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CLERK OF THE BOARD
OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA

Memorandum

MIAMI-DADE COUNTY

Date: February 3, 2015

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

Agenda Item No. 8(O)(2)

From: Carlos A. Gimenez
County Mayor

Subject: Recommendation approving award of a Non-Exclusive Professional Services Agreement to King Engineering Associates, Inc. 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 of Upgrades for 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: 14KEAI002

Resolution No. R-115-15

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 King Engineering Associates, Inc. entitled "Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems", Project No. E13-WASD-10, Agreement No: 14KEAI002. 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. Additional delegation of authorities requested for this contract are as follows:
No additional Authority is being requested within the body of this contract.

Scope

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

PROJECT NO: E13-WASD-10

CONTRACT NO: 14KEAI002

PROJECT DESCRIPTION: King Engineering Associates, Inc. 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

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; 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 and 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 the following:

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
ISD A&E PROJECT NUMBER:	E13-WASD-10	
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: (I.O NO. 8-8)
Does the project qualify for compliance with the Sustainable Buildings Ordinance?
No

CAPITAL BUDGET PROJECTS:

CAPITAL BUDGET PROJECT # - DESCRIPTION	RTA ESTIMATE
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:135Adopted 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 2014-2020	$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	$916,666.67
	$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

	TYPE	PERCENT	AMOUNT	COMMENT
CONTINGENCY ALLOWANCE (SECTION 2-8.1 MIAMI DADE COUNTY CODE):	PSA	10%	$500,000.00	
TOTAL DEDICATED ALLOWANCE:	$0.00			
TOTAL CONTRACT AMOUNT:	$5,500,000.00			

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

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, Inc.	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 on October 14, 2014 with King Engineering Associates, Inc.

The Negotiation Committee also approved a First Task Service Order

(attached as Exhibit A) for a total amount of $629,226.00 for a six month period.

Based on the Internal Services Department's CIIS database, King Engineering Associates, Inc. has five evaluations with an average 3.9 rating out of a possible total 4.0 points.

SUBMITTAL DATE:	5/19/2014
ESTIMATED NOTICE TO PROCEED:	12/30/14
PRIME CONSULTANT:	King Engineering Associates, Inc.
COMPANY PRINCIPAL:	Agustin Maristany, P.E.
COMPANY QUALIFIERS:	Agustin Maristany, P.E.
COMPANY EMAIL ADDRESS:	amaristany@kingengineering.com
COMPANY STREET ADDRESS:	
COMPANY CITY-STATE-ZIP:	8700 West Flagler Street, Suite 340 Miami, Florida 33174
YEARS IN BUSINESS:	37 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, King Engineering Associates, Inc. has been awarded ten contracts with Miami-Dade County with a total contract value of $5,255,555.55.
SUBCONSULTANTS:	Leiter, Perez & Associates, Inc.; URS Corporation Southern; Geosol, Inc.; Tierra South Florida, Inc.; Miller, Legg & Associates, Inc.; Ross Engineering, Inc.; 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:	**TYPE GOAL** CBE 25.00%	**COMMENT** Per Administrative Order 3-32	
MANDATORY CLEARING HOUSE:	No		
CONTRACT MANAGER NAME / PHONE / EMAIL:	Patty David	786-552-8040	pattyd@miamidade.gov
PROJECT MANAGER NAME / PHONE / EMAIL:	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

12/4/14
DATE

APPROVED AS TO LEGAL SUFFICIENCY:

SARAH E. DAVIS
ASSISTANT COUNTY ATTORNEY

12/9/14
DATE

JACK OSTERHOLT
DEPUTY MAYOR

12/9/14
DATE

Exhibit A

MIAMI-DADE WATER AND SEWER DEPARTMENT
MDWASD

ISD Project No. E13-WASD-10

Agreement No. _____

48-inch Water Main Interconnect in the Central East Area (Downtown Miami)

Design Criteria Professional Scope of Work

October 14, 2014

Miami-Dade Water and Sewer Department (MDWASD)
3071 SW 38th Avenue
Miami, Florida 33133

MIAMI-DADE COUNTY
Delivering Excellence Every Day

Prepared By:

King
ENGINEERING ASSOCIATES, INC.

8600 NW 53rd Terrace
SUITE 201,
DORAL, FL 33166

Phone: (305) 392-9979

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MIAMI-DADE WATER AND SEWER DEPARTMENT

MDWASD

ISD Project No. E13-WASD-10

Agreement No. _____

48-inch Water Main Interconnect in the Central East Area (Downtown Miami)

DESIGN CRITERIA PROFESSIONAL SCOPE OF WORK

INTRODUCTION

The Miami-Dade Water and Sewer Department (MDWASD) is currently upgrading major elements of its water and wastewater infrastructure. One such element is MDWASD's potable water transmission and distribution system in the Central-East area north of Downtown Miami where a new water main is needed to interconnect the Hialeah/Preston (north) and Alexander Orr (south) water systems. The first phase of this project is to construct a 48-inch Water Main Interconnect from NW 17th Street to NW 6th Street, which will give MDWASD the ability to transfer large volumes of water between the north and south service areas. A second phase of the project includes a 36-inch main running from NW 1st Court to Biscayne Boulevard that will improve flows and pressures in the Central Business Area.

MDWASD has chosen the design-build approach to implementing the 48-inch Water Main Interconnect Project and has retained **King Engineering Associates, Inc. (King)** to provide Design Criteria Professional services under a non-exclusive professional services agreement number _____, dated _____.

King previously completed the Preliminary Alternative Water Main Route Analysis for the 48-Inch Water Main Interconnect in Downtown Miami under Project No. EDP 2011-D-R; Agreement No. EDP-WS-151 and provided alternative recommendations for a two phase implementation. The recommended alternative will the subject of this scope of work report and includes both phases of the work as outlined in the report: Phase 1, Option 2 and Phase 2, Option 2A.

DESCRIPTION OF SERVICES

King will provide Design Criteria Professional services in general accordance with MDWASD's Outline for Design-Build Pipeline Projects and as identified below:

Subtask	Description
100	Project Management and Coordination
200	Information Gathering and Review
300	Finalize Pipeline Route
400	Develop RDBS Volume 1 Package
500	Develop RDBS Volume 2 Package
600	Procurement Support, Advertisement Through Tier 1 Meeting
700	Procurement Support, After Tier 1 Meeting Through Tier 2
800	Procurement Support, After Tier 2 Meeting During Negotiations and Contract Award
900	Limited Assistance Throughout the Design Build Contract

100 PROJECT MANAGEMENT AND COORDINATION

King will provide project management services that include monitoring the project's scope, schedule and budget. A Monthly Status Report in letter format will be prepared and issued to MDWASD with the monthly invoice. The Monthly Status Report will provide the following information:

- Overall project status
- Work performed during the course of the month
- Estimated completion timeframe of tasks
- Current challenges/Issues

King will coordinate with MDWASD and our subconsultants at all times during the course of this assignment.

King will implement project management and quality assurance plans.

110 Deliverables:

- Project Management Plan
- Invoice Reports

200 INFORMATION GATHERING AND REVIEW

King will meet with MDWASD at the kick-off meeting to discuss the goals and objectives of the project and to collect, compile and analyze existing data provided by MDWASD.

MDWASD shall provide the following information:

- As-Builts for the existing water mains (24-Inch, 30-Inch, 36-Inch, and 48-Inch) at and around the locations of the interconnections with the proposed interconnecting water mains
- Sewer As-Builts
- GIS Overlays (Water)
- Atlas Sheets (Water)
- Signed and sealed survey of full route in accordance with MDWASD standards in both paper and electronic format
- Other applicable data and information

King will obtain the following information:

- Relevant City of Miami Area Utilities and R/W Maps
- Request an updated design ticket from Florida's One-Call

300 FINALIZE PIPELINE ROUTE

For this project, it was assume that the Preliminary Alternative Water Main Route Analysis, previously prepared by King in 2010, is essentially complete and will be used as the basis for going forward. The focus of the effort in this task is to update the previous work. The previously established route will be accepted as the final route and will be examined for new issues that may have arisen in the last four years.

King will meet with MDWASD to review the results of the "Preliminary Alternative Water Mains Analysis" previously prepared by King on October 2010 .

Items to be examined in the process of updating the previous report include:

- Overall project cost
- Project timing and overall contract duration
- Impacts to the public and traffic
- Land acquisition requirements
- Permitting requirements and impact
- Interconnection points with existing infrastructure
- Installation method(s) such as open cut and/or trenchless
- Utility impacts and required relocations
- Environmental impacts and possible mitigation
- Determine disposition of existing infrastructure, i.e. rehabilitated/repaired for redundancy, abandoned, placed out of service temporarily, etc.

King will prepare a draft Technical Memorandum, meet with MDWASD to review said Technical Memorandum, incorporate comments and submit a Final Technical Memorandum. The Technical Memorandum will serve as an addendum updating each of the sections of the previous report previously prepared by King in 2010.

310 Deliverables:

- Draft Technical Memorandum
- Final Technical Memorandum

400 DEVELOP RDBS VOLUME 1 PACKAGE

King will develop the Request for Design Build Services (RDBS) Volume 1 Package which, when finalized, reviewed and approved, will be ready for advertisement by the MDWASD. Development of the RDBS Volume 1 Package will generally include the following:

410 Assistance in preparing the RDBS Advertisement

420 Division 1 – General Requirements and Scope of Services

King will assist in preparing the Division 1 General Requirements and Scope of Service, including:

- Develop scope of services, including contract times
- Prepare project cost estimate
- Utilize standard MDWASD "boiler plate" for other General Requirements

430 Division 2 – Step 1, Evaluation of Qualifications

King will assist in preparing the criteria to be used in evaluation of the Step 1 Evaluation of Qualifications, including:

- Develop minimum experience and qualifications for Design-Builder Team including, utilizing standard MDWASD's request for qualification language for preferred project experience, past performance, industry and position experience for personnel, etc.
- Prepare the following qualifications documents, using typical MDWASD boilerplate where applicable:
  - Pre-Qualification requirements for A/E Design Team
  - Design-Builder's Licensing Requirements and A/E Technical Certification Requirements
  - Step 1 Schedule
  - Step 1 Format and Contents
  - Step 1 Submittal Requirements
  - Step 1 Evaluation Process

440 Division 3 – Step 2, Evaluation of Technical and Price Proposal

King will prepare the Evaluation of Technical and Price Proposals for Step 2 as

follows:

- Using typical MDWASD boilerplate where applicable, prepare Parts 3.1 through 3.9 and 3.11 through 3.13, inclusive.
- Develop the Step 2 Selection Criteria, including the following:
  Summary Narrative
  Design and Permitting Approach
  Construction Execution Approach
  Environmental Quality Management Approach
  Safety and Health Approach
  Operations and Maintenance Considerations
  Project Schedule Approach

450 Miscellaneous

King will provide assistance in:

- Preparing attachments applicable to the Procurement process, including required submittal Forms
- Coordination, as required with the MDWASD Project Manager, Intergovernmental Affairs and ISD

460 Deliverables:

- Draft RDBS Volume 1 Package
- Final RDBS Volume 1 Package

500 DEVELOP RDBS VOLUME 2 PACKAGE

King will develop the RDBS Volume 2 Package which, when finalized, reviewed and approved, will be ready to distribute immediately after the Tier 1 selection committee meeting. Development of the RDBS Volume 2 package will generally include, but is not limited to, the following:

- Section 1 – Project Scope Description
- Section 2 – Design Criteria & Performance Requirements
- Section 3 – Attachments & Exhibits, including:
  - Drawings depicting the Overall Project Concept including Aerial Base Maps
  - Topographic Survey: MDWASD to establish Network Control Points, Full Topography of ROW corridor and cross streets (100' from each PC), ROW limits, elevation soundings across waterways, etc.
  - Geotechnical Data Report (GDR)
  - Geotechnical Baseline Report (GBR)
  - Contamination assessment and review along entire route
  - Obtain long-lead regulatory Permits and identify all permit requirements
  - Coordinate with Utility agencies and request as-built information

- Address "Extra Ordinary" issues that need to be included in the Design Criteria Package such as land acquisition, legal descriptions and sketches, non-routine transportation/traffic items, etc.
- Develop Design Plans (30% completion level) showing: proposed horizontal pipe alignment and special details, superimposed survey information and boring locations, method and limits of pipe installation (ex. Open cut, micro-tunnel, HDD, etc.), underground utility information, proposed interconnections with existing infrastructure, identify pipe restraint limits, areas of contamination, and any areas along the route requiring "special treatment" resulting from possible utility conflicts/relocations, contamination, etc.
- Identify and include any other information that is pertinent to and may have an overall effect on the D/B contract

510 Topographic Survey

MDWASD has already undertaken a topographic survey of the proposed pipeline route. MDWASD will update the existing survey, incorporate existing utility information, and produce signed and sealed surveys in hard copy and electronic format in compliance with MDWASD's requirements, including centerline of streets, easements, recorded plat information, and invert elevations and diameters of sanitary and storm utilities.

520 Geotechnical Data Report (GDR)

King will subcontract with Geosol, Inc. to provide geotechnical services including performance of soil borings, slug percolation testing, laboratory testing, data evaluation, engineering analysis, and construction suggestions and considerations. The
findings will be presented in the Geotechnical Data Report (GDR). The geotechnical scope of work includes the following:

- The subsurface conditions for at the site will be explored by performing Standard Penetration Test (SPT) boring. A total of nineteen (19) SPT borings will be performed to depths of 15 feet below grades for the installation of the proposed water mains, approximately every 500 feet. Additionally, seven (7) SPT borings will be performed to depths of 50 feet below grades for the installation of the launching and receiving pits for the proposed jack and bore or micro-tunneling where the water main crosses the FEC railroad at NW 12th Street and north of NW 6th Street, and Biscayne Boulevard. The SPT borings will be performed in general conformance with ASTM D-1586.
- Also, six (6) Slug Percolation Tests will be performed at depths of 15 feet below grades to obtain permeability values of the subsurface soils. The Slug Percolation tests will be performed in general conformance with ASTM Standard Method D-4044-96 titled "Instantaneous Change in Head (Slug) Tests for Determining Hydraulic Properties of Aquifers" and Miami-Dade County Public Works Department (USGS-PWD Slug Test)

- Representative samples collected from the test borings will be visually reviewed and classified using the Unified Soil Classification System (USCS) in the laboratory by a Geotechnical Engineer in general accordance with the American Society of Testing and Materials (ASTM) test designation D-2488 and ASTM D-2487. Additionally, laboratory testing program will be required to confirm visual classifications of soil samples recovered from the field exploration program. The laboratory testing program will include the performance of grain-size analysis, percent passing the No. 200 sieve, natural moisture content, organic content and resistivity testing. All testing will be performed in accordance with applicable ASTM standards.
- Using the results of the field exploration, we will assess the geotechnical engineering impact of the subsurface conditions on the planned construction and provide recommendations for foundation design and related construction. A geotechnical engineering report of our findings and recommendations will be prepared and submitted at the conclusion of the study. The report will be prepared, signed and sealed by a professional engineer registered in the State of Florida. The report will specifically contain the following information:
    - A plan of the site showing the location of the test locations.
    - A brief review of our test procedures and the results of the testing conducted.
    - Estimated subsurface profiles as necessary to illustrate subsurface conditions including standard penetration resistance test data and groundwater levels.
    - Hydraulic conductivity (k) values of subsurface materials based on results of slug percolation testing.
    - A review of surface features and site conditions that could affect construction and site preparation.
    - General evaluation of the site considering the proposed project and estimated subsurface conditions.
    - Recommendations for site preparation and construction of compacted fills or backfills.
    - Results of laboratory testing.
    - Anticipation of groundwater levels and methods for handling it during construction.
    - Construction considerations.
    - Four (4) copies signed and sealed geotechnical-engineering reports.

530 Geotechnical Baseline Report (GBR)

King will subcontract with URS to assist with preparation of the Geotechnical Baseline Report for anticipated micro tunneling and ground behavior and installation requirements. URS will also provide final alignment recommendation, development of RDBS Volumes 1 and 2, procurement support, and limited assistance throughout the design-build project specific to the three potential Jack

& Bore and/or micro tunneling locations. Activities include input into final alignment recommendation, trenchless method evaluation, design criteria, specifications, cost estimates, easements, permits, utility conflicts, primary technical design, engineering analyses requirements, schedule, advertisement package, general project requirements, contractor qualifications, and proposal evaluation.

540 Contamination Assessment and Review Along Entire Route

King will subcontract with Geosol, Inc. to provide a preliminary environmental investigation including installation of shallow temporary monitoring wells and limited laboratory testing. The environmental investigation includes the following:

- As part of our scope of services, three (3) two (2)-inch diameter shallow temporary monitoring wells will be installed to depths of 15 feet below existing grades. The monitoring wells will be installed in general accordance with the American Society for Testing Materials (ASTM) test designation D 5092-90 titled "Standard Practice for Design and Installation of Groundwater Monitoring Wells in Aquifers".
- Following the installation of the temporary monitoring wells, the groundwater at each temporary monitoring well location will be tested with an organic vapor analyzer (OVA). Furthermore, water samples collected from the temporary shallow monitoring wells will be analyzed at the laboratory for volatile organic halocarbons using EPA Method 8260, TRPH using FL-PRO method, ammonia and metals, lead, aluminum and iron.
- A data report of our findings will be prepared and submitted at the conclusion of the study. The report will be prepared, signed and sealed by a professional engineer registered in the State of Florida. The report will specifically contain the following information:
    - A plan of the site showing the location of the test locations.
    - A brief review of our test procedures and the results of the testing conducted.
    - Monitoring wells construction logs.
    - Results of laboratory testing.
    - Contamination data report.

King will subcontract with URS to provide the corridor contamination assessment using available information as well as contamination assessment data obtained herein. Tasks will include the following:

- Review of past use based on readily available existing information and results of preliminary contamination assessment proposed herein
- Site reconnaissance
- Regulatory inquiry

- Contamination Assessment Report

550 Deliverables:

- Geotechnical Data Report
- Geotechnical Baseline Report
- Contamination Assessment Report
- Draft RDBS Volume 2 Package
- Final RDBS Volume 2 Package

600 PROCUREMENT SUPPORT, ADVERTISEMENT THROUGH TIER 1

King will provide procurement support to MDWASD from Advertisement through and including the TIER 1 Meeting, as follows:

- Coordinate and respond to questions and issue addenda as required
- Prepare for and attend a Pre-submittal project briefing
- Review, evaluate and prepare a minimum qualifications compliance matrix for all Step 1 Proposals received
- Prepare for and brief Selection Committee Members at the Tier 1 evaluation meeting
- Provide technical memorandum support to support recommendations of D/B firms advancing to Step 2

610 Deliverables:

- Written response to questions and addenda
- Agenda and minutes of Pre-submittal Project Briefing
- Step 1 Compliance Matrix
- Agenda and minutes of Tier 1 evaluation meeting
- Technical memorandum supporting recommendations of D/B firms advancing to Step 2

700 PROCUREMENT SUPPORT, AFTER TIER 1 THROUGH TIER 2

King will provide procurement support to MDWASD from after the Tier 1 Meeting through and including the Tier 2 Meeting, as follows:

- Coordinate and respond to questions and issue addenda as required
- Prepare for and attend a Pre-submittal project briefing
- Review, evaluate and prepare a minimum response compliance matrix for all Step 2 Proposals received from short-listed firms
- Review, evaluate and recommend acceptance to Selection Committee

Members of all Alternates submitted by D/B firms

- Prepare for and brief Selection Committee Members at the Tier 2 evaluation meeting
- Provide technical/memorandum supporting recommendation of a D/B firm for subsequent negotiations

710 Deliverables:

- Written response to questions and addenda
- Agenda and minutes of Pre-submittal Project Briefing
- Step 2 Compliance Matrix
- Written evaluation and recommendations for acceptance of Alternates
- Agenda and minutes of Tier 2 evaluation meeting
- Technical memorandum supporting recommendation of D/B firm for subsequent negotiation

800 PROCUREMENT SUPPORT, AFTER TIER 2 DURING NEGOTIATIONS AND CONTRACT AWARD

King will provide procurement support to MDWASD from after the Tier 2 Meeting through and including Negotiations and Contract Award, as follows:

- Schedule of Values, as applicable
- Attend up to 2 cost and contract duration negotiation meetings, as applicable
- Review and recommendation of contract terms, as applicable
- Assistance in contract award process

Deliverables:

- Schedule of values
- Meetings at and minutes of up to 2 contract negotiation sessions
- Protest support, if needed, will be provided on a time and material basis.

900 LIMITED ASSISTANCE THROUGHOUT THE DESIGN BUILD CONTRACT

King will provide limited assistance throughout the Design Build Contract period (through the MDWASD Project Manager) for compliance with the Design Build Contract documents. MDWASD will be responsible for managing the Design-Build contract.

- Attend Pre-construction meeting

- Attend periodic meetings (up to 5)
- Review Design Builder approved design drawings for conformance with Design Criteria and Contract Documents (up to 3)
- Review Design Builder approved construction submittals for conformance with Design Criteria and Contract Documents (up to 50)
- Provide technical and contract document interpretations (up to 10), including Request for Informations (RFI's).

Deliverables:

- Minutes of periodic site meetings
- Drawing and construction submittal reviews
- Minutes of field construction inspection meetings
- Written technical and contract document interpretations

COMPENSATION

The services described herein will be performed on a lump sum fee basis as per Contract "Article 11 – Compensation for Services" in the amount of $629,226.00. ODCs for this contract include direct expenses (mileage, travel, reproduction) and reimbursables expenses. A proposed schedule of fees is presented in Attachment A.

INVOICING

Invoicing will be as per Contract "Article 8 – Compensation for Services".

SCHEDULE

The project schedule will be completed as follows based on MDWASD's Notice to Proceed (NTP).

Subtask	Description	Weeks After NTP
200	Information Gathering and Review	6
300	Finalize Pipeline Route	18
400	Develop RDBS Volume 1 Package	24
500	Develop RDBS Volume 2 Package	52
510	MDWASD Delivers Topograqhic Survey	24
520	Geotechnical Data Report	26

530	Geotechnical Baseline Data Report	32
540	Contamination Assessment Report	34
600	Procurement Support, Advertisement Through Tier 1	TBD
700	Procurement Support, After Tier 1 Through Tier 2	TBD
800	Procurement Support, After Tier 2 During Negotiations and Contract Award	TBD
900	Limited Assistance Throughout the Design Build Contract	TBD

ASSUMPTIONS

The scope of work is based on the following assumptions:

- MDWASD to provide the following information:
  - As-Builts for the existing water mains (24-Inch, 30-Inch, 36-Inch and 48-Inch) at and around the locations of the interconnections with the proposed interconnecting water mains
  - GIS Layers (Water and Sewer)
  - Atlas Sheets (Water and Sewer)
- MDWASD will provide review comments within two (2) weeks of submittal.
- Water main sizing will be provided by MDWASD
- Neither a hydraulics analysis nor a surge analysis is required.
- Control valves are not required. Only isolation valves to be considered.
- Instrumentation is not required.
- Relative to the identification of potential easement or ROW acquisition needs, the scope does not anticipate any actual acquisition work including detailed surveys of ROW or boundaries, legal descriptions, title/deed searches, etc.
- Geotechnical exploration scope is preliminary and additional geotechnical data collection and testing may be required depending on the results of the geotechnical testing.
- Contamination assessment scope is preliminary and additional contamination assessment and testing may be required depending on the results of the preliminary testing.
- Given the highly urbanized nature of the current preferred route, no provisions were made in this scope of work for issues related to wetlands and protected species.
- King's review of proposals and completion of compliance matrix is intended to address compliance with minimum established response and qualifications requirements. The selection committee will be responsible for scoring proposers on each of the established selection criteria.
- The scope work excludes support during proposal/bid protests unless authorized as additional services.

- Construction management, site visits, and inspections are not part of the scope of work unless authorized as additional services.
- The level of effort budgeted for review of Design Builder construction submittals is limited to the work performed herein that is not covered by MDWASD's standard drawings and specifications. The construction manager will be responsible for addressing the majority of the Design Builder construction submittals, including shop drawings and RFI's related to MDWASD's standard drawings and specifications.
- Interpretations of technical and contract documents is limited to the work performed herein that is not covered by MDWASD's standard drawings and specifications. The construction manager will be responsible for addressing the majority of the Design Builder requests for interpretations.

Attachment "A"

ATTACHMENT A - Proposal for Engineering Services Labor Expenses - King Engineering Associates, Inc.

Position	Name & (Company)	Labor Multiplier	Hourly Rate	Task 100 Project Management		Task 200 Information Gathering & Review		Task 300 Finalize Route		Task 400 RDBS Vol 1 Package		Task 500 RDBS Vol 2 Package		Task 600 Advertisement Through Tier 1		Task 700 Procurement Support After Tier 1 Through Tier 2		Task 800 After Tier 2 During Negotiations & Award		Task 900 Limited Assistance Throughout DB Contract		Total Labor (Sum 3-5)	Raw Costs (7 X 2)	Multiplied Costs (1 x 8)
			$	Hrs	$	Hrs	$	Hrs	$	Hrs	$	Hrs	$	Hrs	$	Hrs	$	Hrs	$	Hrs	$	Hours	$	$
		[1]	[2]	[3]		[4]		[5]		[6]		[7]		[8]		[8]		[9]		[9]		[7]	[8]	[9]
Principal	Agustin Maldonado (King Engineering)	4	125	4	500	0	0	2	250	8	1,000	8	1,000	0	0	0	0	0	0	2	250	24.0	3,000	3,000
Senior PM	William Moriarty (King Engineering)	2.85	80.00	158	12,640	2	160	10.5	840	19.5	1,560	14	1,120	8	640	9	720	4	320	9	720	234.0	18,720	53,352
Senior PM	Christopher Kistler	2.85	75.00	80	6,000	0	0	7	525	16	1,200	24	1,800	6	450	3	900	6	450	34	1,800	171.0	12,825	36,551
Senior Engineer	Thomas Trainor (King Engineering)	2.85	55.49	54	2,998	4	222	24	1,332	86	4,772	160	8,878	40	2,220	40	2,220	24	1,332	80	4,439	512.0	28,411	80,971
Senior Engineer	John Sears	2.85	55.29	0	0	0	0	12	663	16	885	40	2,212	0	0	0	0	0	0	28		96.0	5,087	14,497
Engineer	Ben Turnage	2.85	47.28	64	3,026	12	567	0	0	57	2,695	116	5,570	0	0	0	0	0	0	0	0	251.0	11,857	33,622
Engineer	Jeff Elick	2.85	35.71	0	0	0	0	24	857	123	4,393	220	8,575	32	1,175	36	1,395	8	294	53	2,013	595.0	18,599	52,835
Engineer	Lee Truong	2.85	47.15	40	1,886	8	377	20	943	16	754	154	7,129	16	754	33	1,508	0	0	54	2,548	350.0	16,496	47,012
Engineer	Nelson Perez (King Engineering)	2.85	32.69	0	0	0	0	24	785	12	392	160	5,230	0	80	0	80	0	0	0	0	196.0	6,407	18,261
Engineer	Aaron Anderson (King Engineering)	2.85	34.04	0	0	0	0	0	0	0	0	160	5,446	0	112	0	112	0	0	0	0	160.0	3,846	10,963
Designer	Mark Gladbach	2.85	30.58	0	0	6	204	40	1,223	0	0	156	5,041	24	735	48	1,470	0	0	0	0	226.0	9,604	27,374
Designer	Frank Paul	2.85	25.77	0	0	0	0	0	0	0	0	240	6,185	0	0	0	0	0	0	0	0	240.0	6,185	17,627
Designer	Chonta Songanun	2.85	26.01	0	0	0	0	0	0	0	0	240	6,242	0	0	0	0	0	0	0	0	240.0	6,242	17,791
Clerical		2.85	21.05	50.5	1,063	0	0	6	126	20	421	102	2,147	7	147	7	147	3	63	52.43	1,104	247.9	5,219	14,874
			Subtotals	450.5	28,111	32	1,528	166.5	7,688	370.5	16,084	1618	65,687	133	6,384	182	8,594	45	2,459	303.43	13,171	3503.9	$152,448	$428,925

Summary of Direct Expenses

Units	No. of	$/Unit	Total
Mileage		$0.445/mile (for use of personal vehicle)	6,000
Travel			10,000
Printing/Reproduction			4,000
		Subtotal Direct Expense	20,000
Total Labor and Direct Expenses = $ 448,925.48		Labor and Direct Expense	448,925

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
Miscellaneous			20,000
		Subtotal of Permit Fees	
		Reimbursable Expense	20,000

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

Proposal Summary

Company	Discipline/Role		Total
King Engineering Associates, Inc.	Prime		448,925
Geosol, Inc.	Geotechnical Investigation		51,970
Geosol, Inc.	Contamination Testing		18,258
URS	Micro Tunneling		79,692
URS	Contamination Assessment Report		10,771
REIMBURSABLE EXPENSES (INCLUDING INCLUDING IG FEES)			20,000

Total of Labor, Direct Expenses, and Reimbursable Expenses = 629,226

MIAMI-DADE COUNTY

DBD DEPARTMENT OF BUSINESS DEVELOPMENT

Department of Small Business Development

A&E Firm History Report

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

FIRM NAME: KING ENGINEERING ASSOCIATES, INC.
8390 NW 53 St, Suite 200
Doral, FL 33166-0000

PRIMES

PROJECT #	CONTRACT	DEPT	MEASURES	AWARD DATE	AWARD AMOUNT
EDP-WS-138 CITY OF MIAMI SPRINGS SSES	1	WS	NO MEASURE	01/19/2010	$150,000.00
					$150,000.00
EDP-GS-SV-W100023 152 ST SURVEYS	1	GS	NO MEASURE	02/10/2010	$50,000.00
					$50,000.00
E09-PW-01 MISCELLANEOUS PROFESSIONAL SERVICES AGREEMENTS TO PROVIDE GENERAL LAND AND ENGINEERING SURVEYING SERVICES (SIC 871)	22	PW	NO MEASURE	03/02/2010	$555,555.55
					$555,555.55
EDP-WS-S-151 BASIS OF DESIGN REPORTS	1	WS	NO MEASURE	06/02/2010	$200,000.00
					$200,000.00
EDP-WS-SR-160 SMALL DIAMETER WATER MAINS EVALUATION AND ENHANCEMENTS	1	WS	NO MEASURE	06/17/2011	$200,000.00
					$200,000.00

28

* Indicates closed or expired contracts
Disclaimer: Payments shown may not reflect current information

DBDR0212_E

Wednesday, August 27, 2014

Ver: 1

MIAMI-DADE COUNTY

DBD DEPARTMENT OF BUSINESS DEVELOPMENT

Department of Small Business Development

A&E Firm History Report

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

FIRM NAME: KING ENGINEERING ASSOCIATES, INC.
8390 NW 53 St, Suite 200
Doral, FL 33166-0000

PRIMES

PROJECT #	CONTRACT	DEPT.	MEASURES	AWARD DATE	AWARD AMOUNT
EDP-WS-S-161	1	WS	NO MEASURE	12/29/2011	$200,000.00
WASTEWATER TRANSMISSION SYSTEMS					
					$200,000.00
EDP-WS-S-166	1	WS	NO MEASURE	03/29/2012	$200,000.00
WATER RECLAMATION PROJECTS AND MISC WASTEWATER TREATMENT PLANT PROCESS EVALUATIONS					
					$200,000.00
EDP-WS-SR-175	1	WS	NO MEASURE	12/06/2012	$200,000.00
SMALL DIAMETER WATER MAINS EVALUATION AND ENHANCEMENTS PH2					
					$200,000.00
EDP-WS-S-200	1	WS	NO MEASURE	05/30/2014	$200,000.00
PIPELINE IMPROVEMENTS					
					$200,000.00
E13-WASD-03	5	WS	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					
					$3,300,000.00

29

* Indicates closed or expired contracts
Disclaimer: Payments shown may not reflect current information

DBDR0212_E

Wednesday, August 27, 2014

Ver: 1

DBD
DEPARTMENT OF BUSINESS DEVELOPMENT

Department of Small Business Development

A&E Firm History Report

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

FIRM NAME: KING ENGINEERING ASSOCIATES, INC.
8390 NW 53 St, Suite 200
Doral, FL 33166-0000

PRIMES

PROJECT #	CONTRACT	DEPT	MEASURES	AWARD DATE	AWARD AMOUNT
			Total Award Amount		$5,255,555.55
			Total Change Orders Approved by BCC		$0.00

* Indicates closed or expired contracts
Disclaimer: Payments shown may not reflect current information

DBDR0212_E

Wednesday, August 27, 2014

Ver: 1

Exit

Capital Improvements Information System

Contractor Evaluations Report

Dept	Contract	Type	Contractor / Architect Name	Date	Rater	Period	Rate
ID	EDP-GS-SV-W100023	EDP	KING ENGINEERING ASSOCIATES, INC.	5/19/2010	Raquel Rosal	Completion of study or design	3.9
WS	EDP-WS-S-151	EDP	KING ENGINEERING ASSOCIATES, INC.	3/23/2011	Daniel Edwards	Completion of study or design	4.0
WS	EDP-WS-138	EDP	KING ENGINEERING ASSOCIATES, INC.	8/17/2011	Lourdes Delgado	Project conclusion or closeout	4.0
WS	EDP-WS-SR-160	EDP	KING ENGINEERING ASSOCIATES, INC.	1/31/2013	Daniel Mathews	Project conclusion or closeout	4.0
WS	EDP-WS-S-161	EDP	KING ENGINEERING ASSOCIATES, INC.	9/27/2013	Peter M Jelonek	Completion of study or design	3.8

Evaluation Count: 5 Contractors: 1 Average Evaluation: 3.9

Exit

Small Business Development Division

Project Worksheet

Project/Contract Title: DESIGN OF UPGRADES FOR WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS

Received Date: 01/29/2014

Project/Contract No: E13-WASD-10

Funding Source: VARIOUS

Department: WATER & SEWER DEPARTMENT

Resubmittal Date(s):

Estimated Cost of Project/Bid: $10,000,000.00

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. # 3-32, 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).

Technical Category: 0601-W & S Sewer Sys-Water Dist & Sanitary Sewage Coll; 0902-Geotechnical & Materials Engineering Services; 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 [X]

Responsible Wages: YES [ ] NO [X]

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.

DBDR0000 v.20130116

Small Business Development Division

Project Worksheet

Project/Contract Title: DESIGN OF UPGRADES FOR WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS

Received Date: 01/29/2014

Project/Contract No: E13-WASD-10

Funding Source: VARIOUS

Department: WATER & SEWER DEPARTMENT

Resubmittal Date(s):

Estimated Cost of Project/Bid: $10,000,000.00

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

2/19/14

Date

DBDR0000 v20130116

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	39,218	0	0	0	0	0	0	0	39,218
Future WASD Revenue Bonds	0	0	22,383	66,405	33,998	42,852	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	42,852	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	2,746	1,713	2,283	6,641	3,400	4,285	5,662	28,310	55,039
Construction	24,697	15,418	20,549	59,764	30,598	38,567	50,952	254,796	495,341
TOTAL EXPENDITURES:	27,442	17,131	22,832	66,405	33,998	42,852	56,614	283,106	550,380

CORROSION CONTROL FACILITIES IMPROVEMENTS PROJECT #: 9653301

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-gen units, and construction of sludge handling facilities

LOCATION: 8950 SW 232 St — District Located: 8

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	5,410	5,368	10,680	93,120	191,212	328,998
Construction	4,539	850	778	1,438	1,427	2,839	24,766	50,829	87,456
TOTAL EXPENDITURES:	21,613	4,048	3,706	6,848	6,795	13,519	117,884	242,041	416,454

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	50,994	9,197	7,000	7,000	7,000	7,000	7,000	0	103,191
Future WASD Revenue Bonds	0	0	608	608	608	3,527	0	0	5,351
WASD Revenue Bonds Sold	771	0	0	0	0	0	0	0	771
WASD Future Funding	0	0	0	0	0	0	0	5,165	5,165
TOTAL REVENUES:	59,765	9,197	7,608	7,608	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	1,684	1,120	826	18,314
Construction	47,643	10,286	6,391	6,391	6,391	8,843	5,880	4,339	96,164
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 #: 9653281

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	57,996	460	0	0	0	0	0	0	58,455
Future WASD Revenue Bonds	0	0	2,113	2,113	2,113	4,113	2,038	390,000	402,490
WASD Revenue Bonds Sold	10,515	0	0	0	0	0	0	0	10,515
TOTAL REVENUES:	68,510	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	42,900	51,858
Construction	58,043	2,741	1,881	1,881	1,881	3,661	1,814	347,100	419,602
TOTAL EXPENDITURES:	65,090	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	98,898	1,658	2,000	2,000	2,000	2,000	2,000	1,475,000	1,585,556
Future WASD Revenue Bonds	0	0	50,872	60,555	88,997	62,003	54,772	52,499	369,698
WASD Revenue Bonds Sold	44,559	0	0	0	0	0	0	0	44,559
TOTAL REVENUES:	143,457	1,658	52,872	62,555	90,997	64,003	56,772	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	31,855	25,516	7,133	8,132	11,830	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	26,958	54,872	62,555	90,997	64,003	56,772	1,527,499	1,999,813

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 WASD Revenue Bonds	0	0	14,401	14,796	42,029	68,182	62,956	71,237	273,601
TOTAL REVENUES:	0	0	14,401	14,796	42,029	68,182	62,956	71,237	273,601
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	0	0	1,440	1,480	4,203	6,818	6,296	7,124	27,361
Construction	0	0	12,961	13,316	37,826	61,364	56,660	64,113	246,240
TOTAL EXPENDITURES:	0	0	14,401	14,796	42,029	68,182	62,956	71,237	273,601

WASTEWATER COLLECTION AND TRANSMISSION LINES - CONSENT

PROJECT #: 968150

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	13,469	9,329	0	0	0	0	0	0	22,798
Wastewater Renewal Fund	2,621	537	189	0	0	0	0	0	3,347
Future WASD Revenue Bonds	0	0	78,175	104,102	36,557	25,786	10,100	75,074	329,794
WASD Revenue Bonds Sold	35,042	0	0	0	0	0	0	0	35,042
TOTAL REVENUES:	51,132	9,866	78,364	104,102	36,557	25,786	10,100	75,074	390,981
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	3,360	2,016	8,562	10,410	3,656	2,579	1,010	7,507	39,098
Construction	30,312	18,147	76,957	93,692	32,901	23,207	9,090	67,567	351,883
TOTAL EXPENDITURES:	33,680	20,163	85,519	104,102	36,557	25,786	10,100	75,074	390,981

WASTEWATER PIPES AND INFRASTRUCTURE PROJECTS

PROJECT #: 968750

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	4,700	0	53,927
WASD 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	4,700	0	55,507
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	3,763	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	4,700	0	55,507

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 WASD Revenue Bonds	0	0	608	608	608	3,527	0	0	5,351
WASD Revenue Bonds Sold	771	0	0	0	0	0	0	0	771
WASD Future Funding	0	0	0	0	0	0	0	5,165	5,165
TOTAL REVENUES:	59,765	9,197	7,608	7,608	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	1,684	1,120	826	18,314
Construction	47,643	10,286	6,391	6,391	6,391	8,843	5,880	4,339	96,164
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 #: 9653281

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	57,095	460	0	0	0	0	0	0	57,555
Future WASD Revenue Bonds	0	0	2,113	2,113	2,113	4,113	2,038	390,000	402,490
WASD Revenue Bonds Sold	10,515	0	0	0	0	0	0	0	10,515
TOTAL REVENUES:	68,510	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	42,900	51,858
Construction	58,643	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	98,898	1,658	2,000	2,000	2,000	2,000	2,000	1,476,000	1,585,556
Future WASD Revenue Bonds	0	0	50,872	60,555	88,997	62,003	54,772	52,499	369,698
WASD Revenue Bonds Sold	44,559	0	0	0	0	0	0	0	44,559
TOTAL REVENUES:	143,457	1,658	52,872	62,555	90,997	64,003	56,772	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	31,055	25,516	7,133	8,132	11,830	8,320	7,360	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	26,958	54,872	62,555	90,997	64,003	56,772	1,527,499	1,999,813

PROJECT #: 967090

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 — 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
BBC 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	39,000	44,000	36,000	0	119,000
TOTAL EXPENDITURES:	0	0	1,000	6,000	39,000	44,000	36,000	0	126,000

PROJECT #: 967190

WATER PIPES AND INFRASTRUCTURE PROJECTS

DESCRIPTION: Replace pipe and construct infrastructure repairs

LOCATION: Countywide — 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	45,024	0	6,037	6,202	5,548	4,874	4,180	0	72,065
WASD Revenue Bonds Sold	10,943	0	0	0	0	0	0	0	10,943
TOTAL REVENUES:	55,967	0	6,037	6,202	5,548	4,874	4,180	0	83,008
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	38,301	7,680	14,310	5,954	5,326	4,679	4,013	0	80,263
TOTAL EXPENDITURES:	39,898	8,000	14,906	6,202	5,548	4,874	4,180	0	83,608

PROJECT #: 987730

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

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

LOCATION: Various Sites — District Located: 6

Various Sites — District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
BBC GOB Financing	0	200	71	0	0	0	0	0	271
BBC GOB Series 2008B-1	559	0	0	0	0	0	0	0	559
BBC GOB Series 2011A	8	0	0	0	0	0	0	0	8
TOTAL REVENUES:	567	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	567	200	71	0	0	0	0	0	838
TOTAL EXPENDITURES:	567	200	71	0	0	0	0	0	838

WATER SYSTEM MAINTENANCE AND UPGRADES

PROJECT #: 9650101

DESCRIPTION: Maintain and develop existing water system facilities, structures, and equipment

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	107,401	20,547	21,163	21,798	22,453	23,126	23,820	162,500	402,808
WASD Revenue Bonds Sold	6,593	0	0	0	0	0	0	0	6,593
TOTAL REVENUES:	113,994	20,547	21,163	21,798	22,453	23,126	23,820	162,500	409,401
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	5,700	1,027	1,058	1,090	1,123	1,156	1,191	8,126	20,470
Construction	108,294	19,520	20,105	20,708	21,330	21,970	22,629	154,375	388,931
TOTAL EXPENDITURES:	113,994	20,547	21,163	21,798	22,453	23,126	23,820	162,500	409,401

GRAVITY SEWER RENOVATIONS

PROJECT #: 9650201

DESCRIPTION: Rehabilitate gravity sewers to reduce infiltration and inflow

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	15,073	0	0	0	0	0	0	0	15,073
Future WASD Revenue Bonds	0	0	1,903	2,000	2,458	3,000	0	0	9,361
WASD Revenue Bonds Sold	4,320	0	0	0	0	0	0	0	4,320
TOTAL REVENUES:	19,393	0	1,903	2,000	2,458	3,000	0	0	28,754
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Construction	18,278	1,115	1,903	2,000	2,458	3,000	0	0	28,754
TOTAL EXPENDITURES:	18,278	1,115	1,903	2,000	2,458	3,000	0	0	28,754

SANITARY SEWER SYSTEM IMPROVEMENTS

PROJECT #: 9650221

DESCRIPTION: Construct sanitary sewer system improvements using funds from the special construction fund including special taxing districts

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	2,689	0	0	0	0	0	0	0	2,689
Wastewater Special Construction Fund	6,431	300	400	500	500	500	500	0	9,131
TOTAL REVENUES:	9,120	300	400	500	500	500	500	0	11,820
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	365	12	16	20	20	20	20	0	473
Construction	8,755	288	384	480	480	480	480	0	11,347
TOTAL EXPENDITURES:	9,120	300	400	500	500	500	500	0	11,820

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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 Project Revenue

CDP Revenue:	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
Future WASD Revenue B	0	0	0	0	0	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 Constructi	0	0	0	0	0	0	0	0	0
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	16,473,000	0	0	0	0	0	16,473,000

CIIS Site Funding Info

SITE Location/Desc:	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
68523 - 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.

	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:	7	0	0	0	14,474,000	6,882,000	24,482,000	90,730,000	120,484,000	240,865,000	211,512,000	109,621,000	165,555,000		0	0	0	0	0	0	984,605,000.00
CIIS Proposed MS:	14	0	0	0	9,943,000	6,387,000	24,453,000	93,764,000	120,485,000	240,865,000	211,512,000	109,621,000	37,129,000	128,426,000	0	0	0	0	0	0	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	DB13-WASD-01	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	DB13-WASD-01	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	E09-WASD-01	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	E13-WASD-10	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$1,833,333.33	$0.00	$1,000,000.00
WS	E13-WASD-10	Design of Upgrades for Water Distribution and Sanitary Sewage	$0.00	$1,833,333.33	$1,000,000.00

		Collection and Transmission Systems			
WS	E13-WASD-10 (A)	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$0.00	$916,666.67	$5,500,000.00
WS	E13-WASD-10 (B)	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$0.00	$916,666.67	$5,500,000.00
WS	7360: P0054	PUMP STATION 348 ODOR CONTROL AND WET WELL CORROSION REHAB.	$409,770.00	$0.00	$0.00
WS	7360: P0054-R	PUMP STATION 348 ODOR CONTROL AND WET WELL CORROSION REHAB.	$418,570.00	$0.00	$869,519.94
WS	7360: P0077	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	S-758R	Conversion of Sewage Pump Station No. 418 to Booster Station	$6,100,000.00	$0.00	$0.00
WS	S-804 (A)	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	S-852	Proposed Master Pump Station No. 3	$21,000,610.00	$0.00	$21,976,500.00
WS	S-852	Proposed Master Pump Station No. 3	$0.00	$21,976,500.00	$21,976,500.00
WS	7040: T1742	HVAC Improvement at Effluent Pump Station S-0750	$400,000.00	$0.00	Cancelled
WS	7040: T1742R	HVAC Improvement at Effluent Pump Station S-0750	$400,000.00	$0.00	$473,000.00
WS	7040: T1795	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)

Dept	Site NO	ContractNo	Award Allocation
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	T1742R	$400,000.00
		Total Allocated:	$60,395,095.65

Search for Site Number
Search for Budget Project Number

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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 Project Revenue

CDP Revenue:	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
EPA Grant	0	0	0	0	0	0	0	0	0
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	3,845,000	100,000	0	0	0	18,054,000

CIIS Site Funding Info

SITE Location/Desc:	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
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.

	Reps:	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:	6	0	0	0	30,220,000	12,762,000	5,668,000	2,589,000	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 4

EXIT

Current Contracts for Project 9653281

Dept	ContractNo	Contract Name	RTA / MCC Estimated Allocation	Award / MCC Award Allocation	CIIS Award
WS	E05-WASD-12, GOB	Perrine-Cutler Ridge Water and Sewer Improvements	$0.00	$880,000.00	$1,760,000.00
WS	E05-WASD-12, GOB	Perrine-Cutler Ridge Water and Sewer Improvements	$880,000.00	$0.00	$1,760,000.00
WS	E05-WASD-13, GOB	NW 37th Avenue Water and Sewer Improvements	$825,000.00	$0.00	$1,650,000.00
WS	E05-WASD-13, GOB	NW 37th Avenue Water and Sewer Improvements	$0.00	$825,000.00	$1,650,000.00
WS	E05-WASD-14, GOB	Miami Gardens Sanitary Sewage Force Main	Cancelled	Cancelled	Cancelled
WS	E05-WASD-14, GOB	Miami Gardens Sanitary Sewage Force Main	Cancelled	Cancelled	Cancelled
WS	E06-WASD-09	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	E06-WASD-09	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	E06-WASD-16	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	E06-WASD-16	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	E13-WASD-10	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$1,833,333.33	$0.00	$1,000,000.00
WS	E13-WASD-10	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$0.00	$1,833,333.33	$1,000,000.00
WS	E13-WASD-10 (A)	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$0.00	$916,666.67	$5,500,000.00
WS	E13-WASD-10 (B)	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$0.00	$916,666.67	$5,500,000.00
WS	7360: P0061	STATE ROAD 826 (PALMETTO EXPRESSWAY) SR-826/836 INTERCHANGE 36	$130,614.00	$0.00	$232,474.17
WS	7360: P0098	SEWER STRUCTURES CORROSION REHABILITATION	$540,000.00	$0.00	$487,880.65
WS	7360: P0099	Emergency Installation of 30-Inch D.I Force Main by Pass in NW 57 Ave .	$87,077.97	$0.00	$139,483.10

WS	S-778	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	S-778	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	S-783	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	S-783	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	S-848	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	S-848	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: T1285	Relocate 12	$74,283.60	$0.00	Cancelled
WS	7040: T1387	SEWER STRUCTURES CORROSION REHABILITATION	$281,261.00	$0.00	Cancelled
WS	7040: T1401	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: T1427	FURNISH & INSTALL 24-INCH C905 PVC FORCE MAIN IN NW 35 AVE.	$575,967.48	$0.00	$519,980.14
WS	7040: T1488	FURNISH AND INSTALL 8-inch D.I. FORCE MAIN	$481,811.19	$0.00	$453,803.11
WS	7040: T1527	Proposed Abandonment and Rerouting of 48 and 36 Inch Force Main in NE 151 St.	$941,912.16	$0.00	$0.00
WS	7040: T1888	EMERGENCY LINE REPLACEMENT OF 8-INCH GRAVITY SEWER MAIN ALONG NW 114 AVE	$230,000.00	$0.00	$275,843.60
		Total Allocated:	$14,293,549.18	$10,969,866.67	

Current Contracts for Sites of Project 9653281

(Theses contracts are not necessarily funded from this project)

Award

Dept	Site NO	ContractNo		Allocation
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
WS	#68515	T1888		$230,000.00
			Total Allocated:	$2,723,925.89

Search for Site Number
Search for Budget Project Number

Department: Water and Sewer 11/20/2014 1:58:33 PM

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	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	0.00

PROJECT REPORT 4

EXIT

Current Contracts for Project 968750

Dept	ContractNo	Contract Name	RTA / MCC Estimated Allocation	Award / MCC Award Allocation	CIIS Award
WS	E12-WASD-02	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	E12-WASD-02	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	E13-WASD-10	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$1,833,333.33	$0.00	$1,000,000.00
WS	E13-WASD-10	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$0.00	$1,833,333.33	$1,000,000.00
WS	E13-WASD-10 (A)	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$0.00	$916,666.67	$5,500,000.00
WS	E13-WASD-10 (B)	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$0.00	$916,666.67	$5,500,000.00
WS	7040: T1755	Furnish & Install 8 Inch Sanitary Sewer Extension Along West of NE 20 Ave. Between NE 163rd & 163st.	$160,000.00	$0.00	Cancelled
WS	7040: T1811	FURNISH AND INSTALL 6	$557,863.00	$0.00	$775,281.75
WS	7040: T1912	Furnish and Install 6 inch 8 inch and 12 inch DI FM	$870,530.69	$0.00	$979,519.18
WS	7040: T1914	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)

Dept	Site NO	ContractNo	Award Allocation
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	T1914	$699,024.57
		Total Allocated:	$2,837,418.26

Search for Site Number

Search for Budget Project Number

Department: Water and Sewer

11/20/2014 1:58:42 PM

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

Project Title: 9653311-WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Project Desc: Install various water mains throughout the distribution system

CDP Project Revenue

CDP Revenue:	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
EPA Grant	0	0	0	0	0	0	0	0	0
Fire Hydrant Fund	0	0	0	0	0	0	0	0	0
Future WASD Revenue 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

CIIS Site Funding Info

SITE Location/Desc:	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
68517 - Various Locations	0	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.

	Reqs:	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:	9	0	0	0	39,072,000	7,257,000	14,608,000	28,820,000	25,792,000	20,344,000	18,085,000	32,274,000	53,224,000	0	0	0	0	0	0	0	239,476,000.00
CIIS Proposed MS:	16	0	0	0	31,049,000	15,280,000	14,608,000	28,820,000	25,792,000	20,344,000	18,085,000	32,274,000	53,224,000	0	0	0	0	0	0	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	20040275	Street Pavement Rehabilitation - Zone 1 (WASD)	$0.00	$555,000.00	$1,110,000.00
PW	20040275	Street Pavement Rehabilitation - Zone 1 (WASD)	$555,000.00	$0.00	$1,110,000.00
PW	20040276	Street Pavement Rehabilitation - Zone 2 (WASD)	$555,000.00	$0.00	$1,110,000.00
PW	20040276	Street Pavement Rehabilitation - Zone 2 (WASD)	$0.00	$555,000.00	$1,110,000.00
PW	20120152	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	20120152	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	DB13-WASD-04	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	E05-WASD-12, GOB	Perrine-Cutler Ridge Water and Sewer Improvements	$0.00	$880,000.00	$1,760,000.00
WS	E05-WASD-12, GOB	Perrine-Cutler Ridge Water and Sewer Improvements	$880,000.00	$0.00	$1,760,000.00
WS	E05-WASD-13, GOB	NW 37th Avenue Water and Sewer Improvements	$825,000.00	$0.00	$1,650,000.00
WS	E05-WASD-13, GOB	NW 37th Avenue Water and Sewer Improvements	$0.00	$825,000.00	$1,650,000.00
WS	E05-WASD-15, GOB	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	E05-WASD-15, GOB	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	E05-WASD-16, GOB	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	E05-WASD-16, GOB	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	E06-WASD-09	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	E06-WASD-09	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	E06-WASD-16	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	E06-WASD-16	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	E13-WASD-10	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$1,833,333.33	$0.00	$1,000,000.00
WS	E13-WASD-10	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$0.00	$1,833,333.33	$1,000,000.00
WS	E13-WASD-10 (A)	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$0.00	$916,666.67	$5,500,000.00
WS	Project No. DB13-WASD-03	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	S-848	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	S-848	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: T1120	GOB NC-27 B & C	$1,638,849.11	$0.00	$888,515.33
WS	7040: T1121	Needs Assessment Program project No. GOB NC-27A , 8 Inch Water Main Extension	$1,127,737.50	$0.00	$724,267.85
WS	7040: T1305	Meter Station @ Aventura Area	$99,281.40	$0.00	$91,071.37
WS	7040: T1444	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: T1552	Furnish and Instal;l 8 inch DI Water Main in North Venetian Drive	$412,410.00	$0.00	$371,424.27
WS	7040: T1556	COMPLETE ROOF REPLACEMENT AT THE MEDLEY WAREHOUSE	$350,000.00	$0.00	Cancelled
WS	7040: T1756	SMALL DIAMETER WATERMAIN REPLACEMENT PROGRAM PHASE 2	$210,000.00	$0.00	$317,639.20
WS	7040: T1759	Small Diameter Watermain Replacement Program Pilot 1	$110,000.00	$0.00	$181,624.30
WS	7040: T1773	Proposed 36 Inch D.I. Water Main.	$3,713,091.46	$0.00	Cancelled

WS	7040: T1790	EMERGENCY PIPELIEN INSTALLATION	$122,000.00	$0.00	$170,264.11
WS	7040: T1867	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	W-863	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	W-863	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	W-881	Needs Assesment Program Project No. UWMR-49A 12-Inch and 8-Inch Water Main Extension	$0.00	$801,501.09	$824,222.94
WS	W-881	Needs Assesment Program Project No. UWMR-49A 12-Inch and 8-Inch Water Main Extension	$840,000.00	$0.00	$824,222.94
		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)

Dept	Site NO	ContractNo	Award Allocation
WS	#68517	T1552	$412,410.00
WS	#68517	T1759	$110,000.00
WS	#68517	T1756	$210,000.00
WS	#68517	T1790	$122,000.00
WS	#68517	T1773	$3,712,091.46
WS	#68517	T1867	$1,563,609.00
		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

	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:	1	0	0	0	0	148,000	6,195,000	6,500,000	1,000,000	5,000,000	5,000,000	5,000,000	5,000,000	0	0	0	0	0	0	0	34,843,000.00
CIIS Proposed MS:	2	0	0	0	0	0	5,195,000	6,500,000	0	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 Estimated Allocation	Award / MCC Award Allocation	CIIS Award
WS	E12-WASD-03	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	E12-WASD-03	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	E13-WASD-10	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$1,833,333.33	$0.00	$1,000,000.00
WS	E13-WASD-10	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$0.00	$1,833,333.33	$1,000,000.00
WS	E13-WASD-10 (A)	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$0.00	$916,666.67	$5,500,000.00
WS	E13-WASD-10 (B)	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$0.00	$916,666.67	$5,500,000.00
WS	7360: P0064	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	7360: P0070	Emergency 48	$125,000.00	$0.00	$126,362.51
WS	7360: P0071	Emergency Repair on SW 107 Ave & SW 76 St	$80,000.00	$0.00	$75,047.46
WS	7360: P0072	Emergency Installation of 12 Access MH Structures on 54 & 48 Inches Water Main	$272,011.34	$0.00	$222,223.37
WS	7360: P0073	Emergency Fibrwrap @ SW 68 st and 102 ave	$330,000.00	$0.00	Cancelled
WS	7360: P0076	FURNISH AND INSTALL 2-72 INCH BUTTERFLY VALVES IN EXISTING	$481,212.75	$0.00	$805,963.99

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

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

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

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

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)

Dept	Site NO	ContractNo	Award Allocation
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
WS	#76621	P0151	$1,156,000.00
		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 Project Revenue

CDP Revenue:	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
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

CIIS Site Funding Info

SITE Location/Desc:	Prior:	10-11:	11-12:	12-13:	13-14:	14-15:	15-16:	FUTURE:	Total:
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.

	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:	1	0	0	0	13,771,000	19,254,000	26,508,000	11,755,000	11,755,000	11,755,000	11,755,000	11,755,000	11,755,000	0	0	0	0	0	0	0	130,063,000.00
CIIS Proposed MS:	1	0	0	0	13,771,000	19,254,000	26,508,000	11,755,000	11,755,000	11,755,000	11,755,000	11,755,000	11,755,000	0	0	0	0	0	0	0	130,063,000.00

CIIS Proposed Book Report

PROJECT REPORT 4

EXIT

Current Contracts for Project 9650181

Dept	ContractNo	Contract Name	RTA / MCC Estimated Allocation	Award / MCC Award Allocation	CIIS Award
WS	DB09-WASD-02	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	E07-WASD-09	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	E07-WASD-09	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	E10-WASD-01	Construction Management	$1,100,000.00	$0.00	$5,500,000.00

		Services for Government Cut Utility Relocation Projects			
WS	E10-WASD-01	Construction Management Services for Government Cut Utility Relocation Projects	$0.00	$1,100,000.00	$5,500,000.00
WS	E13-WASD-10	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$1,833,333.35	$0.00	$1,000,000.00
WS	E13-WASD-10	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$0.00	$1,833,333.35	$1,000,000.00
WS	E13-WASD-10 (A)	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$0.00	$916,666.67	$5,500,000.00
WS	E13-WASD-10 (B)	Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems	$0.00	$916,666.67	$5,500,000.00
WS	7360: P0052	Emergency Asbestos Clean Up at Alex Orr Water Plant.	$13,000.00	$0.00	$2,115.00
WS	7360: P0065	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: P0067	Perrine - Cutler Ridge Water and Sewer Improvements Water Main, Gravity Sewer and ForceMain	$31,183.21	$0.00	$2,423,949.55
WS	7040: T1206	CAROL CITY STORAGE TANK ROOF	$17,500.00	$0.00	$42,649.35
WS	7040: T1215	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: T1215	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: T1299	RIP-RAP HEADWALL	$7,000.00	$0.00	Cancelled
WS	7040: T1337	NWWF Compressor Install and Permit Finalization	$5,000.00	$0.00	$7,569.10
WS	7040: T1337	NWWF Compressor Install and Permit Finalization	$1,619.10	$0.00	$7,569.10
WS	7040: T1340	BATHROOM RENOVATIONS	$40,000.00	$0.00	$50,904.00
WS	7040: T1341	Emergency Concrete Cutting at Alex Orr Plant	$4,500.00	$0.00	$4,300.00
WS	7040: T1347	Gate Replacement at Pump Station No. 443	$1,200.00	$0.00	$1,350.00
WS	7040: T1349	Gate Replacement at Pump Station No. 859	$1,100.00	$0.00	$1,250.00
WS	7040: T1352	PAINTING OF THE EAST	$85,000.00	$0.00	$57,840.00

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

WS	7040: T1573	RE-ROOF OF MAINTENANCE BUILDING AT ALEX ORR	$35,000.00	$0.00	Cancelled
WS	7040: T1573-R	RE-ROOF OF ADMINISTRATION BUILDING AT ALEX ORR	$35,000.00	$0.00	$32,000.00
WS	7040: T1595	High Temp Insulation @ Alex Orr Kiln	$110,000.00	$0.00	$79,200.00
WS	7040: t1607	Pre-Engineered Buildings Enclosures West and Southwest Well Field	$400,000.00	$0.00	Cancelled
WS	7040: T1625	Installation of 12-Inch Water Main In NW South River Drive.	$377,028.13	$0.00	$246,412.24
WS	7040: T1627	Chemical Bldg # 2 Third Floor HVAC Improvements	$23,000.00	$0.00	$25,077.00
WS	7040: T1652	Inatallation 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: T1687	EMERGENCY ROOF REPAIRS AT HIALEAH MAINTENANCE SHOP	$120,000.00	$0.00	$120,237.66
WS	7040: T1687	EMERGENCY ROOF REPAIRS AT HIALEAH MAINTENANCE SHOP	$1,600.00	$0.00	$120,237.66
WS	7040: T1891	EMERGENCY GATE AND MEGA ARM REPAIR/REPLACEMENT	$25,000.00	$0.00	$24,900.00
WS	W-926	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	W-926	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	$0.00	$750,000.00	$250,000.00

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

Current Contracts for Sites of Project 9650181

(Theses contracts are not necessarily funded from this project)

Dept	Site NO	ContractNo	Award Allocation
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
WS	#68600	T1891		$25,000.00
			Total Allocated:	$19,403,086.40

Search for Site Number
Search for Budget Project Number

MIAMI DADE COUNTY
OFFICE OF CAPITAL IMPROVEMENTS

DOLLARS AWARDED & PAID TEAM REPORT

OCI Project Name: Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems
OCI Project No: E13-WASD-10
Measures: 25% CBE Goal
Number of Agreements: 1
Project Type: PROJECT SPECIFIC
Submittal Date: 05/19/2014

	Awarded Amount	Paid Amount
A & P CONSULTING TRANSPORTATION ENGINEERS CORP.		
A & P CONSULTING TRANSPORTATION ENGINEERS CORP.	825,000.00	922,816.76
BCC ENGINEERING, INC.	0.00	865,162.24
LONGITUDE SURVEYORS, LLC	0.00	0.00
NADIC ENGINEERING SERVICES INCORPORATED	0.00	38,494.12
300 ENGINEERING GROUP, P.A.	0.00	0.00
STANTEC CONSULTING SERVICES, INC.	196,420.00	97,657.74
Team Total:	$1,021,420.00	$1,924,130.86
A.D.A. ENGINEERING, INC.		
A.D.A. ENGINEERING, INC.	255,000.00	1,756,168.15
HADONNE CORP.	0.00	14,155.75
AMEC ENVIRONMENT & INFRASTRUCTURE, INC.	0.00	613,297.51
SRS ENGINEERING, INC.	0.00	153,847.03
Team Total:	$255,000.00	$2,537,468.44
BND ENGINEERS, INC.		
BND ENGINEERS, INC.	200,000.00	943,112.34
GEOSOL, INC.	0.00	1,288,701.13
F.R. ALEMAN AND ASSOCIATES, INC.	0.00	0.00
CDM SMITH, INC.	6,229,312.00	7,834,484.50
Team Total:	$6,429,312.00	$10,066,297.97
CES CONSULTANTS, INC.		

MIAMI DADE COUNTY
OFFICE OF CAPITAL IMPROVEMENTS

DOLLARS AWARDED & PAID TEAM REPORT

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

	Awarded Amount	Paid Amount
CES CONSULTANTS, INC.		
CES CONSULTANTS, INC.	0.00	1,594,765.34
WADE TRIM, INC.	0.00	0.00
MILLER, LEGG & ASSOCIATES, INC.	0.00	0.00
TERRACON CONSULTANTS, INC.	0.00	6,396.27
CB&I ENVIRONMENTAL & INFRASTRUCTURE, INC.	2,588,900.00	592,180.94
TETRA TECH, INC	0.00	310,085.02
Team Total:	$2,588,900.00	$2,503,427.57
CHEN MOORE AND ASSOCIATES		
CHEN MOORE AND ASSOCIATES	0.00	5,135.05
LONGITUDE SURVEYORS, LLC	0.00	0.00
ROBAYNA AND ASSOCIATES, INC.	6,545.00	219,624.76
PROFESSIONAL SERVICE INDUSTRIES, INC.	35,237.97	44,402.26
HDR ENGINEERING, INC.	400,000.00	1,206,746.34
JACOBS ENGINEERING GROUP, INC.	227,996.00	220,069.03
CHEROKEE ENTERPRISES, INC.	0.00	968,242.17
Team Total:	$669,778.97	$2,664,219.61
CRAIG A. SMITH & ASSOCIATES, INC.		
CRAIG A. SMITH & ASSOCIATES, INC.	0.00	0.00
ABSOLUTE CIVIL ENGINEERING SOLUTIONS LLC	0.00	0.00
IBI GROUP (FLORIDA) INC.	0.00	0.00
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, INC	83,500.00	99,870.39
EGSC ENGINEERING CONSULTANTS, INC.	140,000.00	0.00
Team Total:	$223,500.00	$99,870.39

MIAMI DADE COUNTY
OFFICE OF CAPITAL IMPROVEMENTS

DOLLARS AWARDED & PAID TEAM REPORT

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

	Awarded Amount	Paid Amount
EAC CONSULTING, INC.		
EAC CONSULTING, INC.	0.00	426,220.11
MANUEL G. VERA & ASSOCIATES, INC.	0.00	528,414.00
E SCIENCES, INCORPORATED	71,500.00	92,624.87
METCO SERVICES SOUTHEAST, LLC	400,000.00	50,619.00
CRAVEN, THOMPSON & ASSOCIATES, INC.	0.00	0.00
GANNETT FLEMING, INC.	310,131.59	43,528.50
OH2 CONSULTING LLC	0.00	0.00
HADONNE CORP.	0.00	14,155.75
GEOSOL, INC.	0.00	1,288,701.13
Team Total:	$781,631.59	$2,444,263.36
H.J. ROSS ASSOCIATES, INC.		
H.J. ROSS ASSOCIATES, INC.	5,051,903.50	1,613,040.19
NV5 , INC. DBA KACO	0.00	257,944.31
SRS ENGINEERING, INC.	0.00	153,847.03
NOVA CONSULTING, INC.	100,000.00	1,612,982.97
AVINO & ASSOCIATES, INC.	0.00	321,909.09
NIFAH AND PARTNERS CONSULTING ENGINEERS, INC.	0.00	629,830.97
Team Total:	$5,151,903.50	$4,589,554.56
KIMLEY-HORN AND ASSOCIATES, INC.		
KIMLEY-HORN AND ASSOCIATES, INC.	4,090,715.00	122,285.20
ROBAYNA AND ASSOCIATES, INC.	6,545.00	219,624.76
GEOSOL, INC.	0.00	1,288,701.13
TBE GROUP, INC. DBA CARDNO TBE	0.00	68,851.51

MIAMI DADE COUNTY
OFFICE OF CAPITAL IMPROVEMENTS

DOLLARS AWARDED & PAID TEAM REPORT

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

		Awarded Amount	Paid Amount
KIMLEY-HORN AND ASSOCIATES, INC.			
	Team Total:	$4,097,260.00	$1,699,462.60
KING ENGINEERING ASSOCIATES, INC.			
KING ENGINEERING ASSOCIATES, INC.		1,000,000.00	715,972.07
TIERRA SOUTH FLORIDA, INC		0.00	33,155.73
GEOSOL, INC.		0.00	1,288,701.13
MILLER, LEGG & ASSOCIATES, INC.		0.00	0.00
URS CORPORATION SOUTHERN		2,942,475.60	12,743,189.34
ROSS ENGINEERING, INC.		600,000.00	287,564.56
LEITER, PEREZ & ASSOCIATES, INC.		0.00	277,566.04
	Team Total:	$4,542,475.60	$15,346,148.87

MIAMI-DADE COUNTY

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.: 560885615

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

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 CORP. **FEIN No.:** 650770583
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

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.: 650519739

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		800203267
f. MANUEL G. VERA & ASSOCIATES, INC.		591741639
g. E SCIENCES, INCORPORATED		593667002
h. CRAVEN, THOMPSON & ASSOCIATES, INC.		590948029

MIAMI-DADE COUNTY

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.		421249917
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. LEITER, 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

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(O)(2)

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(O)(2)
2-3-15

RESOLUTION NO.: R-115-15

RESOLUTION APPROVING AWARD OF A NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT TO KING ENGINEERING ASSOCIATES, INC. 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. 14KEAI002; 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 King Engineering Associates, Inc. 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. 14KEAI002, 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 **Esteban L. Bovo, Jr.**, who moved its adoption. The motion was seconded by Commissioner **Audrey Edmonson** and upon being put to a vote, the vote was as follows:

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

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: ***Christopher Agrippa***
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency. SED

Sarah E. Davis

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:	King Engineering Associates, Inc.
FEIN:	59-1782900
Address:	8700 West Flagler Street, Suite 340 Miami, Florida 33174
Phone Number:	305-392-9979
Fax Number:	305-392-9912
E-mail Address:	amaristany@kingengineering.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
KING ENGINEERING ASSOCIATES, INC.

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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 KING ENGINEERING ASSOCIATES, INC., 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 ban 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: Agustin Maristany, P.E. and William Moriatry, 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: Leiter, Perez & Associates, Inc. (CBE); Miller, Legg & Associates, Inc. (CBE); URS Corporation Southern; Geosol, Inc. (CBE); Tierra South Florida, Inc. (CBE); Ross Engineering, Inc.(CBE); 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 Statues, 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.

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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:

King Engineering Associates, Inc.
(Corporate Seal)

By:_____
Signature

By:_____
Signature

Jim Orchard, Secretary
Print Name

Thomas McConnor, President
Print Name

STATE OF Florida
COUNTY OF Hillsborough

The foregoing instrument was acknowledged before me this 19th day of November 2014, by Thomas O'Connor, as President, and Jim Orchard, as Secretary, of King Engineering, 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.

_____
Notary Public

EE 869595
Serial Number

Alexandra Smith
Print Name

Approved for Legal Sufficiency:

_____
Assistant County Attorney

ALEXANDRA SMITH
Notary Public - State of Florida
My Comm. Expires Jan 29, 2017
Commission # EE 869595

Project No. E13-WASD-10
Agreement No. 14KEAI002

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 #7 Subcontracting/Supplier Listing
Attachment H	Contractor's Due Diligence Affidavit
Attachment I	Affirmation of Vendor Affidavits
Attachment J	ISD Form #10 Subcontractor Payment Report
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 3-5)	Raw Costs (7 X 2)	Multiplied Costs (1 x 6)
			$	Hrs	$	Hrs	$	Hrs	$	Hrs	$	Hrs	$	Hrs	$	Hrs	$	Hours	$	$
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
			0.00		$ -		$ -		$ -		$ -		$ -		$ -		$ -	0	$0.00	$0.00
			Sub-totals	0	$ -	0	$ -	0	$ -	0	$ -	0	$ -	0	$ -	0	$ -	0	$0.00	$0.00

Summary of Direct Expenses

Units	No. of	$/Unit	Total
Air Travel		Coach class - from to	
Lodging (by days)		See Attached "Maximum Daily Lodging Rates"	
Car Rental (by days)		$35.00/day	
Gas (for rental cars only)		$3.75/gallon	
Food			
Breakfast		$7.00 (when travel begins before 6 a.m. and extends beyond 8 a.m.)	
Lunch		$11.00 (when travel begins before 12 noon and extends beyond 2 p.m.)	
Dinner		$18.00 (when travel begins before 6 p.m. and extends beyond 8 p.m.)	
Mileage		$0.48529/mile (for use of personal vehicle)	
		Subtotal Direct Expense	$ -
Total Labor and Direct Expenses = $ -		$ - Labor, Direct Expense and I.G.	$ -

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

King
ENGINEERING ASSOCIATES, INC.

SERVICES

Civil Engineering
Environmental Engineering
Transportation Planning & Engineering
Pavement Management
Land Planning
Ecological Services
Surveying & Mapping
Construction Management
GIS Mapping
Landscape Architecture
(FL #LC26000183)

OFFICE LOCATIONS

FLORIDA
Jacksonville
Miami
Sarasota
Tampa

TEXAS
Austin
Dallas

8600 NW 53rd Terrace
Suite 201
Doral, FL 33166
phone 305.392.9979
fax 305.392.9912

www.kingengineering.com

October 7, 2014

Ms. Faith Samuels
Sr. A/E Consultant Selection Coordinator
Miami-Dade County
Internal Services Department
Stephen P. Clark Center
111 NW 1st Street, 13th Floor
Miami, Florida 33128

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

As a follow up to our first negotiation meeting, we have incorporated your comments and negotiated items into this updated letter containing the information previously requested.

Table of Organization and Unburdened Hourly Rates - Table 1 provides the names of the individuals proposed for this project, their position with each of the firms, category title, and current unburdened hourly rates for calendar year 2014.

Flat Rates for Principals – King accepts the County's burdened flat rate for Principal of $125/hr.

Maximum Rate of Compensation - The following table provides maximum proposed unburdened hourly compensation rates for category titles consistent with recent County contracts:

Maximum Unburdened Compensation Hourly Rates per Category	
Category Title	Unburdened Hourly Rate
Expert Engineer, Scientist	$80
Project Manager and Registered Technical Staff	$75
Non-Registered Technical Staff	$60
Administrative Support Staff	$45
Clerical Staff	$25

Proposed burdened maximum rate of compensation is $228/hr

Multipliers - King's has previously worked with the County's standard multipliers of 2.85 for office staff, 2.4 multiplier for staff based full-time in MDWASD's offices for more than 30 days, and 2.1 for field staff working full in the field for periods of over 30 days.

Draft Professional Service Agreement Comments - None

TABLE 1 – Table of Organization and Unburdened Hourly Rates for Calendar Year 2014				
NAME	POSITION	UNBURDENED HOURLY RATE	JOB RESPONSIBILITY	CATEGORY TITLE
King Engineering Associates, Inc.				
Thomas O'Connor, PE	Principal	$125.00	QA/QC Manager	Principal
Agustin Maristany, PE	Senior Project Manager	>$80.00	Project Director	Expert Engineer: Scientist
William Moriarty, PE, BCEE	Senior Project Manager	>$80.00	Project Manager	Expert Engineer: Scientist
Christopher Kuzier, PE	Senior Project Manager	>$80.00	Design Manager	Expert Engineer: Scientist
Thomas A. Traina, PE	Project Manager 12	$55.49	Engineering Design	Project Manager and Registered Technical Staff
John Seals, PE	Project Manager 12	$55.29	Maintenance of Traffic	Project Manager and Registered Technical Staff
Benjamin Turnage, PE	Project Manager 8	$47.28	Specifications	Project Manager and Registered Technical Staff
Loc Truong, PE	Project Manager 8	$47.13	I&C and Start-Up	Project Manager and Registered Technical Staff
J.David Greer, PSM	Land Surveyor 4	$38.46	Surveying	Project Manager and Registered Technical Staff
Jeff Elick	Engineer 7	$36.71	I&C and Start-Up	Non-registered Technical Staff
Nelson Perez-Jacome	Engineer 5	$32.69	Civil Engineer	Non-registered Technical Staff
Mariana Evora	Engineer 1	$24.03	Civil Engineer	Non-registered Technical Staff
Orlando Serrano	Field Coordinator 9	$35.96	Constructability	Non-registered Technical Staff
Mark Gladbach	Designer 7	$33.58	CADD	Non-registered Technical Staff
Patience Anastasio, PE	Engineer 5	$32.94	Civil Engineer	Project Manager and Registered Technical Staff
Doug Jennings	Field Coordinator 7	$30.48	Constructability	Non-registered Technical Staff
Calvin Hardie, PE	Project Manager 12	$30.29	Civil Engineer	Project Manager and Registered Technical Staff
Chanta Sengaroun	Designer 4	$26.01	CADD	Non-registered Technical Staff
Frank Paul	Designer 4	$25.77	CADD	Non-registered Technical Staff
Brett Meyer	Field Coordinator 4	$24.99	Constructability	Non-registered Technical Staff
Aaron Anderson	Engineer 1	$24.04	Civil Engineer	Non-registered Technical Staff
Christopher Hutton	Technician 5	$22.72	GIS	Non-registered Technical Staff
URS, Inc.				
John Bischoff, PE, GE	Senior Vice President	>$80.00	QA/QC	Expert Engineer: Scientist
Jeff Kishel	Vice President	>$80.00	QA/QC	Expert Engineer: Scientist
Joanne Roederer, PE	Project Manager	$54.20	Specifications	Project Manager and Registered Technical Staff
David Wilcox, PE	Manager – W/WW Department	$71.08	Engineering Design	Project Manager and Registered Technical Staff
Srinivasa Gadiparthi, PE	Senior W/WW Engineer	$44.56	Hydraulic Modeling	Project Manager and Registered Technical Staff
Mathew Francis, PE	Infrastructure Resilience Department Manager	$72.12	Geotechnical Engineering, Testing, Drilling, Seismographic	Project Manager and Registered Technical Staff
Michael Monaghan, PE Leed AP	Senior Project Engineer	$69.72	Geotechnical Engineering, Testing, Drilling, Seismographic	Project Manager and Registered Technical Staff
Keith Stannard	Senior Project Manager	$75.40	Permitting	Expert Engineer: Scientist

TABLE 1 – Table of Organization and Unburdened Hourly Rates for Calendar Year 2014				
NAME	POSITION	UNBURDENED HOURLY RATE	JOB RESPONSIBILITY	CATEGORY TITLE
Donald Champenois, PE	Senior Project Manager	$55.12	Pipe Rehabilitation	Project Manager and Registered Technical Staff
Joseph Kopec, PE	Project Engineer	$54.76	Pipe Rehabilitation	Project Manager and Registered Technical Staff
Cyprian Enahoro, PhD, PMP	Quality Assurance Manager	$60.00	Cathodic Protection	Project Manager and Registered Technical Staff
Media Relations Group, Inc.				
Alicia Gonzalez	Manager/Scientist	>$80.00	Public Information	Expert Engineer: Scientist
Leiter, Perez & Associates, Inc.				
George Perez, PE	Project Manager	$65.00	Design Manager	Project Manager and Registered Technical Staff
Martin Leiter, PE	Project Manager	$65.00	Engineering Design	Project Manager and Registered Technical Staff
Geoffrey Leiter, PE, PSM	Project Manager	$40.53	Surveying	Project Manager and Registered Technical Staff
Irene Perez	Design	$29.53	Permitting/Utility Coordination	Non-registered Technical Staff
Jose Montiel	Design	$26.63	CADD	Non-registered Technical Staff
Collie Smith	Surveying/Office	$25.76	Surveying	Non-registered Technical Staff
Thomas Benfante	Party Chief	$16.00	Surveying	Non-registered Technical Staff
Ralph Delva	Rod Person	$10.00	Surveying	Non-registered Technical Staff
Sloan Alfonso	Instrument	$13.00	Surveying	Non-registered Technical Staff
Thomas Ferguson	Party Chief	$18.00	Surveying	Non-registered Technical Staff
Geosol, Inc.				
Oracio Riccobono, PE	Senior Engineer	$56.49	Geotechnical Engineer	Project Manager and Registered Technical Staff
Adnan Ismail, PE	Project Engineer	$43.71	Geotechnical Engineer	Project Manager and Registered Technical Staff
Jose C. Gonzalez, EI	Engineering Intern	$28.85	Geotechnical Engineer	Non-registered Technical Staff
Juan Gonzalez	Senior Engineering Technician	$28.40	Geotechnical Technician	Non-registered Technical Staff
Roberland Morales	Engineering Technician	$27.86	Geotechnical Technician	Non-registered Technical Staff
Erik Zhang	CADD Technician	$25.75	CADD	Non-registered Technical Staff
Aurora Riccobono	Secretarial/Clerical	$35.30	Administrative Support	Administrative Support Staff
Tierra South Florida, Inc.				
Francois Thomas, P.E.	Project Manager	$53.65	Geotechnical	Project Manager and Registered Technical Staff
Kumar Vedula, P.E.	Senior Engineer	$51.86	Geotechnical	Project Manager and Registered Technical Staff
N. Manoharan, Ph.D.	Project Engineer	$45.67	Geotechnical	Non-registered Technical Staff
Jose Oliva	CAD Operator	$33.65	Geotechnical	Non-registered Technical Staff
Dominique Bennett	Secretary	$25.00	Geotechnical	Administrative Support Staff
Pedro Rosa	Technician	$25.00	Geotechnical	Non-registered Technical Staff

Ross Engineering, Inc.				
Robert Ross, PE	Senior Engineer	$50.00	Civil Engineering	Project Manager and Registered Technical Staff
Melissa Ross, MSCE	Project Manager	$40.00	Engineering Services	Non-registered Technical Staff
Daniel Lizarazo, EI	Design Engineer	$28.85	Modeling	Non-registered Technical Staff
Marcial Garcia	CADD Technician	$18.00	Civil Engineering	Non-registered Technical Staff

We hereby certify the unburdened current labor rates for King Engineering Associates, Inc. In addition, please refer to attachments from each firm certifying their respective current labor rates.

King welcomes the opportunity to continue our long standing working relationship with MDWASD. Please advise if you have any questions or require additional information.

Sincerely,

Thomas O'Connor, PE
President

Attachments

Media Relations Group, LLC

Alicia Ana Gonzalez
President

18001 Old Cutler Road, Suite 459
Palmetto Bay, Florida33157
Telephone 305 254 8598
Cellular 786 280 6645
Fax 305 256 1613
agonzalez@mrgmiami.com

October 3, 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.

Name	Position	Unburdened Hourly Rate	Job Responsibility	Category Title
Alicia Gonzalez	Manager/Scientist	>$80.00*	Public Information	Expert Engineer: Scientist

* Based on Salary Cap.

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

Respectfully,

Alicia Ana Gonzalez

Alicia Gonzalez
President
Media Relations Group, LLC

October 3, 2014
Date

GEOSOL, INC.

Miami-Dade Water & Sewer - Contract No.: E13-WASD-10

Design Services forDesign of Upgrades fpr Water Distributioon and Sanitary Sewage Collection & Transmission Systems

DATE PREPARED: August 19, 2014

EMPLOYEE CATEGORY & CERTIFIED WAGE RATES

(Table 1 - Table of Organizational and Unburdened Hourly Rates for Calendar Year 2014)

EMPLOYEE NAME	POSITION	UNBURDENED/RAW HOURLY RATE ($)	JOB RESPONSIBILITY	CATEGORY TITLE
Oracio Riccobono, P.E.	SENIOR ENGINEER	56.49	GEOTECHNICAL ENGINEER	Proj. Manager & Registereed Technical Staff
Adnan Ismail, P.E.	PROJECT ENGINEER	43.71	GEOTECHNICAL ENGINEER	Proj. Manager & Registereed Technical Staff
Juan C. Gonzalez, E.I.	ENGINEERING INTERN	28.85	GEOTECHNICAL ENGINEER	Non-Registereed Technical Staff
Jose Gonzalez	SENIOR ENGINEERING TECHNICIAN	28.40	GEOTECHNICAL TECHNICIAN	Non-Registereed Technical Staff
Roberland Morales	ENGINEERING TECHNICIAN	27.86	GEOTECHNICAL TECHNICIAN	Non-Registereed Technical Staff
Erik Zhang	CADD TECHNICIAN	25.75	CADD	Non-Registereed Technical Staff
Aurora Riccobono	SECRETARIAL/CLERICAL	35.30	CLERICAL	Administrative Support Staff

I CERTIFY THAT THE ABOVE UNBURDENED HOURLY RATES ARE CURRENT

RESPECTFULLY SUBMITTED BY
GEOSOL, INC.

ORACIO RICCOBONO, P.E.
PRESIDENT

Contract NO. E13-WASD-10
URS Inc. FEIN 59-2087895

Prepared 10/03/14

Table 1 - Table of Organization and Unburdened Hourly Rates for Calendar Year 2014

Name	Position	Unburdened Hourly Rate	Job Responsibility	Category Title
URS				
John Bischoff, PE, GE	Senior Vice President	>$80.00	QA/QC	Expert Engineer: Scientist
Jeff Kishel	Vice President	>$80.00	QA/QC	Expert Engineer: Scientist
Joanne Roederer, PE	Project Manager	$54.20	Specifications	Project Manager and Registered Technical Staff
David Wilcox, PE	Manager - Water/Wastewater Department	$71.08	Engineering Design	Project Manager and Registered Technical Staff
Srinivasa Gadiparthi, PE	Senior Water/Wastewater Engineer	$44.56	Hydraulic Modeling	Project Manager and Registered Technical Staff
Mathew Francis, PE	Infrastructure Resilience - Department Manager	$72.12	Geotechnical Engineering, Testing, Drilling, Seismographic	Project Manager and Registered Technical Staff
Michael Monaghan, PE Leed AP	Senior Project Engineer	$69.72	Geotechnical Engineering, Testing, Drilling, Seismographic	Project Manager and Registered Technical Staff
Keith Stannard	Senior Project Manager	$75.40	Permitting	Expert Engineer: Scientist
Donald Champenois, PE*	Senior Project Manager	$55.12	Pipe Rehabilitation	Project Manager and Registered Technical Staff
Joseph Kopec, PE*	Project Engineer	$54.76	Pipe Rehabilitation	Project Manager and Registered Technical Staff
Cyprian Enahoro, PhD, PMP	Quality Assurance Manager	$60.00	Cathodic Protection	Project Manager and Registered Technical Staff

Category Title	Raw rates
Expert Engineer: Scientist	$80
Project Manager and Registered Technical Staff	$75
Non-registered Technical Staff	$60
Administrative Support Staff	$45
Clerical Staff	$25

* Professional Engineer Not Registered in Florida

The rates listed in the table above are certified raw rates for these individuals as of the date of preparation, October 3, 2014. On behalf of URS Corporation, I attest to these raw rates. Staff denoted by an asterisk are registered professional engineers in a State other than Florida. The raw hourly rates for Mr. Bischoff and Jeff Kishel exceeds the maximum hourly rate of $80.00 as reported to the Internal Revenue Service (IRS).

Dan Levy, P.G.
Vice President

10/3/14
Date

October 6, 2014

King
Attn: Agustin Maristany, P.E.
8600 NW 53rd Terrace, Suite 201
Doral, FL 33166

Re: **Ross Engineering, Inc. Certified Payroll** for ISD Project No. E13-WASD-10, Design Services for the Implementation of a Pump Station Improvement Program (PSIP)

Dear Mr. Maristany, P.E.,

On behalf of Ross Engineering, Inc., I would like to certify that the rates listed below are current certified payroll for each employee:

Name	Position	Unburdened Hourly Rate	Job Responsibility	Category Title
Ross Engineering, Inc.				
Robert Ross, PE	Senior Engineer	$50.00	Civil Engineering	Project Manager and Registered Technical Staff
Melissa Ross, MSCE	Project Manager	$40.00	Engineering Services	Non-registered Technical Staff
Daniel Lizarazo, EI	Design Engineer	$28.85	Modeling	Non-registered Technical Staff
Marcial Garcia	CADD Technician	$18.00	Civil Engineering	Non-registered Technical Staff

We look forward to working together on this important Project.

Very Truly Yours,
Ross Engineering, Inc.

Melissa Ross, MSCE
Principal

MR/AEM

Ross Engineering, Inc
17670 NW 78th Ave, Suite 214 • Miami, FL 33015
Tel.: 786-468-8304 • Fax: 305-392-1019

tierra
SOUTH FLORIDA
GEOTECHNICAL ENGINEERING MATERIAL TESTING INSPECTION SERVICES

Table 1 - Table of Organization and Unburdened Hourly Rates for Calendar Year 2014

Name	Position	Unburdened Rate	Job Responsibility	Category Title
Tierra South Florida, Inc.				
Francois Thomas, P.E.	Project Manager	$53.65	Geotechnical	PM & Registered
Kumar Vedula, P.E.	S. Engineer	$51.86	Geotechnical	Sr. Engineer & Registered
N. Manoharan, Ph.D.	Project engineer	$45.67	Geotechnical	Non-registered Technical Staff
Jose Oliva	CAD Operator	$33.65	Geotechnical	Non-registered Technical Staff
Dominique Bennett	Secretary	$25.00	Geotechnical	Administrative Support Staff
Pedro Rosa	Technician	$25.00	Geotechnical	Non-registered Technical Staff

I certify that the rates listed above are the actual unburdened billing rates.

10/8/14

Raj Krishnasamy, P.E.
President

Leiter, Perez & Associates, Inc.

GEOFFREY LEITER, P.E., P.S.M.
GEORGE PEREZ, P.E.
MARTIN LEITER, P.E.

LAND DEVELOPMENT CONSULTANTS
ENVIRONMENTAL AND CIVIL ENGINEERS
LAND PLANNERS AND LAND SURVEYORS

SURVEYS
DESIGN
INSPECTION
PLANNING
STUDIES

August 22, 2014

Re: Design of Upgrades for Water Distribution and Sanitary Sewage Collection and Transmission Systems.
E13-WASD-10

To whom it may concern,

I, Geoffrey Leiter, President of Leiter, Perez & Associates, certify that the attached employee Payroll Rates of Leiter, Perez & Associates are true and correct.

Please contact us with any questions or concerns.

Sincerely,

Geoffrey Leiter, P.E., P.S.M., President

GOLDEN GLADES OFFICE PARK • 520 N.W. 165th STREET ROAD • SUITE 209 • MIAMI, FLORIDA 33169
DADE (305)652-5133 • BROWARD (954)524-2202 • FAX (305)652-0411
EMAIL: office@leiterperez.com • WEBSITE: http:\\www.leiterperez.com

Leiter, Perez & Associates, Inc.

Table 1 - Table of Organization and Unberdened Hourly Rate for Calendar Year 2014

Name Leiter Perez & Associates, Inc. (CBE)	*Position*	*Unburderned Hourly Cost (Hourly)*	*Job Responsibility*	*Category Title*
Alfonso, Sloan	Instrument Man	$13.00	Surveying	Non-registered Technical Staff
Benfante, Thomas	Surveying Party Chief	$16.00	Surveying	Non-registered Technical Staff
Delva, Ralph	Rod Person	$10.00	Surveying	Non-registered Technical Staff
Ferguson, Thomas	Surveying Party Chief	$18.00	Surveying	Non-registered Technical Staff
Leiter, Geoffrey	Project Manager	$40.53	Surveying	Project Manager and Registered Technical Staff
Leiter, Martin	Project Manager	$65.00	Engineering Desing	Project Manager and Registered Technical Staff
Montiel, Jose	CADD	$26.63	CADD	Non-registered Technical Staff
Perez, Irene	Design & Permitting	$29.53	Permitting/Utility Coordinator	Non-registered Technical Staff
Perez, George	Project Manager	$65.00	Design Manager	Project Manager and Registered Technical Staff
Smith, Collie	Surveying/Office	$25.76	Surveying	Non-registered Technical Staff

Category Title	Raw rates
Expert Engineer: Scientist	$80
Project Manager and Registered Technical Staff	$75
Non-registered Technical Staff	$60
Administrative Support Staff	$45
Clerical Staff	$25

I, Geoffrey Leiter, President of Leiter, Perez & Associates, certify that the attached employee Payroll Rates of Leiter, Perez & Associates are true and correct.

Geoffrey Leiter, P.E., P.S.M., President

Appendix "A" (1)

CONTRRACT E12-PWWM-01 Fee Schedule Category 15.01 (2013-2016 Fees)

General Land and Engineering Surveying (Non Airport)

1	Survey Crew (Party of Four)	$1,523.83	per 8-hour day in job site
2	Survey Crew (Party of Three)	$1,267.71	per 8-hour day in job site
3	Survey Crew (Party of Two)	$1,011.60	per 8-hour day in job site
4	Draftsperson	$85.73	per hour
5	Surveyor -Computer	$96.44	per hour
6	Principal-Surveyor	$159.00	per hour

Global Positioning Surveying (GPS) (Non Airport)

1	Survey Crew (Party of Four)	$1,864.60	per 8-hour day in job site
2	Survey Crew (Party of Three)	$1,608.49	per 8-hour day in job site
3	Survey Crew (Party of Two)	$1,467.04	per 8-hour day in job site

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

ATTCHMENT D

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

Contract No. E12-PWWM-02	Unit Price	Unit
1. GEOTECHNICAL SERVICES (9.01)		
A. Mobilization of Truck-Mounted Drill Rig. (If special access equipment required (i.e. ATV's, Off-Road or Marine Equipment) or restricted access See Item 8 of the "General Notes and Special Conditions" for Rates.)	$ 364.00	Up to 4 Percolations per Day or Up to 100 Ft. of Borings.
B. Borings Standard Penetration per ASTM D-1586:		
With or Without Casing:		
Penetration Depth 0' to 50'	$ 20.80	Per Foot
Penetration Depth 51' to 75'	$ 24.96	Per Foot
Penetration Depth 76' to 100'	$ 29.12	Per Foot
Penetration Depth 101' to 150'	$ 35.36	Per Foot
C. Auger Borings per ASTM D-1452 Penetration Depth:		
Penetration Depth 0' to 50'	$ 15.60	Per Foot
Penetration Depth 51' to 75'	$ 17.68	Per Foot
Penetration Depth 76' to 100'	$ 19.76	Per Foot
Penetration Depth 101' to 150'	$ 23.92	Per Foot
D. Rock Coring per ASTM D-2113 (Max. NX Size):		
Penetration Depth 0' to 50'	$ 35.02	Per Foot
Penetration Depth 51' to 75'	$ 41.60	Per Foot
Penetration Depth 76' to 100'	$ 48.88	Per Foot
Penetration Depth 101' to 150'	$ 55.12	Per Foot

Prepared by:
Miami-Dade County Procurement Department
February 2012

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

Contract No. E12-PWWM-02	Unit Price	Unit
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 Lineal 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	$ 34.24	Per Sample
N. Geotechnical Engineering Evaluation and Report of Existing Soil with Respect to Allowable Bearing Capacity.	$ 124.80	Per Hour

Prepared by:
Miami-Dade County Public Works Department
February 2013

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
"SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES" 2013-2015

Contract No. E12-PWWM-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)**	$ 340.00	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.)	$ 800.80	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

Prepared by:
Miami-Dade County Public Works Department
February 2013

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

Contract No. E12-PWWM-02	Unit Price	Unit
3. PRE-STRESS / PRE-CAST (9.02) (Includes Travel, Mileage, Delivery and Certified Reports).		
A. 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.)	$ 84.24	Per Hour
B. Pre-Stress (Inspection and Certified Report Included) (Stressing Operation and Inspection) per PCI MNL-116 (Min. 4 Hrs.)	$ 84.24	Per Hour
C. Reinforced Concrete Pipe and Pre-Fabricated Manhole Inspection (Types, Sizes, and Design) (Includes Inspection and Certified Report) (Min. 4 Hrs.)	$ 84.24	Per Hour
D. Absorption Test of Pre-Cast Units per ASTM C-497.	$ 54.08	Per Core
E. Three Edge Bearing Test per ASTM C-497.	$ 84.24	Per Hour
F. Hydrostatic Testing per ASTM C-497.	$ 84.24	Per Hour
G. Testing Concrete Cylinder per ASTM C-497. (Same Conditions Apply as Shown on 3A.1) (Does NOT Include Technician or Pick-Up).	$ 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.)	$ 84.24	Per Hour
4A.1 Splice of Piles as an Addition (per Occurrence) (with Prior Approval from Engineer) (Witness Splice).	$ 84.24	Per Hour
B. Vibro-Flotation Inspection (4 Hrs. Min.)	$ 84.24	Per Hour
C. Pile Load Test -Test Frame and Load Set-up Witnessed by Certified Inspector per ASTM D-1143 (Equipment / Loads Furnished by Contractor)	$ 84.24	Per Hour

Contract No. E12-PWWM-02		Unit Price	Unit
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.)	$ 89.44	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 11or More Tests), Per Trip	$ 30.16	Per Test
5A.3	Maximum / Minimum Relative Density Tests per ASTM D-4253 and 4254 (Field and Laboratory)	$ 171.60	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-PWWM-02		Unit Price	Unit
5A.5	Evening Density Testing (7:00 PM to 6:00 AM) (If Requested by Issuing Department Designee to be Performed in the Evening and to be Paid at the Min. 4 Hrs. Unlimited 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	$ 364.00	Per Test
D.	Carbonates on LBR Material (2 Tests per Trip)	$ 72.80	Per Test
E.	Laboratory California Bearing Ratio (CBR) per ASTM D-1883 (One Point)	$ 280.80	Per Test
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.)	$ 421.20	Per Test
G.	Moisture Content	$ 39.52	Per Test
H.	Organic Content		
5H.1	Limerock per AASHTO T-267 (by Incineration)	$ 52.00	Per Test
5H.2	Test of Soil Chemical Analysis [(1972) P.R. Hesse P. 211] (by Peroxide)	$ 72.80	Per Test
I.	Grain Size per AASHTO T-27 (Sieve Analysis Only)	$ 66.56	Per Test

Prepared by:
Miami-Dade County Public Works Department
February 2013

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

Contract No. E12-PWWM-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-3282 and D-2487 (AASHTO-Unified-FAA)	$ 99.84	Per Test
L. Los Angeles Abrasion on Rip-Rap per ASTM C-535 (Large Size Coarse Aggregate)	$ 249.60	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)	$ 80.08	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
W. Soil Load Bearing Test (Plate Load) (Reaction Load by Others)		
5W.1 Static Load on Footings per ASTM D-1194	$ 538.72	Per Test
5W.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-PWWM-02	Unit Price	Unit
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).	$ 119.60	Per Set
6C. 4 Air Voids per ASTM- 3203 (Set of 3 Specimen).	$ 116.48	Per Set

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
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Contract No. E12-PWWM-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-566.	$ 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-979.	$ 62.40	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.	$ 140.40	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

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
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Contract No. E12-PWWM-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. 6 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 - NICET III/P.E./FDOT III/Equivalent per ASTM D-3666 Asphalt Plant Facilities & Initial Plant Inspection, Quality Reviews, Design Mix/JMF Review, Technical Report/Meetings/Coordination Oversight/PWL /Reviews (Min. 2 Hrs.).	$ 130.00	Per Hour
B. P401 / 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 (Plant) (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.		
8A.1 Standard 6"x12" or 4"x 8" 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

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
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Contract No. E12-PWWM-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.	$ 41.20	Per Test
D.	Concrete Masonry Units per ASTM C-140 & C-551- Block/Brick per ASTM-140.		
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

Prepared by:
Miami-Dade County Public Works Department
February 2010

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

Contract No. E12-PWWM-02		Unit Price	Unit
8D. 5	Moisture Content of Concrete Block per ASTM C-140.	$ 57.20	Per Block
8D. 6	Block Series, Dimensions, Compression, Absorption, Moisture Content and Unit Weight (Density) per ASTM C-140.	$ 176.00	Per Block
8D. 7	Mortar Cubes 2"x 2"x 2" Compression Test per ASTM C-109 (Min. 3 per Test) (Cast by Others).	$ 36.40	Per Cube
8D. 8	Masonry Prisms per ASTM C-1314 (Fabricated by Contractor) (Unfilled).	$ 140.40	Per Prism
8D. 9	Sampling and Pick-Up (Casting Not Included).	$ 65.52	Per Unit
8D.10	Concrete Block Unit Weight per ASTM C-140.	$ 62.40	Per Block
8D.11	Grout Cube Compression Test per ASTM C-1014 (Cast by Others).	$ 21.84	Per Cube
8D.12	Technician to Cast Mortar or Grout Cubes in Laboratory or On-Site (Incl. Slump & Temp. Tests) per ASTM C-1019	$ 65.52	Per Hour
8D.13	On-Site Masonry Inspector per ACI-530.1 (Min. 4 Hrs.)	$ 84.24	Per Hour
E.	Concrete Beams		
8E.1	Tension Test per ASTM C-496 (Splitting Tension Test for Cylindrical Specimen, not Beams).	$ 68.60	Per Test.
8E.2	Flexural Test per ASTM C-78 (ASTM C-31, C-78) Cast per ASTM C-36, (2 Beams Required per Test).	$ 124.80	Per Beam
F.	Air Content per ASTM C-173 or ASTM C-231.	$ 36.40	Per Test
G.	Concrete Densities (Unit Weight) & Yield Test per ASTM C-138.	$ 41.60	Per Test
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

MIAMI-DADE COUNTY
PROFESSIONAL SERVICES AGREEMENT TO PROVIDE
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Contract No. E12-PWWM-02	Unit Price	Unit
(Additional Design Mixes in Series)	$ 416.00	Per Mix
8H.1 Design Mix Materials Testing.		
8H.1a Gradation.	$ 76.92	
	$ 85.28	Per Test
8H.1b Fine Aggregate Gravity and Absorption C-127.	$ 94.64	Per Test
8H.1c Coarse Aggregates Specific Gravity and Absorption C-128.	$ 228.80	Per Test
8H.1d LA Abrasion C-88.	$ 84.24	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 Hour
J. Concrete Plant Inspection per ACI-311.5 (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-900 (Includes Pin Installation).	$ 356.72	Per Test
O. Thickness of Concrete per ASTM C-1383.	$ 89.68	Per Hour
P. Corrosion Activity per ASTM C-876	$ 90.48	Per Hour
Q. Chloride Content.		

Prepared by:
Miami-Dade County Public Works Department
February 2010

Contract No. E12-PWWM-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
9. STEEL (9.04)		
(Use - AWA, AMS, AWS, ASME, API, as Applicable		
A. Shop / Field Weld Inspection per ASTM D-5339 (4 Hrs. Min.)	$ 84.24	Per Hour
B. AWS, AWA, ASME Welder Tests - Groove or Fillet		
Plate	$ 223.60	Per Position
Pipe	$ 224.00	Per Position
C. Reinforcing Steel Tensile Test	$ 136.00	Per Test
D. Reinforcing Steel Deformation Test	$ 49.92	Per Test
E. Reinforcing Bar Placement Inspection	$ 84.24	Per Hour

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

Contract No. E12-PWWM-02	Unit Price	Unit
F. Chemical Laboratory Test		
Welding Inspection and Dye Penetrant Weld Testing	$ 84.24	Per Hour
G. Radiograph Weld Inspection (Min. 4 Tests)	$ 145.60	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

Prepared by:
Miami-Dade County Public Health Department
February 2013

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

Contract No. E12-PWWWM-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

Prepared by:
Miami-Dade County Public Works Department
February 2013

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

Contract No. E12-PWWM-02	Unit Price	Unit
B. Magnaflux 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-lift 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.	$ 738.40	Per Job Min.
Per Square Foot	$ 0.17	Per Sq. Ft.
H. Infrared Moisture Survey (Mobilization of Equipment)		
Per Job Min.	$ 821.60	Per Job Min.
Per Square Feet	$ 0.27	Per Sq. Ft.
I. Asbestos Testing	$ 65.62	Per Sample

Prepared by:
Miami-Dade County Procurement Department
February 2013

Contract No. E12-PWWM-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. Title Uplift Test (TAS 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 Thomas O'Connor (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.

Thomas M. O'Connor
(Signature of Authorized Representative)

Title President

Date 11/19/14

STATE OF:
COUNTY OF:

The above certifications/verifications were acknowledged before me this 19th day of November, 2014,

by Thomas O'Connor,
(Authorized Representative)

of King Engineering,
(Name of Corporation, Partnership, etc.)

who is (personally known to me) or has produced as N/A identification and who did/did not take an oath:

Alexandra Smith
(Signature of Notary)

Alexandra Smith
(Print Name)

Notary Stamp or Seal:

ALEXANDRA SMITH
Notary Public - State of Florida
My Comm. Expires Jan 29, 2017
Commission # EE 869595

Notary Commission Number: EE 869595
My Commission Expires: 1/29/17

ATTACHMENT

ARCHITECTURE & ENGINEERING UTILIZATION REPORT

☐ MONTHLY REPORT (PARTS 1A & 1B) ☐ FINAL REPORT (PARTS 1A, 2 & 3)

DBD DEPARTMENT OF BUSINESS DEVELOPMENT

PARTS 1A & 1B This part is to be completed by the Prime Consultant and forwarded to the User Department

his report is required by Metropolitan Dade County. Failure to comply may result in MDC commencing proceedings to impose sanctions on the successful bidder, in addition to pursuing any other available legal remedy. Sanctions may include the suspension of ny payment or part thereof, termination or cancellation of the contract, and the denial to participate in any further contracts awarded by MDC. Pursuant to Florida Statues (F.S.) 837.06, whoever knowingly makes a false statement in writing with the intent to islead a public servant in the performance of their official duty shall be guilty of a misdemeanor of the second degree, punishable as provided in F.S. 755.082, F.S. 755.083 and F.S. 755.084.

A

REPORTING PERIOD		PROJECT NAME		PROJECT NO.	
FROM:		PROJECT LOCATION		NTP DATE	
TO:		USER DEPARTMENT			
		USER DEPT. PROJ. MANAGER		PHONE	FACSIMILE

AMOUNT REQUISITIONED THIS PERIOD		AMOUNT REQUISITIONED TO DATE		AMOUNT PAID TO DATE	
AMOUNT SUBS REQUISITIONED THIS PERIOD		AMOUNT SUBS REQUISITIONED TO DATE		AMOUNT PAID TO SUBS TO DATE	

PRIME CONTRACTOR			CONTRACT AWARD		CHANGE ORDER MODIFICATION AMOUNT	ADDITIONAL SERVICES AMOUNT
			DATE	AGREEMENT AMOUNT		
NAME OF FIRM						
ADDRESS				SCHEDULE COMPLETION DATE		PERCENTAGE OF CONTRACT COMPLETED
TELEPHONE		FACSIMILE		PROJECT MANAGER (PRIME CONTR.)		

B

SUBCONSULTANTS

NAME OF SUBCONSULTANT	AGREEMENT AMOUNT	DESCRIPTION OF WORK	GOAL (IF APPLICABLE) %	$ AMOUNT SUB REQUISITIONED THIS PERIOD	AMOUNT PAID TO SUB TO DATE	ACTUAL STARTING DATE	SCHEDULED COMPLETION DATE

AUTHORIZED SIGNATURE OF PRIME CONTRACTOR | PRINT NAME | TITLE | DATE

COUNTY USE This part is to be completed by the User Department and forwarded to DBD upon approval.

AUTHORIZED SIGNATURE OF PROJECT MANAGER | PRINT NAME | DATE

IMPORTANT: FOR THE MONTHLY REPORT COMPLETE FRONT PAGE ONLY. FOR THE FINAL REPORT COMPLETE ...

ARCHITECTURE & ENGINEERING UTILIZATION REPORT – FINAL ONLY

PART 2 This part is to be completed by the Subconsultants and forwarded to the Prime Consultant.

SUBCONSULTANTS

NAME OF SUBCONSULTANT / AUTHORIZED SIGNATURE OF SUBCONSULTANT	TOTAL AGREEMENT AMOUNT	FINAL SUB REQUISITION AMOUNT	TOTAL PAID TO DATE TO SUBCONSULTANT	TOTAL SUB REQUISITIONED TO DATE	DATE OF WORK COMPLETION	GOAL (%) IF APPLICABLE

PART 3 This part is to be executed by the Prime Consultant and forwarded to the User Department.

SIGNATURE OF AFFIANT (PRIME CONSULTANT) _____ TITLE _____

Sworn before me:

This _____ day of _____ , 2002

PRINTED NAME OF AFFIANT _____ DATE _____ NOTARY PUBLIC _____

COUNTY USE This part is to be completed by the User Department and forwarded with Final Requisition to DBD.

AUTHORIZED SIGNATURE OF PROJECT MANAGER _____ PRINT NAME _____ DATE _____

IMPORTANT: FOR THIS MONTHLY REPORT ONLY

ATTACHMENT G

MIAMI-DADE COUNTY – INTERNAL SERVICES DEPARTMENT (ISD)

ISD FORM NO. 10 – SUBCONTRACTORS PAYMENT REPORT

(Ordinance 11-90)

In accordance with Sections 2-8.8 of the County Code (as amended by Ordinance No. 11-90), an entity contracting with the County as a condition of final payment under a contract, the contractor shall identify all subcontractors used in the work, the amount of each subcontract, and the amount paid to each subcontractor. In the event that the contractor intends to pay less than the subcontract amount, the contractor shall deliver to the County a statement explaining the discrepancy or any disputed amount.

This form may be submitted after final payment to each subcontractor or comprehensively at the end of the contract with final requisition/invoice. All payments to subcontractors must be submitted as a condition of final payment by Miami-Dade County. Please include in the "Total Amount Paid" column any funds that will be paid to subcontractors from the final payment issued by the County and denote such an amount with an asterisk (*). Attach statements explaining discrepancies between Contract Value and Total Amount Paid when applicable.

PRIME CONTRACTOR/VENDOR:

FEIN:

PROJECT/CONTRACT NAME:

PROJECT/CONTRACT NUMBER:

CONTRACT AWARD DATE:

CONTRACT AWARD AMOUNT:

SUBCONTRACTOR	FEIN	CONTRACT VALUE	TOTAL AMOUNT PAID
		$	$
		$	$
		$	$
		$	$
		$	$
		$	$
		$	$
		$	$
		$	$
		$	$

COMPLETED FORM MUST BE INCLUDED WITH FINAL REQUISITION/INVOICE TO THE CONTRACTING/USER DEPARTMENT.

Signature | Print Name and Title | Date

For Departmental Use Only

Department Signature | Print Name and Title | Date | Contractor in Compliance ☐

Miami-Dade County

ATTCHMENT H

Contractor Due Diligence Affidavit

Per Miami-Dade County Board of County Commissioners (Board) Resolution No. R-63-14, County Vendors and Contractors shall disclose the following as 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.: 14KEA1002 E13-WASD-10

Federal Employer Identification Number (FEIN): 591782900

Contract Title: Non Exclusive Professional Services Agreement Design of upgrades for water distribution and sanitary sewage collection and transmission systems.

Thomas M. O'Connor — Printed Name of Affiant

President — Printed Title of Affiant

Signature of Affiant

King Engineering Associates, Inc — Name of Firm

11/19/14 — Date

1921 Memorial Highway — Address of Firm

Tampa — State

33634 — Zip Code

Notary Public Information

Notary Public – State of Florida County of Hillsborough

Subscribed and sworn to (or affirmed) before me this 19th day of, November 2014

Thomas O'Connor — He or she is personally known to me ☑ or has produced identification

Type of Identification produced N/a

Signature of Notary Public

EE 869595 — Serial Number

Alexandra Smith — Print or Stamp of Notary Public

1/29/17 — Expiration Date

Notary Public Seal

ALEXANDRA SMITH
Notary Public - State of Florida
My Comm. Expires Jan 29, 2017
Commission # EE 869595

2/2014

Miami-Dade County
Department of Procurement Management
Affirmation of Vendor Affidavits ATTACHMENT I

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.

ETB-WASD-W Federal Employer Identification Number (FEIN): 591782900

Contract Title: Non-Exclusive Professional Services Agreement

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(i) 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) f 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		

Thomas M O'Connor	President	Thomas M O'Connor
Printed Name of Affiant	Printed Title of Affiant	Signature of Affiant
4921 Memorial Highway, King Engineering		11/19/14
Name of Firm		Date
4921 Memorial Highway	Tampa	33634
Address of Firm	State	Zip Code

Notary Public Information

Notary Public – State of Florida County of Hillsborough

Subscribed and sworn to (or affirmed) before me this 19th day of, November 20 14.

by Thomas O' Connor He or she is personally known to me ☑ or has produced identification ☐

Type of Identification produced N/a

Alexandra Smith
Signature of Notary Public

EE 869595
Serial Number

Alexandra Smith
Print or Stamp of Notary Public

1/29/17
Expiration Date

ALEXANDRA SMITH
Notary Public - State of Florida
My Comm. Expires Jan 29, 2017
Commission # EE 869595

Attachment 5

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: King Engineering Associates FEIN #: 59-1782900

Project/Contract Number: E13-WASD-10 / 14KEAI002

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 the owners and employees 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	Scope of Work to be Performed by ~~Subcontractor/ Sub-consultant/~~ Prime Consultant	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					
			M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other	M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other
King Engineering Associates																		
8700 West Flagler St. #340	Agustin Maristany	6.01, 15.01, 16.00,	7	1	7	1					72	26	88	2	6	6	1	3
Miami, FL. 33174		17.00																

Business Name and Address of First Tier Direct Supplier	Principal Owner	Supplies/Materials/ Services to be Provided by Supplier	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					
			M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other	M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	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	Print Name	Print Title	Date
	Agustin E. Maristany, P.E.	Vice-President	11/20/14

SUB 100 Rev. 6/12

Attachment G

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: King Engineering Associates FEIN#: 59-1782900

Project/Contract Number: E13-WASD-10 / 14KEAI002

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 the owners and employees 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	Scope of Work to be Performed by ~~Subcontractor/~~ Sub-consultant/ ~~Prime Consultant~~	Principal Owner (Enter the number of male and female owners by race/ethnicity): Gender		Race/Ethnicity						Employee(s) (Enter the number of male and female employees and the number of employees by race/ethnicity): Gender		Race/Ethnicity					
			M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other	M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other
Leiter Perez & Associates, Inc																		
520 NW 165 St. Rd. Suite 209	Geoffrey Leiter, P.E.	6.01, 17.00, 10.05,	2		2						10	1	3	3	5			
Miami FL 33169		15.01, 16.00																

Business Name and Address of First Tier Direct Supplier	Principal Owner	Supplies/Materials/ Services to be Provided by Supplier	Principal Owner (Enter the number of male and female owners by race/ethnicity): Gender		Race/Ethnicity						Employee(s) (Enter the number of male and female employees and the number of employees by race/ethnicity): Gender		Race/Ethnicity					
			M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other	M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	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 | Agustin E. Maristany, P.E. (Print Name) | Vice-President (Print Title) | 11/20/14 (Date)

SUB-100 Rev. 6/12

Attachment G

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 King Engineering Associates FEIN # 59-1782900

Project/Contract Number E13-WASD-10 / 14KEA1002

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 the owners and employees 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	Scope of Work to be Performed by ~~Subcontractor/~~ Sub-consultant/ ~~Prime Consultant~~	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					
			M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other	M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other
URS Corporation Southern	Carlos Garcia, P.E.																	
7650 Corporate Center Dr.		6.01, 17.00, 10.05,									502	225	550	30	99	46	2	
Suite 400 Miami FL 33126		15.01, 16.00																

Business Name and Address of First Tier Direct Supplier	Principal Owner	Supplies/Materials/ Services to be Provided by Supplier	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					
			M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other	M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	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	Agustin E. Maristany, P.E.	Vice-President	11/20/14
	Print Name	Print Title	Date

SUB 100 Rev. 6/12

Attachment D

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 King Engineering Associates FEIN# 59-1782900

Project/Contract Number ET3-WASD-10 / 14KEA1002

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 the owners and employees 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	Scope of Work to be Performed by ~~Subcontractor/~~ Sub-consultant/ ~~Prime Consultant~~	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					
			M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other	M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other
GEOSOL, Inc.	Oracio Riccobono, P.E.	9.01	1	1			2				11	1			10	2		
5795-A NW 151 St.																		
Miami Lakes FL 33014																		

Business Name and Address of First Tier Direct Supplier	Principal Owner	Supplies/Materials/ Services to be Provided by Supplier	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					
			M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other	M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	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	Agustin E. Maristany, P.E.	Vice-President	11/20/14
	Print Name	Print Title	Date

SUB 100 Rev. 6/12

Attachment G

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 King Engineering Associates FEIN # 59-1782900

Project/Contract Number E13-WASD-10 / 14KEAI002

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 the owners and employees 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	Scope of Work to be Performed by ~~Subcontractor/~~ Sub-consultant/ ~~Prime Consultant~~	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					
			M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other	M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other
Tierra South Florida, Inc.	Raj Krishnasamy, P.E.		1					1			42	6	7	36		5		
2765 Vista Parkway, Suite 10		9.01																
West Palm Beach, FL. 33411																		

Business Name and Address of First Tier Direct Supplier	Principal Owner	Supplies/Materials/ Services to be Provided by Supplier	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					
			M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other	M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	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	Agustin E. Maristany, P.E.	Vice-President	11/20/14
	Print Name	Print Title	Date

SUB-100 Rev. 6/12

Attachment G

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 King Engineering Associates FEIN# 59-1782900

Project/Contract Number E13-WASD-10 / 14KEAI002

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.

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

Business Name and Address of First Tier Subcontractor/ Sub-consultant	Principal Owner	Scope of Work to be Performed by ~~Subcontractor/~~ Sub-consultant/ ~~Prime Consultant~~	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					
			M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other	M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other
Ross Engineering, Inc.	Mellissa Ross, MSCE																	
17670 NW 78 Ave, Suite 214		6.01, 16.00	1	1	2						4	1	2		3			
Miami, FL. 33174																		

Business Name and Address of First Tier Direct Supplier	Principal Owner	Supplies/Materials/ Services to be Provided by Supplier	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					
			M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other	M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other

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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	Agustin E. Maristany, P.E.	Vice-President	11/20/14
	Print Name	Print Title	Date

SUB 100 Rev. 6/12

Attachment ~~G~~ J

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 King Engineering Associates FEIN # 59-1782900

Project/Contract Number E13-WASD-10 / 14KEA1002

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In accordance with Ordinance No. 11-30, an entity contracting with the County shall report the race, gender and ethnic origin of the owners and employees 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.

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Business Name and Address of First Tier Subcontractor/ Sub-consultant	Principal Owner	Scope of Work to be Performed by ~~Subcontractor/~~ Sub-consultant/ ~~Prime Consultant~~	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					
			M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other	M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other
Media Relations Group, LLC	Alicia Gonzalez, Principal	Public Outreach &	1	1			2				2	12	3	2	9			
18001 Old Cutler Road #459		Public Information																
Palmetto Bay, FL. 33157		Services																

Business Name and Address of First Tier Direct Supplier	Principal Owner	Supplies/Materials/ Services to be Provided by Supplier	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					
			M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other	M	F	White	Black	Hispanic	Asian/Pacific Islander	Native American/Native Alaskan	Other

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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 | Agustin E. Maristany, P.E. (Print Name) | Vice-President (Print Title) | 11/20/14 (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:

King Engineering Associates, Inc. agrees to adhere to the Fair subcontracting practices as defined in Sec. 2-8.8. *Fair subcontracting practices.*

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

Signature of Authorized Representative: Thomas M. O'Connor

Title: President Date: 11/19/14

Proposer's Name: Thomas M. O'Connor