Task No.</u> <u>1</u>	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	5/11/2010	Eduardo M. Luis	Project conclusion or closeout	<u>4.0</u>
WS	<u>E07-WASD-08 (A)</u> <u>WO:</u> <u>Task No.</u> <u>1</u>	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	8/20/2010	Eduardo M. Luis	Project conclusion or closeout	<u>4.0</u>
WS	<u>E07-WASD-08 (A)</u> <u>WO:</u> <u>Task No.</u> <u>3</u>	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	4/4/2011	Eduardo M. Luis	Project conclusion or closeout	<u>4.0</u>
WS	<u>E07-WASD-08 (A)</u> <u>WO:</u> <u>Task No.</u> <u>4</u>	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	4/4/2011	Eduardo M. Luis	Project conclusion or closeout	<u>4.0</u>
WS	<u>E07-WASD-08 (A)</u> <u>WO:</u> <u>Task No.</u> <u>2</u>	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	4/7/2011	Eduardo M. Luis	Project conclusion or closeout	<u>4.0</u>

WS	<u>E05-WASD-12.GOB</u> WO: 08	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	4/24/2012	Eduardo M. Luis	Project conclusion or closeout	<u>4.0</u>
WS	<u>E05-WASD-12.GOB</u> WO: 04	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	5/1/2012	Eduardo M. Luis	Project conclusion or closeout	<u>4.0</u>
PW	<u>20030188</u> WO: 2	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	8/29/2013	Hector Aleman	Project conclusion or closeout	<u>3.4</u>
WS	<u>E05-WASD-12.GOB</u> WO: 01A	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	9/6/2013	Eduardo M. Luis	Completion of study or design	<u>4.0</u>
WS	<u>E05-WASD-12.GOB</u> WO: 9	PSA	<u>A & P Consulting Transportation Engineers Corp.</u>	9/9/2014	Eduardo M. Luis	Project conclusion or closeout	<u>4.0</u>

Evaluation Count: 19 Contractors: 1 Average Evaluation: 3.8

Exit

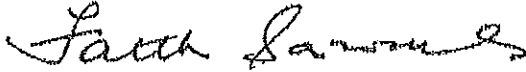
Memorandum



Date: August 1, 2014

To: Lester Sola, Director
Internal Services Department

Thru: Miriam Singer, CPPO, Assistant Director
Internal Services Department

From: 
Faith Samuels, Sr. A&E Consultant Selection Coordinator
Chairperson, Competitive Selection Committee

Subject: NEGOTIATION AUTHORIZATION
Miami-Dade Water and Sewer Department (WASD)
Design of Upgrades for Water Distribution and Sanitary Sewage Collection
and Transmission Systems
ISD Project No. E13-WASD-10

The Competitive Selection Committee (CSC) has completed the evaluation of the proposals submitted in response to the above referenced ISD Project No. following the guidelines published in the Notice to Professional Consultants (NTPC).

ISD Project No.: E13-WASD-10

Project Title: Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems

Scope of Services Summary: The scope of services consists of complete design services, which will include but is not limited to, performing preliminary route analysis, site investigations, surveying, geotechnical services, maintenance of traffic plans, hydraulic analysis, coordination with other utilities, coordination with other municipalities and the public, preparation of design reports, preparation of drawings, specifications and contract documents, preparation of design-build criteria packages, permitting and post design assistance during the procurement and construction phases. Engineering support during construction is anticipated to include, but is not limited to, periodic site inspections and attendance at meetings. Support will also require the review of: shop drawings, requests for information, potential claims and change orders, contract schedules, schedule of values and as-built drawings, among others, as needed. Project coordination services are anticipated to include, but are not limited to, establishing a plan to implement projects, establish and track project schedules, budgets and deadlines, prepare status reports and attend meetings as requested by WASD.

Some of the anticipated future pipeline design needs include, but are not limited to, the following:

Water:

1. Small diameter water main replacement: There is approximately 1,000 miles of small diameter (4-inch and less) water distribution mains in Miami-Dade County which should be replaced. As a point of reference, the proposed Shenandoah Neighborhood Design-Build Project, which is currently being managed in-house, has approximately 15 miles of pipe replacement. Moving forward a more aggressive small diameter water main replacement program is needed to replace these undersized mains in a reasonable time frame.
2. Water Master Plan Projects which are generally larger than 24-inch diameter transmission mains.
3. Projects which will be identified by the Comprehensive Infrastructure Assessment and Replacement Program (IAARP) for water transmission and distribution mains.

Sewer:

1. Wastewater Master Plan Projects which are generally larger than 24-inch diameter transmission mains.
2. Projects identified to relieve sewer capacity issues due to regional development or re-development, such as the Doral force main and Brickell Basin force main projects.
3. Projects which will be identified by the Comprehensive IAARP for wastewater collection and transmission mains.

Experience and Qualifications:

1. The Prime Consultant should demonstrate their successful experience with the planning, design, specifications and contract development, permitting and post design services during procurement and construction of various types of pipe materials including; polyvinyl chloride, high density polyethylene, concrete pressure pipe, ductile iron and various types of pipe installation.
2. The Prime Consultant should also demonstrate their successful design experience with large diameter pipelines (36-inch and greater). The Prime Consultant team should demonstrate their successful design experience with both micro-tunneling and horizontal directional drilling, with the Prime providing the experience in at least one (1) project of the aforementioned trenchless technologies. The successful experience on the above items should be demonstrated within the last ten (10) years prior to 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 the key design specialties.

3. The Prime Consultant should also demonstrate their successful design experience with large diameter pipelines (36-inch and greater). The Prime Consultant team should demonstrate their successful design experience with both micro-tunneling and horizontal directional drilling, with the Prime providing the experience in at least one (1) project of the aforementioned trenchless technologies. The successful experience on the above items should be demonstrated within the last ten (10) years prior to 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 the key design specialties.
4. The Prime Consultant shall provide descriptions of at least one (1) successfully designed, constructed and operating major new or upgraded water transmission pipeline and wastewater collection and wastewater transmission pipeline projects in which the Prime Consultant has served as the design engineer within the past ten (10) years prior to the date of this solicitation. For projects which the Respondent has served as the design consultant, the Respondent 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.
5. The Subconsultants shall provide a description of at least one (1) project that is relevant to this scope of work within the past ten (10) years prior to the date of this solicitation, specific to their proposed responsibilities.

Term of Contract: Two (2) Non-Exclusive Professional Services Agreements will be awarded under this solicitation. Maximum compensation for each Agreement exclusive of contingency is \$5,000,000 for an effective term of five (5) years with two (2) two-year (2) options to renew. Note that no minimum amount of work or compensation is guaranteed under this Agreement. Furthermore, the two (2) two-year options to renew are based solely on the approval of the County Mayor or County Mayor's designee.

Community Business Enterprise Goal/Measure: On January 29, 2014, Small Business Development Division (SBD), Internal Services Department established a 25% Community Business Enterprise (CBE) goal for each PSA for this solicitation.

Request to Advertise (RTA) Stamped by the Clerk of the Board (COB): April 2, 2014

Number of Proposals Received: Ten (10)

Name of Proposer(s): Please refer to the attached List of Respondents (LOR).

First Tier Results: See attached First-Tier Tabulation Sheet.

Second Tier Results: Not applicable. Based on the CSC's professional expertise the information provided in the proposals was deemed sufficient to determine the qualifications of

the teams. As a result of said determination and by a majority vote, the CSC decided to forego Second-Tier proceedings.

Request for Appointment of Negotiation Committee: Pursuant to Section 2-10.4 (6) of the Code of Miami-Dade County, ISD hereby requests the County Mayor or his designee approve the following Negotiation Committee, for the purpose of negotiating two (2) non-exclusive PSAs or this solicitation with the top two ranked firms:

Faith Samuels, ISD, Non-Voting Chairperson
Daniel Matthews, WASD
Rodney Lovett, WASD
Berrin Tansel, FIU
James Ferguson, WASD, Technical Advisor

Request for Authorization to Enter Negotiations: Pursuant to Section 2-10.4 (6) of the Code of Miami-Dade County, it is hereby requested that the County Mayor or his designee approve the selection of the following firms for negotiations, in the CSC's recommended order of preference. See below:

TOTAL ORDINAL SCORE
RANKING OF RESPONDENTS
SELECTION FOR PSA NEGOTIATION
TWO (2) AGREEMENTS WITH A
25% CBE GOAL EACH AGREEMENT

King Engineering, Inc.
Qualitative Points - 393
Ordinal Score - 7
Final Ranking - 1

A&P Consulting Transportation Engineers Corp.
Qualitative Points - 402
Ordinal Score - 10
Final Ranking - 2

The following teams will serve as the alternates:

A.D.A. Engineering, Inc.
Qualitative Points - 350
Ordinal Score - 14
Final Ranking - 3

EAC Consulting, Inc.
Qualitative Points - 361
Ordinal Score - 15
Final Ranking - 4

Page 5
Negotiation Authorization
Miami-Dade Water and Sewer Department
ISD Project No. E13-WASD-10

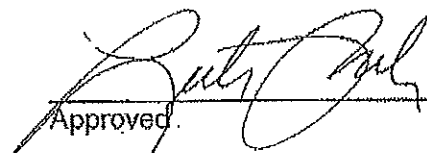
Pursuant to the Code of Silence legislation included in the Conflict of Interest and Code of Ethics Ordinance, and Section 2-11.1 of the County Code, the County Mayor or his designee will report to the Board of County Commissioners any of the following instances:

- When negotiations do not commence, or other affirmative action is not taken, within 30 days of the Competitive Selection Committee's recommendation.
- When the County Mayor or his designee's recommendation to award or reject is not made within 90 days from the date of the Competitive Selection Committee's recommendation.

If approved, the Negotiation Committee is to proceed with the contract negotiations pursuant to Section 6 of the above-mentioned Code, and submit the signed contracts ready to be presented to the BCC for final approval no later than 60 days from the date of this memorandum. Should negotiations fail with any of the five top ranked firms, approval is requested by way of this memorandum to initiate negotiations with the six ranked firm.

If a satisfactory agreement cannot be reached within the 60 day period, a report is required to be prepared fully explaining all problems resulting from the negotiations. If negotiations are proceeding within a reasonable timeframe, then negotiations are to continue and the report is to be submitted upon completion. The final contracts and report should be sent to this office.

Authorization to negotiate is:

 8/6/14
Approved: _____ Date

Attachments:

1. List of Respondents
2. First-Tier Tabulation Sheet

c: Bill Johnson, Director, WASD
Competitive Selection Committee
Clerk of the Board of County Commissioners



**MIAMI DADE COUNTY
INTERNAL SERVICES DEPARTMENT**

LIST OF RESPONDENTS

ISD Project Name: Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems

ISD Project No.: E13-WASD-10

Measures: 25% CBE Goal

Number of Agreements: 1

Contract Type: PROJECT SPECIFIC

Submittal Date: 05/19/2014

Submittal No: 1

Prime Name: CRAIG A. SMITH & ASSOCIATES, INC.

Trade Name:

Prime Local Preference: Yes

FEIN No.: 592010476

Subs Name	Trade Name	Subs FEIN No.
a. IBI GROUP (FLORIDA) INC.		591922964
b. LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, INC.		223167382
c. EGSC ENGINEERING CONSULTANTS, INC.		651043053
d. ABSOLUTE CIVIL ENGINEERING SOLUTIONS LLC		451989489

Submittal No: 2

Prime Name: KIMLEY-HORN AND ASSOCIATES, INC.

Trade Name:

Prime Local Preference: Yes

FEIN No.: 560886615

Subs Name	Trade Name	Subs FEIN No.
a. ROBAYNA AND ASSOCIATES, INC.		592119073
b. GEOSOL, INC.		650997886
c. TBE GROUP, INC. DBA CARDNO TBE		592367433
d. HOLT COMMUNICATIONS, INC.		161754464

Submittal No: 3

Prime Name: BND ENGINEERS, INC.

Trade Name:

Prime Local Preference: Yes

FEIN No.: 650421519

Subs Name	Trade Name	Subs FEIN No.
a. CDM SMITH, INC.	CAMP DRESSER & MCKEE INC	042473650
b. F.R. ALEMAN AND ASSOCIATES, INC.		592751524
c. GEOSOL, INC.		650997886



**MIAMI DADE COUNTY
INTERNAL SERVICES DEPARTMENT**

LIST OF RESPONDENTS

ISD Project No.: E13-WASD-10
Measures: 25% CBE Goal
Number of Agreements: 1
Contract Type: PROJECT SPECIFIC
Submittal Date: 05/19/2014

Submittal No: 4 **Prime Local Preference:** Yes
Prime Name: CHEN MOORE AND ASSOCIATES **FEIN No.:** 592739866
Trade Name: CHEN AND ASSOCIATES CONSULTING ENGINEERS, INC

Subs Name	Trade Name	Subs FEIN No.
a. JACOBS ENGINEERING GROUP, INC.		954081636
b. HDR ENGINEERING, INC.		470680568
c. CHEROKEE ENTERPRISES, INC.		650891158
d. PROFESSIONAL SERVICE INDUSTRIES, INC.		370962090
e. ROBAYNA AND ASSOCIATES, INC.		592119073
f. LONGITUDE SURVEYORS, LLC	P (3) S M, LLC	364551726
g. CUNNINGHAM GROUP, INC.		650818493
h. MEDIA RELATIONS GROUP, LLC		200118620

Submittal No: 5 **Prime Local Preference:** Yes
Prime Name: A & P CONSULTING TRANSPORTATION ENGINEERS **FEIN No.:** 650770583
CORP.
Trade Name:

Subs Name	Trade Name	Subs FEIN No.
a. STANTEC CONSULTING SERVICES, INC.		112167170
b. 300 ENGINEERING GROUP, P.A.	RAFAEL J. BALLESTEROS, P.E., P.A. - OLD NAME	562612529
c. NADIC ENGINEERING SERVICES INCORPORATED	NES	300052251
d. LONGITUDE SURVEYORS, LLC	P (3) S M, LLC	364551726
e. BCC ENGINEERING, INC.		650540100
f. MEDIA RELATIONS GROUP, LLC		200118620



**MIAMI DADE COUNTY
INTERNAL SERVICES DEPARTMENT**

LIST OF RESPONDENTS

ISD Project No.: E13-WASD-10
 Measures: 25% CBE Goal
 Number of Agreements: 1
 Contract Type: PROJECT SPECIFIC
 Submittal Date: 05/19/2014

Submittal No: 6
 Prime Name: H.J. ROSS ASSOCIATES, INC.
 Trade Name:

Prime Local Preference: Yes
 FEIN No.: 650163389

Subs Name	Trade Name	Subs FEIN No.
a. AVINO & ASSOCIATES, INC.		650053775
b. NIFAH AND PARTNERS CONSULTING ENGINEERS, INC.		650604266
c. NOVA CONSULTING, INC.		650577672
d. SRS ENGINEERING, INC.		650607552
e. VERTICAL V-SOUTHEAST, INC. DBA KACO		271979486

Submittal No: 7
 Prime Name: A.D.A. ENGINEERING, INC.
 Trade Name:

Prime Local Preference: Yes
 FEIN No.: 592064498

Subs Name	Trade Name	Subs FEIN No.
a. SRS ENGINEERING, INC.		650607552
b. AMEC ENVIRONMENT & INFRASTRUCTURE, INC.		911641772
c. HADONNE CORP.		651089850

Submittal No: 8
 Prime Name: EAC CONSULTING, INC.
 Trade Name:

Prime Local Preference: Yes
 FEIN No.: 660519739

Subs Name	Trade Name	Subs FEIN No.
a. GANNETT FLEMING, INC.		251613591
b. OH2 CONSULTING LLC		461472917
c. HADONNE CORP.		651089850
d. GEOSOL, INC.		650997886
e. METCO SERVICES SOUTHEAST, LLC		800203287
f. MANUEL G. VERA & ASSOCIATES, INC.		591741639
g. E SCIENCES, INCORPORATED		593667002
h. CRAVEN, THOMPSON & ASSOCIATES, INC.		590948029



**MIAMI DADE COUNTY
INTERNAL SERVICES DEPARTMENT**

LIST OF RESPONDENTS

ISD Project No.: E13-WASD-10
Measures: 25% CBE Goal

Number of Agreements: 1
Contract Type: PROJECT SPECIFIC
Submittal Date: 05/19/2014

Submittal No: 9
Prime Name: CES CONSULTANTS, INC.
Trade Name:

Prime Local Preference: Yes
FEIN No.: 650792884

Subs Name	Trade Name	Subs FEIN No.
a. TETRA TECH, INC		954148514
b. WADE TRIM, INC.		592417170
c. MILLER, LEGG & ASSOCIATES, INC.		650563467
d. TERRACON CONSULTANTS, INC.		421248917
e. CB&I ENVIRONMENTAL & INFRASTRUCTURE, INC.	IT CORPORATION (ITC)	770589932

Submittal No: 10
Prime Name: KING ENGINEERING ASSOCIATES, INC.
Trade Name:

Prime Local Preference: Yes
FEIN No.: 591782900

Subs Name	Trade Name	Subs FEIN No.
a. LETTER, PEREZ & ASSOCIATES, INC.		592746730
b. URS CORPORATION SOUTHERN	GREINER SOUTHERN, INC.	592087895
c. MILLER, LEGG & ASSOCIATES, INC.		650563467
d. GEOSOL, INC.		650997886
e. TIERRA SOUTH FLORIDA, INC		200282450
f. ROSS ENGINEERING, INC.		450500482
g. MEDIA RELATIONS GROUP, LLC		200118620

FIRM - REFERENCING July 16, 2014		COMPETITIVE SELECTION COMMITTEE						TOTAL QUALITATIVE SCORES	QUALITATIVE RANKING	TOTAL ORDINAL SCORES	ORDINAL RANKING	FINAL RANKING
		Daniel Matthews, WASD	Rodney Lovell, WASD	Karl Thompson, City of Weston	James Douglas Englishardt, DM	Bertin Tansel, RTU	SUB-TOTAL					
1	Crane & Smith & Associates, Inc.	5	8	30	35	25	103	21	14	27		
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	3	8	5	12	8	36	7	5	10		
	2A - Knowledge and Past Experiences of similar type projects (Max. 20 points)	15	20	15	18	12	80	16	11	21		
	3A - Past Performance of the Firms (Max. 20 points)	2	5	5	5	4	24	5	3	6		
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	2	1	1	3	3	10	2	1	3		
	5A - Ability of team members to interface with the County (Max. 5 points)	30	42	56	73	52						
	ORDINAL SCORES	9	10	10		10						
	Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A											
2	Example Horizontal Associates, Inc.	4	13	45	35	42	139	28	19	37		
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	3	11	20	14	18	66	13	9	18		
	2A - Knowledge and Past Experiences of similar type projects (Max. 20 points)	8	15	10	14	16	63	13	8	17		
	3A - Past Performance of the Firms (Max. 20 points)	4	5	5	3	3	20	4	3	5		
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	1	1	5	3	5	15	3	2	4		
	5A - Ability of team members to interface with the County (Max. 5 points)	20	45	85	69	84						
	ORDINAL SCORES	10	9	9	8	3						
	Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A											

TABULATION SHEET

MIAMI-DADE WATER AND SEWER DEPARTMENT
 DESIGN OF UPGRADES FOR WATER DISTRIBUTION AND SANITARY
 SEWAGE COLLECTION AND TRANSMISSION SYSTEMS
 ISD PROJECT NO. E13-WASD-10

FIRM NAME	COMPETITIVE SELECTION COMMITTEE						TOTAL QUALITATIVE SCORES	QUALITATIVE RANKING	TOTAL ORDINAL SCORES	ORDINAL RANKING	FINAL RANKING	
	Daniel Matthews, WASH	Kathy Lovell, WASH	Karl Thompson, City of Weston	James Douglas Egghardt, DM	Berth Tansel, RTU	SUB-TOTAL						
3	ENGINEERING MIAMI-DADE WATER AND SEWER DEPARTMENT DESIGN OF UPGRADES FOR WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS ISD PROJECT NO. E11-WASD-10											
TABULATION SHEET												
NAME OF FIRMS												
3	ENGINEERING, INC.											
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	30	23	45	40	36	174	35	23	46		
	2A - Knowledge and Past Experiences of similar type projects (Max. 20 points)	12	13	20	17	18	80	16	11	21		
	3A - Past Performance of the Firms (Max. 20 points)	10	15	18	16	18	77	15	10	20		
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	3	1	1	3	2	8	2	1	2		
	5A - Ability of team members to interface with the County (Max 5 points)	56	53	89	80	79	18	4	2	5		
	ORDINAL SCORES	4	3	1	5	8						
Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A												
4	GENERAL ASSOCIATES											
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	20	18	35	48	40	161	32	22	43		
	2A - Knowledge and Past Experiences of similar type projects (Max. 20 points)	4	18	10	18	18	68	14	9	18		
	3A - Past Performance of the Firms (Max. 20 points)	14	15	15	18	18	80	16	11	21		
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	3	2	2	5	3	15	3	2	4		
	5A - Ability of team members to interface with the County (Max 5 points)	2	1	4	5	5	17	3	2	5		
	ORDINAL SCORES	43	54	66	94	84						
	ORDINAL SCORES	7	7	9	9	4						
Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A												

FIRST FIRM MEETING July 18, 2014		COMPETITIVE SELECTION COMMITTEE						TOTAL ORIGINAL SCORES	QUALIFYING RANKING	TOTAL QUALIFYING SCORES	QUALIFYING RANKING	TOTAL ORIGINAL SCORES	ORDINAL RANKING	FINAL RANKING
MIAMI-DADE WATER AND SEWER DEPARTMENT DESIGN OF UPGRADES FOR WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS ISD PROJECT NO. E13-WASD-10		Daniel Mathews, WASD	Rodney Lovell, WASD	Karl Thompson, City of Weston	James Douglas Engelhardt, UM	Herlin Tansel, FTU	SUB-TOTAL	Average	High Priority	Low Priority	High Priority	Low Priority		
NAME OF FIRMS		NAME OF FIRMS												
5	1A - Qualification of firms including team members associated to the project (Max. 50 points) 2A - Knowledge and Past Experience of similar type projects (Max. 20 points) 3A - Past Performance of the Firms (Max. 20 points) 4A - Amount of Work Awarded and Paid by the County (Max. 5 points) 5A - Ability of team members to interface with the County (Max 5 points)	40	42	30	42	40	194	39	26	52	26	52		
	ORDINAL SCORES	15	17	18	18	15	83	17	11	22	11	22		
	Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A	11	20	18	18	18	85	17	11	23	11	23		
	HEP CONSULTING GROUP ENGINEERS, CORP.	4	4	4	4	3	19	4	3	5	3	5		
	ORDINAL SCORES	3	5	3	3	5	21	4	3	6	3	6		
	HEP CONSULTING GROUP ENGINEERS, CORP.	75	88	73	85	81								
	ORDINAL SCORES	2			3	5								
	Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A													
6	1A - Qualification of firms including team members associated to the project (Max. 50 points) 2A - Knowledge and Past Experience of similar type projects (Max. 20 points) 3A - Past Performance of the Firms (Max. 20 points) 4A - Amount of Work Awarded and Paid by the County (Max. 5 points) 5A - Ability of team members to interface with the County (Max 5 points)	12	21	40	38	35	146	29	20	39	20	39		
	ORDINAL SCORES	8	13	15	17	10	63	13	8	17	8	17		
	Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A	15	20	17	18	17	87	17	12	23	12	23		
	HEP CONSULTING GROUP ENGINEERS, CORP.	3	2	2	3	4	14	3	2	4	2	4		
	ORDINAL SCORES	2	5	5	3	5	20	4	3	5	3	5		
	HEP CONSULTING GROUP ENGINEERS, CORP.	40	61	79	79	71								
	ORDINAL SCORES	8		6	7	9								
	Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A													

TABULATION SHEET

FIRM'S REPRESENTATIVE DATE	COMPETITIVE SELECTION COMMITTEE						SUB-TOTAL	AVERAGE	LOW RANKING	HIGH RANKING	TOTAL QUALITATIVE SCORES	QUALITATIVE RANKING	TOTAL ORDINAL SCORES	ORDINAL RANKING	FINAL RANKING
	Donal Mathews, WASD	Rodney Lovell, WASD	Karl Thompson, City of Weston	James Douglas Kugler, UM	Beth Finsel, RTU										
7	MIAMI-DADE WATER AND SEWER DEPARTMENT DESIGN OF UPGRADES FOR WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS ISD PROJECT NO. EIS-WASD-10 TABULATION SHEET NAME OF FIRMS ED.A. Engineering, Inc. 1A - Qualification of firms including team members associated to the project (Max. 50 points) 2A - Knowledge and Past Experience of similar type projects (Max. 20 points) 3A - Past Performance of the Firms (Max. 20 points) 4A - Amount of Work Awarded and Paid by the County (Max. 5 points) 5A - Ability of team members to interface with the County (Max 5 points) ORDINAL SCORES Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A ED.A. Engineering, Inc.														
	26	23	35	44	44	44	166	33	22	44					
	5	15	15	18	15	15	68	14	9	18					
	15	15	15	20	17	17	82	16	11	22					
	4	3	3	5	3	3	18	4	2	5					
	3	1	3	4	5	4	16	3	2	4					
	47	57	71	91	84	84							150		
	6	6	6	7	2	2							14	3	3
8	ED.A. Engineering, Inc. 1A - Qualification of firms including team members associated to the project (Max. 50 points) 2A - Knowledge and Past Experience of similar type projects (Max. 20 points) 3A - Past Performance of the Firms (Max. 20 points) 4A - Amount of Work Awarded and Paid by the County (Max. 5 points) 5A - Ability of team members to interface with the County (Max 5 points) ORDINAL SCORES Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A ED.A. Engineering, Inc.														
	25	21	39	49	42	42	187	33	22	44					
	12	20	18	16	12	12	78	16	10	21					
	10	15	17	16	18	18	76	15	10	20					
	4	4	4	4	2	2	18	4	2	5					
	4	5	5	3	5	5	22	4	3	6					
	55	65	83	79	79	79							301		
	5	5	4	6	7	7							15	4	4

FIRST-STEP MEETING JULY 28, 2014		COMPETITIVE SELECTION COMMITTEE						QUALITATIVE RANKING	TOTAL QUALITATIVE SCORES	ORDINAL RANKING	TOTAL ORDINAL SCORES	ORDINAL RANKING		
MIAMI-DADE WATER AND SEWER DEPARTMENT DESIGN OF UPGRADES FOR WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS ISD PROJECT NO. E13-WASD-10		Daniel Matthews, WASD	Rodney Lovett, WASD	Karl Thompson, City of Weston	James Douglas Engelhardt, UMA	Berlin Tansel, KU	SUB-TOTAL	Average	Low Priority	High Priority	TOTAL QUALITATIVE SCORES	QUALITATIVE RANKING	TOTAL ORDINAL SCORES	ORDINAL RANKING
NAME OF FIRM(S)														
9	GES Consultants, Inc. 1A - Qualification of firms including team members associated to the project (Max. 50 points) 2A - Knowledge and Past Experience of similar type projects (Max. 20 points) 3A - Past Performance of the Firms (Max. 20 points) 4A - Amount of Work Awarded and Paid by the County (Max. 5 points) 5A - Ability of team members to interface with the County (Max 5 points) ORDINAL SCORES Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A	45	21	38	35	38	177	35	24	47				
10	King Engineering Associates, Inc. 1A - Qualification of firms including team members associated to the project (Max. 50 points) 2A - Knowledge and Past Experience of similar type projects (Max. 20 points) 3A - Past Performance of the Firms (Max. 20 points) 4A - Amount of Work Awarded and Paid by the County (Max. 5 points) 5A - Ability of team members to interface with the County (Max 5 points) ORDINAL SCORES Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A	15	18	18	17	15	83	17	11	22				
11	King Engineering Associates, Inc. 1A - Qualification of firms including team members associated to the project (Max. 50 points) 2A - Knowledge and Past Experience of similar type projects (Max. 20 points) 3A - Past Performance of the Firms (Max. 20 points) 4A - Amount of Work Awarded and Paid by the County (Max. 5 points) 5A - Ability of team members to interface with the County (Max 5 points) ORDINAL SCORES Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A	4	3	3	4	4	18	4	2	5				
12	King Engineering Associates, Inc. 1A - Qualification of firms including team members associated to the project (Max. 50 points) 2A - Knowledge and Past Experience of similar type projects (Max. 20 points) 3A - Past Performance of the Firms (Max. 20 points) 4A - Amount of Work Awarded and Paid by the County (Max. 5 points) 5A - Ability of team members to interface with the County (Max 5 points) ORDINAL SCORES Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A	32	59	80	74	80	20	4	3	5	575	3	16	5
13	King Engineering Associates, Inc. 1A - Qualification of firms including team members associated to the project (Max. 50 points) 2A - Knowledge and Past Experience of similar type projects (Max. 20 points) 3A - Past Performance of the Firms (Max. 20 points) 4A - Amount of Work Awarded and Paid by the County (Max. 5 points) 5A - Ability of team members to interface with the County (Max 5 points) ORDINAL SCORES Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A	1	5	5	6	6								
14	King Engineering Associates, Inc. 1A - Qualification of firms including team members associated to the project (Max. 50 points) 2A - Knowledge and Past Experience of similar type projects (Max. 20 points) 3A - Past Performance of the Firms (Max. 20 points) 4A - Amount of Work Awarded and Paid by the County (Max. 5 points) 5A - Ability of team members to interface with the County (Max 5 points) ORDINAL SCORES Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A	34	23	45	42	47	191	38	36	51				
15	King Engineering Associates, Inc. 1A - Qualification of firms including team members associated to the project (Max. 50 points) 2A - Knowledge and Past Experience of similar type projects (Max. 20 points) 3A - Past Performance of the Firms (Max. 20 points) 4A - Amount of Work Awarded and Paid by the County (Max. 5 points) 5A - Ability of team members to interface with the County (Max 5 points) ORDINAL SCORES Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A	12	20	20	17	15	84	17	11	22				
16	King Engineering Associates, Inc. 1A - Qualification of firms including team members associated to the project (Max. 50 points) 2A - Knowledge and Past Experience of similar type projects (Max. 20 points) 3A - Past Performance of the Firms (Max. 20 points) 4A - Amount of Work Awarded and Paid by the County (Max. 5 points) 5A - Ability of team members to interface with the County (Max 5 points) ORDINAL SCORES Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A	14	20	18	20	16	88	18	12	23				
17	King Engineering Associates, Inc. 1A - Qualification of firms including team members associated to the project (Max. 50 points) 2A - Knowledge and Past Experience of similar type projects (Max. 20 points) 3A - Past Performance of the Firms (Max. 20 points) 4A - Amount of Work Awarded and Paid by the County (Max. 5 points) 5A - Ability of team members to interface with the County (Max 5 points) ORDINAL SCORES Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A	3	1	1	3	1	8	2	1	2				
18	King Engineering Associates, Inc. 1A - Qualification of firms including team members associated to the project (Max. 50 points) 2A - Knowledge and Past Experience of similar type projects (Max. 20 points) 3A - Past Performance of the Firms (Max. 20 points) 4A - Amount of Work Awarded and Paid by the County (Max. 5 points) 5A - Ability of team members to interface with the County (Max 5 points) ORDINAL SCORES Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A	4	5	5	3	5	22	4	3	6				
19	King Engineering Associates, Inc. 1A - Qualification of firms including team members associated to the project (Max. 50 points) 2A - Knowledge and Past Experience of similar type projects (Max. 20 points) 3A - Past Performance of the Firms (Max. 20 points) 4A - Amount of Work Awarded and Paid by the County (Max. 5 points) 5A - Ability of team members to interface with the County (Max 5 points) ORDINAL SCORES Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A	66	69	89	85	84					393	2		
20	King Engineering Associates, Inc. 1A - Qualification of firms including team members associated to the project (Max. 50 points) 2A - Knowledge and Past Experience of similar type projects (Max. 20 points) 3A - Past Performance of the Firms (Max. 20 points) 4A - Amount of Work Awarded and Paid by the County (Max. 5 points) 5A - Ability of team members to interface with the County (Max 5 points) ORDINAL SCORES Tie-Breaker No. 1, 2, 3, 4, 5 / Criteria 1A, 2A, 3A, 4A, 5A, Total Qual. Points for Criteria 1A, 2A, 3A, 4A, 5A	3	2	2										

Denotes high and low scores (ropped)
Faith Samuels, ISD Chairperson

FY 2014 - 15 Proposed Budget and Multi-Year Capital Plan

PEAK FLOW MANAGEMENT FACILITIES

PROJECT #: 9653371

DESCRIPTION: Evaluate and construct alternatives for peak flow management facilities and associated infrastructure
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Connection Charges	39,210	0	0	0	0	0	0	0	39,210
Future WASD Revenue Bonds	0	0	22,383	66,405	33,998	42,052	56,614	283,106	505,358
WASD Revenue Bonds Sold	5,804	0	0	0	0	0	0	0	5,804
TOTAL REVENUES:	45,022	0	22,383	66,405	33,998	42,052	56,614	283,106	550,380
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	2,745	1,713	2,283	6,641	3,400	4,285	5,662	26,310	55,039
Construction	24,697	15,418	20,549	60,764	30,698	38,667	60,052	254,796	495,341
TOTAL EXPENDITURES:	27,442	17,131	22,832	66,405	33,998	42,052	56,614	283,106	550,380

CORROSION CONTROL FACILITIES IMPROVEMENTS

PROJECT #: 9653381

DESCRIPTION: Construct corrosion control facilities and force mains; renovate structures at wastewater treatment plants and pump stations; and restore sewer mains
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Renewal Fund	115	0	0	0	0	0	0	0	115
Future WASD Revenue Bonds	0	0	1,500	3,000	1,700	500	0	0	6,700
WASD Revenue Bonds Sold	800	0	0	0	0	0	0	0	800
TOTAL REVENUES:	915	0	1,500	3,000	1,700	500	0	0	7,615
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	4	5	15	30	17	5	0	0	76
Construction	411	495	1,485	2,970	1,683	495	0	0	7,539
TOTAL EXPENDITURES:	415	500	1,500	3,000	1,700	500	0	0	7,615

SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

PROJECT #: 9653401

DESCRIPTION: Construct plant process improvements including injection and monitoring wells, installation of emergency generators, acquiring a land buffer, construction of a landfill gas pipeline, installation of co-gas units, and construction of sludge handling facilities
 LOCATION: 8950 SW 232 St District Located: 0
 Unincorporated Miami-Dade County District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	3,706	6,848	6,795	13,519	117,884	59,541	208,293
WASD Revenue Bonds Sold	25,661	0	0	0	0	0	0	0	25,661
WASD Future Funding	0	0	0	0	0	0	0	182,500	182,500
TOTAL REVENUES:	25,661	0	3,706	6,848	6,795	13,519	117,884	242,041	416,454
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	17,074	3,198	2,928	6,410	6,368	10,680	93,128	101,212	328,980
Construction	4,539	850	778	1,438	1,427	2,839	24,756	60,820	87,456
TOTAL EXPENDITURES:	21,613	4,048	3,706	6,848	6,795	13,519	117,884	242,041	416,454

FY 2014 - 15 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 District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Renewal Fund	58,994	9,197	7,000	7,000	7,000	7,000	7,000	0	103,191
Future WAST Revenue Bonds	0	0	608	600	600	3,527	0	0	5,351
WAST Revenue Bonds Sold	771	0	0	0	0	0	0	0	771
WAST Future Funding	0	0	0	0	0	0	0	5,165	5,165
TOTAL REVENUES:	59,765	9,197	7,608	7,600	7,600	10,527	7,000	5,165	114,478
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	9,074	1,959	1,217	1,217	1,217	1,064	1,120	826	18,314
Construction	47,643	10,286	6,391	6,391	6,391	8,843	5,880	4,339	88,164
TOTAL EXPENDITURES:	56,717	12,245	7,608	7,608	7,608	10,527	7,000	5,165	114,478

SANITARY SEWER SYSTEM EXTENSION

PROJECT #: 9653261

DESCRIPTION: Extend sewer system lines to include the existing sanitary sewer needs assessment
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Renewal Fund	57,895	460	0	0	0	0	0	0	50,455
Future WAST Revenue Bonds	0	0	2,113	2,113	2,113	4,113	2,038	390,000	402,490
WAST Revenue Bonds Sold	10,515	0	0	0	0	0	0	0	10,515
TOTAL REVENUES:	68,410	460	2,113	2,113	2,113	4,113	2,038	390,000	471,460
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	7,247	339	232	232	232	452	224	42,000	51,858
Construction	68,643	2,741	1,881	1,881	1,881	3,661	1,814	347,100	419,602
TOTAL EXPENDITURES:	65,890	3,080	2,113	2,113	2,113	4,113	2,038	390,000	471,460

WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

PROJECT #: 9653311

DESCRIPTION: Install various water mains throughout the distribution system
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Water Renewal and Replacement Fund	90,098	1,658	2,000	2,000	2,000	2,000	2,000	1,476,000	1,586,558
Future WAST Revenue Bonds	0	0	50,872	60,555	88,907	52,003	54,772	52,499	309,608
WAST Revenue Bonds Sold	44,559	0	0	0	0	0	0	0	44,559
TOTAL REVENUES:	134,657	1,658	52,872	62,555	90,907	54,003	56,772	1,527,499	1,989,813
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	31,055	25,516	7,133	8,132	11,030	8,320	7,300	198,576	290,741
Construction	84,302	1,442	47,739	54,423	79,187	55,683	49,392	1,328,024	1,701,072
TOTAL EXPENDITURES:	115,357	26,958	54,872	62,555	90,907	64,003	56,772	1,527,499	1,989,813

FY 2014 - 15 Proposed Budget and Multi-Year Capital Plan

WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT

PROJECT #: 968090

DESCRIPTION: Installing new sewer service to commercial properties which are on septic. Project consists of various line sizes and pump stations.
 LOCATION: Various Sites District Located: N/A
 Throughout Miami-Dade County District(s) Served: N/A

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Future WAST Revenue Bonds	0	0	14,401	14,700	42,029	68,182	62,956	71,237	273,001
TOTAL REVENUES:	0	0	14,401	14,700	42,029	68,182	62,956	71,237	273,001
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	0	0	1,440	1,400	4,203	6,818	6,296	7,124	27,381
Construction	0	0	12,961	13,310	37,826	61,364	56,660	64,113	246,240
TOTAL EXPENDITURES:	0	0	14,401	14,700	42,029	68,182	62,956	71,237	273,001

WASTEWATER COLLECTION AND TRANSMISSION LINES - CONSENT

PROJECT #: 068150

DESCRIPTION: Design, construct, and rehabilitate collection and transmission infrastructure lines to comply with EPA Consent Decree
 LOCATION: Various Sites District Located: Countywide
 Throughout Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Connection Charges	13,409	9,329	0	0	0	0	0	0	22,738
Wastewater Renewal Fund	2,621	637	109	0	0	0	0	0	3,347
Future WAST Revenue Bonds	0	0	76,175	104,102	36,557	25,786	19,100	75,074	329,794
WAST Revenue Bonds Sold	35,042	0	0	0	0	0	0	0	35,042
TOTAL REVENUES:	51,132	9,966	76,364	104,102	36,557	25,786	19,100	75,074	399,981
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	3,360	2,016	8,552	10,410	3,656	2,579	1,010	7,607	39,090
Construction	30,342	18,147	76,967	93,692	32,901	23,207	9,090	67,867	351,083
TOTAL EXPENDITURES:	33,600	20,163	85,519	104,102	36,557	25,786	19,100	75,074	399,981

WASTEWATER PIPES AND INFRASTRUCTURE PROJECTS

PROJECT #: 968760

DESCRIPTION: Replace and install new pipelines in areas requiring service improvements
 LOCATION: Various Sites District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Renewal Fund	24,874	0	6,811	6,326	5,826	5,310	4,780	0	53,927
WAST Revenue Bonds Sold	1,580	0	0	0	0	0	0	0	1,580
TOTAL REVENUES:	26,454	0	6,811	6,326	5,826	5,310	4,780	0	55,507
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	3,753	480	1,090	1,012	932	850	765	0	8,882
Construction	19,701	2,520	5,721	5,314	4,894	4,460	4,015	0	46,625
TOTAL EXPENDITURES:	23,454	3,000	6,811	6,326	5,826	5,310	4,780	0	55,507

FY 2014 - 15 Proposed Budget and Multi-Year Capital Plan

WASTEWATER TREATMENT PLANTS REPLACEMENT AND RENOVATION

PROJECT #: 9853261

DESCRIPTION: Renovate and replace wastewater treatment plant facilities and structures within plant sites
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Renewal Fund	58,994	0,197	7,000	7,000	7,000	7,000	7,000	0	103,191
Future WAST Revenue Bonds	0	0	000	000	608	3,527	0	0	5,351
WAST Revenue Bonds Sold	771	0	0	0	0	0	0	0	771
WAST Future Funding	0	0	0	0	0	0	0	5,165	5,165
TOTAL REVENUES:	59,765	9,197	7,600	7,600	7,608	10,527	7,000	5,165	114,478
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	9,074	1,959	1,217	1,217	1,217	1,804	1,120	026	18,314
Construction	47,643	10,286	6,391	6,391	6,391	8,643	5,880	4,339	88,164
TOTAL EXPENDITURES:	56,717	12,245	7,608	7,608	7,608	10,527	7,000	5,165	114,478

SANITARY SEWER SYSTEM EXTENSION

PROJECT #: 9853201

DESCRIPTION: Extend sewer system lines to include the existing sanitary sewer needs assessment
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Renewal Fund	57,995	480	0	0	0	0	0	0	58,475
Future WAST Revenue Bonds	0	0	2,113	2,113	2,119	4,113	2,038	390,000	402,490
WAST Revenue Bonds Sold	10,515	0	0	0	0	0	0	0	10,515
TOTAL REVENUES:	68,510	480	2,113	2,113	2,119	4,113	2,038	390,000	471,460
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	7,247	339	232	232	232	452	224	42,000	51,050
Construction	58,643	2,741	1,881	1,881	1,881	3,661	1,814	347,100	410,602
TOTAL EXPENDITURES:	65,890	3,080	2,113	2,113	2,113	4,113	2,038	390,000	471,460

WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

PROJECT #: 9853311

DESCRIPTION: Install various water mains throughout the distribution system
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Water Renewal and Replacement Fund	98,808	1,658	2,000	2,000	2,000	2,000	2,000	1,475,000	1,585,658
Future WAST Revenue Bonds	0	0	60,872	60,555	60,997	62,003	64,772	62,499	309,698
WAST Revenue Bonds Sold	44,550	0	0	0	0	0	0	0	44,550
TOTAL REVENUES:	143,457	1,658	62,872	62,555	60,997	64,003	66,772	1,527,499	1,999,813
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	31,955	25,516	7,133	6,132	11,030	8,320	7,380	198,575	298,741
Construction	84,302	1,442	47,739	54,423	79,167	55,683	49,392	1,328,924	1,701,072
TOTAL EXPENDITURES:	116,157	20,958	54,872	62,555	60,997	64,003	58,772	1,527,499	1,999,813

FY 2014 - 15 Proposed Budget and Multi-Year Capital Plan

PROJECT #: 067090

EXTENSION OF SEWER SYSTEM TO COMMERCIAL AND INDUSTRIAL CORRIDORS OF THE COUNTY AS PER BCC RESOLUTION R-537-14, - BUILDING BETTER COMMUNITIES BOND PROGRAM

DESCRIPTION: Extend sewer service to developed commercial and industrial corridors in Miami-Dade County
 LOCATION: Various Sites
 Throughout Miami-Dade County

District Located: Countywide
 District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
BCC GOB Financing	0	0	1,000	6,000	39,000	44,000	36,000	0	126,000
TOTAL REVENUES:	0	0	1,000	6,000	39,000	44,000	36,000	0	126,000
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	0	0	1,000	6,000	0	0	0	0	7,000
Construction	0	0	0	0	30,000	44,000	36,000	0	110,000
TOTAL EXPENDITURES:	0	0	1,000	6,000	39,000	44,000	36,000	0	126,000

WATER PIPES AND INFRASTRUCTURE PROJECTS

PROJECT #: 067100

DESCRIPTION: Replace pipe and construct infrastructure repairs
 LOCATION: Countywide
 Various Sites

District Located: Systemwide
 District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Water Renewal and Replacement Fund	45,024	0	6,837	6,202	5,548	4,874	4,180	0	72,665
WASD Revenue Bonds Sold	10,943	0	0	0	0	0	0	0	10,943
TOTAL REVENUES:	55,967	0	6,837	6,202	5,548	4,874	4,180	0	83,608
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	1,597	320	596	248	222	195	167	0	3,345
Construction	36,301	7,080	14,310	5,954	5,326	4,679	4,013	0	80,283
TOTAL EXPENDITURES:	39,898	6,000	14,906	6,202	5,548	4,874	4,180	0	83,608

UPGRADE OF MIAMI SPRINGS PUMP STATIONS - GENERAL OBLIGATION BONDS (GOB)

PROJECT #: 067730

DESCRIPTION: Upgrade electrical control panels, pumps and proprietary SCADA system
 LOCATION: Various Sites
 Various Sites

District Located: G
 District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
BCC GOB Financing	0	200	71	0	0	0	0	0	271
BCC GOB Series 2008B-1	559	0	0	0	0	0	0	0	559
BCC GOB Series 2011A	0	0	0	0	0	0	0	0	0
TOTAL REVENUES:	587	200	71	0	0	0	0	0	838
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Construction	587	200	71	0	0	0	0	0	838
TOTAL EXPENDITURES:	587	200	71	0	0	0	0	0	838

Department: Water and Sewer

11/20/2014 1:58:06 PM

BUDGET PROJECT 9653371 - (As per 2013-2014 Approved Budget)

Project Title: 9653371-PEAK FLOW MANAGEMENT FACILITIES
 Project Desc: Evaluate and construct alternatives for peak flow management facilities and associated infrastructure

CDP Revenue:	CDP Project 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	61,448,000	33,817,000	725,201,000	820,466,000
WASD 2013 Revenue Bon	0	0	0	813,000	0	0	0	0	813,000
WASD Future Funding	0	0	0	0	0	0	0	6,000,000	6,000,000
WASD Revenue Bonds So	0	0	644,000	0	0	0	0	0	644,000
Wastewater Connection	0	0	13,610,000	8,451,000	937,000	0	0	0	22,998,000
Wastewater Constructf	0	0	0	0	0	0	0	0	0
Wastewater Constructf	0	0	0	0	0	0	0	0	0
Wastewater Constructf	0	0	0	0	0	0	0	0	0
Wastewater Renewal Fu	0	0	16,473,000	0	0	0	0	0	16,473,000

SITE Location/Desc:	CIIS Site Funding Info								
	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
08523 - Various Locations	0	0	0	45,022,000	0	0	22,383,000	482,975,000	550,380,000

Desc: Evaluate alternatives for, and construct peak flow management facilities.

	Fiscal Years												Total:							
	05-06:	06-07:	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 BY:	7	0	0	0	14,474,000	6,682,000	24,482,000	80,730,000	120,484,000	240,866,000	211,512,000	109,821,000	165,555,000							984,605,000.00
CIIS Proposed MS:	14	0	0	0	8,943,000	8,387,000	24,453,000	83,784,000	120,485,000	240,865,000	211,512,000	109,821,000	37,129,000	128,428,000						984,605,000.00

CIIS Proposed Book Report

PROJECT REPORT 4

EXIT

Current Contracts for Project 9653371

Dept	ContractNo	Contract Name	RTA / MCC Estimated Allocation	Award / MCC Award Allocation	CIIS Award
WS	<u>DB13-WASD-01</u>	Design-Build Services for the Installation of Gravity Sewer Interceptors for the Proposed Master Pump Station No. 3	\$0.00	\$13,713,360.00	\$13,713,360.00
WS	<u>DB13-WASD-01</u>	Design-Build Services for the Installation of Gravity Sewer Interceptors for the Proposed Master Pump Station No. 3	\$15,293,660.00	\$0.00	\$13,713,360.00
WS	<u>E09-WASD-01</u>	Engineering design services for a 48-inch sewage force main extension to redirect flow discharge into an existing 72-inch sewer gravity Interceptor pipeline to the existing 48-inch discharge force main from Pump Station 2 located at 1075 Biscayne Boulevard north to N.W. 36 Street.	\$1,870,000.00	\$0.00	\$0.00
WS	<u>E13-WASD-10</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$1,833,333.33	\$0.00	\$1,000,000.00
WS	<u>E13-WASD-10</u>	Design of Upgrades for Water Distribution and Sanitary Sewage	\$0.00	\$1,833,333.33	\$1,000,000.00

		Collection and Transmission Systems			
WS	<u>E13-WASD-10 (A)</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$0.00	\$916,666.67	\$5,500,000.00
WS	<u>E13-WASD-10 (B)</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$0.00	\$916,666.67	\$5,500,000.00
WS	7360: <u>P0054</u>	PUMP STATION 348 ODOR CONTROL AND WET WELL CORROSION REHAB.	\$409,770.00	\$0.00	\$0.00
WS	7360: <u>P0054-R</u>	PUMP STATION 348 ODOR CONTROL AND WET WELL CORROSION REHAB.	\$418,570.00	\$0.00	\$869,519.94
WS	7360: <u>P0077</u>	Furnish & Install 48-Inch Valves and Access Manholes in Exist 48-Inch Concrete Pipe	\$1,365,535.65	\$0.00	\$2,056,302.32
WS	<u>S-758R</u>	Conversion of Sewage Pump Station No. 418 to Booster Station	\$6,100,000.00	\$0.00	\$0.00
WS	<u>S-804 (A)</u>	Installation of 60-Inch FM along SW 211 St. and 212 St. from SMHWTP to Old Cutler Rd.	\$22,208,000.00	\$0.00	\$0.00
WS	<u>S-852</u>	Proposed Master Pump Station No. 3	\$21,000,610.00	\$0.00	\$21,976,500.00
WS	<u>S-852</u>	Proposed Master Pump Station No. 3	\$0.00	\$21,976,500.00	\$21,976,500.00
WS	7040: <u>T1742</u>	HVAC Improvement at Effluent Pump Station S-0750	\$400,000.00	\$0.00	Cancelled
WS	7040: <u>T1742R</u>	HVAC Improvement at Effluent Pump Station S-0750	\$400,000.00	\$0.00	\$473,000.00
WS	7040: <u>T1795</u>	Furnish and Install 30 Inch DI Force Main in SW 3 Ave from SW 15 Rd to SW 11 St	\$331,700.00	\$0.00	\$483,110.50

Total Allocated: \$71,231,178.98 \$39,356,526.67

Current Contracts for Sites of Project 9653371

(Theses contracts are not necessarily funded from this project)

<u>Dept</u>	<u>Site NO</u>	<u>ContractNo</u>	<u>Award Allocation</u>
WS	#68523	S-804 (A)	\$22,208,000.00
WS	#68523	P0077	\$1,365,535.65
WS	#68523	T1742	\$400,000.00
WS	#68523	S-852	\$21,976,500.00
WS	#68523	DB13-WASD-01	\$13,713,360.00
WS	#68523	T1795	\$331,700.00
WS	#68523	<u>T1742R</u>	\$400,000.00

Total Allocated: \$60,395,095.65

Search for Site Number
Search for Budget Project Number

Department: Water and Sewer

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BUDGET PROJECT 9653281 - (As per 2013-2014 Approved Budget)

Project Title: 9653281-SANITARY SEWER SYSTEM EXTENSION
 Project Desc: Extend sewer system lines to include the existing sanitary sewer needs assessment

CDP Revenue:	CDP Project Revenue								Total:
	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	
EPA Grant	0	0	0	0	0	0	0	0	0
Future WASD Revenue B	0	0	0	0	0	1,835,000	2,113,000	400,377,000	404,325,000
WASD 2013 Revenue Bon	0	0	0	4,818,000	0	0	0	0	4,818,000
WASD Future Funding	0	0	0	0	0	0	0	0	0
WASD Revenue Bonds So	0	0	2,447,000	0	0	0	0	0	2,447,000
Wastewater Constructi	0	0	0	0	0	0	0	0	0
Wastewater Constructi	0	0	0	0	0	0	0	0	0
Wastewater Renewal Fu	0	0	14,109,000	3,846,000	100,000	0	0	0	18,054,000

SITE Location/Desc:	CIIS Site Funding Info								Total:
	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	
68515 - Various Locations-Budget	0	0	0	68,410,000	100,000	460,000	2,113,000	400,377,000	471,460,000

Desc: Extend sewer lines, including Stephens Manor and South Dixie Highway sewer extension projects.

	05-08-07-		08-09:	09-10:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	17-19-19-20-21-22-23-								Total:	
	Recs:	06: 07: 08:									16-17:	18: 19: 20:	21: 22: 23: 24:							
CIIS Proposed RV:	5	0 0	0	30,220,000	12,762,000	6,808,000	2,588,000	2,113,000	2,113,000	2,113,000	2,113,000	548,000	0	0	0	0	0	0	0	60,239,000.00
CIIS Proposed MS:	10	0 0	0	22,041,000	17,941,000	7,168,000	4,089,000	2,113,000	2,113,000	2,113,000	2,113,000	548,000	0	0	0	0	0	0	0	60,239,000.00

CIIS/Proposed Book Report

PROJECT REPORT A

EXIT

Current Contracts for Project 9653281

Dept	ContractNo	Contract Name	RTA / MCC Estimated Allocation	Award / MCC Award Allocation	CIIS Award
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-14, GOB</u>	Miami Gardens Sanitary Sewage Force Main	Cancelled	Cancelled	Cancelled
WS	<u>E05-WASD-14, GOB</u>	Miami Gardens Sanitary Sewage Force Main	Cancelled	Cancelled	Cancelled
WS	<u>E06-WASD-09</u>	Design of Upgrades for the MDWASD's Water	\$0.00	\$412,500.00	\$825,000.00

		Distribution and Sanitary Sewer Systems including Force Mains and Sanitary Sewer Gravity Mains			
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-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>E13-WASD-10</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$1,833,333.33	\$0.00	\$1,000,000.00
WS	<u>E13-WASD-10</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$0.00	\$1,833,333.33	\$1,000,000.00
WS	<u>E13-WASD-10 (A)</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$0.00	\$916,666.67	\$5,500,000.00
WS	<u>E13-WASD-10 (B)</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$0.00	\$916,666.67	\$5,500,000.00
WS	7360: <u>P0061</u>	STATE ROAD 826 (PALMETTO EXPRESSWAY) SR-826/836 INTERCHANGE 36	\$130,614.00	\$0.00	\$232,474.17
WS	7360: <u>P0098</u>	SEWER STRUCTURES CORROSION REHABILITATION	\$540,000.00	\$0.00	\$487,880.65
WS	7360: <u>P0099</u>	Emergency Installation of 30-Inch D.I Force Main by Pass in NW 57 Ave .	\$87,077.97	\$0.00	\$139,483.10

WS	<u>S-778</u>	Furnish and Install 16-inch Ductile Iron Force Main in SW 87 Ave. from SW 132 St. to SW 120 St.	\$1,535,756.00	\$0.00	\$1,385,036.73
WS	<u>S-778</u>	Furnish and Install 16-inch Ductile Iron Force Main in SW 87 Ave. from SW 132 St. to SW 120 St.	\$0.00	\$1,385,036.73	\$1,385,036.73
WS	<u>S-783</u>	Installation of 16-inch ductile iron (D.I.) Sanitary Sewer in NE 172nd Street from Collins Avenue to North Bay Road	\$740,000.00	\$0.00	\$1,383,350.52
WS	<u>S-783</u>	Installation of 16-inch ductile iron (D.I.) Sanitary Sewer in NE 172nd Street from Collins Avenue to North Bay Road	\$0.00	\$1,622,283.37	\$1,383,350.52
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>T1285</u>	Relocate 12	\$74,283.60	\$0.00	Cancelled
WS	7040: <u>T1387</u>	SEWER STRUCTURES CORROSION REHABILITATION	\$281,261.00	\$0.00	Cancelled
WS	7040: <u>T1401</u>	Furnish and Install 36 Inch D.I.F.M. in NW 107 Ave.	\$1,655,627.05	\$0.00	\$1,679,249.87
WS	7040: <u>T1427</u>	FURNISH & INSTALL 24-INCH C905 PVC FORCE MAIN IN NW 35 AVE.	\$575,967.48	\$0.00	\$519,980.14
WS	7040: <u>T1488</u>	FURNISH AND INSTALL 8-inch D.I. FORCE MAIN	\$481,811.19	\$0.00	\$453,803.11
WS	7040: <u>T1527</u>	Proposed Abandonment and Rerouting of 48 and 36 Inch Force Main in NE 151 St.	\$941,912.16	\$0.00	\$0.00
WS	7040: <u>T1888</u>	<u>EMERGENCY LINE REPLACEMENT OF 8-INCH GRAVITY SEWER MAIN ALONG NW 114 AVE</u>	<u>\$230,000.00</u>	<u>\$0.00</u>	<u>\$275,843.60</u>

Total Allocated: \$14,293,549.18 \$10,969,866.67

Current Contracts for Sites of Project 9653281

(These contracts are not necessarily funded from this project)

Award

<u>Dept</u>	<u>Site NO</u>	<u>ContractNo</u>	<u>Allocation</u>
WS	#68515	S-778	\$1,385,036.73
WS	#68515	T1488	\$481,811.19
WS	#68515	P0098	\$540,000.00
WS	#68515	P0099	\$87,077.97
<u>WS</u>	#68515	<u>T1888</u>	<u>\$230,000.00</u>

Total Allocated: \$2,723,925.89

Search for Site Number
Search for Budget Project Number

Department: Water and Sewer

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BUDGET PROJECT 968750 - (As per 2013-2014 Approved Budget)

Project Title: 968750-WASTEWATER PIPES AND INFRASTRUCTURE PROJECTS
 Project Desc: Replace and install new pipelines in areas requiring service improvements

CDP Project Revenue

CDP Revenue:	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
WASD Revenue Bonds So	0	0	1,642,000	0	0	0	0	0	1,642,000
Wastewater Renewal Fu	0	0	12,727,000	3,523,000	3,000,000	3,000,000	3,000,000	9,000,000	34,250,000

CIIS Site Funding Info

SITE Location/Desc:	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
76623 - Various	0	0	0	20,384,000	6,070,000	0	6,811,000	22,242,000	55,507,000

Desc: Replace and install new pipelines in areas requiring service improvements

Recs:	05-06:	06-07:	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:	Total:
CIIS Proposed RV:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
CIIS Proposed MS:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00

PROJECT REPORT 4

EXIT

Current Contracts for Project 968750

Dept	ContractNo	Contract Name	RTA / MCC Award / MCC Estimated Allocation	MCC Award Allocation	CIIS Award
WS	<u>E12-WASD-02</u>	Engineering services for a Design Criteria Professional for the Replacement/Rehabilitation of 72-inch Sanitary Sewage Force Main along Northwest/Northeast 159th Street Between Northwest 17th Avenue and Northeast 10th Avenue	\$550,000.00	\$0.00	\$50,000.00
WS	<u>E12-WASD-02</u>	Engineering services for a Design Criteria Professional for the Replacement/Rehabilitation of 72-inch Sanitary Sewage Force Main along Northwest/Northeast 159th	\$0.00	\$550,000.00	\$50,000.00

		Street Between Northwest 17th Avenue and Northeast 10th Avenue		
WS	<u>E13-WASD-10</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$1,833,333.33	\$0.00 \$1,000,000.00
WS	<u>E13-WASD-10</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$0.00	\$1,833,333.33 \$1,000,000.00
WS	<u>E13-WASD-10 (A)</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$0.00	\$916,666.67 \$5,500,000.00
WS	<u>E13-WASD-10 (B)</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$0.00	\$916,666.67 \$5,500,000.00
WS	<u>7040:T1755</u>	Furnish & Install 8 Inch Sanitary Sewer Extension Along West of NE 20 Ave. Between NE 163rd & 163st.	\$160,000.00	\$0.00 Cancelled
WS	<u>7040:T1811</u>	FURNISH AND INSTALL 6	\$557,863.00	\$0.00 \$775,281.75
WS	<u>7040:T1912</u>	Furnish and Install 6 inch 8 inch and 12 inch DI FM	\$870,530.69	\$0.00 \$979,519.18
WS	<u>7040:T1914</u>	Furnish and install 8 Inch DI FM in NW 194th Terrace NW 29th Place and NW 183rd	\$699,024.57	\$0.00 \$697,779.89

Total Allocated: \$4,510,751.59 \$4,216,666.67

Current Contracts for Sites of Project 968750

(Theses contracts are not necessarily funded from this project)

<u>Dept</u>	<u>Site NO</u>	<u>ContractNo</u>	<u>Award Allocation</u>
WS	#76623	E12-WASD-02	\$550,000.00
WS	#76623	T1755	\$160,000.00
WS	#76623	T1811	\$557,863.00
WS	#76623	T1912	\$870,530.69
WS	#76623	<u>T1914</u>	<u>\$699,024.57</u>

Total Allocated: \$2,837,418.26

Search for Site Number

Search for Budget Project Number

Department: Water and Sewer

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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							Total:	
	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:		FUTURE:
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							Total:	
	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:		FUTURE:
68517 - Various Locations	0	0	0	141,957,000	1,500,000	1,658,000	52,872,000	1,801,826,000	1,999,813,000

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

Reas:	05-09-07- 00: 00: 02: 00: 00-09: 09-10: 10-11: 11-12: 12-13: 13-14: 14-15: 15-16: 17-18-19-20-21-22-23- 18: 18: 20: 21: 22: 23: 24:												Total:						
	00: 00: 02: 00:	00-09:	09-10:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	17-18-19-20-21-22-23- 18: 18: 20: 21: 22: 23: 24:									
CIIS Proposed RV:	0	0	0	39,072,000	7,267,000	14,608,000	28,820,000	25,792,000	20,344,000	18,085,000	32,274,000	69,224,000	0	0	0	0	0	0	239,476,000.00
CIIS Proposed MS:	16	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 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>E13-WASD-10</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$1,833,333.33	\$0.00	\$1,000,000.00
WS	<u>E13-WASD-10</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$0.00	\$1,833,333.33	\$1,000,000.00
WS	<u>E13-WASD-10(A)</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$0.00	\$916,666.67	\$5,500,000.00
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>T1773</u>	Proposed 36 Inch D.I. Water Main.	\$3,713,091.46	\$0.00	Cancelled

WS	<u>7040: T1790</u>	EMERGENCY PIPELIEN INSTALLATION	\$122,000.00	\$0.00	\$170,264.11
WS	<u>7040: T1867</u>	FURNISH AND INSTALL 8- INCH D.I. WATER MAIN IN NW 31 STREET THROUGH 35 STREET FROM 15TH AVE TO 12 AVE	\$1,563,609.00	\$0.00	Cancelled
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 and 8-Inch Water Main Extension</u>	<u>\$840,000.00</u>	<u>\$0.00</u>	<u>\$824,222.94</u>

Total Allocated: \$38,785,366.56 \$11,423,311.99

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	T1758	\$210,000.00
WS	#68517	T1790	\$122,000.00
WS	#68517	T1773	\$3,712,091.46
<u>WS</u>	#68517	<u>T1867</u>	<u>\$1,563,609.00</u>
Total Allocated:			\$6,130,110.46

Search for Site Number
Search for Budget Project Number

Department: Water and Sewer

11/20/2014 1:58:53 PM

BUDGET PROJECT 967190 - (As per 2013-2014 Approved Budget)

Project Title: 967190-WATER PIPES AND INFRASTRUCTURE PROJECTS

Project Desc: Replace pipe and construct infrastructure repairs

CDP Project Revenue

CDP Revenue:	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
WASD Revenue Bonds So	0	0	13,025,000	0	0	0	0	0	13,025,000
Water Renewal and Rep	0	0	24,588,000	0	0	3,654,000	3,000,000	7,156,000	38,398,000

CIIS Site Funding Info

SITE Location/Desc:	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
76621 - Various	0	0	0	47,784,000	8,183,000	0	6,837,000	20,804,000	83,608,000

Desc: Replace pipe and construct infrastructure repairs

	05-06:	06-07:	07-08:	08-09:	09-10:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	17-18:	18-19:	19-20:	20-21:	21-22:	22-23:	23-24:	Total:
CIIS Proposed RV:	1	0	0	0	148,000	5,195,000	8,500,000	1,000,000	5,000,000	5,000,000	5,000,000	5,000,000	0	0	0	0	0	0	34,843,000.00
CIIS Proposed MS:	2	0	0	0	0	5,195,000	8,500,000	0	0	0	0	0	0	0	0	0	0	0	13,695,000.00

CIIS Proposed Book Report

PROJECT REPORT 4

EXIT

Current Contracts for Project 967190

Dept	ContractNo	Contract Name	RTA / MCC Award / MCC Estimated Allocation	Award Allocation	CIIS Award
WS	<u>E12-WASD-03</u>	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 analysis, risk assessments and renewal option protocols.	\$2,000,000.00	\$0.00	\$2,200,000.00
WS	<u>E12-WASD-03</u>	Program Management Consultant and related services to establish a	\$0.00	\$2,200,000.00	\$2,200,000.00

		Comprehensive Infrastructure Assessment and Replacement Program for water transmission and distribution mains including preparation of condition evaluations, forensic analysis, risk assessments and renewal option protocols.			
WS	<u>E13-WASD-10</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$1,833,333.33	\$0.00	\$1,000,000.00
WS	<u>E13-WASD-10</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$0.00	\$1,833,333.33	\$1,000,000.00
WS	<u>E13-WASD-10 (A)</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$0.00	\$916,666.67	\$5,500,000.00
WS	<u>E13-WASD-10 (B)</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$0.00	\$916,666.67	\$5,500,000.00
WS	<u>7360:P0064</u>	Installation of 54-Inch Gate Valves and Access Manholes on the Existing W.M. Along N.W 57 Ave	\$451,842.24	\$474,935.00	\$579,338.05
WS	<u>7360:P0070</u>	Emergency 48	\$125,000.00	\$0.00	\$126,362.51
WS	<u>7360:P0071</u>	Emergency Repair on SW 107 Ave & SW 76 St	\$80,000.00	\$0.00	\$75,047.46
WS	<u>7360:P0072</u>	Emergency Installation of 12 Access MH Structures on 54 & 48 Inches Water Main	\$272,011.34	\$0.00	\$222,223.37
WS	<u>7360:P0073</u>	Emergency Fibrwrap @ SW 68 st and 102 ave	\$330,000.00	\$0.00	Cancelled
WS	<u>7360:P0076</u>	FURNISH AND INSTALL 2-72 INCH BUTTERFLY VALVES IN EXISTING	\$481,212.75	\$0.00	\$805,963.99

WS	<u>7360:</u> <u>P0084</u>	72 INCH P.C.C.P. EMERGENCY CONSTRUCTION OF SIX ACCESS MANHOLES AT VARIOUS LOCATIONS	\$139,541.80	\$0.00	\$139,541.80
WS	<u>7360:</u> <u>P0087</u>	EMERGENCY INTERIOR CARBON FIBERREHABILITATION OF THREE LG OF 54	\$200,000.00	\$0.00	\$201,300.00
WS	<u>7360:</u> <u>P0088</u>	EMERGENCY CONSTRUCTION OF 3 ACCESS MH STRUCTURES	\$95,000.00	\$0.00	\$93,303.00
WS	<u>7360:</u> <u>P0090</u>	Emergency Construction of 10 Access Manhole structures	\$272,318.20	\$0.00	\$275,036.20
WS	<u>7360:</u> <u>P0091</u>	Carbon Fiber Repairs on Lejeune	\$320,000.00	\$0.00	\$317,879.00
WS	<u>7360:</u> <u>P0092</u>	Emergency 24inch valve replacement at snake creek canal	\$23,025.00	\$0.00	\$23,025.00
WS	<u>7360:</u> <u>P0093</u>	Emergency Fiber Wrap Repair on NW 32 ave and 67 St.	\$925,000.00	\$0.00	\$910,940.00
WS	<u>7360:</u> <u>P0095</u>	Emergency Manhole project on bird road	\$120,000.00	\$0.00	\$233,589.56
WS	<u>7360:</u> <u>P0096</u>	Emergency dig and replace 3 pipe on bird road	\$195,000.00	\$0.00	\$471,175.06
WS	<u>7360:</u> <u>P0100</u>	4 Manholes on Miller road	\$125,000.00	\$0.00	\$111,440.00
WS	<u>7360:</u> <u>P0101</u>	Carbon Fiber repair on miller road and SW 127 ave	\$300,000.00	\$0.00	\$295,500.00
WS	<u>7360:</u> <u>P0102</u>	54 inch emergency repair on red road and west 20 street	\$800,000.00	\$0.00	\$791,500.00
WS	<u>7360:</u> <u>P0103</u>	Emergency Construction of 11 Access MH on Existing 48 Water main.	\$250,000.00	\$0.00	\$313,884.75
WS	<u>7360:</u> <u>P0104</u>	CARBON FIBER EMERGENCY	\$400,000.00	\$0.00	\$399,093.50
WS	<u>7360:</u> <u>P0105</u>	EMERGENCY CONSTRUCTION OF 4 ACCESS MH	\$155,000.00	\$0.00	\$153,750.00

		STRUCTURES			
WS	<u>7360:</u> <u>P0106</u>	EMERGENCY REPAIR TO 20 ACCESS MANHOLES AND 4	\$457,000.00	\$0.00	\$572,159.54
WS	<u>7360:</u> <u>P0107</u>	Emergency Construction of 2 Access MH on Existin 48-inch Water main	\$67,000.00	\$0.00	\$92,146.42
WS	<u>7360:</u> <u>P0108</u>	Carbon Fiber Repair close to Hialeah Plant	\$385,000.00	\$0.00	\$378,598.90
WS	<u>7360:</u> <u>P0110</u>	Emergency Manhole project on.	\$57,000.00	\$0.00	\$54,106.96
WS	<u>7360:</u> <u>P0112</u>	Emergency dig and replace on 87 ave	\$90,000.00	\$0.00	\$86,281.29
WS	<u>7360:</u> <u>P0114</u>	Emergency Construction of 4 Access Manhole STructures on Existing 96 inch	\$115,000.00	\$0.00	\$142,063.00
WS	<u>7360:</u> <u>P0115</u>	Relocation of Blowoff 54	\$38,135.00	\$0.00	\$38,135.00
WS	<u>7360:</u> <u>P0118</u>	EMERGENCY CONSTRUCTION OF 7 ACCESS MANHOLE STRUCTURES	\$580,000.00	\$0.00	\$674,778.25
WS	<u>7360:</u> <u>P0124</u>	EMERGENCY REPAIR TO 54' PCCP	\$700,000.00	\$0.00	\$770,392.50
WS	<u>7360:</u> <u>P0126</u>	Emergency Repairs to 4 pipes on 54inch PCCP along 4 ave	\$500,000.00	\$0.00	\$524,220.00
WS	<u>7360:</u> <u>P0127</u>	Emergency Repair on 8 segments of 48inch pccp along sw 56st	\$990,000.00	\$0.00	\$995,136.00
WS	<u>7360:</u> <u>P0128</u>	Repair to 96 inch raw water main on sunset	\$165,000.00	\$0.00	\$165,061.50
WS	<u>7360:</u> <u>P0131</u>	Emergency Repair to 16 Pipe Segments of 54inch PCCP Transmission Mains	\$2,000,000.00	\$0.00	\$1,788,412.22
WS	<u>7360:</u> <u>P0134</u>	Emergency Construction of 3 Access MH Structures.	\$90,000.00	\$0.00	\$96,889.34
WS	<u>7360:</u> <u>P0135</u>	Emergency 48 inch WM Repair on 87 Ave	\$155,000.00	\$0.00	\$153,994.50
WS	<u>7360:</u> <u>P0136</u>	EMERGENCY CONSTRUCTION OF 8 ACCESS MH STRUCTURES ON	\$350,000.00	\$0.00	\$378,487.10

WS	Project ID	Description	Allocated	Spent	Balance
		EXISTING 36" and 48" PRESTRESSED CONCRETE WATER MAINS			
WS	<u>7360: P0146</u>	EMERGENCY CONSTRUCTION OF 13 ACCESS MH STRUCTURES ON PRESTRESSED CONC	\$370,000.00	\$0.00	\$426,687.50
WS	<u>7360: P0147</u>	EMERGENCY REPAIRS TO TWENTY-FOUR PIPE SEGMENTS ON 96-INCH RAW PCCP TRANSMISSION WATER MAIN	\$3,000,000.00	\$0.00	\$3,355,928.00
WS	<u>7360: P0149</u>	Emergency 96Inch Access Manhole and PCCP pipe	\$190,000.00	\$0.00	\$225,830.00
WS	<u>7360: P0151</u>	TWENTY-FOUR PIPE SEGMENTS ON 96- INCH RAW PCCP TRANSMISSION WATER MAIN	\$1,156,000.00	\$0.00	\$1,376,600.00
WS	<u>7040: T1590</u>	Furnish and Install 10 Access MH Structures	\$194,968.00	\$0.00	\$221,856.62
WS	<u>7040: T1602</u>	Small Diameter Watermain Replacement Program Phase 2	\$214,600.00	\$0.00	\$288,299.70
WS	<u>7040: T1606</u>	SMALL DIAMETER WATERMAIN REPLACEMENT PROGRAM PHASE I	\$226,900.00	\$0.00	Cancelled
WS	<u>7040: T1606-R</u>	SMALL DIAMETER WATERMAIN REPLACEMENT PROGRAM PHASE I	\$226,900.00	\$0.00	\$0.00
WS	<u>7040: T1606-R-R</u>	SMALL DIAMETER WATERMAIN REPLACEMENT PROGRAM PHASE I	\$226,900.00	\$0.00	\$303,138.32
WS	<u>7040: T1656</u>	FURNISH & INSTALL 6 ACCESS MH STRUCTURES ON EXISTING 48	\$109,790.00	\$0.00	\$121,102.03
WS	<u>7040: T1660</u>	Furnish & Install 5 Access Manhole Structures on Existing 96 & 48 Inch Prestressed Concrete	\$221,885.60	\$0.00	\$219,729.59

Water Mai
WS 7040: FURNISH AND INSTALL \$439,064.20 \$0.00 Cancelled
T1729 20 ACCESS
MANHOLES AND 4

Total Allocated: \$22,213,463.26 \$6,341,601.67

Current Contracts for Sites of Project 967190

(Theses contracts are not necessarily funded from this project)

<u>Dept</u>	<u>Site NO</u>	<u>ContractNo</u>	<u>Award Allocation</u>
WS	#76621	P0064	\$451,845.24
WS	#76621	P0071	\$80,000.00
WS	#76621	P0070	\$125,000.00
WS	#76621	P0072	\$272,011.34
WS	#76621	T1606	\$226,900.00
WS	#76621	T1602	\$214,600.00
WS	#76621	P0076	\$481,212.75
WS	#76621	T1590	\$194,968.00
WS	#76621	T1606-R	\$226,900.00
WS	#76621	T1606-R-R	\$226,900.00
WS	#76621	P0073	\$330,000.00
WS	#76621	T1660	\$221,885.60
WS	#76621	T1656	\$109,790.00
WS	#76621	P0087	\$200,000.00
WS	#76621	P0090	\$270,178.20
WS	#76621	P0088	\$95,000.00
WS	#76621	P0084	\$139,541.80
WS	#76621	P0092	\$23,025.00
WS	#76621	E12-WASD-03	\$2,200,000.00
WS	#76621	P0093	\$925,000.00
WS	#76621	P0091	\$320,000.00
WS	#76621	P0095	\$120,000.00
WS	#76621	P0096	\$195,000.00
WS	#76621	P0103	\$250,000.00
WS	#76621	T1729	\$439,064.20
WS	#76621	P0101	\$300,000.00
WS	#76621	P0106	\$457,000.00
WS	#76621	P0107	\$67,000.00
WS	#76621	P0100	\$125,000.00
WS	#76621	P0110	\$57,000.00

WS	#76621	P0102	\$800,000.00
WS	#76621	P0112	\$90,000.00
WS	#76621	P0115	\$38,135.00
WS	#76621	P0105	\$155,000.00
WS	#76621	P0104	\$400,000.00
WS	#76621	P0118	\$580,000.00
WS	#76621	P0108	\$385,000.00
WS	#76621	P0124	\$700,000.00
WS	#76621	P0114	\$0.00
WS	#76621	P0127	\$990,000.00
WS	#76621	P0126	\$0.00
WS	#76621	P0128	\$165,000.00
WS	#76621	P0131	\$0.00
WS	#76621	P0134	\$90,000.00
WS	#76621	P0135	\$155,000.00
WS	#76621	P0147	\$0.00
WS	#76621	P0146	\$0.00
WS	#76621	P0136	\$350,000.00
WS	#76621	P0149	\$0.00
<u>WS</u>	<u>#76621</u>	<u>P0151</u>	<u>\$1,156,000.00</u>

Total Allocated: \$15,398,957.13

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

Department: Water and Sewer

11/20/2014 1:59:03 PM

BUDGET PROJECT 9650181 - (As per 2013-2014 Approved Budget)

Project Title: 9650181-WATER SYSTEM MAINTENANCE AND UPGRADES
 Project Desc: Maintain and develop existing water system facilities, structures, and equipment

CDP Revenue:	CDP Project Revenue								Total:
	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	
WASD 2013 Revenue Bon	0	0	0	0	0	0	0	0	0
WASD Future Funding	0	0	0	0	0	0	0	0	0
WASD Revenue Bonds So	0	0	6,593,000	0	0	0	0	0	6,593,000
Water Renewal and Rep	0	0	19,782,000	9,003,000	14,548,000	24,346,000	25,000,000	237,500,000	330,179,000

SITE Location/Desc:	CIIS Site Funding Info								Total:
	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	
68600 - Various Locations - Budget	0	0	0	99,446,000	14,548,000	20,547,000	21,163,000	253,697,000	409,401,000

Desc: Maintain and develop existing water system facilities, structures, and equipment.

	05-08-07- Res: 06-07-08:												Total:						
	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 RV:	1	0	0	13,771,000	19,264,000	26,608,000	11,765,000	11,765,000	11,765,000	11,765,000	11,765,000	11,765,000	11,765,000	0	0	0	0	0	139,063,000.00
CIIS Proposed MS:	1	0	0	13,771,000	19,264,000	26,608,000	11,765,000	11,765,000	11,765,000	11,765,000	11,765,000	11,765,000	11,765,000	0	0	0	0	0	139,063,000.00

CIIS Proposed Book Report

PROJECT REPORT 4

EXIT

Current Contracts for Project 9650181

Dept	ContractNo	Contract Name	RTA / MCC Award / MCC Estimated Allocation	MCC Award Allocation	CIIS Award
WS	<u>DB09-WASD-02</u>	Design-Build services for replacement of an existing 20-inch water main from Port Island to Fisher Island under Fisherman's Channel	\$11,823,155.00	\$0.00	\$0.00
WS	<u>E07-WASD-09</u>	Design criteria for the replacement of the 54-inch Sanitary Sewage Force Main from Miami Beach to the CDWWTP and design criteria for the replacement of a 20-inch Water Main from Port Island to Fisher Island	\$400,000.00	\$0.00	\$7,150,000.00
WS	<u>E07-WASD-09</u>	Design criteria for the replacement of the 54-inch Sanitary Sewage Force Main from Miami Beach to the CDWWTP and design criteria for the replacement of a 20-inch Water Main from Port Island to Fisher Island	\$0.00	\$400,000.00	\$7,150,000.00
WS	<u>E10-WASD-01</u>	Construction Management	\$1,100,000.00	\$0.00	\$5,500,000.00

		Services for Government Cut Utility Relocation Projects			
WS	<u>E10-WASD-01</u>	Construction Management Services for Government Cut Utility Relocation Projects	\$0.00	\$1,100,000.00	\$5,500,000.00
WS	<u>E13-WASD-10</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$1,833,333.35	\$0.00	\$1,000,000.00
WS	<u>E13-WASD-10</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$0.00	\$1,833,333.35	\$1,000,000.00
WS	<u>E13-WASD-10</u> <u>(A)</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$0.00	\$916,666.67	\$5,500,000.00
WS	<u>E13-WASD-10</u> <u>(B)</u>	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$0.00	\$916,666.67	\$5,500,000.00
WS	7360: <u>P0052</u>	Emergency Asbestos Clean Up at Alex Orr Water Plant.	\$13,000.00	\$0.00	\$2,115.00
WS	7360: <u>P0065</u>	FURNISH AND INSTALL 12- INCH D.I WATER MAIN IN N.E. 2 AVE.	\$770,318.00	\$0.00	\$1,299,249.65
WS	7360: <u>P0067</u>	Perrine - Cutler Ridge Water and Sewer Improvements Water Main, Gravity Sewer and ForceMain	\$31,183.21	\$0.00	\$2,423,949.55
WS	7040: <u>T1206</u>	CAROL CITY STORAGE TANK ROOF	\$17,500.00	\$0.00	\$42,649.35
WS	7040: <u>T1215</u>	Install of 12 inch WM along NW / SW 62 Ave. from 8 St. to Tamiami Canal Road	\$922,071.42	\$0.00	\$846,000.26
WS	7040: <u>T1215</u>	Install of 12 inch WM along NW / SW 62 Ave. from 8 St. to Tamiami Canal Road	\$0.00	\$0.00	\$846,000.26
WS	7040: <u>T1299</u>	RIP-RAP HEADWALL	\$7,000.00	\$0.00	Cancelled
WS	7040: <u>T1337</u>	NWWF Compressor Install and Permit Finalization	\$5,000.00	\$0.00	\$7,569.10
WS	7040: <u>T1337</u>	NWWF Compressor Install and Permit Finalization	\$1,619.10	\$0.00	\$7,569.10
WS	7040: <u>T1340</u>	BATHROOM RENOVATIONS	\$40,000.00	\$0.00	\$50,904.00
WS	7040: <u>T1341</u>	Emergency Concrete Cutting at Alex Orr Plant	\$4,500.00	\$0.00	\$4,300.00
WS	7040: <u>T1347</u>	Gate Replacement at Pump Station No. 443	\$1,200.00	\$0.00	\$1,350.00
WS	7040: <u>T1349</u>	Gate Replacement at Pump Station No. 859	\$1,100.00	\$0.00	\$1,250.00
WS	7040: <u>T1352</u>	PAINTING OF THE EAST	\$85,000.00	\$0.00	\$57,840.00

		PUMP ROOM			
WS	7040: <u>T1360</u>	FENCE REPAIR AT MIAMI SPRINGS SLUDGE LAGOON	\$5,000.00	\$0.00	\$1,630.00
WS	7040: <u>T1361</u>	HIALEAH OPERATOR'S ROOM RE-ROOF	\$16,800.00	\$0.00	\$16,700.00
WS	7040: <u>T1362</u>	HIALEAH WEST PUMP ROOM REMODEL	\$47,000.00	\$0.00	Cancelled
WS	7040: <u>T1368</u>	7 Mile Canal Fence Repairs	\$12,000.00	\$0.00	\$9,688.00
WS	7040: <u>T1393</u>	FURNISH AND INSTALL 12-INCH DI WATER MAIN IN NE 2 AVE. FROM NE 42 ST. TO NE 54 STREET.	\$678,325.06	\$0.00	\$810,529.27
WS	7040: <u>T1396</u>	Window Replacement at Hialeah & Preston Water Plants	\$70,000.00	\$0.00	\$73,066.00
WS	7040: <u>T1398</u>	Emer. Fence Repair at Pump Station No. 1310	\$2,800.00	\$0.00	\$3,000.00
WS	7040: <u>T1411</u>	SOUTH DADE ROOF'S	\$80,000.00	\$0.00	\$66,000.00
WS	7040: <u>T1420</u>	Emergency Fence Repair at P.S. No. 147	\$3,000.00	\$0.00	\$2,940.00
WS	7040: <u>T1421</u>	New Fence at P.S. No. 184	\$4,800.00	\$0.00	\$3,500.00
WS	7040: <u>T1426</u>	New Fence at Medley Yard	\$20,000.00	\$0.00	\$6,995.00
WS	7040: <u>T1429</u>	Hialeah & Medley Paving	\$8,000.00	\$0.00	\$12,777.50
WS	7040: <u>T1432</u>	30th Ave Paving.	\$48,000.00	\$0.00	\$47,900.00
WS	7040: <u>T1437</u>	RE-ROOF CHEMICAL BUILDING CHLORINE ROOF	\$10,000.00	\$0.00	Cancelled
WS	7040: <u>T1437R</u>	RE-ROOF CHEMICAL BUILDING @ ALEX ORR	\$10,000.00	\$0.00	\$6,500.00
WS	7040: <u>T1438</u>	RE-ROOF SW WELLFIELD WELLS	\$30,000.00	\$0.00	\$32,120.00
WS	7040: <u>T1439</u>	RE-ROOF OF WELL HOUSES AT THE SNAPPER CREEK WELLFIELD	\$20,000.00	\$0.00	\$23,266.32
WS	7040: <u>T1442</u>	FURNISH AND INSTALL 12-INCH D.I. WATER MAIN IN N.E. 2 AVE.	\$770,318.00	\$0.00	Cancelled
WS	7040: <u>T1443</u>	HIALEAH WEST PUMP ROOM RENOVATION	\$35,000.00	\$0.00	Cancelled
WS	7040: <u>T1443R</u>	HIALEAH WEST PUMP ROOM PAINT PROJECT	\$9,000.00	\$0.00	\$4,128.00
WS	7040: <u>T1462</u>	EMD Generators Ventilation Improvements @ Alex Orr	\$328,900.00	\$0.00	\$247,470.00
WS	7040: <u>T1504</u>	ROOF TILES AT SWWF	\$10,001.00	\$0.00	\$4,889.00
WS	7040: <u>T1514</u>	Chemical Buildings Up-Floor Dust Reduction at Alexander Orr and John Preston Water Plants	\$122,000.00	\$0.00	\$105,338.60
WS	7040: <u>T1526</u>	Hialeah Plant Yard Paving.	\$25,000.00	\$0.00	\$18,826.00
WS	7040: <u>T1572</u>	RE-ROOF OF MAINTENANCE BUILDING	\$30,000.00	\$0.00	\$29,550.00

WS	7040: <u>T1573</u>	RE-ROOF OF MAINTENANCE BUILDING AT ALEX ORR	\$35,000.00	\$0.00	Cancelled
WS	7040: <u>T1573-R</u>	RE-ROOF OF ADMINISTRATION BUILDING AT ALEX ORR	\$35,000.00	\$0.00	\$32,000.00
WS	7040: <u>T1595</u>	High Temp Insulation @ Alex Orr Kln	\$110,000.00	\$0.00	\$79,200.00
WS	7040: <u>t1607</u>	Pre-Engineered Buildings Enclosures West and Southwest Well Field	\$400,000.00	\$0.00	Cancelled
WS	7040: <u>T1625</u>	Installation of 12-Inch Water Main in NW South River Drive.	\$377,028.13	\$0.00	\$246,412.24
WS	7040: <u>T1627</u>	Chemical Bldg # 2 Third Floor HVAC Improvements	\$23,000.00	\$0.00	\$25,077.00
WS	7040: <u>T1652</u>	Installation of 8-Inch and 12-Inch D.I Water Mains in NW South River Drive	\$218,358.42	\$0.00	\$248,165.19
WS	7040: <u>T1687</u>	EMERGENCY ROOF REPAIRS AT HIALEAH MAINTENANCE SHOP	\$120,000.00	\$0.00	\$120,237.66
WS	7040: <u>T1687</u>	EMERGENCY ROOF REPAIRS AT HIALEAH MAINTENANCE SHOP	\$1,600.00	\$0.00	\$120,237.66
WS	7040: <u>T1891</u>	EMERGENCY GATE AND MEGA ARM REPAIR/REPLACEMENT	\$25,000.00	\$0.00	\$24,900.00
WS	<u>W-926</u>	One-Year Countywide Contract for Restoration of Sidewalk, Curb, Gutter and Driveways with County Option to Renew fo an Additional 2 Years on a Yearly Basis	\$250,000.00	\$0.00	\$250,000.00
WS	<u>W-926</u>	<u>One-Year Countywide Contract for Restoration of Sidewalk, Curb, Gutter and Driveways with County Option to Renew fo an Additional 2 Years on a Yearly Basis</u>	<u>\$0.00</u>	<u>\$750,000.00</u>	<u>\$250,000.00</u>

Total Allocated: \$19,742,592.69 \$5,916,666.69

Current Contracts for Sites of Project 9650181

(These contracts are not necessarily funded from this project)

<u>Dept</u>	<u>Site NO</u>	<u>ContractNo</u>	<u>Award Allocation</u>
WS	#68600	W-849	\$2,766,246.78
WS	#68600	E10-WASD-01	\$1,100,000.00
WS	#68600	DB09-WASD-02	\$11,823,155.00
WS	#68600	T1442	\$923,267.07
WS	#68600	T1215	\$922,071.42
WS	#68600	P0065	\$770,318.00
WS	#68600	T1526	\$25,000.00

WS	#68600	T1514	\$122,000.00
WS	#68600	T1595	\$121,000.00
WS	#68600	T1627	\$23,000.00
WS	#68600	T1625	\$377,028.13
WS	#68600	T1573-R	\$35,000.00
WS	#68600	T1687	\$120,000.00
WS	#68600	W-926	\$250,000.00
<u>WS</u>	<u>#68600</u>	<u>T1891</u>	<u>\$25,000.00</u>

Total Allocated: \$19,403,086.40

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



MEMORANDUM
(Revised)

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

DATE: February 3, 2015

FROM: R. A. Cuevas, Jr.
County Attorney

SUBJECT: Agenda Item No. 8(0)(3)

Please note any items checked.

- "3-Day Rule" for committees applicable if raised
- 6 weeks required between first reading and public hearing
- 4 weeks notification to municipal officials required prior to public hearing
- Decreases revenues or increases expenditures without balancing budget
- Budget required
- Statement of fiscal impact required
- Ordinance creating a new board requires detailed County Mayor's report for public hearing
- No committee review
- Applicable legislation requires more than a majority vote (i.e., 2/3's ____, 3/5's ____, unanimous ____) to approve
- Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(0)(3)
2-3-15

RESOLUTION NO. _____

RESOLUTION APPROVING AWARD OF A NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT TO A & P CONSULTING TRANSPORTATION ENGINEERS CORP. IN AN AMOUNT NOT TO EXCEED \$5,500,000.00 OVER A NINE YEAR PERIOD, WITH AN INITIAL FIVE YEAR CONTRACT TERM, AND TWO, TWO YEAR OPTIONS TO RENEW REQUIRING BOARD APPROVAL, FOR A PROJECT ENTITLED "DESIGN OF UPGRADES FOR WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS", PROJECT NO. E13-WASD-10, AGREEMENT NO. 14APCT004; AUTHORIZING THE COUNTY MAYOR OR MAYOR'S DESIGNEE TO EXECUTE SAME AND TO EXERCISE THE PROVISIONS CONTAINED THEREIN

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board hereby approves award of a Non-Exclusive Professional Services Agreement to A & P Consulting Transportation Engineers Corp. in an amount not to exceed \$5,500,000.00 over a nine (9) year period, with an initial five (5) year contract term, and two (2) two (2) year options-to-renew requiring Board approval prior to exercising the options-to-renew or payment of any other compensation above the initial award amount, for a project entitled "Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems", Project No. E13-WASD-10, Agreement No. 14APCT004, in substantially the form attached hereto and made

a part hereof; and authorizes the County Mayor or Mayor's designee to execute same and to exercise the provisions contained therein for and on behalf of Miami-Dade County, Florida.

The foregoing resolution was offered by Commissioner who moved its adoption. The motion was seconded by Commissioner and upon being put to a vote, the vote was as follows:

- | | |
|-------------------------------------|----------------------|
| Jean Monestime, Chairman | |
| Esteban L. Bovo, Jr., Vice Chairman | |
| Bruno A. Barreiro | Daniella Levine Cava |
| Jose "Pepe" Diaz | Audrey M. Edmonson |
| Sally A. Heyman | Barbara J. Jordan |
| Dennis C. Moss | Rebeca Sosa |
| Sen. Javier D. Souto | Xavier L. Suarez |
| Juan C. Zapata | |

The Chairperson thereupon declared the resolution duly passed and adopted this 3rd day of February, 2015. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this Resolution and the filing of this approval with the Clerk of the Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: _____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

SED

Sarah E. Davis

**NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT
DESIGN OF UPGRADES FOR WATER DISTRIBUTION AND
SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS
AGREEMENT NO. 14APCT004
PROJECT NO. E13-WASD-10**

NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT

Between the COUNTY: Miami-Dade County Florida, a political subdivision of the State of Florida, acting by and through its **Board of County Commissioners**, hereinafter called the "COUNTY", which shall include its officials, successors, legal representatives, and assigns.

And the ENGINEER:

Name: A & P Consulting Transportation
Engineers Corp.
FEIN: 65-0770583
Address: 10305 N.W. 41 Street, Suite 115
Doral, Florida 33178
Phone Number: 305-592-7283
Fax Number: 305-593-1594
E-mail Address: agacosta@apcte.com

**The ENGINEER shall include its officials, successors,
legal representatives and assigns.**

The COUNTY and the ENGINEER agree as set forth herein:

NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT
 BETWEEN
 MIAMI-DADE COUNTY
 AND
 A & P CONSULTING TRANSPORTATION ENGINEERS CORP.

TABLE OF CONTENTS

<u>SECTION</u>	<u>SUBJECT</u>	<u>PAGE</u>
1.	DEFINITIONS.....	4
2.	COUNTY OBLIGATIONS & TASK AUTHORIZATION TO PROCEED.....	8
3.	PROFESSIONAL SERVICES	9
4.	EMPLOYEES ARE THE RESPONSIBILITY OF ENGINEER.....	9
5.	ENGINEER'S RESPONSIBILITIES.....	10
6.	ORGANIZATIONAL CONFLICT OF INTEREST.....	12
7.	TASK AUTHORIZATION TO PROCEED; TIME FOR COMPLETION	14
8.	DELAY IN PERFORMANCE	14
9.	FORCE MAJEURE.....	15
10.	CHANGE OF PRINCIPAL, AND/OR PROJECT MANAGER.....	15
11.	COMPENSATION FOR SERVICES	15
12.	METHODS OF PAYMENT	20
13.	SCHEDULE OF WORK.....	21
14.	RIGHT OF DECISIONS.....	21
15.	OWNERSHIP OF DOCUMENTS	21
16.	PRESS RELEASE OR OTHER PUBLIC COMMUNICATION	22
17.	NOTICES	22
18.	AUDIT RIGHTS.....	22
19.	SUBCONSULTANTS	23
20.	PROMPT PAYMENT TO SMALL BUSINESS SUBCONSULTANTS	24
21.	SOLICITATION	24
22.	WARRANTY.....	24
23.	TERMINATION OF AGREEMENT	24
24.	DURATION OF AGREEMENT.....	24
25.	DEFAULT	25
26.	CONSEQUENCE FOR NONPERFORMANCE	25
27.	INDEMNIFICATION AND HOLD HARMLESS	25
28.	INSURANCE	26
29.	COMPLIANCE WITH LOCAL, STATE AND FEDERAL LAWS	27
30.	PUBLIC ENTITY CRIMES.....	28
31.	SUSTAINABLE BUILDING PROGRAM	29
32.	PROPRIETARY INFORMATION.....	29
33.	AFFIRMATIVE ACTION PLAN.....	29
34.	EQUAL OPPORTUNITY	29
35.	OFFICE OF THE COUNTY INSPECTOR GENERAL	30

36.	INDEPENDENT PRIVATE SECTOR INSPECTOR GENERAL.....	32
37.	PUBLIC RECORDS AND CONTRACTS.....	33
38.	PERFORMANCE EVALUATIONS	33
39.	ETHICS COMMISSION.....	33
40.	ASSIGNMENT OF AGREEMENT	33
41.	ENTIRETY OF AGREEMENT	33
42.	HEADINGS.....	34
43.	BINDING EFFECT	34
44.	NO THIRD PARTY RIGHTS.....	34
45.	NON-EXCLUSIVITY.....	34
46.	MODIFICATION	34
47.	GOVERNING LAW.....	34
48.	SECURITY RESTRICTIONS.....	34
49.	SANCTIONS FOR CONTRACTUAL VIOLATIONS.....	35
50.	SEVERABILITY.....	35
51.	DRAFTING RESPONSIBILITY.....	35
52.	SCRUTINIZED COMPANIES WITH ACTIVITIES IN SUDAN LIST.....	35
53.	ERRORS AND OMISSIONS	36
	SIGNATURES.....	38
	ATTACHMENTS	39

THIS NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT

THIS NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT is made and entered into this _____ day of _____, 2014 ("Effective Date"), by and between Miami-Dade County, a political subdivision of the State of Florida, hereinafter referred to as the "COUNTY", and A & P CONSULTING ENGINEERS CORP., a Florida corporation authorized to do business in the State of Florida with offices in Miami-Dade County, hereinafter referred to as the "ENGINEER".

For and in consideration of the mutual agreements hereinafter contained, the COUNTY hereby retains the ENGINEER to provide professional engineering services for design of upgrades for water distribution and sanitary sewage collection and transmission systems, hereinafter referred to as the "Project".

1. DEFINITIONS

ADDITIONAL SERVICES: Those services, in addition to the Scope of Services in this AGREEMENT, which the ENGINEER shall perform at COUNTY'S option and when authorized by a task authorization(s) to proceed in accordance with the terms of this AGREEMENT.

AFFILIATES: Business concerns are affiliates of each other when either directly or indirectly one concern or individual controls or has the power to control another, or when a third party controls or has the power to control both.

AGREEMENT: This written AGREEMENT or CONTRACT between the COUNTY and the ENGINEER, including the Appendices and Exhibits attached hereto, all documents incorporated by reference, and all amendments and task authorization(s) to proceed issued by the COUNTY hereunder.

AMENDMENT: A written modification to this AGREEMENT executed by the ENGINEER and the COUNTY covering changes, additions, or reductions in the terms of this AGREEMENT.

APPLICABLE LAW: Any applicable law (including, without limitation, any Environmental Law), enactment, statute, code, ordinance, administrative order, charter, tariff, resolution, order, rule, regulation, guideline, judgment, decree, writ, injunction, franchise, permit, certificate, license, authorization, or other direction or requirement of any Governmental Authority, political subdivision, or any division or department thereof, now existing or hereinafter enacted, adopted, promulgated, entered, or issued. Notwithstanding the foregoing, "Applicable Laws" and "applicable laws" shall expressly include, without limitation, all applicable zoning, land use, and Florida Building Code requirements and regulations, and all applicable impact fee requirements. County Rules, Regulations, Ordinances, Resolutions, Administrative Orders, and Charter

referenced in this Contract which may be applicable are posted on the website www.miamidade.gov.

APPLICATION FOR PAYMENT: The ENGINEER invoice and associated documentation required for submittal to WASD to request payments due under the Contract in a format acceptable to WASD.

ARCHITECT/ENGINEER ("A/E"): The named entity on page one (1) of this AGREEMENT and synonymous with the ENGINEER and Consultant.

AWARD: The issuance of a Contract by Miami-Dade County.

BOARD OF COUNTY COMMISSIONERS ("BCC"): The duly elected officials authorized to act on behalf of the COUNTY.

COMMUNITY BUSINESS ENTERPRISE ("CBE-A/E"): A firm providing architectural, landscape architectural, engineering, or surveying and mapping professional services, including a Design-Build firm, which has an actual place of business in Miami-Dade County and whose three (3) year average annual gross revenues do not exceed two million dollars (\$2,000,000.00) for the first tier CBE-A/E(s), four million five hundred thousand dollars (\$4,500,000.00) for second tier CBE-A/E(s) in the case of architectural services, or six million dollars (\$6,000,000.00) for second tier CBE-A/E(s) in the case of landscape architectural services, engineering, or surveying and mapping services.

CONSTRUCTION MANAGEMENT SERVICES AGREEMENT: Contract administration, construction management and field inspections that will include but are not limited to: engineering and construction administration activities during the design, permitting and construction phases of the AGREEMENT; daily on-site inspections; maintaining daily progress log(s); coordinating weekly status meetings; reviewing and approving schedules, schedule of values, and other documents as necessary; processing and authorizing progress payments, including allowance accounts and change orders; reviewing and accepting as-builts drawings; utilizing WASD's project control system to track all documents and activities, interface with construction managers, and WASD staff as needed; and responding to requests for information.

CONTINGENCY ALLOWANCE ACCOUNT(S): An account that establishes a specific amount of time and/or money to be used to perform unknown or unanticipated Work, as directed by the Director or the Director's designee, which is necessary to satisfactorily complete the Project. Any time or money within the Contingency Allowance Account not directly authorized for use by the Director or the Director's designee or the Director's designee remains with the COUNTY.

CONTRACT PRICE: The amount specified in Section 11(D) "Maximum Compensation", pursuant to the terms and conditions of this Contract.

COUNTY ("Miami-Dade County"): A political subdivision of the State of Florida. In all respects hereunder, the COUNTY'S performance is pursuant to the COUNTY'S position as the Owner of this Project. In the event the COUNTY exercises its regulatory authority as a governmental body, the exercise of such regulatory authority and enforcement of any rules, regulations, laws and ordinances shall be deemed to have occurred pursuant to the COUNTY'S authority as a governmental body and shall not be attributable in any manner to the COUNTY as a party to this AGREEMENT.

COUNTY'S REPRESENTATIVE: The Director or the Director's designee and individual(s) or firms(s) designated to act on his behalf in the administration of the AGREEMENT within the limits of their respective authorization.

DAYS: Unless otherwise designated, days mean calendar days.

DEPARTMENT: The Miami-Dade Water and Sewer Department ("WASD"), a department of Miami-Dade County represented by and acting through the Director or the Director's designee(s).

DIRECT SALARIES: Monies paid at regular intervals to personnel other than principals of the ENGINEER directly engaged by the ENGINEER on the Project, as reported to the Director of United States Internal Revenue Service and billed to the COUNTY hereunder on a Multiple of Direct Salaries basis when authorized pursuant to a Task Authorization to Proceed. Personnel directly engaged on the Project by the ENGINEER may include architects, engineers, designers, inspectors, agents, project and document control personnel, administrative personnel, Information Technology personnel, and specifications writers engaged or assisting in research, design, production of drawings, specifications and related documents, Work-related services and other services pertinent to the Project.

DIRECTOR ("COUNTY'S REPRESENTATIVE"): The Director of the Miami-Dade Water and Sewer Department (WASD) who administers the Contract on behalf of the COUNTY.

DIRECTOR'S DESIGNEE: The individual or firm designated to represent the Director during the execution of the design and construction of the Project and is authorized to administer the Project on a day-to-day basis.

EFFECTIVE DATE: The date that the Contract is duly executed by all parties and is legally binding and enforceable.

ENGINEER: The firm responsible for the overall coordination of its staff and services to be provided under the AGREEMENT with the COUNTY.

FORCE MAJEURE: Shall mean an inevitable accident or occurrence, as defined herein or an act of God which includes but is not limited to: sudden, unexpected

or extraordinary forces of nature such as hurricanes, floods, washouts, storms, fires, earthquakes, landslides, epidemics, explosions or other forces of nature. Inevitable accidents or occurrences shall mean those which are unpreventable by the ENGINEER and shall include, but not be limited to: strikes, lockouts, other industrial disturbance or similar occurrence, which have or may reasonably be expected to have a material adverse effect on the rights and obligations under this AGREEMENT, and which, by the exercise of due diligence, such parties shall not have been able to avoid. Such acts or events do not include inclement weather (except as noted above), or the acts or omissions of subconsultants, materials men, suppliers, or their subcontractors, unless such acts or omissions are otherwise encompassed by the definition set forth above. Provision of the notice in Section 8 of this AGREEMENT shall be a condition precedent to maintenance of a claim for delay due to force majeure.

INSURANCE SPECIFICATIONS: Insurance requirements of the Contract to be provided by the ENGINEER and included in the Section 28 in the Contract.

LUMP SUM: A basis for compensation of the ENGINEER for Services performed.

NOTICE OF TERMINATION: Written notice from Director to the ENGINEER to stop Work under the Contract on the date and to the extent specified in the Notice of Termination.

PROFESSIONAL SERVICES: The Scope of Services to be provided by the ENGINEER includes, but is not limited to, services as delineated in Section 3, of this AGREEMENT.

PROFESSIONAL SERVICES AGREEMENT ("PSA"): Synonymous with the terms "Contract" and "AGREEMENT."

PROJECT: Defined in Section 3 of this AGREEMENT.

PROJECT MANAGER: An individual designated by the ENGINEER to represent the ENGINEER during the completion of the Project.

PROJECT SCHEDULE: The schedule covering the entire scope and duration of the Project prepared in the critical path method (CPM) and cost-loaded based on an agreed Schedule of Values that is developed and submitted by the ENGINEER to the Director or the Director's designee for approval. The schedule indicates the Project's durations and sequence of key activities of engineering, design, permitting and indicates milestone event dates as required by the Contract.

PROPOSAL DOCUMENTS: Documents applicable to and specific to the ENGINEER'S Proposal for this Contract, consisting of qualifications data and information; technical narrative descriptions; design and construction data; plans

and calculations; commercial data including pricing, insurance and bonding; and forms provided in the Contract, and other related documents specified in the Contract, and errata and addenda thereto.

REIMBURSABLE EXPENSES: Those expenses delineated in Section 11(C), "Reimbursable Expenses", of this AGREEMENT, which are separately approved by the COUNTY and are incurred by the ENGINEER in the fulfillment of this AGREEMENT and which are to be compensated to the ENGINEER in addition to the Compensation for Services.

SCOPE OF SERVICES ("PROFESSIONAL SERVICES"): The Scope of Services to be provided by the ENGINEER includes, but is not limited to, services as delineated in Section 3, "Professional Services".

SERVICES: As defined in Section 3 herein.

STATE: The State of Florida.

SUBCONSULTANT: A person or organization which is properly registered as a professional Architect, Interior Designer, ENGINEER, Landscape Architect, or other qualified professional in other fields not requiring professional registration, who has signed an agreement with the ENGINEER to furnish professional services for the Project Scope of Services. A subconsultant does not furnish trade labor for construction.

TASK AUTHORIZATION TO PROCEED ("TASK OR WORK ORDER"): A written order, authorized by the Director or the Director's designee, directing the ENGINEER to perform Work under this AGREEMENT.

TASK SCHEDULE: A schedule to be submitted by the ENGINEER to the Department, together with each proposal for a Task Authorization to Proceed which contains the commencement and completion date of all relevant activities under the Task. The Task Schedule shall be prepared in accordance with CPM Methodology and shall be subject to the approval of the Department.

WORK ("SERVICES"): All services, tasks, and activities related to the Project.

- 2. COUNTY OBLIGATIONS AND TASK AUTHORIZATION TO PROCEED:** The COUNTY agrees that WASD shall furnish to the ENGINEER any plans or other data reasonably available in the COUNTY'S files pertaining to the Work to be performed under this AGREEMENT. Information shown on such plans or data shall be that which has been made available to the COUNTY and shall be provided to the ENGINEER without guarantee regarding its reliability and accuracy. The ENGINEER shall be responsible for independently verifying such information if it shall be used by the ENGINEER to accomplish the Work undertaken pursuant to this AGREEMENT.

The ENGINEER shall submit a proposal upon the Director's or the Director's designee request prior to the issuance of a task authorization to proceed in a form similar to that shown in Attachment "A". At a minimum a proposal must include a cost proposal, including proposed methodology for payment, an estimate of probable construction cost and a Task Schedule. No payment shall be made for the ENGINEER'S time or service in connection with the preparation of any such proposal. The Director or the Director's designee shall confer with the ENGINEER before any task authorization to proceed is issued in order to discuss and agree upon the scope, time for completion, and fee for services to be rendered pursuant to the task authorizations to proceed, subject to the conditions of this AGREEMENT.

The Director or the Director's designee shall issue written task authorization(s) to proceed to the ENGINEER for each section of the Work to be performed hereunder. In case of emergency, the COUNTY, through the Director or the Director's designee, reserves the right to issue oral authorizations to the ENGINEER with the understanding that written authorization shall follow within ten (10) working days. If no written authorization is issued within that time, the ENGINEER shall cease Work and submit an invoice for Work completed.

The ENGINEER acknowledges that Authorizations to Proceed under this Section shall only be issued by duly authorized employees of the Department.

3. PROFESSIONAL SERVICES: Upon receipt of task authorization to proceed from the Director or the Director's designee, the ENGINEER agrees to perform professional services associated with the requested Work in accordance with the negotiated terms of the applicable written task authorization to proceed. The scope of services consists of complete design services, which will include but is not limited to, performing preliminary route analysis, site investigations, surveying, geotechnical services, maintenance of traffic plans, hydraulic analysis, coordination with other utilities, coordination with other municipalities and the public, preparation of design reports, preparation of drawings, specifications and contract documents, preparation of design-build criteria packages, permitting and post design assistance during the procurement and construction phases. Engineering support during construction is anticipated to include, but is not limited to, periodic site inspections and attendance at meetings. Support will also require the review of: shop drawings, requests for information, potential claims and change orders, contract schedules, schedule of values and as-built drawings, among others, as needed. Project coordination services are anticipated to include, but are not limited to, establishing a plan to implement projects, establish and track project schedules, budgets and deadlines, prepare status reports and attend meetings as requested by WASD.
4. EMPLOYEES ARE THE RESPONSIBILITY OF THE ENGINEER: The ENGINEER is, and shall be, in the performance of all Work services and activities under this AGREEMENT, an independent contractor, and not an employee, agent or servant of the COUNTY. All persons engaged in any of the

Work or services performed pursuant to this AGREEMENT shall at all times, and in all places, be subject to the ENGINEER'S sole direction, supervision and control. The ENGINEER shall exercise control over the means and manner in which it and its employees perform the Work, and in all respects the ENGINEER'S relationship of its employees to the COUNTY shall be that of an independent contractor and not as employees and agents of the COUNTY. The ENGINEER does not have the power or authority to bind the COUNTY in any promise, agreement or representation other than specifically provided for in this AGREEMENT or a work order. The ENGINEER shall supply competent employees. The COUNTY may require the ENGINEER to remove an employee if, in the COUNTY'S sole judgment, it deems the employee careless, incompetent, insubordinate or otherwise objectionable and whose continued employment on COUNTY property is not in the best interest of the COUNTY. Each employee shall have and wear proper identification. The COUNTY has the right to authorize the assignment of specific employees through a written task authorization to proceed. The ENGINEER shall not replace any employee in the team initially proposed by the ENGINEER without prior approval from the Director or the Director's designee. The ENGINEER shall submit a list of employees intended to be engaged in the Work under this AGREEMENT, including their classification and labor rates, as reported to the Internal Revenue Service, with such labor rates made a part hereof as Attachment "B" to this AGREEMENT. All employees engaged in this Project will be required to submit the conflict of interest "Affidavit" attached hereto as Attachment "C".

5. ENGINEER'S RESPONSIBILITIES: In connection with the Professional Services to be rendered pursuant to this AGREEMENT, the ENGINEER agrees to:
- A. Use the same degree of care and skill ordinarily exercised by other similar professionals in the field under similar conditions.
 - B. Maintain an adequate staff of qualified personnel at all times to meet completion requirements of the Professional Services within the term specified in the applicable task authorization to proceed.
 - C. Comply with the federal, state and local laws or ordinances applicable to the Work.
 - D. Cooperate fully with the COUNTY in the scheduling and coordination of all phases of the Work.
 - E. Provide a written report on the status of the Work to the Director or the Director's designee upon request and hold pertinent data and other products open to the inspection of the Director or the Director's designee at any reasonable time and during normal business hours.
 - F. Submit for COUNTY review design computations, sketches, and other data representative of the Work's progress at the percentage stages of completion which may be stipulated in the applicable task authorization to proceed. Submit for COUNTY approval the final Work products upon incorporation of any modifications requested by the COUNTY during any previous review.
 - G. Confer with the COUNTY at any time during the effective term of the AGREEMENT and implementation of improvements for which the ENGINEER has provided design or other services as to interpretation of plans and other

documents, correction of errors and omissions and preparation of any necessary plan thereof. The ENGINEER shall not be compensated for the correction of errors and omissions on the part of the ENGINEER but shall be compensated for any Additional Services requested by the Director or the Director's designee.

- H. Prior to final approval of the Work by the Director or the Director's designee, complete a preliminary check of any construction documents which require a permit or other approval from a county, city, state, or federal agency from which a permit or other approval is required.
- I. Use computer and networking hardware, software and firmware standards as approved by the Information Technology (IT) Division of WASD. IT staff must be involved in the design phase of an application and in developing the testing, training and acceptance criteria of the application before it is placed into production. All applications and/or systems to be transferred to the COUNTY must have adequate end user and systems support documentation and as part of the design process for a Project, any system needs should be identified and will require the approval of IT. All electronic data performed or produced in the performance of this AGREEMENT shall be transferred in an approved media and format by IT.
- J. All systems developed by the ENGINEER pursuant to this AGREEMENT shall become the property of the COUNTY.
- K. Application design, operation and security shall follow the COUNTY and WASD IT standards. Costs incurred to comply with these standards if the system is developed outside these parameters will be the burden of the ENGINEER.
- L. The COUNTY reserves the right to require background checks on ENGINEER'S staff working on sensitive WASD infrastructure information, especially Geographic Information System layers. WASD may require non-disclosure agreements to be signed regarding infrastructure information and shall hold the ENGINEER responsible for the security of this data.
- M. All ENGINEER'S staff wishing to gain access to work via the COUNTY'S network will require a network identification (ID) and password issued within the guidelines set forth for security. This ID will be terminated after use on the Project, or if not signed-on to the network after ten (10) days.
- N. The ENGINEER will adhere to the Public Involvement Plan in accordance with Miami-Dade County's Resolution R-273-05, as amended.
- O. The ENGINEER shall consider future impacts of sea level rise and climate change that may be addressed through design considerations.
- P. In the event that the County receives bids for any work designed by the ENGINEER where the lowest responsive and responsible bid exceeds by more than ten percent (10%) the probable construction cost, subject to the market assumptions therein, agreed upon by the County and the ENGINEER in the applicable Task Authorization, the ENGINEER agrees to redesign that portion of the Work at no additional cost to the County, if possible within the ENGINEER'S professional design standards.

6. ORGANIZATIONAL CONFLICT OF INTEREST RELATED TO SECTION 2-11.1 OF THE CODE OF MIAMI-DADE COUNTY:

A. WASD ORGANIZATIONAL CONFLICT OF INTEREST

- 1) Policy: The COUNTY, through WASD, adopts the provisions of this Section to govern potential conflicts of interest in its procurement of Consultants to implement the Project. It is the policy of the COUNTY, implemented through this Section, to identify, analyze and address organizational conflicts of interest that might otherwise exist in order to maintain the public's trust in the integrity and fairness of the COUNTY'S contracting for the Project and to protect the business interests of the COUNTY thereby safeguarding public dollars. This policy shall be supplemental to and not in derogation of the requirements of law relating to conflicts of interest including, but not limited to, the County's Code of Ethics.
- 2) Definitions: Organizational conflict of interest situation in which a Consultant: (a) under the Contract, or any part thereof, including a particular work order or defined task, is required to exercise judgment to assist the COUNTY in a matter (such as in drafting specifications or assessing another consultant's or contractor's proposal or performance and the ENGINEER has a direct or indirect financial or other interest at stake in the matter, so that a reasonable person might have concern that when performing Work under the AGREEMENT, the ENGINEER may be improperly influenced by its own interests rather than the best interest of the COUNTY, or (b) would have an unfair competitive advantage in a COUNTY competitive solicitation as a result of having performed work on a COUNTY contract that put the ENGINEER in a position to influence the result of the solicitation.
- 3) Certification of no organizational conflict of interest. The ENGINEER'S: (a) execution of the contract or any agreement to perform any work under a work order or (b) making any claim for payment under the Contract, constitutes the ENGINEER'S certification to the COUNTY that the ENGINEER does not have knowledge of any organizational conflicts of interest to exist in performing the work under the AGREEMENT. False certifications may be considered a material breach of the AGREEMENT and the ENGINEER may be liable to the COUNTY for a false claim under the COUNTY'S false claim ordinance. At any time in anticipation of awarding the AGREEMENT, or during the performance of the AGREEMENT, the COUNTY may require the ENGINEER to execute an express written certification that after diligent inquiry the ENGINEER does not have knowledge of any organizational conflict of interest. The COUNTY may also require the ENGINEER to set forth in writing the scope of the inquiry conducted to make the express certification. Failure to make diligent inquiry, to disclose a known conflict or potential conflict, or to

execute the documents required to be produced may be considered, if pre-award, a reason for disqualification of the proposal, and following award, a material breach of the AGREEMENT.

- 4) Identification of organizational conflict of interest. The ENGINEER shall be obligated to disclose to the COUNTY any organizational conflict of interest, or the potential for the same to occur, immediately upon its discovery. The disclosure shall be in writing, addressed to the Contract Manager identified in the AGREEMENT specifications. The disclosure shall identify the organizational conflict of interest with sufficient detail for the COUNTY's analysis and shall propose a method to address the same. Such disclosure shall also be reported to the Office of the Inspector General (OIG) or to the Commission on Ethics and Public Trust (COE). The ENGINEER'S failure to identify an organizational conflict of interest, or to disclose the same to the COUNTY in the manner set forth in this Section, may be considered a material breach of the AGREEMENT. Each solicitation shall also require respondents to address the methodology proposed to identify and address any potential organizational conflict of interest, particularly in those instances where the proposer offers to use the same Subconsultants which may be Primes or Subconsultants in other Project Contracts where such use is not specifically prohibited by the advance restrictions set forth in this policy. The potential for organizational conflicts of interest, and the methodology offered to prevent organizational conflicts of interest, may be evaluated by the COUNTY as a criterion for selection as set forth in the applicable competitive solicitation documents.
- 5) Addressing organizational conflicts of interest. The COUNTY will analyze and address organizational conflicts of interest on a case-by-case basis, because such conflicts arise in various, and often unique, factual settings. The Director, with the assistance of such other persons as he may deem appropriate, shall make the final decision as to how to address an organizational conflict of interest. The COUNTY shall consider the specific facts and circumstances of the contracting situation and the nature and potential extent of the risks associated with an organizational conflict of interest when determining what method or methods of addressing the conflict will be appropriate. When an organizational conflict of interest is such that it risks impairing the integrity of the Project, then the COUNTY must take action to substantially reduce or eliminate those risks. If the only risk created by an organizational conflict of interest is a performance risk relating to the COUNTY'S business interests, then the COUNTY shall have broader discretion in accepting some or all of the performance risk, but only when the potential harm to the COUNTY'S interest is outweighed by the expected benefit from having the conflicted Consultant perform the Contract.
- 6) Measures to address organizational conflicts of interest: The measure, or combination of measures, which may be appropriate to address an

organizational conflict of interest, if any, shall be decided by the Director and include, but are not limited to: (a) avoidance of risk through reduction of subjectivity in the analysis or by defining work tasks and deliverables with specificity, (b) requiring the ENGINEER and/or its Subconsultants to implement structural barriers (firewalls) and internal corporate controls, (c) limiting Subconsultants or personnel to be involved in a work assignment, (d) employing specific hourly limits on defined tasks, (e) limiting or prohibiting certain pass through fees and markups, (f) executing a mitigation plan which will define specific Consultant and Subconsultant duties to mitigate organizational conflicts of interest, (g) requiring subconsultants who are conflict free to perform identified areas of work, (h) requiring the ENGINEER or its Subconsultants to adopt, disseminate and instruct staff on conflict of interest identification and remediation procedures and (i) relying on more than one source or on objective or verifiable data or information.

- 7) Documentation and evaluation: The Director will set forth in the AGREEMENT file a written explanation of the methodology used to address an identified organizational conflict of interest. The COUNTY shall periodically evaluate the effectiveness of the methodology in the protection of the Project. Upon the rendering of a decision regarding the resolution of a reported conflict of interest, a copy of such finding shall be forwarded to the OIG or COE.
- 8) Organizational conflicts of interest which are not remedied: If in the sole discretion of the COUNTY there is no measure or combination of measures which protect the COUNTY against the organizational conflict of interest, and then the ENGINEER may not perform the subject work. The COUNTY may in its discretion, if pre-award, decide not to award the AGREEMENT to the affected ENGINEER, and following award, terminate the AGREEMENT, or portion of the AGREEMENT, which the ENGINEER has materially breached because of such inability to perform.

7. TASK AUTHORIZATION TO PROCEED: TIME FOR COMPLETION: The services to be rendered by the ENGINEER for each section of the Work shall commence upon receipt of a written task authorization to proceed from the Director or the Director's designee subsequent to the execution of this AGREEMENT and shall be completed within the time stated in the task authorization to proceed.

8. DELAY IN PERFORMANCE: No claim for damages or any claim other than for an extension of time shall be made or asserted against the COUNTY by reason of any delays. The ENGINEER shall not be entitled to an increase in the sum, payment or compensation of any kind from the COUNTY beyond that set forth in this AGREEMENT nor shall the ENGINEER be entitled to direct, indirect, consequential, impact or other costs, expenses or damages, including but not limited to: costs of acceleration or inefficiency arising because of delay,

disruption, interference or hindrance from any cause whatsoever; provided, however, that this provision shall not preclude recovery or damages by the ENGINEER for hindrances or delays due solely to fraud, bad faith or active interference on the part of the COUNTY or its agents. Otherwise, the ENGINEER shall be entitled only to extensions of the time as the sole and exclusive remedy for such resulting delay, in accordance with and to the extent specifically provided below.

The time to perform this AGREEMENT shall be extended only if the ENGINEER is delayed in performing any obligation under this AGREEMENT due to a force majeure. The ENGINEER shall request in writing a time extension from the Director within ten (10) days of said force majeure. Failure to make such written request within the specified time shall be a bar on the ability of the ENGINEER to bring any claim or civil action for either compensable or non-compensable time extension.

9. FORCE MAJEURE: No party shall be liable for its failure to carry out its obligations under the AGREEMENT during a period when such party is rendered unable, in whole or in part, by force majeure to carry out such obligations, but the obligation of the party or parties relying on such force majeure shall be suspended only during the continuance of any inability so caused and for no longer period of said unexpected or uncontrollable event, and such cause shall, so far as possible, be remedied with all reasonable dispatch.

It is further agreed and stipulated that the right of any party hereto to excuse its failure to perform by reason of force majeure shall be conditioned upon such party giving, to the other party or parties, written notice of its assertion that a force majeure delay has commenced within ten (10) days after such commencement, unless there exists good cause for failure to give such notice, in which event, failure to give such notice shall not prejudice any party's right to justify any non-performance as caused by force majeure unless the failure to give timely notice causes material prejudice to the other party or parties.

10. CHANGE OF PRINCIPAL AND/OR PROJECT MANAGER: Antonio G. Acosta, P.E. and Arnello Alfonso, P.E. shall be the Principal and Project Manager, respectively. If the COUNTY or the ENGINEER requests a change of the Principal and Project Manager, the party initiating said change shall make the request in writing and said request shall be received by the other party at least thirty (30) days prior to any such change. The Director reserves the right to approve the replacement Principal and Project Manager.

11. COMPENSATION FOR SERVICES: The COUNTY agrees to pay and the ENGINEER agrees to accept a fee representing full compensation for the performance of the services specified herein. The ENGINEER shall submit monthly invoices for all Work in progress using a format and procedure provided by WASD and in accordance with the Prompt Payment Ordinance No. 94-40. Invoices shall be submitted within one hundred twenty (120) days of the

performance of the service being billed. The COUNTY shall not pay invoices that are not properly submitted within that period. Additionally, the COUNTY may withhold payment of any invoices from the ENGINEER if the COUNTY determines that the ENGINEER submitted and received payment of an inaccurate invoice, without limitation to any other legal or equitable remedies. Fees and other compensation will be computed in accordance with one or a combination of the methods outlined in subsections A, B and C below as specified in a written task authorization to proceed approved by the Director or the Director's designee:

A. Fee for Professional Services as a Multiple of Direct Salary Cost and Fixed Hourly Rate:

1. The fee for professional services rendered by the ENGINEER'S employees, principals excluded, shall be computed based on the direct salary cost, as reported to the Internal Revenue Service, excluding bonuses or awards if applicable, for the time of said employee engaged directly in the Work times a negotiated multiplier of 2.85 for Office Employees, 2.4 for the ENGINEER'S employees working in COUNTY offices and 2.1 for all Field Employees. Office Employees shall mean personnel that are located in the home offices of the ENGINEER and/or Subconsultant(s), when such home offices provide office space. Field Employees shall mean personnel that are performing duties in the field and not at the central offices at the COUNTY located at 111 N.W. 1 Street, Miami, Florida 33128, 3071 S.W. 38 Avenue, Miami, Florida 33146 and 357 South Lejeune Road, Miami, Florida 33146. This fee shall constitute full compensation to the ENGINEER for costs incurred in the performance of the Work, such as salaries of all employees including clerical staff, overhead, fringe benefits, operating margin and all other costs not covered by reimbursable expenses. Clerical staff is defined to include secretarial, word processing and staff performing administrative functions. In no case shall the maximum rate of compensation, including multipliers of direct salary, exceed two hundred twenty-eight dollars (\$228.00) per hour for the ENGINEER and Subconsultant(s). Furthermore, the maximum raw hourly rates (before the multiplier) are capped and shall not exceed the following:

Expert Engineer/Technical Experts	\$80.00
Project Manager and Registered Technical Experts	\$75.00
Non-Registered Technical Staff	\$60.00
Administrative Support Staff	\$45.00
Clerical, Document Control Staff	\$25.00

The COUNTY has the right to verify the rates and multipliers used in this AGREEMENT through an audit. No escalation will be permitted.

2. For employees that are on an hourly basis and are required to be paid overtime, compensation for overtime Work considered necessary and

previously authorized in advance by the Director or the Director's designee in writing shall be computed with a multiplier of 1.1 times the overtime rate and number of hours (1.1 x overtime rate x number of hours of overtime). Principals and all salaried employees shall not receive additional compensation for performance of overtime Work. Overtime is defined as Work in excess of forty (40) hours per week. The multiplier rate in Section 11.A.1 does not apply.

- 3) Labor rates (Direct Salaries) shall be in accordance with the list of employees and rates supplied by the ENGINEER and its Subconsultant(s), and made a part hereof as Attachment "B" and shall be consistent with prevailing local wage rates paid for similar Work to similar employee classifications and subject to approval by the Director or the Director's designee prior to starting Work.
- 4) The ENGINEER and its Subconsultant(s) shall not invoice the COUNTY for charges for office, rent or overhead expenses of any kind including, but not limited to: insurance, local telephone (including cellular service) and utility charges, office/drafting supplies, depreciation of equipment, professional dues, subscriptions, customary computer software/hardware, reproduction of drawings and/or specifications, mailing, stenographic, or clerical work. Nor shall the ENGINEER invoice for employee time not directly related to the Work or travel and subsistence not directly related to the Work. The multiplier factor set forth in Section 11.A.1. above shall cover all such costs pertinent to the Work.
- 5) All payments to Subconsultant(s) employed hereunder shall be the sole responsibility of the ENGINEER unless otherwise provided for herein or within a written task authorization to proceed. The ENGINEER shall not submit invoices, which include charges for services by Subconsultant(s), unless such services have been performed satisfactorily and the charges are, in the opinion of the ENGINEER, payable to such Subconsultant(s).
- 6) The ENGINEER shall promptly make all payments to such Subconsultant(s) following receipt by the ENGINEER of corresponding payment from the COUNTY. Prior to any payments to Subconsultant(s), the ENGINEER shall, if requested by the Director or the Director's designee, furnish to the COUNTY a copy of the agreement(s) providing for such payments. Compensation rate to Subconsultants(s) authorized by the Director as services shall not exceed the ENGINEER'S rates referenced above unless otherwise approved in advance by the Director or the Director's designee.
- 7) The ENGINEER and its Subconsultant(s) shall be compensated at the flat rate of one hundred twenty-five dollars (\$125.00) per hour for the time a Principal(s) is/are engaged directly in the Work. This rate shall not be subject to the negotiated multiplier. The Director reserves the right to

substitute Principals in its sole discretion upon a written request by the ENGINEER.

- 8) **Not To Exceed:** Under this compensation, the ENGINEER is compensated for the actual time of personnel engaged directly in performing services under this AGREEMENT. A not to exceed cap for the total fee for each assignment given under this compensation basis may be established prior to the issuance of the task authorization to proceed. The compensation method shall be in accordance with the compensation schedule as shown in Section 11.A.1 of this AGREEMENT.
- B. Lump Sum Fee: The fee for any requested portion of Work may be, at the option of WASD, a lump sum mutually agreed upon by the Director or the Director's designee and the ENGINEER. The lump sum fee will be estimated based on the direct salaries times the negotiated multiplier times the hours per employee. Designated lump sum fees shall be stated in the written task authorization to proceed. Lump sum fees shall NOT include any reimbursable expenses, which must be separately accounted and paid on the basis of original receipts and actual costs.
- C. Reimbursable Expenses: The ENGINEER may be compensated on a direct reimbursement basis for certain Work-related expenditures not covered by fees for engineering services, provided such expenditures are reasonable and previously authorized by the Director or the Director's designee in writing. Reimbursable expenses typically are not considered the cost of doing day-to-day business and may include:
- 1) Expenses for laboratory tasks and analyses, permitting fees, printing and reproduction costs, rental or purchase of specialized equipment, software licenses and instruments necessary for the efficient performance of the Work, provided that such equipment and instruments become the property of the COUNTY upon Work completion.
 - 2) Expenses for travel (except commuting)-the ENGINEER shall claim no more in expenses for travel, transportation, and subsistence than would be allowed an "authorized person" pursuant to the terms of Section 112.061, Florida Statutes, and the County's Administrative Orders 6-1 and 6-3, as presently written or hereafter amended. No such expenses shall be approved without the prior written consent of the Director or the Director's designee. For the purposes of this Section, the principal place of business shall be considered the ENGINEER'S local corporate headquarters. Failure to obtain such prior authorization shall be grounds for nonpayment of such expenses. To be compensated, the ENGINEER shall maintain accurate records in a format and procedure provided by WASD, and the ENGINEER shall submit said records with their invoices.
 - 3) Reimbursable expenses of the ENGINEER and approved Subconsultants shall be identified on a direct cost basis. Mark-ups as a percentage of salary costs are not permissible and will not be reimbursed or paid.

- 4) The ENGINEER shall be required to submit original receipts of all reimbursable expenses for task authorizations to proceed issued on a time and material basis and lump sum.
 - 5) Items not listed shall be reviewed on a case-by-case basis and shall require approval in advance by the Director or the Director's designee.
- D. Maximum Compensation: The total of all payments to the ENGINEER pursuant to this AGREEMENT shall not exceed five million dollars (\$5,000,000.00), excluding the contingency allowance set forth below. No minimum amount of compensation is guaranteed to the ENGINEER. Maximum Compensation may not be increased for the entire duration of the AGREEMENT except through written amendment hereto by the Board of County Commissioners.
- E. Contingency Allowance Account: In the event that a contingency necessitates the performance of services or additional services by the ENGINEER after the five million dollars (\$5,000,000.00) maximum compensation limit of the AGREEMENT has been encumbered, the Director or the Director's designee shall have the right to authorize performance of additional services, provided that compensation for such services does not exceed ten percent (10%) of the AGREEMENT maximum compensation limit which maximum contingency allowance amount shall be five hundred thousand dollars (\$500,000.00). Before any additional services are begun, a task authorization to proceed from the Director shall be given to the ENGINEER. The task authorization to proceed must clearly identify, explain and justify the reason for the additional services. The ENGINEER shall have no entitlement to any of these funds. The COUNTY retains all rights to these funds, may expend these funds at its sole discretion, and any funds not expended from this Allowance Account remain the property of the COUNTY.
- F. Compensation for Other Services (IF APPLICABLE):
Surveying and Testing Services: In the event surveying and testing services are required during the Project and such work is authorized by the Director or his designee, the ENGINEER shall be compensated for performance of said work and the rates shall not exceed the negotiated rates under the latest Miami-Dade County Public Works and Waste Management Department contract and schedule of payment, attached as Attachment "D".
- G. Truth-In-Negotiation Certification of Wage Rates: Pursuant to Administrative Order 3-39 and Section 287.055(5)(a), Florida Statutes, for all lump-sum or cost-plus-a-fixed-fee professional services agreement over the threshold amount provided in Section 287.017, Florida Statutes, for Category Four, the COUNTY shall require the firm receiving the award to execute a truth-in-negotiation certificate as attached hereto as Attachment "E". The ENGINEER hereby certifies and agrees that wage rates and other factual unit costs, as submitted in support of the compensation provided in this Section, are accurate, complete and current as of the date of this AGREEMENT. It is

further agreed that said compensation shall be adjusted to exclude any significant costs where the COUNTY shall determine that the price of services was increased due to inaccurate, incomplete or unclear wage rates or other factual unit costs. All such compensation adjustments shall be made within one (1) year from the date of final billing or acceptance of the Work by the COUNTY, whichever is later. The COUNTY reserves the right to request a certified copy of the ENGINEER'S payroll prior to issuing a task authorization to proceed.

H. County Discretion To Negotiate: Notwithstanding and prevailing over any other provision of this AGREEMENT, the COUNTY reserves the right in its sole discretion, through the Director or the Director's designee, to negotiate fees and rates with the ENGINEER, mutually acceptable to the COUNTY and the ENGINEER, that are less than those set forth herein for particular projects, including but not limited to, a lower multiplier and hourly rates.

12. METHODS OF PAYMENT: The COUNTY agrees to make monthly or partial payments to the ENGINEER, in accordance with Prompt Payment Ordinance No. 94-40, as currently in effect or as amended in the future, for all authorized Work performed during the previous calendar month or other mutually agreed invoicing period. The ENGINEER is responsible to submit original invoices that do not contain charges that are more than one hundred twenty (120) days old. In the case where disallowed charges are found, the COUNTY may return the entire invoice for correction and resubmittal. The ENGINEER agrees to provide all records necessary to substantiate payment requests to the COUNTY. Payments shall be made in accordance with the following methods:

A. Fee for Professional Services as a Multiple of Direct Salary Cost and Fixed Hourly Rate and/or Reimbursable Expenses:

- 1) The ENGINEER shall submit the invoice in a format provided by WASD. Each invoice shall reference the particular task authorization to proceed that authorized the services and shall include a status report describing the Work completed.
- 2) With each invoice, the ENGINEER shall submit a "Monthly Utilization Report" (MUR) form in accordance with the Internal Services Department, Division of Small Business Development, requirements. Invoices shall not be considered valid without said form. The MUR shall indicate the amount of contract monies received and paid to the ENGINEER, including payments to Subconsultant(s). The MUR format is attached as Attachment "F". Invoices shall not be considered valid without said form.
- 3) The amount of the invoice submitted shall be comprised of the amounts due for all services performed and reimbursable expenses incurred during the previous calendar month or other mutually agreed invoicing period to date in connection with the authorized Work. The amounts due for professional services and reimbursable expenses shall be calculated in accordance with Section 11 of this AGREEMENT.

- 4) Invoiced reimbursable expenses must be substantiated by original receipts and other documentation as necessary.

B. Lump Sum Fee:

- 1) The ENGINEER shall submit the invoice in a format provided by WASD. Each invoice shall reference the particular task authorization to proceed that authorized the services and shall include a status report describing Work completed.
- 2) With each invoice, the ENGINEER shall submit a MUR form in accordance with the Internal Services Department, Division of Small Business Development requirements. Invoices shall not be considered valid without said form.
- 3) The amount due on the invoice shall be calculated by applying the percentage of the total Work completed to date to the authorized lump sum and subtracting any previous payments.
- 4) Invoiced reimbursable expenses must be substantiated by original receipts and other documentation as necessary.

13. SCHEDULE OF WORK: WASD shall have the sole right to determine on which units or sections of the Work the ENGINEER shall proceed and in what order. The written task authorization to proceed issued by the Director or the Director's designee shall cover in detail the scope, time for completion, and compensation for the engineering services requested in connection with each unit or section of Work.

14. RIGHT OF DECISIONS: All services shall be performed by the ENGINEER to the satisfaction of the Director or the Director's designee who shall decide all questions, difficulties, and disputes of whatever nature which may arise under or by reason of this AGREEMENT, the prosecution and fulfillment of the services hereunder, and the character, quality, amount and value thereof. The Director's decisions upon all claims, questions and disputes shall be final, conclusive and binding upon the parties hereto unless determined by a court of competent jurisdiction to be fraudulent, arbitrary, capricious, so grossly erroneous as to necessarily imply bad faith or not supported by substantial evidence.

15. OWNERSHIP OF DOCUMENTS: All notes, correspondence, documents, data, transactions of all forms, financial information, designs, drawings, renderings, calculations, specifications, models, photographs, reports, surveys, investigations, and any other documents and copyrights thereto for services performed or produced in the performance of this AGREEMENT, whether in paper or other hard copy medium or in electronic medium, except with respect to copyrighted standard details and designs owned by the ENGINEER or owned by a third party and licensed to the ENGINEER for use and reproduction, shall become the property of the COUNTY. However, the COUNTY may grant an exclusive license of the copyright to the ENGINEER for reusing and reproducing copyrighted materials or portions thereof as authorized by the COUNTY in advance and in writing. In addition, the ENGINEER shall not disclose, release,

or make available any document to any third party without prior written approval from the COUNTY. The ENGINEER shall warrant to the COUNTY that he/she has been granted a license to use and reproduce any standard details and designs owned by a third party and used or reproduced by the ENGINEER in the performance of this AGREEMENT. Nothing contained herein shall be deemed to exclude any document from Chapter 119, Florida Statutes.

The ENGINEER shall be permitted to reproduce any copyrighted material described above after written approval from the COUNTY.

16. PRESS RELEASE OR OTHER PUBLIC COMMUNICATION:

Under no circumstances shall the ENGINEER without the express written consent of the COUNTY:

- A. Issue or permit to be issued any press release, advertisement or literature of any kind which refers to the COUNTY, or the Work being performed hereunder, unless the ENGINEER first obtains the written approval of the COUNTY. Such approval may be withheld if for any reason the COUNTY believes that the publication of such information would be harmful to the public interest or is in any way undesirable.
- B. Communicate in any way with any contractor, department, board, agency, commission or other organization or any person, whether governmental or private, in connection with the services to be performed hereunder except upon prior written approval and instruction of the COUNTY.
- C. Except as may be required by law, the ENGINEER and its employees, agents, subcontractors and suppliers will not represent, directly or indirectly, that any product or service provided by the ENGINEER or such parties has been approved or endorsed by the COUNTY.

17. NOTICES: Any notices, reports or other written communications from the ENGINEER shall be considered delivered when posted by certified mail or delivered in person to the Director or the Director's designee. Any notices, reports or other communications from the COUNTY to the ENGINEER shall be considered delivered when posted by certified mail to the ENGINEER at the last address left on file with the COUNTY or delivered in person to the ENGINEER or the ENGINEER'S authorized representative.

18. AUDIT RIGHTS: The COUNTY reserves the right to audit the records of the ENGINEER related to this AGREEMENT at any reasonable time and during normal business hours during the performance of the Work included herein and for a period of five (5) years after final payment under this AGREEMENT. The ENGINEER agrees to provide any records necessary to substantiate payment requests to the COUNTY, including audited financial statements. In the event an audit undertaken pursuant to this Section reveals improper, inadvertent, or mistaken payments to the ENGINEER, the ENGINEER shall remit such

payments to the COUNTY. The COUNTY shall retain all legal and equitable rights with respect to recovery of payments.

19. SUBCONSULTANTS:

- A. The ENGINEER shall utilize the following firms as Subconsultants: Stantec Consulting Services, Inc.; 300 Engineering Group, P.A.; Nadic Engineering Services Incorporated; Longitude Surveyors, LLC; BCC Engineering, Inc.; and Media Relations Group, LLC. The ENGINEER shall not subconsult, assign or transfer to others Work performed under this AGREEMENT without thirty (30) days written notice to the Director or the Director's designee. The request must be approved by the Director or the Director's designee and after the Internal Services Department, Division of Small Business Development, approves the additional Subconsultant(s). In addition, the ENGINEER shall not allow the Subconsultant to utilize, assign or transfer Work to others for Work performed under this AGREEMENT without the written consent of the Director or the Director's designee. When applicable and upon receipt of such consent in writing by the Director or the Director's designee, the ENGINEER shall cause the names of the firms responsible for the major portions of each separate specialty of the Work to be inserted in the pertinent documents or data. Nothing contained in this AGREEMENT shall create any contractual relationship between the COUNTY and the Subconsultants.
- B. In addition, and as applicable, the ENGINEER agrees to comply with Miami-Dade County Ordinance No. 01-103 and Implementing Order 3-32 regarding the Community Business Enterprise (CBE) program. The COUNTY has established a participation goal of twenty-five percent (25%) on the total amount of compensation for engineering services authorized under this AGREEMENT. The ENGINEER shall be responsible to submit to the COUNTY a "Monthly Utilization Report" on or before the tenth (10th) working day following the preceding month or with the monthly invoice.
- C. SUBCONSULTANTS – RACE, GENDER AND ETHNIC MAKEUP OF OWNERS AND EMPLOYEES: Pursuant to Sections 2-8.1, 2-8.8 and 10.34 of the County Code (as amended by Ordinance No. 11-90), for all contracts which involve the expenditure of one hundred thousand dollars (\$100,000.00) or more, the entity contracting with the COUNTY must report to the County the race, gender and ethnic origin of the owners and employees of its first tier subconsultants using the Subconsultant/Supplier Listing form, attached hereto as Attachment "G". In the event that the successful bidder demonstrates to the COUNTY prior to award that the race, gender and ethnic information is not reasonably available at that time, the successful bidder shall be obligated by contract to exercise diligent efforts to obtain that information and to provide the same to the COUNTY not later than ten (10) days after it becomes available and, in any event, prior to final payment under the AGREEMENT.

20. PROMPT PAYMENT TO SMALL BUSINESS SUBCONSULTANTS: The ENGINEER agrees to comply with Section 2-8.1.4 of the Code of Miami-Dade County, requiring the ENGINEER to issue prompt payment to all small business contractors and to have dispute resolution procedures in place in the event of disputed payments to small businesses. Failure of the ENGINEER to issue prompt payment to small businesses, or to adhere to its dispute resolution procedures, may be cause for suspension, termination, and debarment. The ENGINEER agrees to provide the COUNTY with a copy of its dispute resolution.
21. SOLICITATION: The ENGINEER warrants, certifies and agrees that no companies or persons, other than bona fide employees working solely for the ENGINEER or the ENGINEER'S Subconsultants, have been retained or employed to solicit or secure this AGREEMENT or have been paid or guaranteed payment of any fees, commissions, percentage fees, gifts or any other considerations contingent upon or resulting from the award or making of this AGREEMENT. The ENGINEER also certifies and agrees that no COUNTY personnel, whether a full-time or part-time employee, has or shall be retained or employed in any capacity, by the ENGINEER or the ENGINEER'S Subconsultants, to accomplish the Work contemplated under the terms of this AGREEMENT. The COUNTY shall not pay the ENGINEER for any Work performed by COUNTY employees. For breach of violation of this warranty, the COUNTY has the right to annul this AGREEMENT without liability to the ENGINEER for any reason whatsoever.
22. WARRANTY: The ENGINEER warrants that the services furnished by the ENGINEER under this AGREEMENT shall conform to the quality expected of and usually provided by the profession in the State of Florida.
23. TERMINATION OF AGREEMENT: It is expressly understood and agreed that the Director may terminate this AGREEMENT, in total or in part, without cause or penalty, by thirty (30) days prior written notification or by declining to issue the written task authorization to proceed, as provided herein, in which event the COUNTY'S sole obligation to the ENGINEER shall be payment, in accordance with Section 11.D, "MAXIMUM COMPENSATION", for those units or sections of Work previously authorized. Such payment shall be determined on the basis of the hours or percentage of Work performed by the ENGINEER up to the time of termination. In the event partial payment has been made for professional services not performed, the ENGINEER shall return such sums to the COUNTY within ten (10) days after receipt of written notice that said sums are due. Upon such termination, the COUNTY may, without penalty or other obligation to the ENGINEER, elect to employ other persons to perform the same or similar services.
24. DURATION OF AGREEMENT: This AGREEMENT shall remain in full force and effect for a period of five (5) years after the date of execution of this AGREEMENT. The AGREEMENT has an option to extend, at the discretion of the County Mayor or the Mayor's designee and subject to approval of the Board

of County Commissioners, for two (2), two (2) years option-to-renew period so long as the maximum compensation set forth in Section 11.D has not been reached by the completion of the initial five (5) year term. Actual completion of the Services authorized prior to the expiration date may extend beyond such term and shall be subject to the same terms and conditions set forth in this AGREEMENT, including but not limited to, indemnification and insurance. This AGREEMENT may be terminated by mutual consent of the parties hereto, or as otherwise provided herein. The performance of specifically and properly authorized services that may extend beyond this AGREEMENT'S effective term shall be compensated in accordance with Section 11 herein.

25. DEFAULT: If the ENGINEER fails to comply with the provisions of this AGREEMENT, and if ENGINEER fails to cure within seven (7) days (or fails to demonstrate that it will cure such failure within a reasonable period or if such failure cannot be cured within seven (7) days) of Director's written notice of such failure, the Director may declare the ENGINEER in default by ten (10) days prior written notification. In such event, the ENGINEER shall only be compensated for any professional services completed as of the date written notice of default is served. In the event partial payment has been made for incomplete professional services, the ENGINEER shall return such sums to the COUNTY within ten (10) days after receipt of written notice that said sums are due. At the Director's discretion, the ENGINEER shall not be compensated for professional services that have been performed but not completed by the time the Director declares a default. In the event the COUNTY prevails in litigation to enforce or defend the provisions of this or any other Section of this AGREEMENT, the COUNTY shall be compensated by the ENGINEER for reasonable attorney's fees and court costs.

26. CONSEQUENCE FOR NONPERFORMANCE: Should the ENGINEER fail to perform its services within the time frames outlined and such failure causes a delay in the progress of the Work, the ENGINEER shall be liable for any damages to the COUNTY resulting from such delay.

27. INDEMNIFICATION AND HOLD HARMLESS: Pursuant to Section 725.08, Florida Statutes, and notwithstanding the provisions of Section 725.06, Florida Statutes, the ENGINEER shall indemnify and hold harmless the COUNTY and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to; reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the ENGINEER and other persons employed or utilized by the ENGINEER in the performance of this AGREEMENT.

To the extent this indemnification clause or any other indemnification clause in this AGREEMENT does not comply with Chapter 725, Florida Statutes, as may be amended, this provision and all aspects of the Contract shall hereby be interpreted as the parties' intention for the indemnification clauses and Contract to comply with Chapter 725, Florida Statutes, as may be amended.

The ENGINEER shall pay all claims and losses in connection therewith and shall pay all costs, judgments and attorney's fees for such claims which are finally determined to have been caused by the ENGINEER'S negligence, recklessness or intentionally wrongful conduct of the ENGINEER or its employees or agents. The ENGINEER expressly understands and agrees that any insurance protection required by this AGREEMENT or otherwise provided by the ENGINEER shall in no way limit the responsibility to indemnify and hold harmless and defend the COUNTY or its officers, employees, agents and instrumentalities as herein provided.

The ENGINEER agrees and recognizes that the COUNTY shall not be held liable or responsible for any claims, which may result from any negligent, reckless, or intentionally wrongful actions, errors or omissions of (in accordance with Florida Statutes Section 725.08) the ENGINEER in which the COUNTY participated either through review or concurrence of the ENGINEER'S actions. In reviewing, approving or rejecting any submissions by the Contractor or other acts of the ENGINEER, the COUNTY in no way assumes or shares any responsibility or liability of the ENGINEER or Subconsultants under this AGREEMENT.

This Section shall survive expiration or termination of this AGREEMENT.

28. INSURANCE: The ENGINEER, including Subconsultants, shall not commence any Work pursuant to this AGREEMENT until all insurance required under this Section has been obtained and such insurance has been approved by the COUNTY'S Risk Management Division of the Internal Services Department. The ENGINEER shall maintain insurance coverage during the term of this AGREEMENT which meets the requirements outlined below:

- A. Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the Work in an amount not less than three hundred thousand dollars (\$300,000.00) combined single limit per occurrence for bodily injury and property damage.
- B. Professional Liability Insurance in the amount of one million dollars (\$1,000,000.00) per claim.
- C. Commercial General Liability Insurance, on a comprehensive basis, in an amount not less than three hundred thousand dollars (\$300,000.00) combined single limit per occurrence for bodily injury and property damage. Miami-Dade County must be shown as additional insured with respect to this coverage.
- D. Workers' Compensation Insurance for all employees of the ENGINEER as required by Chapter 440, Florida Statutes.

All insurance policies must be issued by companies authorized to do business under the laws of the State of Florida, with the following qualifications:

1. The companies must be rated no less than "A-" as to management and no less than "Class VII" as to financial strength by the latest edition of Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey, or its equivalent, subject to the approval of the County's Risk Management Division; or,
2. The company must hold a valid Florida Certificate of Authority as shown in the latest "List of All Insurance Companies Authorized or Approved to do Business in Florida", issued by the State of Florida Department of Insurance, prior to commencement of the Work.

The ENGINEER shall furnish the certificates of insurance to WASD's Chief, Intergovernmental Affairs Section, Suite 538-6, 3071 S.W. 38th Avenue, Miami, Florida 33146. The certificates shall clearly indicate that the ENGINEER has obtained insurance in the type, amount, and classification as required for strict compliance with this Section 28.

Compliance with the foregoing requirements shall not relieve the ENGINEER of the liabilities and obligations under this Section or under any other portion of this AGREEMENT, and the COUNTY shall have the right to inspect the original insurance policies.

29. COMPLIANCE WITH LOCAL, STATE AND FEDERAL LAWS:

- A. The ENGINEER shall, during the term of this AGREEMENT, be governed by Federal, State of Florida and Miami-Dade County Laws, Regulatory Orders, County Codes and Resolutions, and WASD operating procedures, all as may be amended from time to time, that may have a bearing on the services involved in this Project. WASD will assist the ENGINEER in obtaining copies of any such laws, orders, codes, resolutions, or procedures not readily available on the internet, but not limited to, the list below:
- 1) Ordinance No. 72-82 (Conflict of Interest), as amended;
 - 2) Ordinance No. 77-13 (Financial Disclosures), as amended, which are incorporated herein by reference, as if fully set forth herein in connection with the ENGINEER'S obligations hereunder. The ENGINEER shall comply with the financial disclosure requirements of Ordinance No. 77-13 by filing within thirty (30) days of the execution of this AGREEMENT one of the following with the Miami-Dade County Elections Department, P.O. Box 521550, Miami, Florida 33152:
 - (a) A source of income statement;
 - (b) A current certified financial statement; or
 - (c) A copy of the ENGINEER'S Current Federal Income Tax Returns.
 - 3) Office of the Inspector General, pursuant to Section 2-1076 of the County Code;(if applicable)
 - 4) Environmentally Acceptable Packaging Resolution No. R-738-92;

- 5) Small Business Enterprises. The County endeavors to obtain the participation of all small business enterprises pursuant to Sections 2-8.2, 2-8.2.3 and 2-8.2.4 of the County Code and Title 49 of the Code of Federal Regulations;
- 6) Antitrust Laws. By acceptance of any contract, the vendor agrees to comply with all antitrust laws of the United States and the State of Florida;
- 7) Resolution No. 1634-93, Quarterly Reports (Miami-Dade County Work);
- 8) Architectural and Engineering Selection Process, Administrative Order 3-39;
- 9) Engage of Critical Personnel in Contracts for Architectural and Engineering, Resolution No. 744-00;
- 10) Criminal Record, Ordinance No. 94-34;
- 11) Resolution No. 113-94, Quarterly Reports (Private Sector Work); Independent Private Sector Inspector General (IPSIG); Resolution No. 516-96 and Administrative Order No. 3-20; and
- 12) Resolution R-63-14 – Contractor Due Diligence Affidavit, Attachment "H".

B. Furthermore, the ENGINEER shall execute the attached Affirmation of Vendor Affidavits:

- 1) Miami-Dade County Ownership Disclosure Affidavit, Section 2-8.1 of the County Code;
- 2) Miami-Dade County Employment Disclosure Affidavit, County Ordinance No. 90-133, amending Section 2-8-1(d)(2) of the County Code;
- 3) Miami-Dade County Employment Drug-Free Work Certification, Section 2-8.1(b) of the County Code;
- 4) Miami-Dade County Disability Nondiscrimination Affidavit, Article 11, Section 2-8.1.5 of the County Code, and Resolution R182-00 amending R-385-95;
- 5) Miami-Dade County Debarment Disclosure Affidavit, Section 10-38 of the County Code;
- 6) Miami-Dade County Vendor Obligation to County Affidavit, Section 2-8.1 of the County Code, Attachment "I";
- 7) Miami-Dade County Code of Business Ethics (Article 1, Section 2-8.1(i), and Section 2-11(b)(1)-(6) and (9) of the County Code, and County Ordinance No. 00-1, amending Section 2-11.1(c) of the County Code;
- 8) Miami-Dade County Family Leave, Article V of Chapter 11 of the County Code;
- 9) Miami-Dade County Living Wage, Section 2-8.9 of the County Code;
- 10) Miami-Dade County Domestic Leave and Reporting Affidavit, Article VIII, Section 11A-60 - 11A-67 of the County Code;
- 11) Required Listing of Subcontractor and Suppliers Contracts Certification, Section 10-34 of the County Code, Attachment "J";
- 12) False Claims, Ordinance No. 99-152; and
- 13) Fair Subcontracting Policies Certification, Section 2-8.8 of the County Code, Attachment "K".

30. PUBLIC ENTITY CRIMES: To be eligible for award of a contract, firms wishing to do business with the COUNTY must comply with the following: Pursuant to Section 287.133(2)(a), Florida Statutes, a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a Bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit Bids on leases of real property to a public ENTITY, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for Category Two for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.
31. SUSTAINABLE BUILDING PROGRAM: The primary mechanism for determining compliance with the Sustainable Building Program shall be the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) Rating System. All construction projects are required to meet the standards delineated in Ordinance 07-65 and Implementing Order 8-8. Compliance shall be determined by completing a formal certification process with the U.S. Green Building Council, or as otherwise directed by the COUNTY'S Sustainability Manager:
- A. New Construction: All new construction projects shall be required to attain "Silver" or higher level rating under the LEED-NC Rating System.
 - B. Major Renovations & Remodels: All major renovations/remodels shall attain "Certified" or higher level rating under the LEED-NC Rating System.
 - C. Non-major Renovations/Remodels: All non-major renovations/remodels begun shall attain "Certified" or higher level rating under the appropriate LEED Rating System such as LEED-NC, LEED-EB or LEED-CI.
 - D. Renovations, remodels, and other building upgrades not meeting the above criteria are encouraged to incorporate the maximum number of LEED-approved green building practices as are feasible from a practical and fiscal perspective; however, LEED certification will not be required.
32. PROPRIETARY INFORMATION: Notwithstanding any other provisions of this AGREEMENT or any provisions in a particular task authorization to proceed, all of the ENGINEER'S proprietary computer programs or software, developed by the ENGINEER outside of this AGREEMENT, shall remain the exclusive property of the ENGINEER and shall not be disclosed to third parties, unless otherwise required by law. The ENGINEER shall provide the necessary licensing agreements to enable the COUNTY to use proprietary property, including but not limited to, computer programs or software.
33. AFFIRMATIVE ACTION PLAN: In accordance with Ordinance No. 82-37, the ENGINEER must have an Affirmative Action Plan filed and approved by the COUNTY'S Internal Services Department. The Plan is hereby incorporated as a contractual obligation of the ENGINEER to the COUNTY.

34. EQUAL OPPORTUNITY: The ENGINEER shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, age, sexual orientation, marital status, physical handicap, or national origin. The ENGINEER shall take affirmative actions to insure that applicants are employed and that employees are treated during their employment without regard to their race, religion, color, sex, age, sexual orientation, marital status, physical handicap or national origin. Such actions shall include, but shall not be limited to the following: employment; upgrading, transfer or demotion; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation and selection for training, including apprenticeship. The ENGINEER agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this Equal Opportunity Clause.

The ENGINEER shall comply with all applicable provisions of the Civil Rights Acts of 1964; Executive Order 11246 of September 24, 1965 as amended by Executive Order 11375; Executive Order 11625 of October 13, 1971; the Age Discrimination in Employment Act, effective June 12, 1968; the rules and regulations, and relevant orders of the Secretary of Labor; Sections 112.041, 112.042 and 112.0113, Florida Statutes; and Miami-Dade County Ordinance No. 75-46, effective June 28, 1975.

During the performance of this AGREEMENT, the ENGINEER agrees to state in all solicitations or advertisements for employees placed by or on behalf of the ENGINEER that all qualified applicants will receive consideration for employment without regard to race, religion, color, sex, age, sexual orientation, marital status, physical handicap or national origin. If requested to do so, the ENGINEER shall furnish all information and reports required by Executive Order 11246, as amended by Executive Order 11375 and by rules, regulations and orders of the Secretary of Labor, and will permit access to its books, records and accounts by the COUNTY and compliance review agencies for purposes of investigation to ascertain compliance with such rules and regulations and orders. The ENGINEER further agrees that he will comply with the requirements of the Americans with Disabilities Act.

35. OFFICE OF THE COUNTY INSPECTOR GENERAL: According to Section 2-1076 of the Code of Miami-Dade County, the COUNTY has established the Office of the Inspector General (IG) which may, on a random basis, perform audits, inspections, and reviews of all COUNTY contracts. This random audit is separate and distinct from any other audit by the COUNTY. To pay for the functions of the IG, any and all payments to be made to the ENGINEER under this AGREEMENT will be assessed one-quarter of one percent (0.25%) of the total amount of the payment, to be deducted from each progress payment as the same becomes due unless, as stated in the Special Conditions, this AGREEMENT is federally or state funded where federal or state law or regulations preclude such a charge. The ENGINEER shall in stating its agreed

prices be mindful of this assessment, which will not be separately identified, calculated or adjusted in the proposal or bid form. The audit cost shall also be included in all change orders/amendments and all AGREEMENT renewals and extensions.

The Miami-Dade Office of Inspector General is authorized to investigate COUNTY affairs and empowered to review past, present and proposed COUNTY and Public Health Trust programs, accounts, records, agreements and transactions. In addition, IG has the power to subpoena witnesses, administer oaths, require the production of witnesses and monitor existing projects and programs. Monitoring of an existing project or program may include a report concerning whether the project is on time, within budget and in conformance with plans, specifications and applicable law. The IG shall have the power to audit, investigate, monitor, oversee, inspect and review operations, activities, performance and procurement process including but not limited to project design, bid specifications, proposal submittals, activities of the ENGINEER, its officers, agents and employees, lobbyists, COUNTY and Public Health Trust staff and elected officials to ensure compliance with AGREEMENT specifications and to detect fraud and corruption.

Upon ten (10) days written notice, the ENGINEER shall make all requested records and documents available to the IG for inspection and copying. The IG shall have the right to inspect and copy all documents and records in the ENGINEER'S possession, custody or control which, in the IG's sole judgment, pertain to performance of the AGREEMENT, including, but not limited to: original estimate files, change order estimate files, worksheets, proposals and agreements from and with successful subcontractors and suppliers, all project-related correspondence, memoranda, instructions, financial documents, construction documents, proposal and AGREEMENT documents, back-change documents, all documents and records which involve cash, trade or volume discounts, insurance proceeds, rebates, or dividends received, payroll and personnel records and supporting documentation for the aforesaid documents and records.

The ENGINEER shall make available at its office at all reasonable times the records, materials, and other evidence regarding the acquisition (bid preparation) and performance of this AGREEMENT, for examination, audit, or reproduction, until three (3) years after final payment under this AGREEMENT or for any longer period required by statute or by other clauses of this AGREEMENT. In addition:

- A. If this AGREEMENT is completely or partially terminated, the ENGINEER shall make available records relating to the Work terminated until three (3) years after any resulting final termination settlement; and
- B. The ENGINEER shall make available records relating to appeals or to litigation or the settlement of claims arising under or relating to this AGREEMENT until such appeals, litigation, or claims are finally resolved.

The provisions in this Section shall apply to the ENGINEER, its officers, agents, employees, subcontractors and suppliers. The ENGINEER shall incorporate the provisions in this Section in all subcontracts and all other agreements executed by the ENGINEER in connection with the performance of this AGREEMENT.

Nothing in this Section shall impair any independent right of the COUNTY to conduct audits or investigative activities. The provisions of this Section are neither intended nor shall they be construed to impose any liability on the COUNTY by the ENGINEER or third parties.

Exception: The above application of one-quarter of one percent (0.25%) fee assessment shall not apply to the following contracts: (a) IPSIG contracts; (b) contracts for legal services; (c) contracts for financial advisory services; (d) auditing contracts; (e) facility rentals and lease agreements; (f) concessions and other rental agreements; (g) insurance contracts; (h) revenue-generating contracts; (i) contracts where an IPSIG is assigned at the time the contract is approved by the Board of County Commissioners (BCC); (j) professional service agreements under one thousand dollars (\$1,000); (k) management agreements; (l) small purchase orders as defined in Miami-Dade County Administrative Order 3-2; (m) federal, state and local government-funded grants; and (n) interlocal agreements. Notwithstanding the foregoing, the BCC may authorize the inclusion of the fee assessment of one-quarter of one percent (0.25%) in any exempted contract at the time of award.

Nothing contained above shall in any way limit the powers of the IG to perform audits on all BCC contracts including, but not limited to, those contracts specifically exempted above.

36. INDEPENDENT PRIVATE SECTOR INSPECTOR GENERAL: The ENGINEER is hereby directed to the requirements of Administrative Order 3-20 and Resolution No. R-516-96. The COUNTY shall have the right but not the obligation to retain the services of an independent private-sector inspector general (IPSIG) who may be engaged to audit, investigate, monitor, oversee, inspect and review the operations, activities and performance of the ENGINEER and COUNTY in connection with this AGREEMENT. The scope of services performed by an IPSIG may include, but is not limited to: monitoring and investigating compliance with Contract Specifications, project cost, and investigating and preventing corruption and fraud.

The IPSIG may perform its services at all levels of the contracting and procurement process including, but is not limited to, project design, establishment of bid specifications, bid submittals, activities of the ENGINEER, its officers, agents and employees, lobbyists, County staff and elected officials.

Upon ten (10) days written notice to the ENGINEER from an IPSIG, the ENGINEER shall make all requested records and documents available to the

IPSIG for inspection and copying. The IPSIG shall have the right to examine all documents and records in the ENGINEER'S possession, custody or control which in the IPSIG's sole judgment pertain to performance of the AGREEMENT, including but not limited to, original estimate files, bid and change order estimates, worksheets, proposals and agreements from and with successful and unsuccessful subcontractors and suppliers, all project-related correspondence, memoranda, instructions, financial documents, construction documents, bid and contract documents, back-charge document, all documents and records which involve cash, trade or volume discounts, insurance proceeds, rebates, or dividends received, payroll and personnel records, and supporting documentation for the aforesaid documents and records.

37. PUBLIC RECORDS AND CONTRACTS FOR SERVICES PERFORMED ON BEHALF OF A PUBLIC AGENCY. The ENGINEER shall comply with the State of Florida Public Records Law, Section 119.07, Florida Statutes, specifically to: (1) keep and maintain public records that ordinarily and necessarily would be required by the public agency in order to perform the service; (2) provide the public with access to public records on the same terms and conditions that the public agency would provide the records and at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law; (3) ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law; and (4) meet all requirements for retaining public records and transfer, at no cost, to the public agency all public records in possession of the ENGINEER upon termination of the AGREEMENT and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All records stored electronically must be provided to the public agency in a format that is compatible with the information technology systems of the public agency. If the ENGINEER does not comply with a public records request, the public agency shall enforce contract provisions in accordance with the AGREEMENT.
38. PERFORMANCE EVALUATIONS: In accordance with Administrative Order 3-39 entitled "Standard process for construction of capital improvements, acquisition of professional services, construction contracting, change order and reporting", the ENGINEER is advised that performance evaluations of the services rendered under this AGREEMENT shall be performed by WASD and shall be utilized by the COUNTY as evaluation criteria for future solicitations.
39. ETHICS COMMISSION: Pursuant to Section 2-11.1(y) of the Code of Miami-Dade County, the Commission on Ethics and Public Trust has jurisdiction over contractors, engineers, and vendors. The ENGINEER acknowledges that pursuant to Section I of the Lobbyist Rules adopted by the Ethics Commission, the County Mayor or the Board of County Commissioners may void any agreement where a lobbying violation has occurred.

40. ASSIGNMENT OF AGREEMENT: This AGREEMENT shall not be transferred, assigned or otherwise conveyed to any other party without the express written consent of the Director.
41. ENTIRETY OF AGREEMENT: This writing embodies the entire AGREEMENT and understanding between the parties hereto, and there are no other agreements and understandings, oral or written, with reference to the subject matter hereof that are not merged herein and superseded hereby.
42. HEADINGS: The table of contents and any headings preceding the text of the Sections and subsections of this AGREEMENT shall be solely for convenience of reference and shall not affect its meaning, construction or effect.
43. BINDING EFFECT: This AGREEMENT shall inure to the benefit of and shall be binding upon the ENGINEER and the COUNTY and their respective successors, assigns and legal representatives.
44. NO THIRD-PARTY RIGHTS: This AGREEMENT is exclusively for the benefit of the COUNTY and ENGINEER and shall not provide any third parties with any remedy, claim, liability, reimbursement, cause of action or other rights.
45. NON-EXCLUSIVITY: Notwithstanding any provision of this AGREEMENT, this AGREEMENT is nonexclusive, and the COUNTY is not precluded from retaining or utilizing any other engineer to perform like services for WASD. The ENGINEER shall have no claim against the COUNTY as a result of the COUNTY electing to retain or utilize such other ENGINEER to perform any such like services.
46. MODIFICATION: No alteration, change, or modification of the terms of this AGREEMENT shall be valid unless made in writing, signed by all parties hereto, and approved by the COUNTY.
47. GOVERNING LAW: This AGREEMENT, regardless of where executed, shall be governed by and construed according to the laws of the State of Florida, and venue shall be in Miami-Dade County, Florida.
48. SECURITY RESTRICTIONS: Access to certain COUNTY property is restricted. The ENGINEER is subject to Article IX, Chapter 32 of the Miami-Dade County Code (Ordinance No. 02-68). In the event the ENGINEER needs access to such COUNTY property, the ENGINEER agrees to comply with the security ordinance and any other requirements by the COUNTY relating to security which may include background checks, the use of photo identification badges and limited access to COUNTY property. The photo identification badges and associated costs are not reimbursed. Prior to commencing Work at any COUNTY property, the ENGINEER shall meet with a Plant Superintendent or other designated personnel to submit required information and discuss security relating to the Project. Subconsultants are also required to comply with the

restrictions, and it shall be the responsibility of the ENGINEER to ensure that the Subconsultants comply with security ordinance and all restrictions.

In accordance with Section 119.071(3)(b), Florida Statutes, building plans, blueprints, schematic drawings, and diagrams, including draft, preliminary, and final formats, which depict the internal layout and structural elements of a building, arenas, stadium, water treatment facility, or other structure owned or operated by an agency are exempt from Section 119.07, Florida Statutes, and Section 24(a), Article I of the Florida Constitution. This exemption applies to building plans, blueprints, schematic drawings, and diagrams, including draft, preliminary, and final formats, which depict the internal layout and structural elements of a building, arena, stadium, water treatment facility, or other structure owned or operated by an agency before, on, or after the effective date of this act. Information made exempt by this Paragraph may be disclosed to another governmental entity with prior approval by the property owner if disclosure is necessary for the receiving entity to perform its duties and responsibilities; to a licensed architect, ENGINEER, or consultant who is performing Work on or related to the building, arenas, stadium, water treatment plant, or other structure owned or operated by an agency; or upon a showing of good cause before a court of competent jurisdiction. The entities or persons receiving such information shall maintain the exempt status of the information.

49. SANCTIONS FOR CONTRACTUAL VIOLATIONS: Notwithstanding any other penalties for the ENGINEER and/or Subconsultants that may be found to have discriminated in violation of Article VII of Chapter 11A of the Code, the COUNTY may terminate this AGREEMENT or require the termination or cancellation of the Subconsultants' agreements. In addition, a violation by the ENGINEER and/or Subconsultants, or failure to comply with the Administrative Order 3-39, may result in the imposition of one or more of the sanctions listed therein. The COUNTY additionally retains all rights sanctioned it by Ordinance or Statute and may avail itself of any remedy of law or equity in the event of a breach of this AGREEMENT.
50. SEVERABILITY: If any clause, provision, subsection or Section of this AGREEMENT is ruled invalid by any court of competent jurisdiction, the remaining provisions hereof and this AGREEMENT shall be construed and enforced as if such invalid portion did not exist.
51. DRAFTING RESPONSIBILITY: Neither party shall be held to a higher standard than the other party in the interpretation or enforcement of this AGREEMENT, as a whole, or any portion hereof, based on drafting responsibility.
52. SCRUTINIZED COMPANIES WITH ACTIVITIES IN SUDAN LIST OR THE SCRUTINIZED COMPANIES WITH ACTIVITIES IN THE IRAN PETROLEUM ENERGY SECTOR LIST: By executing this AGREEMENT through a duly authorized representative, the ENGINEER certifies that the ENGINEER is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized

Companies with Activities in the Iran Petroleum Energy Sector List, as those terms are used and defined in Sections 287.135 and 215.473, Florida Statutes. The COUNTY shall have the right to terminate this AGREEMENT for default if the ENGINEER is found to have submitted a false certification or to have been, or is subsequently during the term of the AGREEMENT, placed on the Scrutinized Companies for Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List.

53. ERRORS AND OMISSIONS: The COUNTY shall maintain a record of all construction changes that shall be categorized according to the various types, causes, etc. that the COUNTY may determine are useful or necessary for its purposes. Among those categories are construction changes caused by design errors or omissions in the bid documents that are prepared by the ENGINEER. For the purposes of this AGREEMENT provision, errors and omissions shall be dealt with differently, as follows:

- A. Errors: It is specifically agreed that any construction changes identified by the COUNTY and an error in the bid documents that were prepared by the ENGINEER may constitute an additional cost to the COUNTY that would not have been incurred without error. The ENGINEER agrees to be responsible for direct damages to the COUNTY to the extent such damages were caused by the ENGINEER'S breach of the standards of care provided in Section 5A of this AGREEMENT or breach of any other duty specifically set forth in this AGREEMENT.
- B. Omissions: It is further specifically agreed for purposes of this AGREEMENT that any construction changes identified by the COUNTY as an omission in the bid documents that were prepared by the ENGINEER may constitute an additional cost to the COUNTY that would not have been incurred without the omission. The ENGINEER agrees to be responsible for direct damages to the COUNTY to the extent such damages were caused by the ENGINEER'S breach of the standards of care provided in Section 5A of this AGREEMENT or breach of any other duty specifically set forth in this AGREEMENT.

Any disputes under this Section shall be subject to the dispute resolution procedures set forth in Section 14 of this AGREEMENT.

The ENGINEER shall participate in all negotiations with the contractor related to this Section. Such ENGINEER participation shall be at no additional cost to the COUNTY. Failure by the ENGINEER to participate in the negotiations with the contractor shall constitute a waiver of ENGINEER'S rights to contest the appropriateness or amount of any settlement or change orders.

To obtain recovery for errors and/or omissions covered in Paragraphs A and B above, the COUNTY shall deduct from funds due the ENGINEER in this or any other contract the ENGINEER may or will have with the COUNTY up to the amount of the ENGINEER'S insurance deductible. Should the damages incurred

by the ENGINEER exceed the ENGINEER'S insurance deductible, the COUNTY shall look to the ENGINEER and the ENGINEER'S insurer for the remaining amount of additional damages incurred by the COUNTY. In executing this AGREEMENT, the ENGINEER specifically agree to the reasonableness of these damage calculations and to the COUNTY'S rights to recover same as stated above provided, however, the Parties agree that in no event shall the ENGINEER be responsible for the cost of construction change to the extent that such changes are determined to be a betterment to the COUNTY. The recovery of additional costs to the COUNTY under this Section shall not preclude or limit in any way the ENGINEER'S indemnification obligations to the COUNTY pursuant to Section 27 of this AGREEMENT, or preclude or limit in any way recovery for other separate and/or additional damages that the COUNTY may otherwise incur.

(This page was intentionally left blank)

IN WITNESS WHEREOF the parties hereto have executed this AGREEMENT by their duly authorized officers on the date first written above.

ATTEST:

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF COUNTY
COMMISSIONERS

By: _____
Harvey Ruvin
Clerk of the Board

By: _____
Carlos A. Gimenez
County Mayor

ATTEST:

A & P Consulting Transportation
Engineers Corp. (Corporate Seal)

By: Carlos M. Gil-Mera
Signature

By: [Signature]
Signature

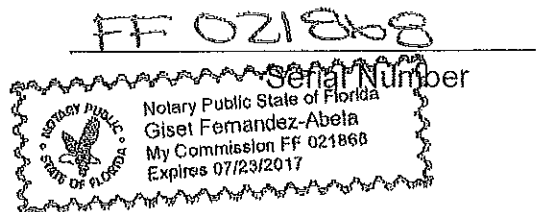
Carlos M. Gil-Mera, Secretary
Print Name

_____, President
Print Name

STATE OF Florida
COUNTY OF Miami-Dade

The foregoing instrument was acknowledged before me this 18th day of November 2014, by Antonio Acosta, as President, and Carlos M. Gil-Mera, as Secretary, of A & P Consulting, a _____, on behalf of the corporation. (He/She/They) is/are personally known to me or has/hasn't have/haven't produced identification and did/did not take an oath.

[Signature]
Notary Public
Giset Fernandez-Abela
Print Name



Approved for Legal Sufficiency:
[Signature]
Assistant County Attorney
Project No. E13-WASD-10
Agreement No. 14APCT004

ATTACHMENTS

Attachment A	Proposal for Services and Labor Expenses
Attachment B	Labor Rates/Table of Organization
Attachment C	Conflict of Interest Affidavit
Attachment D	Public Works and Waste Management Department Rates
Attachment E	Truth-In-Negotiation Certificate
Attachment F	Monthly Utilization Report
Attachment G	ISD Form #10 Subcontractor Payment Report
Attachment H	Contractor's Due Diligence Affidavit
Attachment I	Affirmation of Vendor Affidavits
Attachment J	ISD Form #7 Subcontracting/Supplier Listing
Attachment K	ISD Form #9 Fair Subcontracting Practices

ATTACHMENT A - Proposal for Engineering Services Labor Expenses

Position	Name & (Company)	Labor Multiplier	Hourly Rate	Task 2.1		Task 2.2		Task 2.3		Task 2.4		Task 2.5		Task 2.6		Task 3	Total Labor (Sum 3-6)	Raw Costs (7 X 2)	Multiplied Costs (1 x 8)
				Hrs	\$	Hrs	\$	Hrs	\$	Hrs	\$	Hrs	\$	Hrs	\$				
Principal			0.00														0	\$0.00	\$0.00
Project Manager			0.00														0	\$0.00	\$0.00
Engineer 3			0.00														0	\$0.00	\$0.00
Engineer 2			0.00														0	\$0.00	\$0.00
Engineer 1			0.00														0	\$0.00	\$0.00
Sr. Technician			0.00														0	\$0.00	\$0.00
Technician			0.00														0	\$0.00	\$0.00
Drafter			0.00														0	\$0.00	\$0.00
Sub-totals			0.00			0.00					0.00						0	\$0.00	\$0.00

Summary of Direct Expenses

Units	No. of	\$/Unit	Total
Air Travel		Coach class - from	
Lodging (by days)		(See Attached "Maximum Daily Lodging Rates"	
Car Rental (by days)		\$35.00/day	
Gas (rental cars only)		\$3.75/gallon	
Food			
Shipment			
Lunch			
Dinner			
Mileage			
		Subtotal Direct Expense	\$
		Labor, Direct Expenses and I.G.	\$
		Total Labor and Direct Expenses =	\$

Notes 1.- For Invoices billed on an hourly basis, receipts for all expenses must be submitted. Travel expenses must be accompanied by a statement explaining the purpose of the expense and the parties involved.

Summary of Reimbursable Expenses

Units	No. of	\$/Unit	Total
Applicable Permit Fees (HRS, Fire, etc)			
		Subtotal of Permit Fees	\$
		Reimbursable Expense & I.G.	\$

Notes 2.- For Invoices where Permit Fees are billed, receipts must be submitted.

Total of Labor, Direct Expenses, Reimbursable Expenses and I.G. \$



ATTACHMENT B

October 1st, 2014

Miami-Dade County
Attn: Ms. Faith Samuels
Internal Services Department
111 N.W. 1st Street, 13th Floor
Miami, FL 33128

Re: E13-WASD-10 Employee Classifications and Rates

Please find below the requested employee classifications and rates for the reference project.

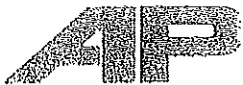
EMPLOYEE NAME	POSITION	HOURLY RATE	JOB RESPONSIBILITY	CATEGORY TITLE
Antonio G. Acosta, P.E., C.G.C.	President	\$125.00	Principal-In-Charge	Principal
Arnello Alfonso, P.E.	Chief Engineer	\$75.00	Project Manager	RTS
Carlos M. Gil-Mera, P.E., C.G.C.	Vice-President	\$65.00	QA/QC	EE
Rogello Varona, P.E.	Senior Project Engineer	\$80.00	Pump Station Design	EE
Anally Perez, P.E.	Project Engineer	\$32.07	Pipeline Design	RTS
Angela Baron, P.E.	Project Engineer	\$39.42	Pipeline Design	NRTS
Vivian Martinez	Engineer	\$32.42	Pipeline Design	NRTS
Lazaro Ferrero, P.E.	Senior Project Engineer	\$54.98	Pipeline Design	RTS
Eithel Sierra, P.E.	Senior Project Engineer	\$78.32	Pipeline Design	RTS
Erik Sibila, P.E., C.G.C.	Project Engineer	\$48.08	Pipeline Design	RTS
Tania Fernandez	Engineer	\$28.01	Pipeline Design	NRTS
Osmany Alfonso, P.E.	Senior Project Engineer	\$62.50	Structural Design	RTS
Armando Rubio, C.G.C.	Senior Const. Manager	\$60.00	Construction Management	NRTS
Nelson V. Perez, P.E., C.G.C.	Senior Project Engineer	\$66.31	Construction Management	RTS
Alex Miltz, E.I.	Senior Inspector	\$30.00	Construction Management	NRTS
Alejandro Leon, P.E.	Project Engineer	\$48.08	Civil Engineering	RTS
Ubaldo "Frank" Lena, P.E.	Senior Project Engineer	\$79.33	Civil Engineering	EE

Proposed Multipliers:

- 2.85 Office Employees
- 2.4 Employees working in County Offices
- 2.1 Field Employees
- \$125.00 Flat Rate for Principals including Subconsultant(s)

Maximum rate compensation, including multipliers of direct salary, shall not exceed:

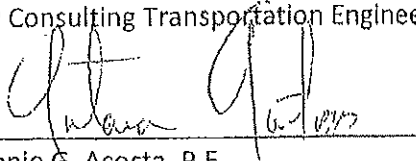
\$228.00



Abbreviation	Category Title	Max. Raw Rate
EE	Expert Engineer, Scientist	\$80.00
RTS	Project Manager and Registered Technical Staff	\$75.00
NRTS	Non-Registered Technical Staff	\$60.00
ADM	Administrative Support Staff	\$45.00
CS	Clerical Staff	\$25.00

Regards,

A&P Consulting Transportation Engineers, Corp.



Antonio G. Acosta, P.E.
President



Stantec Consulting Services Inc.
 901 Ponce de Leon Boulevard, Suite 900, Coral Gables FL 33134-3070

October 1, 2014

A&P Consulting Transportation Engineers
 Attn: Mr. Arnello Alfonso
 10305 N.W. 41st Street, Suite 115
 Doral, Florida 33178

Re: E13-WASD-10 Employee Classifications & Rates

Mr. Alfonso,

Please find below the requested employee classifications and rates for the referenced project.

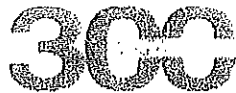
Employee	Position	Hourly Rate	Project Responsibility	Category Title
Ramon Castella, PE	Business Unit Manager	94.55	QA/QC Review	Expert Engineer
Tracy Anderson, PE	Senior Project Manager	78.77	Project Manager	Project Manager
Dave McAnaney, PE	Senior Project Manager	51.62	Senior Project Engineer	Expert Engineer
Dave Clarke, PE	Project Manager	44.44	Project Engineer	Registered Technical Staff
Heather Anesta, PE	Project Engineer	47.89	Structural Engineer	Registered Technical Staff
Larissa Farla, EIT	Engineer-in-Training	23.32	Civil Designer	Non-Registered Technical Staff
Eduardo Robaina	Senior Engineering Technician	29.00	CAD Designer	Non-Registered Technical Staff
Scott Popham	CAD Technician	26.00	CAD Technician	Non-Registered Technical Staff
Jessica Perez	Administrative Assistant	22.68	Administrative Assistant	Clerical Staff

Regards,

STANTEC CONSULTING SERVICES INC.

Jacqueline Pontillo-Silva
 Human Resource Consultant
 Phone: (305) 445-2900
 Fax: (305) 445-7195
 Jackie.Pontillo-Silva@stantec.com

Design with community in mind



To: Amelio Alfonso, PE

Date: September 30th, 2014

From: Franklin A. Torrealba, PE

Project No: E13-WASD-10

Subject: Truth-In-Negotiation Certification of Wage Rates

1. The hourly rates provided below shall be in effect from March 1, 2014 to March 1, 2015
2. Professional Services provided by **Consultant** personnel in various projects are listed below along with raw salary rates

Employee Name	Position	Hourly Rate	Job Responsibility	Category Title
Franklin A. Torrealba, PE	Director	\$77.00	Pipeline Design QA/QC	Technical Expert
Rafael J. Ballesteros, PE	Senior Professional Engineer	\$65.00	Senior Pipeline Designer	Registered Technical Staff
Richard A. Coates, PE	Senior Professional Engineer	\$65.00	Senior Pipeline Designer	Registered Technical Staff
Joe T. Calay, PE	Senior Construction Manager	\$60.00	Construction Manager	Registered Technical Staff
Werner J. Reinefeld, PE	Engineering Manager	\$57.69	Senior Pipeline Designer	Registered Technical Staff
Nick J. Fernandez, EI	Junior Engineer	\$26.93	Junior Pipeline Designer	Non-Registered Technical Staff
Melissa M. Jauregui, EI	Junior Engineer	\$26.44	Junior Pipeline Designer	Non-Registered Technical Staff
Rodolfo E. Remon, MS	Junior Engineer	\$24.14	Junior Pipeline Designer	Non-Registered Technical Staff

3. Fees and other compensation will be computed in accordance with one or a combination of methods outlined in the Agreement and as specified in a written task authorization
4. Fee as a Multiple of Direct Salary Cost and Fixed Hourly Rate task orders will be based on salary raw rates shown above and applicable multiplier per Agreement.
5. Personnel assignments may vary subject to the scope and requirements associated with future tasks service orders.
6. Rates listed above are certified as reported to Internal Revenue Service.

Sincerely,

Director

300 Engineering, Inc.
 10000 West 10th Avenue
 Suite 1000
 Denver, CO 80202
 Tel: 303.440.1100
www.300engineering.com

Water/Wastewater/Civil Engineering/GIS
 Pipelines/Design/Construction Management/Inspection



**E13-WASD-10 DESIGN OF UPGRADES FOR WATER DISTRIBUTION AND SANITARY SEWAGE
COLLECTION AND TRANSMISSION SYSTEM**

Employee Name	Position	Hourly Rate	Job Responsibility	Category Title as defined in the agreement
Jose A. Muñoz, PE	Principal	\$151.45	Principal In Charge	Principal
Ariel Millan, PE	Principal	\$151.45	QA/QC	Principal
Luis Rodríguez, PE	Senior Project Engineer	\$69.77	Engineer of Record	EE
Jesse Blackstock, PE	Senior Project Engineer	\$72.12	Expert Design Engineer	EE
Christopher Zavatsky, PE	Project Manager	\$36.35	Design Engineer	RTS
William (Bill) Whitegon, PE	Project Engineer	\$37.26	Design Engineer	RTS
Mario Mejias	Sr. CADD Technician	\$32.83	Sr. CADD Technician	NRTS
Amarilis Chao, EI	Engineering Intern	\$26.53	Asst. Design Engineer	RTS

Proposed Multipliers:

- 2.85 Office Employees
- 2.4 Employees working in County offices
- 2.1 Field employees

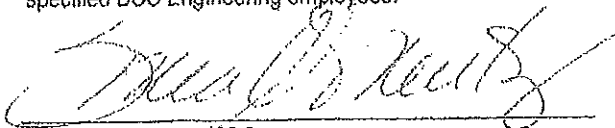
\$125.00 Flat rate for Principals including Subconsultant(s)

Maximum rate compensation including multipliers of direct salary, shall not exceed:

\$228.00

Abbreviation	Category Title	Raw Rates
EE	Expert Engineer, Scientist	\$80.00
RTS	Project Manager and Registered Technical Staff	\$75.00
NRTS	Non-Registered Technical Staff	\$60.00
ADM	Administrative Support Staff	\$45.00
CS	Clerical Staff	\$25.00

I hereby certify that these are the actual rates of the above specified BCC Engineering employees.


Sonia A. Martinez - CFO

10/1/2014
Date



Nadic Engineering Services, Inc.
 15290 NW 60th Avenue, Suite 106
 Miami Lakes, Florida 33014
 Tel: 305-548-8451

WASD Certified Payroll

Employee Name	Position	Raw Hourly Rate	Job Responsibility	Category Title as defined in the Agreement
Godwin Nnadi, Ph.D., P.E.	Senior Engineer	\$59.21	QA/QC	Expert Engineer
Ikenna Uju, E.I.	Project Engineer	\$47.21	Project Management	Non-Registered Technical Staff
Miguel Aldz, E.I.	Staff Engineer	\$28.94	Technical Assistant	Non-Registered Technical Staff
Mustafa Syed	Engineering Intern	\$25.48	Technical Assistant	Non-Registered Technical Staff
Jacarra Wilson	Engineering Intern	\$25.48	Technical Assistant	Non-Registered Technical Staff
Eze Nnadi	Senior CADD Support	\$24.42	Cadd Drafting	Non-Registered Technical Staff
Rudy Jones	Sr. Eng. Technician	\$22.91	Laboratory Supervision	Non-Registered Technical Staff
Carlos Vargos	Sr. Eng. Technician	\$22.91	Field Technician	Non-Registered Technical Staff
Paul Ulrich Jr	Engineering Technician	\$18.81	Field Technician	Non-Registered Technical Staff
Noel Batista	Engineering Technician	\$18.81	Laboratory Technician	Non-Registered Technical Staff
Jacquee Nickerson	Administrative Assistant	\$16.72	Clerical	Administrative Support Staff

Proposed Multipliers

- 2.85 Office Employees
- 2.4 Employees working in County offices
- 2.1 Field employees
- \$125.00 Flat rate for principals including Subconsultant(s)

Personnel assignments may vary subject to the scope and requirements associates with future task orders. Rates listed above are certified as reported to the Internal Revenue Service.

Should you have any questions, please do not hesitate to contact me at our office at +1 (305) 548-8451, cell phone +1 (407) 702-4603 or via an electronic message at gnnadi@nadicinc.com.

Respectfully submitted,

NADIC ENGINEERING SERVICES, INC.
Engineering Business No. 8214

Godwin N. Nnadi, Ph.D., P.E.
 Principal Engineer



Alicia Ana Gonzalez
President

18001 Old Culler Road, Suite
459
Palmetto Bay, Florida 33157
Telephone 305 254 8598
Cellular 786 280 6645
Fax 305 256 1613
agonzalez@mrgmiami.com

October 1, 2014

Miami-Dade County
Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems
E13-WASD-10 - Certified Payroll Statement

Media Relations Group, LLC is a self-certified firm. This letter is to certify that the billing rates or fee schedules contained hereon are our normal rates for such services and that the method used to arrive at the rates are the same as for both public and private sector clients.

CLASSIFICATION	EMPLOYEE	RATE
Public Information Manager/Scientist	Alicia Gonzalez	\$ 80.00 *

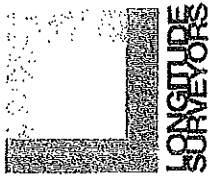
* Based on Salary Cap.

Should you have any questions, please feel free to contact me at 786-280-6645.

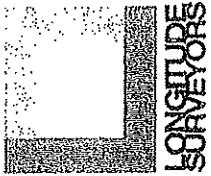
Respectfully,

Alicia Gonzalez
President
Media Relations Group, LLC

October 1, 2014
Date



Employee Name	Position	Hourly Rate	Job Responsibility	Category Title as defined in the Agreement
Adler, John H.	Senior Surveyor & Mapper/SUE Manager	\$35.00	Surveying & Mapping	RTS
Built, Yoan	SUE Crew Chief	\$20.00	SUE Services	NRTS
Centeno, Marlon	Field Crew Party Chief	\$13.00	Field Surveying	NRTS
Cintra, Carlos	Instrument Person	\$14.00	Field Surveying	NRTS
Cooke, Richard	CADD Technician	\$20.50	CADD Drafting	NRTS
Cuneo, Carlos	Field Crew Party Chief	\$22.50	Field Surveying	NRTS
Eniste, Roni	CADD Technician	\$11.00	CADD Drafting	NRTS
Ferrera, Daniel	CADD Supervisor	\$35.00	CADD Drafting/Managing	NRTS
Figueredo, Vianca O.	Administrative Assistant	\$10.00	Administrative Support	ADM
Fortun Romero, Angel L.	Field Crew Party Chief	\$14.00	Field Surveying	NRTS
Genevriño, John	Field Crew Party Chief	\$19.00	Field Surveying	NRTS
Hernandez Gomez, Yasma	Rodman	\$9.00	Field Surveying	NRTS
Higgins, Timothy	Field Crew Party Chief	\$13.00	Field Surveying	NRTS
Leyva, Dany	Rodman	\$10.00	Field Surveying	NRTS
Llopiz, Roelmer	Rodman	\$11.00	Field Surveying	NRTS
Lopez, Alberto L.	Instrument Person	\$8.00	Field Surveying	NRTS
Lopez Gonzalez, Javier	CADD Technician	\$12.00	Field Surveying	NRTS
Lorenzo, Manuel P.	Instrument Person	\$8.00	Field Surveying	NRTS
Martinez, Antonio	Rodman	\$11.00	Field Surveying	NRTS
Ramon, Jesse	Field Crew Party Chief	\$17.00	Field Surveying	NRTS
Rodriguez, Daniel	CADD Technician	\$18.50	CADD Drafting	NRTS
Sanchez Toldeo, Juan Carl	Bookkeeper	\$10.00	Accounting Services	ADM
Senas, Jose	Professional Surveyor & Mapper	\$33.13	Surveying & Mapping	RTS
Suarez, Eduardo M.	Principal/Professional Surveyor & Mapper	\$32.00	Surveying & Mapping	RTS
Subia, Jacqueline	Office Coordinator	\$26.44	Administration/Managing	ADM
Torres, Reinier	Instrument Person	\$10.00	Field Surveying	NRTS



Proposed Multipliers:

- 2.85 Office Employees
- 2.4 Employees working in County Offices
- 2.1 Field employees

\$125.00 Flat rate for Principals including Sunconsultant(s)

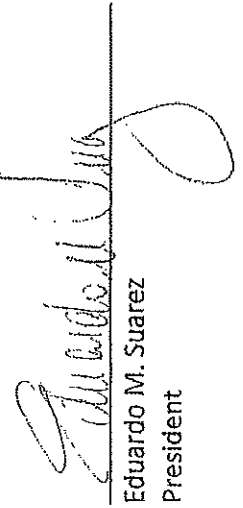
Maximum rate compensation, including multipliers of direct salary, shall not exceed:

\$228.00

Abbreviation	Category Title	Max Raw Rate
EE	Expert Engineer, Scientist	\$80.00
RTS	Project Manager and Registered Technical Staff	\$75.00
NRTS	Non-Registered Technical Staff	\$60.00
ADM	Administrative Support Staff	\$45.00
CS	Clerical Staff	\$25.00

Regards,

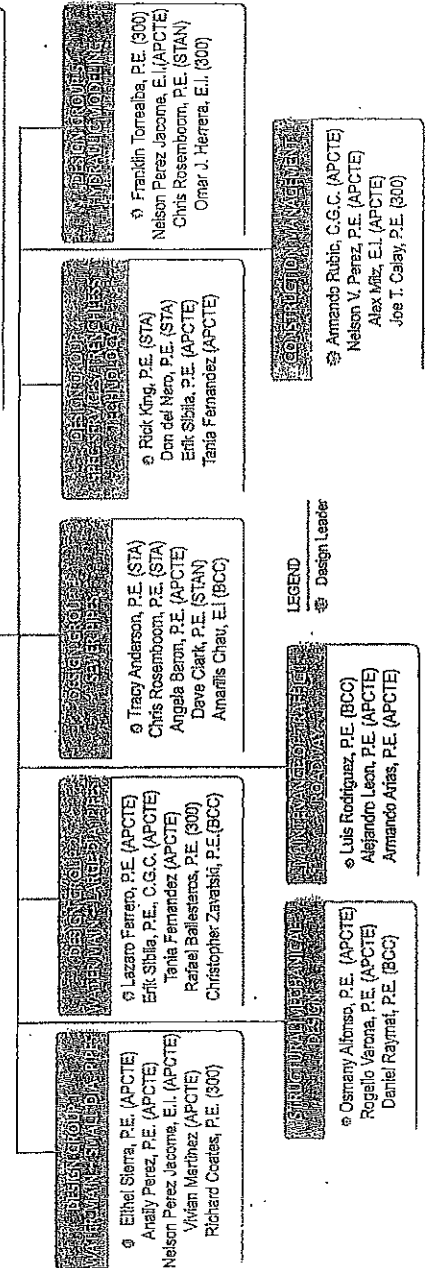
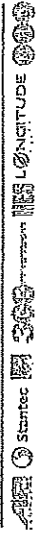
Longitude Surveyors LLC


 Eduardo M. Suarez
 President



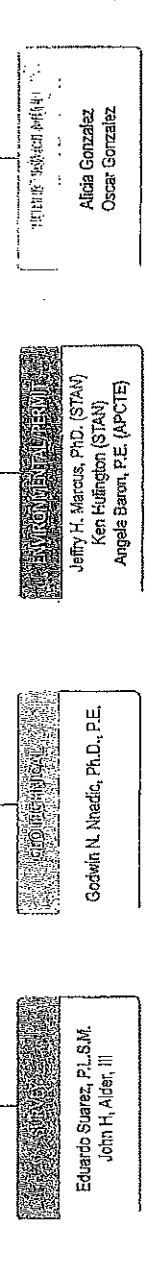
MIAMI-DADE COUNTY WATER AND SEWER DEPARTMENT
 DESIGN OF UPGRADES FOR WATER AND SANITARY
 SEWAGE COLLECTION AND TRANSMISSION SYSTEMS
 ISD PROJECT NO. E13-WASD-10

THE APCTE TEAM



LEGEND
 ⊙ Design Leader

S U P P O R T S E R V I C E S



Color	No.	Legend	COMPANY NAME	FEIN	A/E CERTIFICATIONS
	1	APCTE	A&P Consulting Transportation Engineers, Corp. (APCTE)	85-0770583	6.01, 6.02, 11.00, 12.00, 13.00, 16.00, 17.00
	2	STAN	Slantec Consulting Services, Inc.	11-2167170	6.01, 6.02, 10.05, 12.00, 16.00, 17.00
	3	300	300 Engineering Group, PA	56-2612528	6.01, 6.02, 76.00
	4	BCC	BCC Engineering, Inc.	85-0540100	6.01, 6.02, 16.00, 17.00, 11.00
	5	MAD	Nadic Engineering Services, Inc.	50-0062261	9.01, 9.02
	6	LONG	Longitude Surveys, LLC	26-4551726	15.01, 15.03
	7	MED	Media Relations Group, LLC	20-0718620	Public Involvement

ATTACHMENT B

ORGANIZATIONAL CHART

NAME	EXPERIENCE		Years of Experience
	Water Design	Sewer Design	
Amelio Alonso, P.E. (APCTE)	X	X	20
Antonio G. Acosta, P.E., C.G.C., (APCTE)	X	X	28
Carlos M. Gil-Mera, P.E., C.G.C., (APCTE)	X	X	27
Ramon Castella, P.E. (STAN)	X	X	19
Franklin Torralba, P.E. (BCC)	X	X	9
Franklin Torralba, P.E. (BCC)	X	X	5
Franklin Torralba, P.E. (BCC)	X	X	27
Franklin Torralba, P.E. (BCC)	X	X	28
Franklin Torralba, P.E. (BCC)	X	X	9
Franklin Torralba, P.E. (BCC)	X	X	13
Franklin Torralba, P.E. (BCC)	X	X	8
Franklin Torralba, P.E. (BCC)	X	X	5
Franklin Torralba, P.E. (BCC)	X	X	15
Franklin Torralba, P.E. (BCC)	X	X	47
Franklin Torralba, P.E. (BCC)	X	X	7
Franklin Torralba, P.E. (BCC)	X	X	7
Franklin Torralba, P.E. (BCC)	X	X	37
Franklin Torralba, P.E. (BCC)	X	X	35
Franklin Torralba, P.E. (BCC)	X	X	3
Franklin Torralba, P.E. (BCC)	X	X	30
Franklin Torralba, P.E. (BCC)	X	X	22
Franklin Torralba, P.E. (BCC)	X	X	11
Franklin Torralba, P.E. (BCC)	X	X	12
Franklin Torralba, P.E. (BCC)	X	X	29
Franklin Torralba, P.E. (BCC)	X	X	25
Franklin Torralba, P.E. (BCC)	X	X	31
Franklin Torralba, P.E. (BCC)	X	X	31
Franklin Torralba, P.E. (BCC)	X	X	27
Franklin Torralba, P.E. (BCC)	X	X	45
Franklin Torralba, P.E. (BCC)	X	X	36
Franklin Torralba, P.E. (BCC)	X	X	2
Franklin Torralba, P.E. (BCC)	X	X	51
Franklin Torralba, P.E. (BCC)	X	X	7
Franklin Torralba, P.E. (BCC)	X	X	14
Franklin Torralba, P.E. (BCC)	X	X	16
Franklin Torralba, P.E. (BCC)	X	X	8
Franklin Torralba, P.E. (BCC)	X	X	29
Franklin Torralba, P.E. (BCC)	X	X	29
Franklin Torralba, P.E. (BCC)	X	X	35
Franklin Torralba, P.E. (BCC)	X	X	15
Franklin Torralba, P.E. (BCC)	X	X	15

EXHIBIT "C"

CONFLICT OF INTEREST

AFFIDAVIT

I, _____, being first duly sworn, state:

1. I am employed by _____ to work on the Miami-Dade Water and Sewer Department's project(s) related to the DESIGN OF UPGRADES FOR WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS ("Project").
2. I am not employed by nor receive any compensation from any other person, consultant or contractor for work related the Project.
3. If I am engaged in any additional employment not related to the Project, I shall immediately disclose such employment to my employer (named above in #1) and the Miami-Dade Water and Sewer Department (WASD).
4. If I obtain employment from another person, consultant or contractor working on any of the Project, I shall disclose such employment to WASD.
5. Neither I nor any of my immediate family (spouse, parents, and children) have any financial interests or business interests in any of the contractors working on any of the Project.
6. This Affidavit was requested by and being provided to WASD. I have acknowledged that WASD is relying on this Affidavit to ensure that I have no conflicts of interest when performing work of the Project.

Date

Name of Affiant

Signature

The foregoing instrument was acknowledged before me this _____ day of _____, 2014, by _____, who is personally known to me or and has/has not produced _____ as identification and did/did not take an oath.

Notary Public

Print Name

Serial Number

ATTACHMENT D

MIAMI-DADE COUNTY

**PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2018**

Contract No. E12-PWMM-02

Unit	Unit Price	Unit
1. GEOTECHNICAL SERVICES (9.01)		
Mobilization of Truck-Mounted Drill Rig. (If special access equipment required (i.e. ATVs, Off-Road or Marine Equipment) or restricted access See Item 8 of the "General Notes and Special Conditions" for Rates.)		
A.	\$ 364.00	Up to 4 Percolations per Day of Up to 100 Ft. of Borings.
B. Borings Standard Penetration per ASTM D-1586:		
<u>With or Without Casings:</u>		
	\$ 20.80	Penetration Depth 0' to 50'
	\$ 24.95	Penetration Depth 51' to 75'
	\$ 29.12	Penetration Depth 76' to 100'
	\$ 35.36	Penetration Depth 101' to 150'
C. Auger Borings per ASTM D-1452 Penetration Depth:		
	\$ 15.60	Penetration Depth 0' to 50'
	\$ 17.68	Penetration Depth 51' to 75'
	\$ 19.75	Penetration Depth 76' to 100'
	\$ 23.92	Penetration Depth 101' to 150'
D. Rock Coring per ASTM D-2113 (Max. NX Size):		
	\$ 35.02	Penetration Depth 0' to 50'
	\$ 41.60	Penetration Depth 51' to 75'
	\$ 48.88	Penetration Depth 76' to 100'
	\$ 55.12	Penetration Depth 101' to 150'

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2016

Contract No. E12-PWMM-02

	<u>Unit Price</u>	<u>Unit</u>
E. Standard Penetration Test (includes Mobilization and Soil Boring Log) (Portable Equipment)	\$ 26.00	Per Foot
1E.1 Standard Penetration Test (Water Boring) (Equipment Excluded, Barge Cost to be Negotiated by User Department. Permit Reimbursable upon Proof of Payment.)	\$ 52.00	Per Foot
F. Undisturbed Sampling per ASTM D-15	\$ 114.40	Per Sample
G. Slug Percolation Test-USGS / PWD 9" Dia. Hole (DERM) (Min. 2 per Job)	\$ 416.58	Per Test
H. Double Ring Infiltration Test per ASTM D-3385 (Swale or Grassy Areas) (Min. 2 Tests)	\$ 478.40	Per Test
I. Percolation Tests		
1I.1 Fla. Dept. of Health and Rehabilitative Services, Chapter 100-6.57 (Min. 2 Tests per Job)	\$ 357.76	Per Test
1I.2 DCPW Highway Division (Min. 12" Dia.) (Min. 2 Tests per Job)	\$ 514.80	Per Test
1I.3 Open Hole Method (Min. 6" Dia.) (Min. 2 Tests)	\$ 501.60	Per Test
J. Closing Holes with Grout / Approved Method(s) to Safe proof Site. [Safe proof to be Accomplished Before Laboratory Leaves the Site(s)]	\$ 8.32	Per Linear Foot
K. Trench Test per So. Fla. Water Management District. (Excludes Equipment and Operator) (Provide Equipment Rental Invoice for Direct Cost Reimbursement).	\$ 506.38	Per Test
L. Soil Cement Stabilization Field Inspection	\$ 34.24	Per Hour
1L.1 Soil Cement Cylinder Testing	\$ 65.52	Per Hour
M. Water Quality Monitoring	\$ 84.24	Per Sample
N. Geotechnical Engineering Evaluation and Report of Existing Soil with Respect to Allowable Bearing Capacity.	\$ 124.88	Per Hour

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2016

Contract No. E12-PWMM-02

	Unit Price	Unit
O. Geotechnical Engineer Pile Capacity Analysis	\$ 124.80	Per Hour
P. Muck Probes	\$ 83.20	Per Hour
2. MONITORING WELLS (includes Drilling) (9.01)		
A. Mobilization of Truck-Mounted Drill Rig. (Same Conditions Apply as referenced for Geotechnical Services, Item 1.A, Page 1 of the Fee Schedule)	\$ 364.00	Up to 2 Wells per Day
B. Monitoring Well Installation (2" PVC, Max. 20' Depth)* (Min. 2 Wells)**	\$ 676.00	Per Well
C. Monitoring Well Abandonment (2" PVC, Max. 20' Depth)* (Min. 2 Wells)**	\$ 283.92	Per Well
D. Monitoring Well Abandonment (4" PVC, Max. 20' Depth)* (Min. 2 Wells)**	\$ 340.88	Per Well
E. Monitoring Well (4" PVC, Max. 20' Depth)* (Min. 2 Wells)**	\$ 881.92	Per Well
F. Monitoring Well Installation (2" PVC, Greater than 20' up to 100')* (Min. 2 Wells)**	\$ 72.80	Per Foot
* Excludes Permit.		
** Due to Security Constraints Rates Negotiable for Aviation, Seaport and MDT.		
G. Repair of Monitoring Wells Unit Rates	\$ 972.40	Per Unit
H. Water Quality Monitoring (Does Not Include Analytical Tests) (Per Well)	\$ 252.80	Per Well
I. Direct Push Well Installation (20 Feet Max.)	\$ 800.88	Per Well
J. Direct Push Soil / Groundwater Sampling	\$ 1,664.00	Per Day
K. Boat Rental (Min. 8 Hour Day) With Prior Approval by the Issuing Department (Furnish Copy of Ownership or Copy of Rental Invoice).	\$ 468.00	Per Day

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2016

Contract No. E12-PWWM-02

	Unit Price	Unit
3. PRE-STRESS / PRE-CAST (9.02) (Includes Travel, Mileage, Delivery and Certified Reports).		
Pre-Stress / Pre-Cast Fabrication Inspection per PCI MNL-116 (Structural) or MNL-117 (Architectural) (Bridge and Building Units / Ready Mix Plants Inspections) (Min. 4 Hrs.)		
A.	\$ 84.24	Per Hour
Pre-Stress (Inspection and Certified Report Included) (Stressing Operation and Inspection) per PCI MNL-116 (Min. 4 Hrs.)		
B.	\$ 84.24	Per Hour
Reinforced Concrete Pipe and Pre-Fabricated Manhole Inspection (Types, Sizes, and Design) (Includes Inspection and Certified Report) (Min. 4 Hrs.)		
C.	\$ 84.24	Per Hour
Absorption Test of Pre-Cast Units per ASTM C-497.		
D.	\$ 54.08	Per Core
Three Edge Bearing Test per ASTM C-497.		
E.	\$ 84.24	Per Hour
Hydrostatic Testing per ASTM C-497.		
F.	\$ 84.24	Per Hour
Testing Concrete Cylinder per ASTM C-497. (Same Conditions Apply as Shown on 3A.1) (Does NOT Include Technician or Pick-Up).		
G.	\$ 114.40	Per Cylinder
* If Additional Hours are Required Must have Approval from Issuing Department.		
4. PILING (9.02)		
A. Pile Driving/Auger Cast Pile Inspection (Includes Certified Log/Report (4 Hrs. Min.)		
4A.1	\$ 84.24	Per Hour
Splice of Piles as an Addition (per Occurrence) (with Prior Approval from Engineer) (Witness Splice).		
B.	\$ 84.24	Per Hour
Vibro-Fixation Inspection (4 Hrs. Min.)		
Pile Load Test - Test Frame and Load Set-up Witnessed by Certified Inspector per ASTM D-1142 (Equipment / Loads Furnished by Contractor)		
C.	\$ 84.24	Per Hour

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2016

Contract No. E12-PWMM-02		<u>Unit Price</u>	<u>Unit</u>
4C.1	Furnishing and Set-up of Calibrated Gauges.	\$ 113.30	Per Gauge
4C.2	Monitoring of Pile Load Test, Collect Field Data, and Inspector Time.	\$ 84.24	Per Hour
4C.3	Pile Load Test Report, Certify and Prepare Report for Load Capacity of Pile. (Engineer's Time).	\$ 124.80	Per Hour
5.	SOILS (9.02) (Includes Travel, Mileage, Delivery and Certified Report)		
A. Field Density Tests			
5A.1	Sand Cone Method per AASHTO T-19 and ASTM D-1556 (2 Tests Min.)	\$ 88.44	Per Test
	Nuclear Method per AASHTO T-238 & ASTM D-2922, (Moisture per AASHTO T-239 & ASTM D-3017) (Min. 4 Tests):		
5A.2	Per Test (From 1 thru 4 Tests), Per Trip	\$ 49.42	Per Test
	Per Test (From 5 thru 10 Tests), Per Trip	\$ 34.32	Per Test
	Per Test (From 11 or More Tests), Per Trip	\$ 38.15	Per Test
5A.3	Maximum / Minimum Relative Density Tests per ASTM D-4253 and 4254 (Field and Laboratory)	\$ 171.50	Per Test
5A.4	Hourly Rate (Min. 4 Hrs.)* (Unlimited Tests) (7:00 AM to 6:00 PM) (Equipment ONLY, Technician NOT included)	\$ 65.52	Per Hour
*	If Laboratory Finishes Work in Less than the 4 Hr. Increment, they Shall be Paid for the Full 4 Hrs., if Time Runs Past the 4 Hr. Increment, Extra Hrs. Shall Be Paid at the Per Hour Rate, Upon Approval from Issuing Department		

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2016

Contract No. E12-PWWW-02		Unit Price	Unit
5A.5	Evening Density Testing (7:00PM to 6:00 AM) (If Requested by Issuing Department - Designed to be Performed in the Evening and to be Part of the Min. 40 hrs. Estimated Tests*) (Equipment ONLY - Technician Not Included)	\$ 88.40	Per Hour
B. Moisture Density Tests (Proctor)			
5B.1	Standard per AASHTO T-99 and ASTM D-698 (Non-Traffic Areas) (Min. 2 Tests per Trip)	\$ 133.12	Per Test
5B.2	Modified per AASHTO T-180 and ASTM-1577 (Building / Highway Projects) (Min. 2 Tests per Trip)	\$ 149.76	Per Test
C. Limerock Bearing Ratio (LBR) - FDOT			
D.	Carbonates on LBR Material (2 Tests per Trip)	\$ 72.80	Per Test
E. Laboratory California Bearing Ratio (CBR) per ASTM D-4883 (One Point)			
5E.1	Lab Proctor Test	\$ 149.76	Per Test
5E.2	Three (3) Point CBR	\$ 353.60	Per Test
F. Field California Bearing Ratio per Asphalt Institute MS-10 (Latest Version) (Reaction Load by Others) (2 Tests Min.)			
G.	Moisture Content	\$ 421.20	Per Test
H. Organic Content			
5H.1	Limerock per AASHTO T-267 (by Incineration)	\$ 39.52	Per Test
5H.2	Test of Soil Chemical Analysis [(1972) P.R. Hesse P. 211] (by Peroxide)	\$ 52.00	Per Test
I. Grain Size per AASHTO T-27 (Sieve Analysis Only)			
I.	Grain Size per AASHTO T-27 (Sieve Analysis Only)	\$ 72.80	Per Test
I.	Grain Size per AASHTO T-27 (Sieve Analysis Only)	\$ 66.56	Per Test

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2016

Contract No. E12-PWMM-02		Unit Price	Unit
J.	Mechanical Analysis per ASTM D-422 or T-11 and T-27	\$ 70.72	Per Test
K.	Soil Classification per ASTM D-5282 and D-2487 (AASHTO-Unified-FAA)	\$ 98.84	Per Test
L.	Los Angeles Abrasion on Rip-Rap per ASTM C-535 (Large Size Coarse Aggregate)	\$ 249.00	Per Test
M.	Soundness on Rip-Rap per ASTM C-88 (5 Cycle Sodium Sulphate)	\$ 295.00	Per Test
N.	Soil Specific Gravity per ASTM D-854	\$ 62.40	Per Test
O.	Material Finer than 200 Sieve per ASTM C-117	\$ 46.80	Per Test
P.	Liquid Limit per ASTM D-4318 (Atterberg Limits)	\$ 78.00	Per Test
Q.	Salt Content per FDOT FM 5-516	\$ 60.32	Per Test
R.	Limerock Base Thickness Determination - Minimum 3" Diameter Holes FAAP- 211 (Min. 2 Tests) (Excludes Mobilization and Transportation)	\$ 30.08	Per Test
	= Unlimited Tests	\$ 702.00	Per Day
S.	Limerock Chemical Analysis per DCPW, FDOT (2 Tests Min.)	\$ 88.40	Per Test
T.	Limerock Chemical Analysis per DCAD FAAP-211 (2 Tests Min.)	\$ 88.40	Per Test
U.	Resistivity Test in Accordance with California Method 643-7 with Break-down for Test, Sampling, PH Measurement of Water and Soil, etc.	\$ 149.76	Per Test
V.	Sediments Tests	\$ 74.88	Per Test
VI.	Soil Load Bearing Test (Plate Load) (Reaction Load by Others)		
	SW.1 Static Load on Footings per ASTM D-1194	\$ 538.72	Per Test
	SW.2 Repetitive Static Load for Pavement per ASTM D-1195	\$ 570.96	Per Test

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2016

Contract No. E12-PWMM-02		<u>Unit Price</u>	<u>Unit</u>
5W.3	Non-Repetitive Static Load for Pavement per ASTM D-1196	\$ 570.96	Per Test
X.	Soil Relative Density Tests (Vibro-Flotation / In-Situ Verification)		
5X.1	CPT Cone Penetration Test Soundings	\$ 16.64	Per Foot
Y.	Horticultural Service for PH Value of Soil	\$ 43.64	Per Test
Z.	Horticultural Service for Soluble Salts in Soil	\$ 72.80	Per Test
AA.	Horticultural Service for Macro Nutrients in Soil	\$ 84.40	Per Test
AB.	Backfill Monitoring (4 Hrs. Min.)	\$ 67.60	Per Hour
AC.	Geotechnical Engineer (Min. 2 Hours)	\$ 124.80	Per Hour
6.	ASPHALT CONCRETE (9.03)		
	(Includes Travel, Mileage, Delivery and Certified Report.)		
A.	Asphalt Paving Design Mix Marshall Method (Includes Sampling, Standard Design and Applicable Marshall Procedures) per Asphalt Institute Manual Series No. 2	\$ 821.60	Per Mix
B.	Analysis of Special Design Mix	\$ 665.60	Per Mix
C.	Marshall Properties (FDOT Procedures) (Aviation P- 401 / P- 405). (Technician plus tests.)		
6C. 1	Stability per ASTM D-1559 or AASHTO D-T 245 (Set of 3 Specimen).	\$ 126.88	Per Set
6C. 2	Flow per ASTM - 1559 or AASHTO D-T 245 (Set of 3 Specimen).	\$ 116.48	Per Set
6C. 3	Density per ASTM D-2726 (Set of 3 Specimen).	\$ 119.50	Per Set
6C. 4	Air Voids per ASTM- 3206 (Set of 3 Specimen).	\$ 116.48	Per Set

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2016

Contract No. E12-PWMM-02		Unit Price	Unit
6C.5	Maximum Density per ASTM D-2041.	\$ 26.96	Per Set
6C.6	Particle Coating per ASTM D-2489.	\$ 131.04	Per Sample
6C.7	Sampling/Prep. Per ASTM D-1559 / D-2726.	\$ 80.08	Per Sample
6C.8	Bulk Specific Gravity of Drilled Core per ASTM D-2726.	\$ 56.16	Per Core
6C.9	Moisture Content - Drying per ASTM C-866.	\$ 57.20	Per Sample
6C.10	Moisture Content - Distillation per ASTM D-1461.	\$ 135.20	Per Sample
6C.11	Asphaltic Specific Gravity / Absorption of Aggregate Blends.	\$ 104.00	Per Aggregate Sample
6C.12	Sampling Hot Mix at Manufacturer Per ASTM D-978.	\$ 62.48	Per Hour
6C.13	Effect of Water on Hot Mix per ASTM D-1075 (Set of 6 Samples).	\$ 131.04	Per Set
6C.14	Washed Sieve Analysis.	\$ 66.56	Per Sample
6C.15	AASHTO T-182.	\$ 145.60	Per Sample
6C.16	Flat / Elongated Pieces per ASTM D-4791.	\$ 148.40	Per Sample
6C.17	Effect of Moisture On Hot Mix per ASTM D-4867 (Set of 6 Samples).	\$ 312.00	Per Set
6C.18	Sand Equivalent per ASTM D-2419	\$ 104.00	Per Sample
6C.19	Effect of Water on Cohesion per ASTM D-1075 / Modified.	\$ 198.64	Per Sample
D.	Extraction/Gradation Analysis per ASTM D-6307.	\$ 150.80	Per Test
E.	Asphalt Plant Technician Using FDOT Approved Plant, Laboratory and Procedures for Extraction, Gradations, Marshall Tests and Temperature Checks (ASTM D-290-85) (Per Person. Min. 4 Hrs.)	\$ 84.24	Per Hour

Prepared by:
Miami-Dade County Purchases Department
February 2008

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2016

Contract No. E12-PWMM-02		Unit Price	Unit
F.	Paving Technician for On-Site Paving Operations, Inspections per FDOT Procedures (Temperature, Density Testing and Observation) (4 Hr. Min.)	\$ 84.24	Per Hour
G.	Asphalt Densities (Nuclear-Back Scatter Method) (Min. 4 Tests)	\$ 31.20	Per Test
H.	Asphalt Core Drilling for Thickness Measurements (includes Asphalt Patching) (Min. 8 Cores per Call-Out)	\$ 62.40	Per Core
I.	Asphalt Cores Laboratory Tests for Measurements per ASTM D-3549 and Weight per Cubic Foot, per ASTM D-2726. (Min. 4 Cores)	\$ 46.80	Per Core
J.	Gyratory Compaction (Bulk Specific Gravity)	\$ 124.80	Per Sample
7. TECHNICAL SERVICES (AVIATION) (9.03)			
A.	P401 Technical Services - NCEI MEP-E-FDOT/Equivalent per ASTM D-3666 Asphalt Plant Facilities & Initial Plant Inspection, Quality Reviews, Design Mockup Review, Technical Reports/Meetings/Coordination Oversight/PNL/Reviews (Min. 2 Hrs.)	\$ 130.00	Per Hour
B.	P404 / P405 / P602 / P603 / P609 - Field Acceptance Inspection. Certified Inspector per ASTM D-3666.		
7B.1	Level "I" Inspector (Weekday Min. 4 Hrs.)	\$ 84.24	Per Hour
7B.2	Level "II" Inspector (Weekday Min. 4 Hrs.)	\$ 87.36	Per Hour
7B.3	Cancellation Fee (Plan) (Per Cancellation, Per Technician)	\$ 226.72	Per Cancellation/Tech.
8. CONCRETE TESTING (9.03)			
(Inclusive of Travel, Mileage, Delivery and Certified Report)			
A.	Cylinders - Cast and Tested by Laboratory.		
BA.1	Standard 6"x12" or 4"x8" Cylinder. (Concrete Temperature Test and Slump Test) (Per ASTM C-31, "Section 7" Lab. Strength Tests per C-39 using C-617 or C-1231) (Max. 5 Cylinders Per Set).	\$ 114.40	Per Set

Prepared by:
Miami-Dade County Professional Department
February 2012

**MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2016**

Contract No. E12-PWMM-02		Unit Price	Unit
8A.2	Lightweight 3"x 6" Cylinder Includes Concrete Per ASTM C-495 (Max. 5 Cylinders Per Set)	\$ 114.40	Per Set
8A.3	Air Entrainment per ASTM C31(used Concurrently with Concrete Set Testing).	\$ 36.40	Per Set
8A.4	Cylinder Pick-Up.	\$ 60.32	Per Hour
B. Securing Structural or Pavement Cores per ASTM C-42(6" Max. Dia.) (3 Cores Min.)			
8B.1	8" Deep	\$ 130.00	Per Core
8B.2	14" Deep	\$ 156.00	Per Core
8B.3	12" Deep x 12" Diameter	\$ 312.00	Per Core
C. Cores Trim and Compression Test per ASTM C-42.			
8C.1	Concrete Masonry Units per ASTM C-140 & C-551- Block/Brick per ASTM-140.	\$ 41.20	Per Test
8D.1	Concrete Brick per ASTM C-551. (Min. 2 Bricks)		
	8D.1A Compression	\$ 46.80	Per Brick
	8D.1B Absorption	\$ 67.60	Per Brick
	8D.1C Dimension	\$ 46.80	Per Brick
	8D.1D Appearance	\$ 43.68	Per Brick
8D.2	Block, Manhole	\$ 57.20	Per Test
8D.3	Block, Concrete Compression per ASTM C-140 - Individual Units.	\$ 57.20	Per Test
8D.4	Block, Concrete Absorption per ASTM C-140 Individual Units.	\$ 62.44	Per Test

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2016

Contract No. E12-PWMM-02

	<u>Unit Price</u>	<u>Unit</u>
8D. 5	\$ 57.20	Per Block
8D. 6	\$ 176.00	Per Block
8D. 7	\$ 36.40	Per Cube
8D. 8	\$ 140.40	Per Prism
8D. 9	\$ 65.52	Per Unit
8D.10	\$ 62.40	Per Block
8D.11	\$ 21.84	Per Cube
8D.12	\$ 65.52	Per Hour
8D.13	\$ 84.24	Per Hour
E. Concrete Beams		
8E.1	\$ 68.60	Per Test.
8E.2	\$ 124.80	Per Beam
F. Air Content per ASTM C-173 or ASTM C-231.		
G. Concrete Densities (Unit Weight) & Yield Test per ASTM C-138.		
H. Design Mix per ACI-211 Standard Aggregate (Materials Furnished by Supplier) (Laboratory Sampling Included) (1 Trial Batch and 6 Cylinder Tests) (First of Any Series).		
	\$ 540.80	Per Mix

Prepared by:
Miami-Dade County Professional Services Department
February 2011

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2016

Contract No. E12-PW444-02		Unit Price	Unit
(Additional Design Mixes in Series)			
8H.1	Design Mix Materials Testing.	\$ 416.00	Per Mix
	8H.1a Gradation.	\$ 75.92	
	8H.1b Fine Aggregate Gravity and Absorption C-127.	\$ 85.28	Per Test
	8H.1c Coarse Aggregates Specific Gravity and Absorption C-128.	\$ 94.64	Per Test
	8H.1d LA Abrasion C-88.	\$ 228.80	Per Test
I.	On-Site Inspection per ACI-304 and ACI-311.5R (Per Site Visit as Approved by the Engineer) (4 Hrs. Min.)	\$ 84.24	Per Test
J.	Concrete Plant Inspection per ACI-314.5 (Mix and Weight Verification) (4 Hrs. Min.)	\$ 84.24	Per Hour
K.	Windsor Probe Test per ASTM C-803 (Penetration Resistance to Determine Uniformity) with Equipment Charge (Windsor Gun) (Per Trip Per Location)	\$ 280.88	Per Trip
L.	ASTM C-803 (Set of 3 Probes per Test)	\$ 104.00	Per Test
M.	Concrete Rebound Hammer Test per ASTM C-805 (Use of Spring Driven Steel Hammer to Determine Uniformity of In-Place Concrete) (4 Hrs. Min.)	\$ 84.24	Per Hour
N.	Pullout per ASTM C-800 (Includes Pin Installation).	\$ 356.72	Per Test
O.	Thickness of Concrete per ASTM C-1383.	\$ 69.68	Per Hour
P.	Corrosion Activity per ASTM C-876	\$ 90.48	Per Hour
Q.	Chloride Content.		

MAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2016

Contract No. E12-PWMM-02

	Unit Price	Unit
8Q.1 Per ASTM C-1152	\$ 130.00	Per Test
8Q.2 Per ASTM C-1218	\$ 135.25	Per Test
R. Pachometer (Magnometer) Readings for Rebar Location, Approximate Size and Spacing (4 Hrs. Min.)	\$ 84.24	Per Hour
S. Los Angeles Abrasion per ASTM C-131 (Small Size Coarse Aggregate).	\$ 228.80	Per Test
T. Sieve Analysis per ASTM - 136.	\$ 75.92	Per Test
U. Absorption Fine Aggregate per ASTM C-128, Coarse Aggregate per ASTM C - 127.	\$ 75.92	Per Test
V. Specific Gravity Fine Aggregate per ASTM C-128, Coarse Aggregate per ASTM C- 127.	\$ 75.92	Per Test
W. Weight per Cubic Feet per ASTM C-29.	\$ 75.92	Per Test
<u>9. STEEL (9.04)</u>		
(Use - AWS, AMS, ASME, API, as Applicable		
A. Shop / Field Weld Inspection per ASTM D-5329 (4 Hrs. Min.)	\$ 84.24	Per Hour
B. AWS, AWS, ASME Welder Tests - Groove or Fillet Plate		
Pipe	\$ 223.60	Per Position
C. Reinforcing Steel Tensile Test	\$ 224.00	Per Position
D. Reinforcing Steel Deformation Test	\$ 136.00	Per Test
E. Reinforcing Bar Placement Inspection	\$ 49.92	Per Test
	\$ 84.24	Per Hour

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2018

Contract No. E12-PHYVM-02		<u>Unit Price</u>	<u>Unit</u>
F. Chemical Laboratory Test			
Welding Inspection and Dye Penetrant Weld Testing		\$ 84.24	Per Hour
G. Radiograph Weld Inspection (Min. 4 Tests)		\$ 145.50	Per Test
H. Engineering Services			
9H.1	Special Inspector for Threshold Buildings (State Certified) (2 Hrs. Min.)	\$ 124.80	Per Hour
9H.2	Special Inspector Designee (2 Hrs. Min.)	\$ 124.80	Per Hour
9H.3	Special Inspector under the Florida Building Code (2 Hrs. Min.)	\$ 124.80	Per Hour
10. MECHANICAL (9.04)			
A.	Sound Surveys (Includes Travel Time)	\$ 101.92	Per Hour
B.	Lighting Surveys (Includes Travel Time)	\$ 101.92	Per Hour
11. FIRE PROOFING (9.04)			
A. Inspection of Sprayed-On Fireproof Coating on Structural Steel.			
11A.1	4 Hours Minimum	\$ 84.24	Per Hour
11A.2	Laboratory Unit Weight Test of Fireproofing Coating per ASTM E-605	\$ 62.40	Per Test
11A.3	Field Adhesion / Cohesion Tests per ASTM E-736	\$ 131.95	Per Test
* If Additional Hours are Required Must Have Approval from Issuing Department			
12. STRAIN MEASUREMENTS (SR4 INDICATOR) (9.04)			
A.	Technician Services to Install Gauges/Make Strain Reading (4 Hr. Min.)	\$ 84.24	Per Hour

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2016

Contract No. E12-PIWVM-02	Unit Price	Unit
13. ULTRASONIC INSPECTIONS (9.04)		
A. Services of an Ultrasonic Technician and Equipment (8 Hours Min.)	\$ 130.00	Per Hour
B. Assistant Technician (8 Hours Min.)	\$ 60.32	Per Hour
14. STRUCTURAL STEEL (9.04)		
A. Welding Inspector Per AWS Code (4 Hrs. Min.)	\$ 84.24	Per Hour
B. Structural Steel Shop or Field Inspector (4 Hrs. Min.)	\$ 84.24	Per Hour
C. Bolt Tightening Inspection by Using:		
14C.1 Torque Wrench	\$ 84.24	Per Hour
14C.2 Reg. Wrench	\$ 84.24	Per Hour
14C.3 Filler Gauge	\$ 84.24	Per Hour
D. Structural Steel Testing / Inspection (4 Hrs. Min.)	\$ 84.24	Per Hour
15. WELDING (9.04)		
A. AWS Certified Welding Inspector (2 Hrs. Min.) (Per Inspection)	\$ 84.24	Per Hour
B. AWS Certified Welding Inspector / 1 Hr. PADI Certified (Min. 2 Inspectors per Inspection.)	\$ 145.60	Per Hour
16. MAGNETIC PARTICLE TESTING (MAGNAFLUX) (9.04)		
A. Services of a Non- Destructive Technician	\$ 84.24	Per Hour

**MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2016**

Contract No. E12-PWMM-02

Unit	Unit Price	Unit
B. Magrflux Testing	\$ 80.08	Per Test
17. ROOFING (9.05)		
(All Tests Performed Shall be in Accordance with Current Edition of the Florida Building Code at Time the Work is Issued, further, Laboratory Shall be part of the Current Listing of Certified Laboratories for Miami-Dade County Building Department.)		
A. Built-Up Roof Sample Analysis (Test Method for Moisture in Mineral Aggregate used for Built-Up Roofs) (ASTM D-1864)	\$ 55.12	Per Test
B. ASTM 3617	\$ 314.08	Per Test
C. Compression Test - Roof Tiles	\$ 60.32	Per Hour
D. Absorption Test - Roof Tiles (Per Set of 5)	\$ 241.28	Per Set
E. Up-Hill Test of Roof Tiles (Per Set of 5)	\$ 291.20	Per Set
F. Core Samples (per Architect / Engineer's Recommendations)	\$ 75.92	Per Sample
G. Visual Inspections		
Per Job Min.		Per Job Min.
Per Square Foot	\$ 738.40	Per Sq. Ft.
H. Infrared Moisture Survey (Mobilization of Equipment)		
Per Job Min.		Per Job Min.
Per Square Feet	\$ 821.60	Per Sq. Ft.
I. Asbestos Testing		
Per Square Feet	\$ 0.27	Per Sq. Ft.
Per Sample	\$ 65.62	Per Sample

Prepared by:
Miami-Dade County Professional Services Department
February 2012

MIAMI-DADE COUNTY

PROFESSIONAL SERVICES AGREEMENT TO PROVIDE

"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2016

Contract No. E12-PWMM-02		Unit Price	Unit
J. Nuclear Moisture Testing			
Per Job Min.	\$ 780.00		Per Job, Min
Per Square Feet	\$ 0.22		Per Sq. Ft.
K. Impedence Moisture Survey (Machine) (Max. 3 cores)			
Per Job Min.	\$ 821.60		Per Job, Min
Per Square Feet (Additional Sq. Ft. Survey)	\$ 0.27		Per Sq. Ft.
L. Bonded Pull Test	\$ 208.00		Per Test
M. Fastener Pull Test (First 10,000 Sq. Ft. Per Deck) (10 Tests)	\$ 821.60		Per Test
Per New Roof (Core Sample)	\$ 52.00		Per Test
Existing Roof (Core Sample)	\$ 62.40		Per Test
N. Bell Chamber Test (Max. 2 Tests / Any Additional Test \$300.00)	\$ 780.00		Per Test
O. Tide Uplift Test (IAS 106)			
Per Square Feet (2,500 Sq. Ft.)	\$ 260.00		Per Sq. Ft.
Additional per Square	\$ 20.80		Per Sq. Ft.
N. Engineer's Report	\$ 124.08		Per Hour
22. MAINTENANCE OF TRAFFIC			
To be negotiated by Issuing Department if Required due to the Location of the Work to be Performed. Laboratory shall present proof of man hours and equipment used to provide the "Maintenance of Traffic".			

Exhibit "E"
Truth-In-Negotiation Certificate

Pursuant to A.O. 3-39 and Florida Statutes Chapter 287.055 5(a): For all lump sum costs or costs plus a fixed fee contract in which a fee will exceed One Hundred Fifty Thousand Dollars (\$150,000; 287.017 – category four), the County will require the firm receiving the award to execute a Truth-In-Negotiation Certificate as required by Chapter 287, Florida Statutes.

This sworn statement is submitted for:

PROJECT TITLE: DESIGN OF UPGRADES FOR WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS

PROJECT NUMBER: E13-WASD-10

Before me the undersigned authority appeared Antonio Acosta (Print Name), who is personally known to me or who has provided as identification and who (did or did not) take an oath, and who certifies that the wage, rates, and costs used to determine the compensation provided for in this Agreement are accurate, complete and current as of the date of this Agreement.

(Signature of Authorized Representative)

Title President

Date 11.18.14

STATE OF: Florida
COUNTY OF: Miami Dade

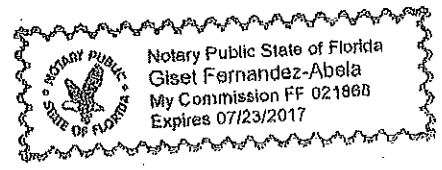
The above certifications/verifications were acknowledged before me this 18th day of November, 2014.

by Antonio Acosta
(Authorized Representative)
of A & P Consulting Transportation Engineer
(Name of Corporation, Partnership, etc.)

who is personally known to me or has produced as _____ identification and who did/did not take an oath.
(Signature of Notary)

Gisela Fernandez-Abela
(Print Name)

Notary Stamp or Seal:



Notary Commission Number: FF021888
My Commission Expires: 07/23/2017

Contractor Due Diligence Affidavit

For Miami-Dade County Board of County Commissioners (Board) Resolution No. R-63-14, County Vendors and Contractors shall disclose the following a condition of award for any contract that exceeds one million dollars (\$1,000,000) or that otherwise must be presented to the Board for approval:

- (1) Provide a list of all lawsuits in the five (5) years prior to bid or proposal submittal that have been filed against the firm, its directors, partners, principals and/or board members based on a breach of contract by the firm; include the case name, number and disposition;
(2) Provide a list of any instances in the five (5) years prior to bid or proposal submittal where the firm has defaulted; include a brief description of the circumstances;
(3) Provide a list of any instances in the five (5) years prior to bid or proposal submittal where the firm has been debarred or received a formal notice of non-compliance or non-performance, such as a notice to cure or a suspension from participating or bidding for contracts, whether related to Miami-Dade County or not.

All of the above information shall be attached to the executed affidavit and submitted to the Procurement Contracting Officer (PCO)/ AE Selection Coordinator overseeing this solicitation. The Vendor/Contractor attests to providing all of the above information, if applicable, to the PCO.

Contract No. : _____ Federal Employer Identification Number (FEIN): _____

Contract Title: _____

Antonio Acosta President Signature of Affiant
Printed Name of Affiant Printed Title of Affiant
A+P Consulting Transportation Engineers Date
11-18-14
Name of Firm
2305 N.W. 41st St, Suite 115 Doral, Florida 33178
Address of Firm State Zip Code

Notary Public Information

Notary Public - State of Florida County of Miami-Dade

Subscribed and sworn to (or affirmed) before me this 18th day of November 20 14

Antonio Acosta He or she is personally known to me or has produced identification

Type of identification produced _____

Signature of Notary Public

Cisela Fernandez Abela 7/23/2017
Print or Stamp of Notary Public Expiration Date

FF 021268
Serial Number
Notary Public State of Florida
Cisela Fernandez Abela
My Commission FF 021868
Expires 07/23/2017 Seal



Department of Procurement Management
Affirmation of Vendor Affidavits

ATTACHMENT 1

In accordance with Ordinance 07-143 amending Section 2-8.1 of the Code of Miami-Dade County, effective June 1, 2008, vendors are required to complete a new Vendor Registration Package, including a Uniform Affidavit Packet (Vendor Affidavits Form), before being awarded a new contract. The undersigned affirms that the Vendor Affidavits Form submitted with the Vendor Registration Package is current, complete and accurate for each affidavit listed below.

Federal Employer
Identification Number (FEIN): _____

Contract Title: _____

Affidavits and Legislation/ Governing Body

1. Miami-Dade County Ownership Disclosure Sec. 2-8.1 of the County Code	6. Miami-Dade County Vendor Obligation to County Section 2-8.1 of the County Code
2. Miami-Dade County Employment Disclosure County Ordinance No. 90-133, amending Section 2-8-1(d)(2) of the County Code	7. Miami-Dade County Code of Business Ethics Article 1, Section 2-8.1(f) and 2-11(b)(1) of the County Code through (6) and (9) of the County Code and County Ordinance No 00-1 amending Section 2-11.1(c) of the County Code
3. Miami-Dade County Employment Drug-free Workplace Certification Section 2-8.1.2(b) of the County Code	8. Miami-Dade County Family Leave Article V of Chapter 11 of the County Code
4. Miami-Dade County Disability Non-Discrimination Article 1, Section 2-8.1.5 Resolution R182-00 amending R-385-95	9. Miami-Dade County Living Wage Section 2-8.9 of the County Code
5. Miami-Dade County Debarment Disclosure Section 10.38 of the County Code	10. Miami-Dade County Domestic Leave and Reporting Article 8, Section 11A-60 11A-67 of the County Code

The following certifications pertain to Architectural/Engineering Services:

11. Required Listing of Subcontractors and Suppliers on County Contracts Certification Section 10-34 of the County Code	12. Fair Subcontracting Policies Certification Section 2-8.8 of the County Code
13. False Claims Ordinance County Ordinance No. 99-152	

Antonio Acosta
Printed Name of Affiant

President
Printed Title of Affiant

[Signature]
Signature of Affiant

ArP Consulting Transportation Engineers
Name of Firm

11.18.14
Date

10305 N.W. 41st St, Suite 115 Doral, Florida
Address of Firm State

33178
Zip Code

Notary Public Information

Notary Public - State of Florida County of Miami-Dade

Subscribed and sworn to (or affirmed) before me this 18th day of November 20 14

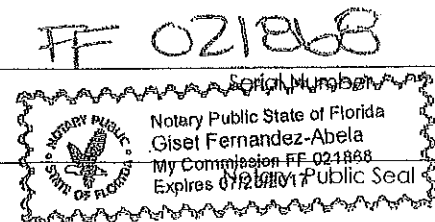
by Antonio Acosta or she is personally known to me or has produced identification

Type of Identification produced _____

[Signature]
Signature of Notary Public

Giset Fernandez-Abela
Print or Stamp of Notary Public

11/30/17
Expiration Date



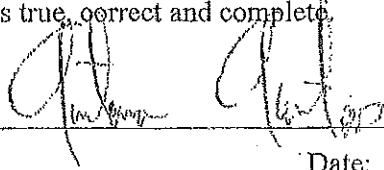


ATTACHMENT A
MIAMI-DADE COUNTY – INTERNAL SERVICES DEPARTMENT (ISD)
ISD FORM NO. 9 – Fair Subcontracting Policies
(Section 2-8.8 of the Miami-Dade County Code)

FAIR SUBCONTRACTING PRACTICES

In compliance with Section 2-8.8 of the Miami-Dade County Code, the Proposer submits the following detailed statement of its policies and procedures for awarding subcontracts:

I hereby certify that the foregoing information is true, correct and complete.

Signature of Authorized Representative: 
 Title: President Date: 11.18.14
 Proposer's Name: Antonio Acosta

ISD Form 7 - SUBCONTRACTOR/SUPPLIER LISTING

(Miami-Dade County Code Sections 2-8.1, 2-8.8 and 10-34)

Firm Name of Prime Contractor/Respondent **A&P Consulting Transportation Engineers, Corp.** FEIN # **65-0770583**
 Project/Contract Number **E13-WASD-10**

In accordance with Sections 2-8.1, 2-8.8 and 10.34 of the Miami-Dade County Code, this form must be submitted as a condition of award by all bidders/respondents on County contracts for purchase of supplies, materials or services, including professional services which involve expenditures of \$100,000 or more, and all bidders/respondents on County or Public Health Trust construction contracts which involve expenditures of \$100,000 or more. The bidder/respondent who is awarded this bid/contract shall not change or substitute first tier subcontractors or direct suppliers or the portions of the contract work to be performed or materials to be supplied from those identified, except upon written approval of the County. The bidder/respondent should enter the word "NONE" under the appropriate heading of this form if no subcontractors or suppliers will be used on the contract and sign the form below.

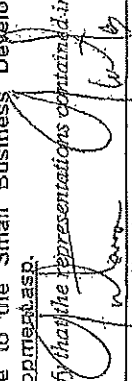
In accordance with Ordinance No. 11-90, an entity contracting with the County shall report the race, gender and ethnic origin of all first tier subcontractors/suppliers. In the event that the successful bidder demonstrates to the County prior to award that the race, gender, and ethnic information is not reasonably available at that time, the successful bidder shall be obligated to exercise diligent efforts to obtain that information and provide the same to the County not later than ten (10) days after it becomes available and, in any event, prior to final payment under the contract.

(Please duplicate this form if additional space is needed.)

Business Name and Address of First Tier Subcontractor/ Sub-consultant	Principal Owner	Principal Owner (Enter the number of male and female owners by race/ethnicity)		Employee(s) (Enter the number of male and female employees and the number of employees by race/ethnicity)														
		Gender	Race/Ethnicity	Gender	Race/Ethnicity	Race/Ethnicity					Race/Ethnicity							
						White	Black	Hispanic	Asian/Pacific Islander	Native American/Alaskan	Other	White	Black	Hispanic	Asian/Pacific Islander	Native American/Alaskan	Other	
Nadic Engineering	Godwin N. Nnadi, Ph.D., P.E.	1	0	2	0	0	0	0	0	0	0	7	3	1	4	1	0	0
Media Relations Group, LLC	Alicia Gonzalez	1	1	0	2	0	0	0	0	0	0	2	13	3	2	9	0	0
Longitude Surveyors	Eduardo Suarez, PSM	1	0	0	1	0	0	0	0	0	0	18	2	3	2	15	0	0
Business Name and Address of First Tier Direct Supplier	Principal Owner	Principal-Owner (Enter the number of male and female owners by race/ethnicity)		Employee(s) (Enter the number of male and female employees and the number of employees by race/ethnicity)														
		Gender	Race/Ethnicity	Gender	Race/Ethnicity	Race/Ethnicity					Race/Ethnicity							
						White	Black	Hispanic	Asian/Pacific Islander	Native American/Alaskan	Other	White	Black	Hispanic	Asian/Pacific Islander	Native American/Alaskan	Other	
		M	F	M	F	Other												

Mark here if race, gender and ethnicity information is not available and will be provided at a later date. This data may be submitted to Contracting/User department or on-line to the Small Business Development Division of the Regulatory and Economic Resources Department at <http://new.miamidade.gov/business/business-development.asp>.

I certify that the representations contained in this Subcontractor/Supplier listing are to the best of my knowledge true and accurate.


 Signature of Bidder/Respondent **Antonio G. Acosta, P.E.** Print Name
 President Print Title
 11/24/2014 Date
 SUB 100 Rev. 6/12



FAIR SUBCONTRACTING PRACTICES

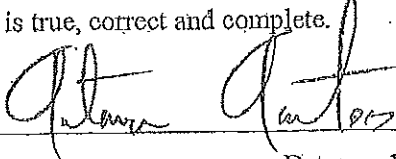
In compliance with Section 2-8.8 of the Miami-Dade County Code, the Proposer submits the following detailed statement of its policies and procedures for awarding subcontracts:

APCTE is a graduate of Miami-Dade County CBE Program. As a Graduate of the program, we encourage the use of CBE / DBE / Local sub-consultants as part of our teams. Our diversified pool of sub-consultants has always included several CBE/DBE/Local companies. For each project that we have applied to, we contact as many qualified sub-consultants as possible and invite them to be part of the team. The final decision of the Team composition is made base on project scope, previous experience working together, quality and availability of professional staff.

APCTE shall ensure that all subcontracts entered into its Subconsultant grant Miami-Dade Water and Sewer Department (M-D WASD) all of the rights and privileges of such subcontract, including but not limited to (so long as M-D WASD is not in default of its obligations under the general agreement) M-D WASD right to secure materials or services from the Subconsultant which might be a part of the Sub-consultant's work production.

APCTE's Subcontractor policies terms and conditions are outlined in the subcontractor agreement between both parties. The policies are essentially rules the subcontractor must follow during the project. These are created to protect the company and the employees who may be working with the subcontractor. The subcontractor agreement can include state and federal regulations that the subcontractor must follow to legally complete the job in the state of Florida. The federal regulations can include following the Occupational Safety and Health Administration, also known as the OSHA regulations, to keep all employees or workers safe in the workplace.

I hereby certify that the foregoing information is true, correct and complete.

Signature of Authorized Representative: 

Title: President Date: 11/24/14

Proposer's Name: A&P Consulting Transportation Engineers Corp