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

Memorandum

MIAMI-DADE COUNTY

Date: May 3, 2022

To: Honorable Chairman Jose "Pepe" Diaz
and Members, Board of County Commissioners

Agenda Item No. 3(B)(7)

From: Daniella Levine Cava
Mayor

Resolution No. R-392-22

Subject: Resolution Ratifying Two Non-Exclusive Professional Service Agreements for Project No. E20-WASD-02B, Related to Miami-Dade Water and Sewer Department's Consent Decree and Capital Improvement Programs Acceleration Ordinance

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Executive Summary

The attached resolution seeks ratification of two Non-Exclusive Professional Service Agreements with Terracon Consultants, Inc. (Agreement No. 21TCI002) and with Professional Service Industries, Inc. (Agreement No. 21PSII002), each in an amount not to exceed $4,400,000.00 for engineering services related to the improvement, upgrades and expansions of Water and Wastewater Treatment Plants, Pump Stations, Collection, Distribution and Transmission Piping, and all related facilities as necessary to ensure quality control/assurance for Water and Sewer Department's Capital Improvement Projects, Project No. E20-WASD-02B.

Recommendation

It is recommended that the Board of County Commissioners (Board) ratifies the action of the County Mayor or County Mayor's designee, as authorized under Section 2-8.2.12 of the Miami-Dade County Code related to Miami-Dade Water and Sewer Department's Consent Decree and Capital Improvement Programs Acceleration Ordinance (WASD Acceleration Ordinance) for the funded project identified below and in Exhibit A, as attached.

Multi-Year Capital Plan Projects

Miami-Dade County intends to retain two qualified firms under two separate Professional Service Agreements (PSAs) for Project No. E20-WASD-02B, project entitled: Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Material Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pump Stations, Collection, Distribution and Transmission Piping, and All Related Facilities as Necessary to Ensure Quality Control/Assurance for WASD's Capital Improvement Projects. The PSAs are awarded to Terracon Consultants, Inc. (Terracon) and Professional Service Industries, Inc. (PSI) each in an amount not to exceed $4,400,000.00 with an aggregate total amount not to exceed $8,800,000.00.

The PSAs will perform soils, foundations, geotechnical and materials testing services plus special structural integrity assessments, threshold building inspections, and other special inspections as necessary for the new facilities, refurbishments, design and construction of all projects included in the Capital Improvement Program schedule.

Item 1 – Recommendation Approving Award of a Non-Exclusive Professional Services Agreement for Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Material Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pump Stations, Collection, Distribution and Transmission Piping, and All Related Facilities as Necessary to Ensure Quality Control/Assurance for WASD's Capital Improvement Projects, Project No. E20-WASD-02B Agreement No. 21TCI002. This item requests ratification of a contract in an amount not to exceed $4,400,000.00, with a total contract term of five years to Terracon Consultants, Inc. The PSA was fully executed and attested by the Clerk on March 3, 2022.

Item 2 – Recommendation Approving Award of a Non-Exclusive Professional Services Agreement for Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Material Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pump Stations, Collection, Distribution and Transmission Piping, and All Related Facilities as Necessary to Ensure Quality Control/Assurance for WASD's Capital Improvement Projects, Project No. E20-WASD-02B Agreement No. 21PSII002. This item requests ratification of a contract in an amount not to exceed $4,400,000.00, with a total contract term of five years to Professional Service Industries, Inc. The PSA was fully executed and attested by the Clerk on March 3, 2022.

Delegation of Authority

These contracts were awarded pursuant to Section 2-8.2.12 of the Miami-Dade County Code related to WASD's Consent Decree and Capital Improvement Programs Acceleration Ordinance, which delegates authority to the County Mayor or County Mayor's designee to award certain projects, and among other things, negotiate, and settle claims, and execute change orders that do not exceed ten percent (10%) of the base contract amount, all subject to ratification by the Board.

Scope

In an effort to continue providing good quality and reliable drinking water and sanitary services, the County needs to upgrade and rehabilitate its water and sewer assets located throughout the County. The services to be performed under these PSAs are soils, foundations, geotechnical and materials testing services plus special structural integrity assessments, threshold building inspections, and other special inspections as necessary for the new facilities, refurbishments, design and construction of all projects included in the Capital Improvement Program schedule. As listed on Exhibit A, the locations of these projects are throughout Miami-Dade County and various Commission Districts. The projects awarded through WASD's Acceleration Ordinance have a countywide impact.

Fiscal Impact/Funding Source

The fiscal impact and funding source for these projects are as follow: BCC GOB Financing, Future WASD Revenue Bonds, WASD Revenue Bonds Sold, Future Subordinate Debt, State Revolving Loan Wastewater Program, WASD Revenue Bonds Sold, WIFIA Loan, Wastewater Connection Charges, Wastewater Renewal Fund, Wastewater Special Construction Fund, Water Renewal and

Replacement Fund, Water Connection Charges, Fire Hydrant Fund, and they are also detailed in Exhibit A and the other accompanying attachments.

Track Record/Monitoring
WASD's Deputy Director, Marisela Aranguiz of Capital Improvements, will oversee the implementation of these projects.

Due Diligence/Safety Information
Due diligence was conducted by WASD and the Internal Services Department (ISD) in accordance with ISD's Procurement Guidelines to determine responsibility, including verifying corporate status; performance; safety record, including Occupational Safety and Health Administration (OSHA) records; and compliance data. The lists that were reviewed include: convicted vendors, debarred vendors, delinquent contractors, suspended vendors, and federally excluded parties. There were no adverse findings related to the Contractor's responsibility. This information is being provided pursuant to Resolution No. R-187-12.

Background
On September 3, 2014, the Board approved Ordinance No. 14-77 authorizing the County Mayor or County Mayor's designee to award contracts for funded capital projects and related goods and services, and to accelerate the approval of WASD's (1) Consent Decree projects and (2) projects identified in WASD Multi-Year Capital Plan's Capital Improvements Program without the need for prior Board approval but subject to ratification by the Board.

Exhibit A includes the details of the competitively bid award for which ratification is being requested. Exhibit A contains the information bulleted below for the contract award:

- Item Number
- Department Name
- Type of Solicitation
- Contract Type
- Contract No. / Project No.
- Project Name
- Firm Awarded
- Commission District
- Contract Amount
- Funding Source(s)
- Operations and Maintenance Costs
- Estimated Start Date/Estimated End Date
- Contract Measures: SBE Goods & Services; SBE-A/E; SBE-Construction; and CWP Program
- Brief Project Description

Attached as Exhibit B-1 and Exhibit B-2 are the recommendation to award the contracts referenced for Item No. 1 and Item No. 2 in this memorandum. The contracts listed are executed by the County Mayor or County Mayor's designee in accordance with WASD's Acceleration Ordinance. A copy

is available upon request from the Intergovernmental Affairs Division of the Miami-Dade Water and Sewer Department.

Attachments

Jimmy Morales
Chief Operations Officer

Exhibit A

Ratification of Contract Awards Authorized by the WASD Accelerate Ordinance

Item No.	Dept. Name	Type of Solicitation	Contract Type	Contract No. / Project No.	Project Name	Firm Awarded	Commission District	Contract Amount	Funding Source(s)	Operations and Maintenance Costs	Est. Start Date / Est. End Date	Contract Measures: SBE Goods & Services	Contract Measures: SBE A/E	Contract Measures: SBE Construction	Contract Measures: CWP Program	Brief Project Description
1	WASD	County Bid Process	Notice to Professional Consultants	Project No. E20-WASD-02B Agreement No. 21TCI002	Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Material Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pump Stations, Collection, Distribution and Transmission Piping, and All Related Facilities as Necessary to Ensure Quality Control/Assurance for WASD's Capital Improvement Projects	Terracon Consultants, Inc.	Various Commission District	$4,400,000.00	BCC GOB Financing, Future WASD Revenue Bonds, WASD Revenue Bonds Sold, Future Subordinate Debt, State Revolving Loan Wastewater Program, WASD Revenue Bonds Sold, WIFIA Loan, Wastewater Connection Charges, Wastewater Renewal Fund, Wastewater Special Construction Fund, Water Renewal and Replacement Fund, Water Connection Charges, Fire	N/A	Estimated Notice to Proceed Date: 02/02/2022 Completion Date: 02/01/27, total contract term is five years	N/A	20.00%	N/A	N/A	This PSA will perform soils, foundations, geotechnical and materials testing services plus special structural integrity assessments, threshold building inspections, and other special inspections as necessary for the new facilities, refurbishments, design and construction of all projects included in the Capital Improvement Program schedule. This is one of two non-exclusive professional service agreements for this project.
2	WASD	County Bid Process	Notice to Professional Consultants	Project No. E20-WASD-02B Agreement No. 21PSII002	Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Material Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pump Stations, Collection, Distribution and Transmission Piping, and All Related Facilities as Necessary to Ensure Quality Control/Assurance for WASD's Capital Improvement Projects	Professional Service Industries, Inc.	Various Commission District	$4,400,000.00	BCC GOB Financing, Future WASD Revenue Bonds, WASD Revenue Bonds Sold, Future Subordinate Debt, State Revolving Loan Wastewater Program, WASD Revenue Bonds Sold, WIFIA Loan, Wastewater Connection Charges, Wastewater Renewal Fund, Wastewater Special Construction Fund, Water Renewal and Replacement Fund, Water Connection Charges, Fire	N/A	Estimated Notice to Proceed Date: 02/04/2022 Completion Date: 02/03/27, total contract term is five years	N/A	20.00%	N/A	N/A	This PSA will perform soils, foundations, geotechnical and materials testing services plus special structural integrity assessments, threshold building inspections, and other special inspections as necessary for the new facilities, refurbishments, design and construction of all projects included in the Capital Improvement Program schedule. This is one of two non-exclusive professional service agreements for this project.
							Total Dollar Value of Award:	$8,800,000.00								

Exhibit B
Item 1

Memorandum

MIAMI-DADE COUNTY

Date:

To: Roy Coley, MBA, Director
Water and Sewer Department

From: Marisela Aranguiz, P.E., Deputy Director
Water and Sewer Department

Subject: Recommendation Approving a Non-Exclusive Professional Services Agreement to Terracon Consultants, Inc. to provide Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Material Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pump Stations, Collection, Distribution and Transmission Piping, and All Related Facilities as Necessary to Ensure Quality Control/Assurance for Water and Sewer Department's Capital Improvement Projects; Project No. E20-WASD-02B; Agreement No. 21TCI002

FILED FOR RECORD
2021 MAR 1 PM 4:0
CLERK OF THE BOARD
MIAMI-DADE COUNTY, FLORIDA

RECOMMENDATION:
Pursuant to the Miami-Dade Water and Sewer Department (WASD) Consent Decree and Capital Improvement Programs Acceleration Ordinance Section 2-8.2.12 of the Miami-Dade County Code, it is recommended that the County Mayor or County Mayor's designee approve the attached Non-Exclusive Professional Services Agreement with Terracon Consultants, Inc. (Terracon) to provide geotechnical services, special inspections, structural assessments, soils, foundations and material testing services related to the improvement, upgrades and expansions of water and wastewater treatment plants, pump stations, collection, distribution and transmission piping, and all related facilities as necessary to ensure quality control/assurance for Water and Sewer Department's Capital Improvement Projects; Project No. E20-WASD-02B; Contract No. 21TCI002 (the Contract). The total compensation amount shall not exceed $4,400,000, which includes a ten percent (10%) contingency allowance and a contract term of five (5) years. For this Project, Miami-Dade County intends to retain two (2) qualified firms under two (2) separate Professional Services Agreements. This contract award recommendation was prepared by WASD.

DELEGATION OF AUTHORITY:
Pursuant to the provisions of Section 2-8.2.12 of the Miami-Dade County Code, the County Mayor or County Mayor's designee has the authority to execute, amend and terminate the Contract and to resolve disputes. Additionally, pursuant to the provisions of Sections 2-8.2.12 (4)(d) and (e) of the Code, the County Mayor or County Mayor's designee has the authority to amend and/or extend the Agreement to complete any unfinished work, waive liquidated damages, negotiate and settle claims, and execute change orders that do not exceed ten percent (10%) of the base/alternate contract amount. Pursuant to Section 2-8.2.12 (7), all actions taken pursuant to Section 2-8.2.12 are subject to ratification by the Board of County Commissioners.

PROJECT NAME: Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Material Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pump Stations, Collection, Distribution and Transmission Piping, and All Related Facilities as Necessary to Ensure Quality Control/Assurance for Water and Sewer Department's Capital Improvement Projects

PROJECT DESCRIPTION:
Terracon will perform soils, foundations, geotechnical and materials testing services plus special structural integrity assessments, threshold building inspections, and other special inspections as necessary for the new facilities, refurbishments, design and construction of all projects included in the Capital Improvement Program schedule.

PROJECT LOCATION: Throughout Miami-Dade County.

PRIMARY COMMISSION DISTRICT: Various Commission District.

APPROVAL PATH:
Miami-Dade Water and Sewer Department Consent Decree and Capital Improvement Programs Acceleration Ordinance Section 2-8.2.12 of the Code of Miami-Dade County.

MANAGING DEPARTMENT: WASD

SMALL BUSINESS DEVELOPMENT (SBD): *See* attached Exhibit "A", "Project Worksheet"
REVIEW DATE: 6/16/2020 **RESUBMITTAL DATE:** 1/14/2021 **SIGNOFF DATE:** 1/19/2021

TYPE	GOAL	COMMENT
SBE-Architectural/Engineering	20%	Implementing Order 3-32
SBE-Goods and Services	N/A	Implementing Order 3-41

PROJECT TECHNICAL CERTIFICATION REQUIREMENTS:

Technical Categories (TC)	Description
9.01Prime	Soils, Foundations and Materials Testing – Drilling, Subsurface Investigations and Seismographic Services
9.02 Prime	Soils, Foundations and Materials Testing – Geotechnical and Materials Engineering Services
9.03 Prime	Soils, Foundations and Materials Testing – Concrete and Asphalt Testing Services
9.04 Other	Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections
9.05 Other	Soils, Foundations and Material Testing – Roof Testing and Consulting
9.06 Other	Soils, Foundations and Material Testing – Material Testing/Consulting/Training
10.02 Other	Environmental Engineering – Geology Services
10.05 Other	Environmental Engineering – Contamination Assessment and Monitoring
10.06 Other	Environmental Engineering – Remedial Action Plan Design
10.07 Other	Environmental Engineering – Remedial Action Plan Implementation/Operation/ Maintenance

SUBCONSULTANTS:
The chart below indicates the list of Subconsultants that will be utilized under this Contract and which of those Subconsultants are being utilized to meet the SBD measures as indicated above. See attached Exhibit "B," "Utilization Plan."

SUBCONSULTANTS	GOAL	SERVICES
All Americans Barricades, Corp.	N/A	Maintenance of Traffic (MOT)
Architects International, Inc.	N/A	Structural Engineering
Blascom Engineering, Inc.	9.00%	Drilling, subsurface investigations and seismographic services, Geotechnical and material engineering services, Concrete and asphalt testing services and Non-Destructive testing and inspections
CarbonvWorks USA, LLC	N/A	Treatment of dewatering fluid, and contaminated groundwater and vapor

Clark Environmental, Inc.	N/A	Drum disposal – Vac Trucks
Diversified Professional Services, Corp.	N/A	Remediation contractor, storage tank systems
E.T.D., Inc. D/B/A Earth Tech Drilling	N/A	Sonic drilling, direct push drilling
EMSL Analytical, Inc.	N/A	Asbestos and mold analysis
Eurofins EPK Built Environment Testing, LLC	N/A	Asbestos and mold analysis
GCES Engineering Services, LLC	6.00%	Drilling, subsurface investigations and seismographic services, Geotechnical and material engineering services, Concrete and asphalt testing services and Non-Destructive testing and inspections
Geoview, Inc.	N/A	Private locates using Ground Penetrating Radar (GPR)
Ground Penetrating Radar Systems, LLC	N/A	Private locates using Ground Penetrating Radar (GPR)
HR Engineering Services, Inc.	5.00%	Drilling, subsurface investigations and seismographic services, Geotechnical and material engineering services
JAEE Environmental Services, Inc.	N/A	Direct Push Drilling
Jam Environmental and Vacuum Services, LLC	N/A	Industrial Vacuum Truck, used oil, site remediation, soft digging with Vactor.
Pace Analytical Services, LLC	N/A	Laboratory Analysis Services
Testamerica Laboratories, Inc.	N/A	Laboratory Analysis Services
US Ecology Tampa, Inc.	N/A	Remediation Contractor, emergency response – Vac trucks
WD Environmental Services Inc	N/A	Excavation, remediation contractor, storage tank systems
Wombat Environmental, L.L.C.	N/A	Direct Push Drilling, Geoprobe Services

FISCAL IMPACT / FUNDING SOURCE:
BBC GOB Financing, Future WASD Revenue Bonds, WASD Revenue Bonds Sold, Future Subordinate Debt, State Revolving Loan Wastewater Program, WASD Revenue Bonds Sold, WIFIA Loan, Wastewater Connection Charges, Wastewater Renewal Fund, Wastewater Special Construction Fund, Water Renewal and Replacement Fund, Water Connection Charges, Fire Hydrant Fund.

CAPITAL BUDGET PROJECT NUMBER - DESCRIPTION: See attached Exhibit "C":
Adopted Budget and Multi-Year Capital Plan for Fiscal Year 2021-2022
967090-Commercial and Industrial Corridors Extension of Sewer System (Building Better Communities Bond) Book Page: 72
9650201-Flow Reduction Program Book Page: 73
2000000580-Outfall Legislation Capacity Book Page: 74
964440-Sewer Pump Station Systems – Consent Decree Projects Book Page: 75
2000000784-Pump Station Resilience Program Book Page: 75
9653281-Sanitary Sewer System Extension Book Page: 76
9650241-Central Miami-Dade Wastewater Transmission Mains and Pump Station Improvements Book Page: 76
9652101-North Miami-Dade Wastewater Transmission Mains and Pump Stations Improvement Book Page: 77
968150-Wastewater Collection and Transmission Lines - Consent Decree Projects Book Page: 77

962670-Outfall Legislation Book Page: 78
9653201-Wastewater – Regional General Maintenance and Office Facilities Book Page: 79
964120-Wastewater Treatment Plants - Consent Decree Projects Book Page: 82
9654041-Central Miami-Dade Water Transmission Mains Improvements Book Page: 84
9654031-North Miami-Dade Water Transmission Main Improvements Book Page: 86
2000000072-Small Diameter Water Mains Replacement Program Book Page: 88

PTP Funding: No
GOB Funding: No
ARRA Funding: No
Total Contract Period: Five (5) Years
Option-To-Renew: None
IG Fee Included in Base Contract: Yes
Art in Public Places: No
Base Contract Amount: $4,000,000
Contingency Allowance (Section 2-8.1 of the Miami-Dade County)

Type	Percent	Amount	Comment
Engineering	10%	$400,000	Contingency Allowance fees in accordance with Ordinance 00-65 is 10% of the estimated engineering cost.

Total Contract Amount: $4,400,000

SEA LEVEL RISE (Ord. No. 14-79): The impact of sea level rise is not applicable for this Project.

SUSTAINABLE BUILDINGS ORDINANCE: (Ord. No. 07-65): This Project does not qualify for compliance with the Sustainable Buildings Ordinance.

TRACK RECORD/MONITOR: Due diligence was conducted by WASD and the Internal Services Department (ISD) in accordance with ISD 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 Terracon's responsibility. This information is being provided pursuant to Resolution R-187-12.

EXPLANATION: On January 15, 2021, a Notice to Professional Consultants was issued under full and open competition. On February 19, 2021, the Clerk of the Board received seven (7) proposals in response to this solicitation. See attached Exhibit "D", "List of Respondents".

On April 19, 2021, SBD completed its review of the SBE contract measures and confirmed that all participant firms were in compliance with the submittal requirements. See attached Exhibit "E", "SBD Compliance Review".

FIRST TIER MEETING: At the First Tier "Evaluation of Qualifications" meeting held on August 5, 2021, the Competitive Selection Committee (CSC) reviewed and ranked the seven (7) proposals, in accordance with the evaluation criteria outlined in the solicitation, and in the order listed below. See attached Exhibit "F", "First Tier Tabulation Report".

	Firm	Total & Adjusted Qualitative Score	Total Adjusted Ordinal Scores	Ordinal Ranking	Final Rank

	Firm	Total & Adjusted Qualitative Score	Total Adjusted Ordinal Scores	Ordinal Ranking	Final Rank
1	Terracon Consultants, Inc.	451 274	6	1	1
2	Professional Service Industries, Inc.	460 274	7	2	2
3	Radise International LC	449 270	10	3	3
4	Wood Environmental & Infrastructure Solutions, Inc.	441 261	13	4	4
5	Universal Engineering Services LLC	433 263	14	5	5
6	Tierra South Florida, inc.	411 247	16	6	6
7	Wingerter Laboratories, Inc.	384 233	20	7	7

The CSC unanimously voted not to hold a Second-Tier (Oral Presentation) meeting and recommended the following two firms listed below to the County Mayor or County Mayor's designee for approval to negotiate a contract:

1) Terracon Consultants, Inc.
2) Professional Service Industries, Inc.

The Negotiation Committee was approved by the County Mayor's designee on November 5, 2021. See attached Exhibit "G", "Negotiation Authorization Memorandum".

On November 23, 2021, and December 10, 2021, the Negotiation Committee held the first and second meeting, respectively, with Terracon. On December 16, 2021, the Negotiation Committee motioned to concluded negotiations with Terracon.

Based on ISD's CIIS database, Terracon has forty-nine (49) evaluation with an average 3.6 rating out of a possible total 4.0 points. See attached Exhibit "H", "Contractor Evaluations Report."

SUBMITTAL DATE: 2/19/2021
ESTIMATED NOTICE TO PROCEED: 02/02/2022
PRINCIPAL/COMPANY QUALIFIERS: Hugo E. Soto, P.E.
EMAIL ADDRESS: Hugo.Soto@terracon.com

Pursuant to Resolution No. R-1011-15:

Firm	Address of Branch Offices or Headquarters in Miami-Dade*	Total number of employees for your firm	Number of Employees that reside in Miami-Dade County	Percentage of Employees that reside in Miami-Dade County
Terracon Consultants, Inc.	16200 NW 59th Ave., Suite 106, Miami Lakes, FL 33014	46	21	45.6%

PREVIOUS EXPERIENCE WITH THE COUNTY IN THE THREE (3) YEARS BEFORE THE PROPOSAL SUBMITTAL DATE:
According to the Firm History Report provided by ISD, SBD, Terracon has been awarded seven (7) contracts with Miami-Dade County during the past three (3) years from the proposal submittal date, with a total contract value of $819,491. See attached Exhibit "I", "Firm History Report".

MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS: Yes.
The CSC determined that Terracon met the minimum experience and qualifications as indicated in the solicitation listed below:

The Prime consultant is highly preferred to be a full service geotechnical/materials testing engineering firm experienced in similar facilities. Qualified firms are preferred to have proven successful experience with quality assurance/quality control, testing and inspection work, condition evaluation and special structural assessment, threshold building inspections, special inspections and with proven history of performance. The successful experience on the above items shall be demonstrated prior to the date of this solicitation.

The Prime consultant shall provide a list of members of the proposed team, identifying the project/contract manager, and the team leaders for key specialties. The Prime Consultant shall also describe the firm's Quality Control and Assurance procedures pertaining to field sample collection, laboratory testing, transmission and storage of data, document management, etc. Consultant may also describe any specific software/application that is used to collect, store, manage and report on data from the work conducted in the field under this contract and method of communications and reporting of such data to all project stakeholders for any project.

The Prime consultant should provide descriptions of at least two (2) successfully completed projects where similar services of each listed technical categories were provided prior to the date of this solicitation. The description 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, new technologies utilized), and a client reference and contact information. The Prime consultant also should have a Construction Materials Engineering Council Certification for a laboratory that is in Miami-Dade County.

The Subconsultants should also provide a description of at least two (2) projects that are relevant to the scope of work that they will be performing under this PSA. The descriptions shall include the client (i.e., municipality or agency). Key project staff, a summary of the work performed, the contract amount, the schedule (to include start and completion dates), the specific role of the Subconsultant firm, the project's achievements, and client reference and contact information.

Applicable Wages (Resolution No. R-54-10): No
Mandatory Clearing House: No

Contract Manager Name/Phone/Email: Patricia Palomo / 786-552-8040/Patty.Palomo@miamidade.gov
Project Manager Name/Phone/Email: Juan Cordero /786-268-5326/Juan.Cordero@miamidade.gov

SIGNATURE PAGE
Project No. E20-WASD-02B; Agreement No. 21TCI002

David Clodfelter
OMB Director

2/15/2022
Date

Approved as to legal sufficiency:

Angela F. Benjamin
Assistant County Attorney

February 15, 2022
Date

Roy Coley on behalf of
County Mayor Daniella Levine Cava

3/3/2022
Date

EXHIBIT "A"

Small Business Development Division

Project Worksheet

Project/Contract Title:	GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, ETC.	**Received Date:**	6/16/2020
		Resubmittal Date:	1/14/2021
Project/Contract No:	E20-WASD-02B	**Funding Source:**	Other
Department:	Water & Sewer		
Estimated Cost of Project/Bid:	$8,800,000.00		
Description of Project/Bid:	WASD will require professional geotechnical and materials testing engineering services from two (2) qualified Consultants to provide soils, foundations, geotechnical investigations, structural and special assessments as well as materials and systems testing for forthcoming water and wastewater treatment projects related to WASD's other capital improvement needs identified on the Multi-Year Capital Improvement Plan.		

Contract Measures Recommendation

Measure	Program	Goal Percent
Goal	SBE - A&E	20.00%
No Measure	SBE - Goods	
No Measure	SBE - Services	

Reasons for Recommendation

SMALL BUSINESS ENTERPRISE - ARCHITECTURAL & ENGINEERING (SBE-A&E)
An analysis of the factors contained in the project package, as well as the factors contained in Section V. B. 2. C. of Implementing Order 3-32 indicates that a 20.00% SBE-A&E Sub-Consultant Goal is appropriate for this contract in the following Technical Categories: TC 9.01 (Soils, Foundations and Materials Testing - Drilling, Subsurface Investigations and Seismographic Services) – 5.00%, TC 9.02 (Soils, Foundations and Materials Testing - Geotechnical and Materials Engineering Services) – 3.00%, 9.03 (Soils, Foundations and Materials Testing - Concrete and Asphalt Testing Services) – 3.00%, TC 9.04 (Soils, Foundations and Materials Testing - Non-Destructive Testing and Inspections) – 1.00%, TC 9.05 (Soils, Foundations and Materials Testing - Roof Testing and Consulting) – 2.00%, TC 9.06 (Soils, Foundations and Materials Testing - Material Testing/Consulting/Training) – 2.00, TC 10.02 (Environmental Engineering - Geology Services) – 1.00%, TC 10.05 (Environmental Engineering - Contamination Assessment and Monitoring) – 1.00%, TC 10.06 (Environmental Engineering- Remedial Action Plan Design) – 1.00% and TC 10.07 (Environmental Engineering- Remedial Action Plan Implementation/Operation/Maintenance) – 1.00%.

Maximum compensation for each of two (2) PSA's is $4,000,000.00 plus a ten percent (10%) ($400,000.00) contingency allowance. The term of each PSA is five (5) years with no minimum amount of work or compensation guaranteed to the retained consultant.

SMALL BUSINESS ENTERPRISE - GOODS & SERVICES (SBE-Goods & SBE-Services)
An analysis of Implementing Order 3-41 & Ordinance 16-109, as well as the project package indicates a No Measure is appropriate.

MDC-TCC 9.01 SOILS, FOUNDATIONS AND MATERIALS TESTING - DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES, MDC-TCC 9.02 SOILS, FOUNDATIONS AND MATERIALS TESTING - GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES, MDC-TCC 9.03 SOILS, FOUNDATIONS AND MATERIALS TESTING - CONCRETE AND ASPHALT TESTING SERVICES, MDC-TCC 9.04 SOILS, FOUNDATIONS AND MATERIALS TESTING - NON-DESTRUCTIVE TESTING AND INSPECTIONS, MDC-TCC 9.05 SOILS, FOUNDATIONS AND MATERIALS TESTING - ROOF TESTING AND CONSULTING, MDC-TCC 9.06 SOILS, FOUNDATIONS AND MATERIALS TESTING - MATERIAL TESTING/CONSULTING/TRAINING, MDC-TCC 10.02 ENVIRONMENTAL ENGINEERING - GEOLOGY SERVICES, MDC-TCC 10.05 ENVIRONMENTAL ENGINEERING - CONTAMINATION ASSESSMENT AND MONITORING, MDC-TCC 10.06 ENVIRONMENTAL ENGINEERING - REMEDIAL ACTION PLAN DESIGN, MDC-TCC 10.07 ENVIRONMENTAL ENGINEERING - REMEDIAL ACTION PLAN IMPLEMENTATION/OPERATION/MAINTENANCE

Small Business Contract Measure Recommendation

Subtrade	Category
SOILS, FOUNDATIONS AND MATERIALS TESTING - DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES	SBE – A&E
SOILS, FOUNDATIONS AND MATERIALS TESTING - GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES	SBE – A&E
SOILS, FOUNDATIONS AND MATERIALS TESTING - CONCRETE AND ASPHALT TESTING SERVICES	SBE – A&E
SOILS, FOUNDATIONS AND MATERIALS TESTING - NON-DESTRUCTIVE TESTING AND INSPECTIONS	SBE – A&E
SOILS, FOUNDATIONS AND MATERIALS TESTING - ROOF TESTING AND CONSULTING	SBE – A&E
SOILS, FOUNDATIONS AND MATERIALS TESTING - MATERIAL TESTING/CONSULTING/TRAINING	SBE – A&E
ENVIRONMENTAL ENGINEERING - GEOLOGY SERVICES	SBE – A&E
ENVIRONMENTAL ENGINEERING - CONTAMINATION ASSESSMENT AND MONITORING	SBE – A&E
ENVIRONMENTAL ENGINEERING - REMEDIAL ACTION PLAN DESIGN	SBE – A&E
ENVIRONMENTAL ENGINEERING - REMEDIAL ACTION PLAN IMPLEMENTATION/OPERATION/MAINTENANCE	SBE – A&E

Living Wages:	YES [ ]	NO [X]	Highway:	YES [ ]	NO [X]	Heavy Construction:	YES [ ]	NO [X]
Responsible Wages:	YES [ ]	NO [X]	Building:	YES [ ]	NO [X]			

SBD Director

1/19/21
Date

EXHIBIT "B"

Generated by Caesar Suarez, Miami-Dade County on 4/16/2021

Utilization Plan: View Plan

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E20-WASD-02B: GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, ETC.

Status: **Open**
Estimated Cost: **$8,800,000**

This Utilization Plan has been Approved. Scroll down to view the details of the plan. Click the button to transfer some or all of the subcontract records to an existing contract. Once a record is transferred it cannot be transferred again. However if any subcontractors are not included in the transfer they will remain available for transfer. After the transfer process is complete a Linked Contract field will appear to provide quick access to the contract. Use the Linked Contract field to access the contract that subs were previously transferred to.

Refresh Actions & Notices

Utilization Plan Summary

Proposal	E20-WASD-02B: GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, ETC.
Reference	RE: Utilization Plan For Terracon Consultants, Inc., Project #E20-WASD-02B, 20% SBE-A&E Goal
Phase	Original, version 0
Status	Approved
Notification Date	4/8/2021 by Caesar Suarez
Due Date	4/13/2021 5:00 pm US/Eastern
Submission Date	4/12/2021 by Hugo E. Soto
Review Date	4/13/2021 by Caesar Suarez

Transfer Subcontractors to Contract

Utilization Plan Information

Estimated Bid/Transaction Amount	$4,000,000
Public Comments	Please identify the SBE-A&E certified firm(s) that will be used to meet the 20.00% SBE-A&E sub-consultant goal established for this project. ***IMPORTANT: - Be reminded that the sub-consultants that will be identified in this Utilization Plan to meet the SBE-A&E goal, MUST have been listed in the Letter of Qualifications (LOQ) form submitted with your proposal. - Assign to your firm and all SBE-A&E sub-consultants only Technical Categories (TCs) that are applicable to the project and as assigned in the LOQ (do not add any NIGP or NAICS work codes, these are applicable to different SBD programs). If you have any questions, please contact me via email or at 786-454-5028. Regards, Caesar
Vendor Comments	This is an estimated and this amount could change.

Primary Bidder/Prime Contractor

Vendor Name	Cert	Inc in Goal	$ Total	$ Self Perf	$ For Credit	Actions
P Terracon Consultants, Inc.	No	No	$4,000,000	$3,160,000 79.00%	-	View

Work Code Validation Symbol Legend: All assigned work codes are valid; Some assigned codes are not valid; No assigned work codes are valid; No work codes are assigned.

Subcontractors

Subcontractor Name	Sub Tier	Cert	Inc in Goal	Type	Valid Work Code	$ Commit	$ Self Perf	$ For Credit	Confirmed	Actions
1 Architects International, Inc.	1		No	Sub		$40,000 1.00%	$40,000 1.00%	-		View

1 BLASCOM ENGINEERING, INC.	1	✓	✓ SBE - A&E	Sub 100%	✓	$360,000 9.00%	$360,000 9.00%	$360,000 9.00%	✓	View
1 GCES Engineering Services, LLC	1	✓	✓ SBE - A&E	Sub 100%	✓	$240,000 6.00%	$240,000 6.00%	$240,000 6.00%	✓	View
1 HR ENGINEERING SERVICES, INC.	1	✓	✓ SBE - A&E	Sub 100%	✓	$200,000 5.00%	$200,000 5.00%	$200,000 5.00%	✓	View

Goal & Waiver Summary

Goal Type	Goal	Plan	Status	$ to Reach Goal	Waiver Status
Overall Goal	20.00%	20.00%	Met goal		
Bid Preference	0.00%	0.00%	Met goal		
DBE	0.00%	0.00%	Met goal		
SBD Goal	0.00%	0.00%	Met goal		
SBE - A&E	20.00%	20.00%	Met goal		
SBE - Con	0.00%	0.00%	Met goal		
SBE - Goods	0.00%	0.00%	Met goal		
SBE - Services	0.00%	0.00%	Met goal		
Selection Factor	0.00%	0.00%	Met goal		
Trade Set Aside	0.00%	0.00%	Met goal		

Signature

Signature	Hugo E. Soto, P.E.
Title	Principal / Office Manager
Organization	Terracon Consultants, Inc.
Signature Date	4/12/2021

Additional Instructions

Additional Instructions to Vendor	
Special Instructions to Vendor	

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Help & Tools

Utilization Plan: View Subcontractor

E20-WASD-02B: GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, ETC.

Status: **Open**
Estimated Cost: **$8,800,000**

Return — Shown below is the subcontractor's information. Click **Return** to return to the plan summary.

Vendor Information

Vendor Name	BLASCOM ENGINEERING, INC.
Vendor Contact Person	Julio De Blas
Phone	786-553-2909
Fax	786-553-2909
Email	jdb@blascomusa.com
Address	230 Greenwood Dr Key Biscayne, FL 33149

Applicable Vendor Certifications

Type	Effective	Renewal	Organization
DBE	Not available		Florida Unified Certification Program
SBE-A&E	7/9/2020	7/9/2021	Miami-Dade County
SBE-G&S	7/9/2020	7/9/2021	Miami-Dade County

Subcontractor Details

Vendor Type	Subcontractor
Subcontractor Tier	Tier 1 Subcontractor to Terracon Consultants, Inc.
Proposed Amount & Percent	Amount: $360,000 Percent: 9.000%
Type of Participation	Subcontractor/Subconsultant at 100.0% Participation - Firm that directly provides services for the contract.
Count Towards Goal	Yes - assigned to SBE - A&E goal
Work Description	Geotechnical Services, Special Inspections
Work Codes	MDC-TCC 09-01 DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES MDC-TCC 09-02 GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES MDC-TCC 09-03 CONCRETE AND ASPHALT TESTING SERVICES MDC-TCC 09-04 NON-DESTRUCTIVE TESTING AND INSPECTIONS
Estimated Start Date	
Estimated End Date	

Confirmation Status

Status	**Assignment Confirmed**
Action Taken By	JULIO DE BLAS on 4/10/2021 (view eSignature details)

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Utilization Plan: View Subcontractor

E20-WASD-02B: GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, ETC.

Status: **Open**
Estimated Cost: **$8,800,000**

Return

Shown below is the subcontractor's information. Click Return to return to the plan summary.

Vendor Information

Vendor Name	GCES Engineering Services, LLC
Vendor Contact Person	Alejandro Montenegro
Phone	305-964-0669
Fax	305-596-5392
Email	alexm@gces-usa.com
Address	10860 NW 138th Street Unit 4 Hialeah Gardens, FL 33018

Applicable Vendor Certifications

Type	Effective	Renewal	Organization
DBE	Not available		Florida Unified Certification Program
SBE-A&E	2/28/2019	2/29/2020	Miami-Dade County
SBE-G&S	2/28/2019	2/28/2020	Miami-Dade County

Subcontractor Details

Vendor Type	Subcontractor
Subcontractor Tier	Tier 1 Subcontractor to Terracon Consultants, Inc.
Proposed Amount & Percent	Amount: $240,000 Percent: 6.000%
Type of Participation	Subcontractor/Subconsultant at 100.0% Participation - Firm that directly provides services for the contract.
Count Towards Goal	Yes - assigned to SBE - A&E goal
Work Description	Geotechnical Services, Special Inspections
Work Codes	MDC-TCC 09-01 DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES MDC-TCC 09-02 GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES MDC-TCC 09-03 CONCRETE AND ASPHALT TESTING SERVICES MDC-TCC 09-04 NON-DESTRUCTIVE TESTING AND INSPECTIONS
Estimated Start Date	
Estimated End Date	

Confirmation Status

Status	Assignment Confirmed
Action Taken By	Alejandro Montenegro on 4/9/2021 (view eSignature details)

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Utilization Plan: View Subcontractor

E20-WASD-02B: GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, ETC.

Status: **Open**
Estimated Cost: **$8,800,000**

Return

Shown below is the subcontractor's information. Click Return to return to the plan summary.

Vendor Information

Vendor Name	HR ENGINEERING SERVICES, INC.
Vendor Contact Person	Hernando Ramos, P. E.
Phone	305-888-8880
Fax	305-888-8770
Email	hramos@hrescorp.com
Address	7815 NW 72ND AVENUE MEDLEY, FL 33166

Applicable Vendor Certifications

Type	Effective	Renewal	Organization
DBE	3/3/2021	2/16/2022	Miami-Dade County
SBE-A&E	2/16/2021	2/16/2022	Miami-Dade County
SBE-G&S	2/16/2021	2/16/2022	Miami-Dade County
DBE	Not available		Florida Unified Certification Program

Subcontractor Details

Vendor Type	Subcontractor
Subcontractor Tier	Tier 1 Subcontractor to Terracon Consultants, Inc.
Proposed Amount & Percent	Amount: $200,000 Percent: 5.000%
Type of Participation	Subcontractor/Subconsultant at 100.0% Participation - Firm that directly provides services for the contract.
Count Towards Goal	Yes - assigned to SBE - A&E goal
Work Description	Soils, Foundations and Material Testing
Work Codes	MDC-TCC 09-01 DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES MDC-TCC 09-02 GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES
Estimated Start Date	
Estimated End Date	

Confirmation Status

Status	**Assignment Confirmed**
Action Taken By	Hernando Ramos, P. E. on 4/9/2021 (view eSignature details)

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FY 2021 - 22 Adopted Budget and Multi-Year Capital Plan

CAPITAL BUDGET SUMMARY

(dollars in thousands)	PRIOR	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	FUTURE	TOTAL
Revenue									
BBC GOB Financing	27,202	23,500	36,295	30,614	23,389	0	0	0	141,000
Fire Hydrant Fund	3,517	2,500	2,500	2,500	2,500	2,500	2,500	2,500	21,017
Future Subordinate Debt	3,807	5,982	7,212	36,749	47,762	92,128	111,035	67,951	372,625
Future WASD Revenue Bonds	0	33,353	472,208	482,814	495,561	401,670	303,768	649,140	2,838,515
Hialeah Reverse Osmosis Plant Construction Fund	7,473	500	0	0	0	0	0	0	7,973
Miami Springs Water Construction Fund	12,800	508	0	0	0	0	0	0	13,308
State Revolving Loan Wastewater Program	42,353	12,000	0	0	0	0	0	0	54,353
WASD Revenue Bonds Sold	1,808,327	0	0	0	0	0	0	0	1,808,327
WIFIA Loan	59,008	37,042	92,489	175,519	139,466	118,870	25,227	13,504	661,126
Wastewater Connection Charges	169,793	16,614	13,020	15,338	18,470	0	0	0	233,234
Wastewater Renewal Fund	247,097	47,500	55,500	50,000	50,000	50,000	50,000	50,000	600,097
Wastewater Special Construction Fund	15,328	6,457	43,391	22,368	51,598	15,251	18,366	25,020	197,778
Water Connection Charges	51,418	3,401	3,153	2,449	2,449	1,287	1,287	0	65,444
Water Renewal and Replacement Fund	236,077	47,499	39,501	45,000	45,000	45,000	45,000	45,000	548,077
Water Special Construction Fund	14,136	200	200	200	200	200	200	0	15,336
Total:	2,698,336	237,056	765,468	863,551	876,395	726,906	557,384	853,115	7,578,210
Expenditures									
Strategic Area: NI									
GOB Water and Wastewater Projects	27,202	23,500	36,295	30,614	23,389	0	0	0	141,000
Wastewater Projects	1,619,186	533,193	600,295	719,441	747,811	634,934	451,606	526,981	5,833,447
Water Projects	416,722	161,609	264,951	121,402	108,695	97,471	106,778	326,136	1,603,763
Total:	2,063,110	718,302	901,541	871,457	879,895	732,406	558,384	853,116	7,578,210

FUNDED CAPITAL PROGRAMS

(dollars in thousands)

COMMERCIAL AND INDUSTRIAL CORRIDORS - EXTENSION OF SEWER SYSTEM (BUILDING BETTER COMMUNITIES BOND PROGRAM)

PROGRAM #: 967090

DESCRIPTION: Extend sewer service to developed commercial and industrial corridors in Miami-Dade County as per BCC Resolution R-537-14

LOCATION: Various Sites
Throughout Miami-Dade County

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
BBC GOB Financing	27,202	18,500	31,295	25,614	23,389	0	0	0	126,000
TOTAL REVENUES:	27,202	18,500	31,295	25,614	23,389	0	0	0	126,000
EXPENDITURE SCHEDULE:	**PRIOR**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**FUTURE**	**TOTAL**
Construction	26,551	17,921	30,039	24,789	22,089	0	0	0	121,389
Planning and Design	651	579	1,256	825	1,300	0	0	0	4,611
TOTAL EXPENDITURES:	27,202	18,500	31,295	25,614	23,389	0	0	0	126,000

FY 2021 - 22 Adopted Budget and Multi-Year Capital Plan

LIFT STATIONS - UPGRADES AND STRUCTURAL IMPROVEMENTS

PROGRAM #: 9650371

DESCRIPTION: Repair, replace and upgrade existing lift stations throughout the wastewater system

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Wastewater Renewal Fund	8,777	3,500	3,500	3,500	3,500	3,500	3,500	3,500	33,277
TOTAL REVENUES:	8,777	3,500	3,500	3,500	3,500	3,500	3,500	3,500	33,277
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	6,138	3,683	2,800	2,800	2,800	2,800	2,800	2,801	26,623
Land Acquisition/Improvements	537	322	245	245	245	245	245	245	2,329
Major Machinery and Equipment	230	138	105	105	105	105	105	105	998
Planning and Design	767	460	350	350	350	350	350	350	3,327
TOTAL EXPENDITURES:	7,673	4,603	3,500	3,500	3,500	3,500	3,500	3,501	33,277

PEAK FLOW MANAGEMENT - FACILITIES

PROGRAM #: 9653371

DESCRIPTION: Evaluate and construct alternatives for peak flow management facilities and associated infrastructure

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	1,000	5,000	6,130	3,000	2,000	2,000	0	19,130
WASD Revenue Bonds Sold	17,516	0	0	0	0	0	0	0	17,516
Wastewater Connection Charges	7,625	0	0	0	0	0	0	0	7,625
TOTAL REVENUES:	25,141	1,000	5,000	6,130	3,000	2,000	2,000	0	44,271
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	10,839	4,846	3,000	3,678	1,800	1,200	1,200	0	26,563
Planning and Design	7,226	3,230	2,000	2,452	1,200	800	800	0	17,708
TOTAL EXPENDITURES:	18,065	8,076	5,000	6,130	3,000	2,000	2,000	0	44,271

PEAK FLOW MANAGEMENT - FLOW REDUCTION PROGRAM (FRP)

PROGRAM #: 9650201

DESCRIPTION: Implement a Flow Reduction Program which is comprised of two main components: Inflow and Infiltration reduction and Pump Station Optimization by implementing real time controls at pump stations

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	14,865	16,176	16,166	14,056	11,976	35,927	109,165
WASD Revenue Bonds Sold	76,961	0	0	0	0	0	0	0	76,961
TOTAL REVENUES:	76,961	0	14,865	16,176	16,166	14,056	11,976	35,927	186,126
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	63,396	13,565	14,865	16,176	16,166	14,056	11,976	35,927	186,126
TOTAL EXPENDITURES:	63,396	13,565	14,865	16,176	16,166	14,056	11,976	35,927	186,126

FY 2021 - 22 Adopted Budget and Multi-Year Capital Plan

PEAK FLOW MANAGEMENT - SOUTH DISTRICT EXPANSION — PROGRAM #: 2000000580

DESCRIPTION: Redirect flows to regional plants and account for peak flows through 2035
LOCATION: Systemwide
Various Sites
District Located: Systemwide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future Subordinate Debt	0	0	7,212	6,749	11,125	24,832	39,367	17,496	106,782
State Revolving Loan Wastewater Program	12,350	0	0	0	0	0	0	0	12,350
WASD Revenue Bonds Sold	22,580	0	0	0	0	0	0	0	22,580
WIFIA Loan	25,412	4,300	74,178	133,943	47,669	39,218	6,500	504	331,724
Wastewater Connection Charges	141,385	5,489	910	1,156	0	0	0	0	148,940
Wastewater Renewal Fund	14,566	0	12,866	0	0	0	0	0	27,431
Wastewater Special Construction Fund	5,599	2,950	0	0	36,348	0	0	0	44,897
TOTAL REVENUES:	**221,891**	**12,739**	**95,165**	**141,849**	**95,142**	**64,051**	**45,867**	**18,000**	**694,703**
EXPENDITURE SCHEDULE:	**PRIOR**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**FUTURE**	**TOTAL**
Construction	120,116	50,203	137,781	146,270	96,179	67,670	44,949	17,640	680,808
Planning and Design	2,451	1,025	2,812	2,985	1,963	1,381	917	360	13,895
TOTAL EXPENDITURES:	**122,568**	**51,228**	**140,593**	**149,255**	**98,142**	**69,051**	**45,867**	**18,000**	**694,703**

PUMP STATIONS - GENERATORS AND MISCELLANEOUS UPGRADES — PROGRAM #: 9652002

DESCRIPTION: Install emergency generators and construct miscellaneous upgrades at various wastewater pump stations
LOCATION: Systemwide
Various Sites
District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	4,899	5,600	5,046	4,244	0	0	19,788
WASD Revenue Bonds Sold	7,692	0	0	0	0	0	0	0	7,692
TOTAL REVENUES:	**7,692**	**0**	**4,899**	**5,600**	**5,046**	**4,244**	**0**	**0**	**27,480**
EXPENDITURE SCHEDULE:	**PRIOR**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**FUTURE**	**TOTAL**
Construction	5,236	2,456	4,899	5,600	5,046	4,244	0	0	27,480
TOTAL EXPENDITURES:	**5,236**	**2,456**	**4,899**	**5,600**	**5,046**	**4,244**	**0**	**0**	**27,480**

FY 2021 - 22 Adopted Budget and Multi-Year Capital Plan

PUMP STATIONS - IMPROVEMENT PROGRAM

PROGRAM #: 9651071

DESCRIPTION: Upgrade pump stations systemwide to meet departmental forecasted demands

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	7,341	1,000	0	0	0	13,745	22,086
WASD Revenue Bonds Sold	66,634	0	0	0	0	0	0	0	66,634
Wastewater Connection Charges	3,498	0	0	0	0	0	0	0	3,498
TOTAL REVENUES:	70,131	0	7,341	1,000	0	0	0	13,745	92,218
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	52,281	7,330	6,240	850	0	0	0	11,683	78,385
Planning and Design	9,226	1,294	1,101	150	0	0	0	2,062	13,833
TOTAL EXPENDITURES:	61,507	8,624	7,341	1,000	0	0	0	13,745	92,218

PUMP STATIONS - RESILIENCE PROGRAM (PSRP)

PROGRAM #: 2000000784

DESCRIPTION: Implement a pump station resiliency program to improve pump stations systemwide

LOCATION: Systemwide
Various Sites

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	400	30,457	40,816	42,712	35,782	30,395	44,917	225,480
WASD Revenue Bonds Sold	38,671	0	0	0	0	0	0	0	38,671
Wastewater Connection Charges	868	219	0	0	0	0	0	0	1,087
Wastewater Renewal Fund	34	0	0	0	0	0	0	0	34
TOTAL REVENUES:	39,574	619	30,457	40,816	42,712	35,782	30,395	44,917	265,272
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	17,051	13,897	23,452	31,428	32,888	27,552	23,404	34,586	204,260
Planning and Design	5,093	4,151	7,005	9,388	9,824	8,230	6,991	10,331	61,013
TOTAL EXPENDITURES:	22,145	18,048	30,457	40,816	42,712	35,782	30,395	44,917	265,272

PUMP STATIONS - SEWER SYSTEMS CONSENT DECREE PROJECTS

PROGRAM #: 964440

DESCRIPTION: Design, construct and rehabilitate pump stations infrastructure systems to comply with the Federal EPA Consent Decree

LOCATION: Various Sites
Throughout Miami-Dade County

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	174	46	0	0	0	0	219
WASD Revenue Bonds Sold	115,266	0	0	0	0	0	0	0	115,266
Wastewater Connection Charges	100	0	0	0	0	0	0	0	100
TOTAL REVENUES:	115,366	0	174	46	0	0	0	0	115,585
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	101,697	7,900	165	43	0	0	0	0	109,805
Planning and Design	5,352	416	9	2	0	0	0	0	5,779
TOTAL EXPENDITURES:	107,050	8,316	174	46	0	0	0	0	115,585

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SANITARY SEWER SYSTEM - EXTENSION

PROGRAM #: 9653281

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

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Wastewater Renewal Fund	39,057	0	3,000	5,500	5,500	5,500	6,500	6,500	71,557
TOTAL REVENUES:	39,057	0	3,000	5,500	5,500	5,500	6,500	6,500	71,557
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	974	488	220	220	220	220	260	260	2,862
Planning and Design	23,386	11,709	5,280	5,280	5,280	5,280	6,240	6,240	68,695
TOTAL EXPENDITURES:	24,360	12,197	5,500	5,500	5,500	5,500	6,500	6,500	71,557

SANITARY SEWER SYSTEM - IMPROVEMENTS

PROGRAM #: 9650221

DESCRIPTION: Provide sanitary sewer system improvements funded from the special construction fund including special taxing districts

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Wastewater Special Construction Fund	538	250	250	250	250	250	250	0	2,038
TOTAL REVENUES:	538	250	250	250	250	250	250	0	2,038
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	538	250	250	250	250	250	250	0	2,038
TOTAL EXPENDITURES:	538	250	250	250	250	250	250	0	2,038

WASTEWATER - CENTRAL MIAMI-DADE TRANSMISSION MAINS AND PUMP STATION IMPROVEMENTS

PROGRAM #: 9650241

DESCRIPTION: Construct a force main crossing at Bear Cut, a force main at Flagler St from SW 37 Ave to SW 10 Ave and from Miami Beach to the Central District Wastewater Treatment Plant

LOCATION: Wastewater System - Central District Area
City of Miami

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,502	9,804	18,000	22,500	18,000	13,500	0	84,306
WASD Revenue Bonds Sold	28,658	0	0	0	0	0	0	0	28,658
Wastewater Connection Charges	900	1,000	374	0	0	0	0	0	2,274
TOTAL REVENUES:	29,558	3,502	10,178	18,000	22,500	18,000	13,500	0	115,237
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	20,558	12,502	10,178	18,000	22,500	18,000	13,500	0	115,237
TOTAL EXPENDITURES:	20,558	12,502	10,178	18,000	22,500	18,000	13,500	0	115,237

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WASTEWATER - COLLECTION AND TRANSMISSION LINES CONSENT DECREE PROJECTS

PROGRAM #: 968150

DESCRIPTION: Design, construct and rehabilitate collection and transmission infrastructure lines to comply with the Federal EPA Consent Decree

LOCATION: Various Sites
Throughout Miami-Dade County

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	4,992	875	0	0	0	0	5,867
WASD Revenue Bonds Sold	90,436	0	0	0	0	0	0	0	90,436
TOTAL REVENUES:	90,436	0	4,992	875	0	0	0	0	96,303
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	78,023	11,508	4,942	866	0	0	0	0	95,340
Planning and Design	788	116	50	9	0	0	0	0	963
TOTAL EXPENDITURES:	78,812	11,624	4,992	875	0	0	0	0	96,303

WASTEWATER - EQUIPMENT

PROGRAM #: 9650301

DESCRIPTION: Acquire equipment and associated wastewater system capital support materials as needed

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Wastewater Renewal Fund	55,609	8,256	11,000	11,000	11,000	11,000	15,000	15,000	137,865
TOTAL REVENUES:	55,609	8,256	11,000	11,000	11,000	11,000	15,000	15,000	137,865
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Furniture Fixtures and Equipment	55,609	8,256	11,000	11,000	11,000	11,000	15,000	15,000	137,865
TOTAL EXPENDITURES:	55,609	8,256	11,000	11,000	11,000	11,000	15,000	15,000	137,865

WASTEWATER - NORTH MIAMI-DADE TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

PROGRAM #: 9652101

DESCRIPTION: Provide infrastructure improvements to pump stations to increase system flexibility

LOCATION: Wastewater System - North District Area
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future Subordinate Debt	3,807	5,982	0	0	0	0	0	0	9,789
Future WASD Revenue Bonds	0	7,693	48,959	36,367	24,355	27,072	15,472	8,000	167,918
WASD Revenue Bonds Sold	41,284	0	0	0	0	0	0	0	41,284
Wastewater Connection Charges	3,385	3,118	4,280	547	0	0	0	0	11,329
Wastewater Renewal Fund	442	0	0	0	0	0	0	0	442
TOTAL REVENUES:	48,917	16,793	53,239	36,914	24,355	27,072	15,472	8,000	230,762
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	28,598	33,826	50,577	35,068	23,138	25,718	14,698	7,600	219,223
Planning and Design	1,505	1,781	2,662	1,846	1,218	1,354	774	400	11,539
TOTAL EXPENDITURES:	30,103	35,607	53,239	36,914	24,355	27,072	15,472	8,000	230,762

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WASTEWATER - OUTFALL LEGISLATION PROGRAM #: 962670

DESCRIPTION: Eliminate outfall flows to the ocean
LOCATION: Systemwide
Various Sites
District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future Subordinate Debt	0	0	0	20,000	24,636	28,650	17,461	7,294	98,041
Future WASD Revenue Bonds	0	0	13,299	111,051	214,847	209,794	159,910	105,188	814,089
State Revolving Loan Wastewater Program	30,004	12,000	0	0	0	0	0	0	42,004
WASD Revenue Bonds Sold	108,448	0	0	0	0	0	0	0	108,448
WIFIA Loan	32,273	30,586	13,886	26,589	53,154	25,123	0	0	181,612
Wastewater Connection Charges	8,300	2,846	2,117	13,635	18,470	0	0	0	45,368
Wastewater Special Construction Fund	5,955	3,257	43,141	22,118	15,000	15,001	18,116	25,020	147,608
TOTAL REVENUES:	184,980	48,689	72,444	193,393	326,108	278,568	195,487	137,502	1,437,170

EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	155,471	66,516	68,821	183,724	309,802	264,639	185,713	130,627	1,365,313
Land Acquisition/Improvements	1,637	700	724	1,934	3,815	2,786	1,955	1,375	14,926
Planning and Design	6,546	2,800	2,898	7,736	12,490	11,143	7,819	5,500	56,932
TOTAL EXPENDITURES:	163,653	70,016	72,444	193,393	326,108	278,568	195,487	137,502	1,437,170

WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS PROGRAM #: 968750

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

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Wastewater Renewal Fund	7,111	3,000	3,000	3,000	3,000	3,000	3,000	3,000	28,111
TOTAL REVENUES:	7,111	3,000	3,000	3,000	3,000	3,000	3,000	3,000	28,111

EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	6,400	2,700	2,700	2,700	2,700	2,700	2,700	2,700	25,300
Major Machinery and Equipment	356	150	150	150	150	150	150	150	1,406
Planning and Design	356	150	150	150	150	150	150	150	1,406
TOTAL EXPENDITURES:	7,111	3,000	3,000	3,000	3,000	3,000	3,000	3,000	28,111

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WASTEWATER - REGIONAL GENERAL MAINTENANCE AND OFFICE FACILITIES

PROGRAM #: 9653201

DESCRIPTION: Construct and/or renovate various regional general maintenance centers, office facilities and storage warehouses

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	300	300	2,500	3,000	2,201	300	114,685	123,286
WASD Revenue Bonds Sold	499	0	0	0	0	0	0	0	499
Wastewater Renewal Fund	2,759	0	0	0	0	0	0	0	2,759
TOTAL REVENUES:	3,259	300	300	2,500	3,000	2,201	300	114,685	126,545
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	2,998	276	276	2,300	2,760	1,985	276	105,527	116,397
Planning and Design	261	24	24	200	240	216	24	9,159	10,148
TOTAL EXPENDITURES:	3,259	300	300	2,500	3,000	2,201	300	114,685	126,545

WASTEWATER - SOUTH DISTRICT TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

PROGRAM #: 9651061

DESCRIPTION: Provide piping improvements to pump station number 536 and force main upgrade in SW 117 Ave

LOCATION: Wastewater System - South District Area
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,299	7,500	10,621	0	0	0	0	20,420
WASD Revenue Bonds Sold	100	0	0	0	0	0	0	0	100
TOTAL REVENUES:	100	2,299	7,500	10,621	0	0	0	0	20,520
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	90	2,069	6,750	9,559	0	0	0	0	18,468
Land Acquisition/Improvements	2	46	150	212	0	0	0	0	410
Planning and Design	8	184	600	850	0	0	0	0	1,642
TOTAL EXPENDITURES:	100	2,299	7,500	10,621	0	0	0	0	20,520

WASTEWATER - SYSTEM MAINTENANCE AND UPGRADES

PROGRAM #: 9650361

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

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Wastewater Renewal Fund	37,914	16,500	11,135	17,000	17,000	17,000	12,000	12,000	140,548
TOTAL REVENUES:	37,914	16,500	11,135	17,000	17,000	17,000	12,000	12,000	140,548
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	7,083	3,627	2,400	3,400	3,400	3,400	2,400	2,400	28,109
Major Machinery and Equipment	28,331	14,508	9,600	13,600	13,600	13,600	9,600	9,600	112,439
TOTAL EXPENDITURES:	35,414	18,135	12,000	17,000	17,000	17,000	12,000	12,000	140,548

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WASTEWATER TREATMENT PLANT - SOUTH DISTRICT UPGRADES PROGRAM #: 9653401

DESCRIPTION: Provide plant process infrastructure improvements to include injection and monitoring wells, installation of emergency generators, acquiring a land buffer, construction of a landfill gas pipeline, installation of co-generation units and construction of sludge handling facilities

LOCATION: 8950 SW 232 St
Unincorporated Miami-Dade County

District Located: 8
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,941	13,594	17,827	8,006	200	300	33,678	76,546
WASD Revenue Bonds Sold	1,285	0	0	0	0	0	0	0	1,285
Wastewater Connection Charges	183	398	0	0	0	0	0	0	581
TOTAL REVENUES:	1,468	3,339	13,594	17,827	8,006	200	300	33,678	78,411
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	1,367	3,109	12,642	16,579	7,446	186	279	31,285	72,893
Planning and Design	101	230	952	1,248	560	14	21	2,392	5,518
TOTAL EXPENDITURES:	1,468	3,339	13,594	17,827	8,006	200	300	33,678	78,411

WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS PROGRAM #: 964120

DESCRIPTION: Design, construct and rehabilitate infrastructure improvements at wastewater treatment plants to comply with the Federal Environmental Protection Agency (EPA) Consent Decree

LOCATION: Various Sites
Throughout Miami-Dade County

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	147,486	121,213	90,193	40,338	13,124	5,363	417,718
WASD Revenue Bonds Sold	893,927	0	0	0	0	0	0	0	893,927
Wastewater Connection Charges	3,002	3,544	5,338	0	0	0	0	0	11,884
Wastewater Renewal Fund	11,240	0	0	0	0	0	0	0	11,240
TOTAL REVENUES:	908,168	3,544	152,825	121,213	90,193	40,338	13,124	5,363	1,334,769
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	682,120	183,941	145,130	115,152	85,683	38,321	12,468	5,095	1,267,911
Planning and Design	35,933	9,719	7,695	6,061	4,510	2,017	656	268	66,858
TOTAL EXPENDITURES:	718,052	193,660	152,825	121,213	90,193	40,338	13,124	5,363	1,334,769

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WATER - CENTRAL MIAMI-DADE TRANSMISSION MAINS IMPROVEMENTS PROGRAM #: 9654041

DESCRIPTION: Replace various low-pressure water mains and install a 20-inch water main at railroad crossings via microtunneling method

LOCATION: Central Miami-Dade County Area
City of Miami

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	700	1,000	4,220	4,271	0	0	10,191
WASD Revenue Bonds Sold	254	0	0	0	0	0	0	0	254
Water Renewal and Replacement Fund	266	0	0	0	0	0	0	0	266
TOTAL REVENUES:	520	0	700	1,000	4,220	4,271	0	0	10,711
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	258	241	665	950	4,009	4,058	0	0	10,180
Planning and Design	8	13	35	50	211	214	0	0	531
TOTAL EXPENDITURES:	266	254	700	1,000	4,220	4,271	0	0	10,711

WATER - DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS PROGRAM #: 9653311

DESCRIPTION: Install various water mains throughout the distribution system

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Fire Hydrant Fund	11	0	0	0	0	0	0	0	11
Future WASD Revenue Bonds	0	0	3,040	2,000	0	0	0	0	5,040
WASD Revenue Bonds Sold	45,558	0	0	0	0	0	0	0	45,558
Water Connection Charges	356	356	355	0	0	0	0	0	1,067
Water Renewal and Replacement Fund	54,587	8,657	6,500	6,500	6,500	6,500	6,500	6,500	102,244
Water Special Construction Fund	12,822	0	0	0	0	0	0	0	12,822
TOTAL REVENUES:	113,334	9,013	9,895	8,500	6,500	6,500	6,500	6,500	166,742
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	87,956	15,341	22,694	8,730	6,790	6,790	7,275	6,305	161,881
Planning and Design	2,720	329	702	270	210	210	225	195	4,861
TOTAL EXPENDITURES:	90,677	15,670	23,395	9,000	7,000	7,000	7,500	6,500	166,742

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WATER - MIAMI SPRINGS CONSTRUCTION FUND PROGRAM #: 965450

DESCRIPTION: Repair and/or replace water transmission pipes in Miami Springs
LOCATION: Miami Springs
Miami Springs
District Located: 6
District(s) Served: 6

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Miami Springs Water Construction Fund	12,800	508	0	0	0	0	0	0	13,308
TOTAL REVENUES:	12,800	508	0	0	0	0	0	0	13,308
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	12,800	508	0	0	0	0	0	0	13,308
TOTAL EXPENDITURES:	12,800	508	0	0	0	0	0	0	13,308

WATER - NORTH MIAMI-DADE TRANSMISSION MAIN IMPROVEMENTS PROGRAM #: 9654031

DESCRIPTION: Install 36-inch water main along NW 87 Ave to improve transmission capabilities in the north central area of the county and a 48-inch water main connection to the Carol City tank
LOCATION: North Miami-Dade County Area
Miami Gardens
District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	14,526	14,869	8,386	4,000	0	0	41,781
WASD Revenue Bonds Sold	15,270	0	0	0	0	0	0	0	15,270
Water Connection Charges	24,672	500	0	0	0	0	0	0	25,172
Water Renewal and Replacement Fund	335	0	0	0	0	0	0	0	335
TOTAL REVENUES:	40,277	500	14,526	14,869	8,386	4,000	0	0	82,558
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	28,275	10,874	13,945	14,274	8,051	3,840	0	0	79,259
Planning and Design	1,175	453	581	595	335	160	0	0	3,299
TOTAL EXPENDITURES:	29,450	11,327	14,526	14,869	8,386	4,000	0	0	82,558

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WATER - SAFE DRINKING WATER ACT MODIFICATIONS PROGRAM #: 9654061

DESCRIPTION: Modify water treatment to comply with Surface Water Treatment and Disinfectant/Disinfection By Product (D-DBP) regulations

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	58,001	15,283	10,576	4,500	2,500	0	90,861
WASD Revenue Bonds Sold	9,690	0	0	0	0	0	0	0	9,690
Water Connection Charges	23,813	161	1,510	1,161	1,161	0	0	0	27,806
Water Renewal and Replacement Fund	2,901	0	0	0	0	0	0	0	2,901
TOTAL REVENUES:	36,404	161	59,511	16,444	11,738	4,500	2,500	0	131,258
EXPENDITURE SCHEDULE:	**PRIOR**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**FUTURE**	**TOTAL**
Construction	8,111	3,770	76,509	15,129	10,799	4,140	2,300	0	120,757
Planning and Design	705	328	6,653	1,316	939	360	200	0	10,501
TOTAL EXPENDITURES:	8,816	4,098	83,162	16,444	11,738	4,500	2,500	0	131,258

WATER - SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM PROGRAM #: 2000000072

DESCRIPTION: Design, construct and replace undersized water mains to improve fire flows, pressure to homes and quality of water

LOCATION: Systemwide
Throughout Miami-Dade County

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Fire Hydrant Fund	753	0	0	0	0	0	0	0	753
Future WASD Revenue Bonds	0	0	25,891	28,820	31,713	32,413	36,313	79,125	234,275
WASD Revenue Bonds Sold	85,626	0	0	0	0	0	0	0	85,626
Water Connection Charges	1,889	687	1,288	1,287	1,287	1,287	1,287	0	9,013
Water Renewal and Replacement Fund	964	0	0	0	0	0	0	0	964
TOTAL REVENUES:	89,232	687	27,179	30,108	33,001	33,700	37,600	79,125	330,631
EXPENDITURE SCHEDULE:	**PRIOR**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**FUTURE**	**TOTAL**
Construction	65,992	19,497	25,845	28,628	31,376	32,041	35,746	75,169	314,294
Planning and Design	3,418	1,012	1,333	1,480	1,624	1,659	1,854	3,956	16,337
TOTAL EXPENDITURES:	69,410	20,509	27,179	30,108	33,001	33,700	37,600	79,125	330,631

EXHIBIT "D"

MIAMI DADE COUNTY
INTERNAL SERVICES DEPARTMENT

LIST OF RESPONDENTS

Project Name: Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Materials Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pumps Stations, Collection, Distribution and Transmission Piping, and all Related Facilities as Necessary to Ensure Quality Control / Assurance for WASD's Capital Improvement Projects

Project No.: E20-WASD-02B

Measures: SBE/AE 20%

No. of Agreements: 2

Contract Type: PROFESSIONAL SERVICES AGREEMENT

Submittal Date: 02/19/2021

Team No.: 1

Prime Name: WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS INC

Prime Local Preference: Yes

FEIN No.: 911641772

Trade Name:

Sub-Consultants Name	Trade Name	Subs FEIN No.
a. GCES ENGINEERING SERVICES LLC		461012695
b. NV5 INC	KACO	271979486
c. EBS ENGINEERING INC		650492113
d. BARNES FERLAND & ASSOCIATES INC		593237612
e. J & R PRECISION DRILLING, INC.		264585897
f. PINK DIAMOND INSPECTIONS LLC		472207678
g. ATI COMPANIES LLC		263960932
h. GEOVIEW, INC		593651879

Team No.: 2

Prime Name: TIERRA SOUTH FLORIDA INC

Prime Local Preference: Yes

FEIN No.: 200282450

Trade Name:

Sub-Consultants Name	Trade Name	Subs FEIN No.
a. GCES ENGINEERING SERVICES LLC		461012695
b. EBS ENGINEERING INC		650492113
c. NADIC ENGINEERING SERVICES INC		300052251
d. CHEROKEE ENTERPRISES INC		650891158
e. RAYMOND ENGINEERING-GEORGIA, INC.		770659333

Team No.: 3

Prime Name: UNIVERSAL ENGINEERING SCIENCES LLC

Prime Local Preference: Yes

FEIN No.: 591117804

Trade Name:

Sub-Consultants Name	Trade Name	Subs FEIN No.
a. HR ENGINEERING SERVICES INC		650849633
b. KIMLEY-HORN & ASSOCIATES INC		560885615
c. EBS ENGINEERING INC		650492113
d. RAYMOND ENGINEERING-GEORGIA, INC.		770659333
e. NADIC ENGINEERING SERVICES INC		300052251

MIAMI DADE COUNTY
INTERNAL SERVICES DEPARTMENT

LIST OF RESPONDENTS

Project Name: Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Materials Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pumps Stations, Collection, Distribution and Transmission Piping, and all Related Facilities as Necessary to Ensure Quality Control / Assurance for WASD's Capital Improvement Projects

Project No.: E20-WASD-02B

Measures: SBE/AE 20%

No. of Agreements: 2

Contract Type: PROFESSIONAL SERVICES AGREEMENT

Submittal Date: 02/19/2021

Team No.: 4

Prime Name: RADISE INTERNATIONAL LC

Prime Local Preference: Yes

FEIN No.: 650785837

Trade Name:

Sub-Consultants Name	Trade Name	Subs FEIN No.
a. NOVA CONSULTING INC		650577672
b. ATC GROUP SERVICES LLC		460399408
c. GEOSYNTEC CONSULTANTS		592355134
d. GCES ENGINEERING SERVICES LLC		461012695
e. HYDRODESIGNS, LLC		800803504
f. AMERICAN TESTING MATERIALS ENGINEERING, LLC.	ATM ENGINEERING LLC	462877285

Team No.: 5

Prime Name: WINGERTER LABORATORIES INC

Prime Local Preference: Yes

FEIN No.: 590594442

Trade Name:

Sub-Consultants Name	Trade Name	Subs FEIN No.
a. EBS ENGINEERING INC		650492113
b. ENVIRONMENTAL REGULATORY COMPLIANCE INC		650449546
c. AMERICAN TESTING MATERIALS ENGINEERING, LLC.	ATM ENGINEERING LLC	462877285
d. ADVANCE CONSULTING ENGINEERING SERV INC		650532839

Team No.: 6

Prime Name: PROFESSIONAL SERVICE INDUST INC (PSI)

Prime Local Preference: Yes

FEIN No.: 370962090

Trade Name:

Sub-Consultants Name	Trade Name	Subs FEIN No.
a. HR ENGINEERING SERVICES INC		650849633
b. BLASCOM ENGINEERING INC		461661962
c. EBS ENGINEERING INC		650492113
d. MANUEL G VERA AND ASSOC INC		591741639
e. BCC ENGINEERING LLC		650540100
f. EAC CONSULTING INC		650519739
g. SAFETY SYSTEMS BARRICADES, CORP		263278034
h. ROAD SAFE TRAFFIC SYSTEM INC		261084418

MIAMI DADE COUNTY
INTERNAL SERVICES DEPARTMENT

LIST OF RESPONDENTS

Project Name: Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Materials Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pumps Stations, Collection, Distribution and Transmission Piping, and all Related Facilities as Necessary to Ensure Quality Control / Assurance for WASD's Capital Improvement Projects

Project No.: E20-WASD-02B

Measures: SBE/AE 20%

No. of Agreements: 2

Contract Type: PROFESSIONAL SERVICES AGREEMENT

Submittal Date: 02/19/2021

Team No.: 7

Prime Name: TERRACON CONSULTANTS INC

Prime Local Preference: Yes

FEIN No.: 421249917

Trade Name:

Sub-Consultants Name	Trade Name	Subs FEIN No.
a. BLASCOM ENGINEERING INC		461661962
b. GCES ENGINEERING SERVICES LLC		461012695
c. HR ENGINEERING SERVICES INC		650849633
d. ARCHITECTS INTERNATIONAL INC		592032355
e. ALL AMERICAN BARRICADES CORP		650827246
f. GEOVIEW, INC		593651879
g. GROUND PENETRATING RADAR SYSTEMS LLC		311803412
h. JAM ENVIRONMENTAL & VACCUM SERVICES LLC		900420636
i. TESTAMERICA LABORATORIES INC	EUROFINS TESTAMERICA	232919996
j. PACE ANALYTICAL SERVICES LLC		411821617
k. JAEE ENVIRONMENTAL SERVICES INC		650289079
l. WOMBAT ENVIRONMENTAL, L.L.C.		651083767
m. E.T.D., INC. D/B/A EARTH TECH DRILLING		043643895
n. WD ENVIRONMENTAL SERVICES INC		272565315
o. DIVERSIFIED PROFESSIONAL SERVICES CORP		208581072
p. CARBON WORKS USA LLC		821311650
q. EMSL ANALYTICAL INC		222357101
r. EUROFINS EPK BUILT ENVIRONMENT TESTING LLC	EUROFINS EMLAB P&K	271956592
s. CLARK ENVIRONMENTAL INC		593061371
t. US ECOLOGY TAMPA, INC.		200414157

EXHIBIT "E"

DATE: April 19, 2021

Memorandum

MIAMI-DADE COUNTY

TO: Namita Uppal, Chief Procurement Officer
Internal Services Department

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

SUBJECT: Compliance Review
Project No. E20-WASD-02B
Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations And Materials Testing Services Related To The Improvement, Upgrades And Expansions Of Water And Wastewater Treatment Plants, Pump Stations, Collection, Etc.

Small Business Development (SBD), a Division of the Internal Services Department, has completed its review of the subject project for compliance with the Small Business Enterprise (SBE-A&E) Program for Architectural and Engineering Services. The contract measure established for this project is a 20% SBE-A&E sub-consultant goal.

The Strategic Procurement Division of the Internal Services Department submitted proposals that included the Certificate of Assurance for the firms listed below acknowledging the 20% SBE-A&E measure. All referenced firms also submitted their Utilization Plan (UP) identifying the SBE sub-consultants to fulfill the 20% SBE-A&E sub-consultant goal via the Business Management Workforce System (BMWS). Please find the results of SBD's compliance review below:

STATUS:

1.	Radise International, L.C.	Compliant
2.	Professional Service Industries. Inc.	Compliant
3.	Terracon Consultants, Inc.	Compliant
4.	Tierra South Florida, Inc.	Compliant
5.	Universal Engineering Sciences, LLC.	Compliant
6.	Wingerter Laboratories Inc	Compliant
7.	Wood Environment & Infrastructure Solutions, Inc.	Compliant

SUMMARY:

Radise International, L.C. (#1), a certified SBE-A&E firm, committed to utilize the following certified, SBE-A&E firms: American Testing Materials Engineering LLC to perform Technical Certification Categories (TC's) 9.02 (Soils, Foundations and Material Testing - Geotechnical and Materials Engineering Services), 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services), 9.04 (Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections), 10.05 (Environmental Engineering – Contamination Assessment and Monitoring), 10.06 (Environmental Engineering – Remedial Action Plan Design) and 10.07 (Environmental Engineering – Remedial Action Plan Implementation/Operation/Maintenance) at 9.00%; GCES Engineering Services, LLC to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services), 9.02 (Soils, Foundations and Material Testing- Geotechnical and Materials Engineering Services), 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services) and 9.04 (Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections) at 9.00% and Hydrodesigns, LLC to perform TC 10.02 (Environmental Engineering – Geology Services) at 2.00% in satisfaction of the 20% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by Radise International, L.C. and confirmed by the sub-consultants listed to achieve the 20% SBE-A&E goal.

Radise International, L.C. is in compliance with the 20% SBE-A&E sub-consultant goal.

Professional Service Industries. Inc. (#2), a non-certified SBE-A&E firm, committed to utilize the following certified, SBE-A&E firms: Blascom Engineering, Inc. to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services), 9.02 (Soils, Foundations and Material Testing - Geotechnical and Materials Engineering Services), 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services) and 9.04 (Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections) at 13.00%; EBS Engineering, Inc. to perform TC's 9.06 (Soils, Foundations and Material Testing – Asbestos), 10.05 (Environmental Engineering – Contamination Assessment and Monitoring), 10.06 (Environmental Engineering – Remedial Action Plan Design) and 10.07 (Environmental Engineering – Remedial Action Plan Implementation/Operation/Maintenance) at 4.00% and HR Engineering Services, Inc. to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services) and 9.02 (Soils, Foundations and Material Testing- Geotechnical and

Materials Engineering Services) at 8.00% in satisfaction of the 20% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by Professional Service Industries. Inc. and confirmed by the sub-consultants listed to achieve the 20% SBE-A&E goal.

Professional Service Industries. Inc. is in compliance with the 20% SBE-A&E sub-consultant goal.

Terracon Consultants, Inc. (#3), a non-certified SBE-A&E firm, committed to utilize the following certified, SBE-A&E firms: Blascom Engineering, Inc. to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services), 9.02 (Soils, Foundations and Material Testing- Geotechnical and Materials Engineering Services), 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services) and 9.04 (Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections) at 9.00%; GCES Engineering Services, LLC to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services), 9.02 (Soils, Foundations and Material Testing- Geotechnical and Materials Engineering Services), 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services) and 9.04 (Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections) at 6.00% and HR Engineering Services, Inc. to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services) and 9.02 (Soils, Foundations and Material Testing - Geotechnical and Materials Engineering Services) at 5.00% In satisfaction of the 20% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by Terracon Consultants, Inc. and confirmed by the sub-consultants listed to achieve the 20% SBE-A&E goal.

Terracon Consultants, Inc. is in compliance with the 20% SBE-A&E sub-consultant goal.

Tierra South Florida, Inc. (#4), a certified SBE-A&E firm, committed to utilize the following certified, SBE-A&E firms: EBS Engineering, Inc. to perform TC's 9.06 (Soils, Foundations and Material Testing – Asbestos), 10.05 (Environmental Engineering – Contamination Assessment and Monitoring), 10.06 (Environmental Engineering – Remedial Action Plan Design) and 10.07 (Environmental Engineering – Remedial Action Plan Implementation/Operation/Maintenance) at 5.00%; GCES Engineering Services, LLC to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services), 9.02 (Soils, Foundations and Material Testing- Geotechnical and Materials Engineering Services), 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services) and 9.04 (Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections) at 10.00% and Nadic Engineering Services, Inc. to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services), 9.02 (Soils, Foundations and Material Testing- Geotechnical and Materials Engineering Services) and 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services) at 10.00% in satisfaction of the 20% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by Tierra South Florida, Inc. and confirmed by the sub-consultants listed to achieve the 20% SBE-A&E goal.

Tierra South Florida, Inc. is in compliance with the 20% SBE-A&E sub-consultant goal.

Universal Engineering Sciences, LLC. (#5), a non-certified SBE-A&E firm, committed to utilize HR Engineering Services, Inc., a certified, SBE-A&E firm to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services) and 9.02 (Soils, Foundations and Material Testing - Geotechnical and Materials Engineering Services) at 20.00% in satisfaction of the 20% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by Universal Engineering Sciences, LLC. and confirmed by the sub-consultant listed to achieve the 20% SBE-A&E goal.

Universal Engineering Sciences, LLC. is in compliance with the 20% SBE-A&E sub-consultant goal.

Wingerter Laboratories Inc (#6), a non-certified SBE-A&E firm, committed to utilize the following certified, SBE-A&E firms: American Testing Materials Engineering LLC to perform TC's 9.02 (Soils, Foundations and Material Testing- Geotechnical and Materials Engineering Services), 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services), 9.04 (Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections), 10.05 (Environmental Engineering – Contamination Assessment and Monitoring), 10.06 (Environmental Engineering – Remedial Action Plan Design) and 10.07 (Environmental Engineering – Remedial Action Plan Implementation/Operation/Maintenance) at 10.00%; EBS Engineering, Inc. to perform TC's 9.06 (Soils, Foundations and Material Testing – Asbestos), 10.05 (Environmental Engineering – Contamination Assessment and Monitoring), 10.06 (Environmental Engineering – Remedial Action Plan Design) and 10.07 (Environmental Engineering – Remedial Action Plan Implementation/Operation/Maintenance) at 5.00% and Environmental Regulatory Compliance Inc (ERC) to perform TC's 10.02 (Environmental Engineering – Geology Services) and 10.05 (Environmental Engineering – Contamination Assessment and Monitoring) at 5.00% in satisfaction of the 20% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by Wingerter Laboratories Inc confirmed by the sub-consultants listed to achieve the 20% SBE-A&E goal.

Wingerter Laboratories Inc is in compliance with the 20% SBE-A&E sub-consultant goal.

Wood Environment & Infrastructure Solutions, Inc. (#7), a non-certified SBE-A&E firm, committed to utilize the following certified, SBE-A&E firms: Barnes, Ferland and Associates, Inc. to perform TC's 10.02 (Environmental Engineering – Geology Services), 10.05 (Environmental Engineering – Contamination Assessment and Monitoring), 10.06 (Environmental Engineering – Remedial Action Plan Design) and 10.07 (Environmental Engineering – Remedial Action Plan Implementation/Operation/Maintenance) at 5.00%; EBS Engineering, Inc. to perform TC's 9.06 (Soils, Foundations and Material Testing – Asbestos), 10.05 (Environmental Engineering – Contamination Assessment and Monitoring), 10.06 (Environmental Engineering – Remedial Action Plan Design) and 10.07 (Environmental Engineering – Remedial Action Plan Implementation/Operation/Maintenance) at 5.00% and GCES Engineering Services, LLC to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services), 9.02 (Soils, Foundations and Material Testing- Geotechnical and Materials Engineering Services), 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services) and 9.04 (Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections) at 10.00% in satisfaction of the 20% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by Wood Environment & Infrastructure Solutions, Inc. and confirmed by the sub-consultants listed to achieve the 20% SBE-A&E goal.

Wood Environment & Infrastructure Solutions, Inc. is in compliance with the 20% SBE-A&E sub-consultant goal.

SBD verified that none of the previously referenced firms are listed with an open violation on the April 19, 2021 Compliance Report of Open and Closed Small Business, Wage and/or Workforce Violations.

Please be reminded that SBD's review is specific to the SBE-A&E program. The Strategic Procurement Division of the Internal Services Department is responsible for any other issues that may exist during the selection process.

Should you have any questions or need any additional information, please do not hesitate to contact Mr. Caesar Suarez, SBD Capital Improvement Project Specialist at caesars@miamidade.gov or (305) 375-3141.

C: Laurie Johnson, ISD
Amado Gonzalez, ISD

EXHIBIT "F"

FIRST TIER MEETING
August 5, 2021
WATER AND SEWER DEPARTMENT

GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, DISTRIBUTION AND TRANSMISSION PIPING, AND ALL RELATED FACILITIES AS NECESSARY TO ENSURE QUALITY CONTROL/ASSURANCE FOR WASD'S CAPITAL IMPROVEMENT PROJECTS

TABULATION SHEET
ISD PROJECT NO. E20-WASD-02B

	NAME OF FIRM(S)	COMPETITIVE SELECTION COMMITTEE					SUB-TOTAL	TOTAL & ADJ. QUALITATIVE SCORE	TOTAL ADJ. ORDINAL SCORES	ORDINAL RANKING	FINAL RANK
		LI Gurau, WASD	Harold Concepcion, WASD	Margaret Moss, WASD	Raquel Rosal, Seaport	Marlin Brinson, PROS					
1	Wood Environmental & Infrastructure Solutions, Inc. (LOCAL)										
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	45	40	50	42	45	222				
	2A - Knowledge and Past Experience of similar type projects (Max. 20 points)	17	18	20	17	16	88				
	3A - Past Performance of the Firms (Max. 20 points)	17	16	18	17	17	85				
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	5	5	5	5	4	24				
	5A - Ability of team members to interface with the County (Max 5 points)	4	3	5	5	5	22				
		88	82	98	86	87		441			
	Ordinal Scores	7	6	2	4	3					
	Dropped Ordinal Scores	7		2					13	4	4
	Dropped Qualitative Scores		82	98				261			
	Tie-Breaker(CSC Ords)-Criterion 1A,2A,3A,4A,5A, then Total Qual. Points for 1A,2A,3A,4A,5A.										
	Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A,5A										
2	Tierra South Florida, Inc. (LOCAL)										
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	48	42	47	41	43	221				
	2A - Knowledge and Past Experience of similar type projects (Max. 20 points)	18	18	19	16	14	85				
	3A - Past Performance of the Firms (Max. 20 points)	18	16	10	16	11	71				
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	2	2	3	3	1	11				
	5A - Ability of team members to interface with the County (Max 5 points)	5	4	5	5	4	23				
		91	82	84	81	73		411			
	Ordinal Scores	5	4	5	7	6					
	Dropped Ordinal Scores		4		7				16	6	6
	Dropped Qualitative Scores	91				73		247			
	Tie-Breaker(CSC Ords)-Criterion 1A,2A,3A,4A,5A, then Total Qual. Points for 1A,2A,3A,4A,5A.										
	Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A,5A										

FIRST TIER MEETING
August 5, 2021
WATER AND SEWER DEPARTMENT

GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, DISTRIBUTION AND TRANSMISSION PIPING, AND ALL RELATED FACILITIES AS NECESSARY TO ENSURE QUALITY CONTROL/ASSURANCE FOR WASD'S CAPITAL IMPROVEMENT PROJECTS

TABULATION SHEET
ISD PROJECT NO. E20-WASD-02B

		COMPETITIVE SELECTION COMMITTEE									
		Li Gurau, WASD	Harold Concepcion, WASD	Margaret Moss, WASD	Raquel Rosal, Seaport	Marlin Brinson, PROS	SUB-TOTAL	TOTAL & ADJ. QUALITATIVE SCORE	TOTAL ADJ. ORDINAL SCORES	ORDINAL RANKING	FINAL RANK
3	Universal Engineering Services LLC (LOCAL)										
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	46	46	45	45	41	223				
	2A - Knowledge and Past Experience of similar type projects (Max. 20 points)	18	18	20	17	14	87				
	3A - Past Performance of the Firms (Max. 20 points)	18	18	8	17	15	76				
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	4	5	5	5	3	22				
	5A - Ability of team members to interface with the County (Max 5 points)	5	5	5	5	5	25				
		91	92	83	89	78		433			
	Ordinal Scores	6	3	6	2	5					
	Dropped Ordinal Scores	6			2				14	5	5
	Dropped Qualitative Scores		92			78		263			
	Tie-Breaker(CSC Ords)-Criterion 1A,2A,3A,4A,5A, then Total Qual. Points for 1A,2A,3A,4A,5A.										
	Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A,5A										
4	Radise International LC. (LOCAL)										
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	48	48	50	40	42	228				
	2A - Knowledge and Past Experience of similar type projects (Max. 20 points)	18	20	20	17	13	88				
	3A - Past Performance of the Firms (Max. 20 points)	17	18	20	17	19	91				
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	4	4	4	4	2	18				
	5A - Ability of team members to interface with the County (Max 5 points)	5	5	5	5	4	24				
		92	95	99	83	80		449			
	Ordinal Scores	4	2	1	5	4					
	Dropped Ordinal Scores			1	5				10	3	3
	Dropped Qualitative Scores			99		80		270			
	Tie-Breaker(CSC Ords)-Criterion 1A,2A,3A,4A,5A, then Total Qual. Points for 1A,2A,3A,4A,5A.										
	Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A,5A										
5	Wingerter Laboratories, Inc. (LOCAL)										
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	49	40	30	40	39	198				
	2A - Knowledge and Past Experience of similar type projects (Max. 20 points)	18	16	8	16	11	69				
	3A - Past Performance of the Firms (Max. 20 points)	17	16	10	16	13	72				
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	5	5	5	5	5	25				
	5A - Ability of team members to interface with the County (Max 5 points)	4	3	5	5	3	20				
		93	80	58	82	71		384			
	Ordinal Scores	3	7	7	6	7					
	Dropped Ordinal Scores	3		7					20	7	7
	Dropped Qualitative Scores	93		58				233			
	Tie-Breaker(CSC Ords)-Criterion 1A,2A,3A,4A,5A, then Total Qual. Points for 1A,2A,3A,4A,5A.										
	Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A,5A										

FIRST TIER MEETING

August 5, 2021

WATER AND SEWER DEPARTMENT

GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, DISTRIBUTION AND TRANSMISSION PIPING, AND ALL RELATED FACILITIES AS NECESSARY TO ENSURE QUALITY CONTROL/ASSURANCE FOR WASD'S CAPITAL IMPROVEMENT PROJECTS

TABULATION SHEET
ISD PROJECT NO. E20-WASD-02B

		COMPETITIVE SELECTION COMMITTEE									
		Li Gurau, WASD	Harold Concepcion, WASD	Margaret Moss, WASD	Raquel Rosal, Soaport	Marlin Brinson, PROS	SUB-TOTAL	TOTAL & ADJ. QUALITATIVE SCORE	TOTAL ADJ. ORDINAL SCORES	ORDINAL RANKING	FINAL RANK
6	Professional Service Industries, Inc. (LOCAL)										
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	48	48	50	46	47	239				
	2A - Knowledge and Past Experience of similar type projects (Max. 20 points)	19	20	20	16	18	93				
	3A - Past Performance of the Firms (Max. 20 points)	19	18	17	18	17	89				
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	3	4	3	3	1	14				
	5A - Ability of team members to interface with the County (Max 5 points)	5	5	5	5	5	25				
		94	95	95	88	88		460			
	Ordinal Scores	2	1	3	3	2					
	Dropped Ordinal Scores		1		3				7	2	2
	Dropped Qualitative Scores		95			88		277			
	Tie-Breaker(CSC Ords)-Criterion 1A,2A,3A,4A,5A, then Total Qual. Points for 1A,2A,3A,4A,5A.										
	Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A,5A										
7	Terracon Consultants, Inc. (LOCAL)										
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	49	42	48	47	48	234				
	2A - Knowledge and Past Experience of similar type projects (Max. 20 points)	19	16	20	17	18	90				
	3A - Past Performance of the Firms (Max. 20 points)	18	16	15	19	17	85				
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	4	5	4	4	3	20				
	5A - Ability of team members to interface with the County (Max 5 points)	5	3	5	5	4	22				
		95	82	92	92	90		451			
	Ordinal Scores	1	5	4	1	1					
	Dropped Ordinal Scores	1	5						6	1	1
	Dropped Qualitative Scores	95	82					274			
	Tie-Breaker(CSC Ords)-Criterion 1A,2A,3A,4A,5A, then Total Qual. Points for 1A,2A,3A,4A,5A.										
	Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A,5A										

Amado Gonzalez, Chairperson

EXHIBIT "G"

RECEIVED BY CLERK
Circuit & County Courts
Miami-Dade County, Florida
FILED FOR RECORD
3:29 pm, 11/05/2021
CLERK OF THE BOARD

Memorandum

MIAMI-DADE COUNTY

Date: September 30, 2021

To: Roy Coley, Director
Water and Sewer Department

Through: Namita Uppal, C.P.M., Chief Procurement Officer
Internal Services Department

Digitally signed by Namita Uppal
DN: cn=Namita Uppal, o=Miami Dade County, ou=Chief Procurement Officer, email=uppaln@miamidade.gov, c=US
Date: 2021.10.01 00:41:12 -04'00'

From: Amado Gonzalez, Consultant Selection Coordinator
Chairperson, Competitive Selection Committee

Subject: NEGOTIATION AUTHORIZATION
Miami-Dade County Water and Sewer Department (WASD)
Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Materials Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pump Stations, Collection, Distribution and Transmission Piping, and all Related Facilities as Necessary to Ensure Quality Control/Assurance for WASD's Capital Improvement Projects
ISD Project No. E20-WASD-02B (SBE Goal)

The Competitive Selection Committee has completed the evaluation of the proposals submitted in response to the referenced Internal Services Department (ISD) solicitation and consistent with the guidelines published in the Notice to Professional Consultants (NTPC).

ISD Project No.: E20-WASD-02B (SBE Goal)

Project Title: Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Materials Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pump Stations, Collection, Distribution and Transmission Piping, and all Related Facilities as Necessary to Ensure Quality Control/Assurance for WASD's Capital Improvement Projects (CIP)

Scope of Services Summary: The Consultants will provide soils, foundations, geotechnical and materials testing services plus special structural integrity assessments, threshold building inspections, and other special inspections as necessary for the new facilities, refurbishments, design and construction of all projects included in the CIP schedule.

Experience and Qualifications: Please refer to the attached "Preferred Experience and Qualifications."

Term and Estimated Cost of Contract: The County intends to retain two (2) qualified consultants under two (2) separate non-exclusive Professional Services Agreements each with an effective term of five (5) years. Each Professional Services Agreement has a total maximum compensation of $4,000,000, plus a ten percent (10%) contingency in accordance with Ordinance 00-65.

Small Business Enterprise Goal: On June 29, 2020, the Internal Services Department's Small Business Development Division established a 20% Small Business Enterprise – Architectural & Engineering Goal for this project.

Advertisement Date: January 15, 2021.

Number of Proposals Received: Seven (7) proposals were received by the submittal deadline of February 19, 2021.

Name of Proposers: Please refer to the attached List of Respondents.

Small Business Enterprise Compliance Review: All reviewed proposals were deemed in compliance. Please refer to the attached Compliance Review Memorandum dated April 19, 2021.

Selection Process: The Architectural and Engineering professional services solicitation process is a two-tiered selection process; First Tier is the Evaluation of Experience and Qualifications, and Second Tier is the Oral Presentations. The First Tier is the evaluation of the firms' current statements of experience, qualifications and performance data. The Second Tier is the evaluation of the shortlisted firms' knowledge of project scope, qualifications of team members assigned to the project, and ability to provide the required services within schedule and budget, as demonstrated through an oral presentation from firms deemed responsive and responsible at the First Tier.
Note: The Competitive Selection Committee may waive the Second Tier selection process by a majority vote and base their selection on the results of the First Tier ranking only.

First Tier Results: The First Tier meeting was held on August 5, 2021. The Competitive Selection Committee was tasked with evaluating the experience and qualifications of the Proposers, and scoring and ranking the proposals in accordance with the evaluation criteria outlined in the solicitation. The Competitive Selection Committee scored all responsive proposals. During the evaluation process, all ties were broken using the standard tie-breaking procedure, as described in Section 3.3, Proposal Evaluation, of the Notice to Professional Consultants. Please refer to the attached First Tier Tabulation Sheet.

Second Tier Results: Based on the Competitive Selection Committee's professional judgement, the information provided in the proposals was deemed sufficient to determine the experience and qualifications of the Proposers. As a result, and by a majority vote, the Competitive Selection Committee decided to forego Second Tier proceedings.

Request for Appointment of Negotiation Committee: Pursuant to Section 2-10.4(6) of the Code of Miami-Dade County, the Internal Services Department hereby requests that the County Mayor or County Mayor's designee approve the following Negotiation Committee:

- Amado Gonzalez, A&E Consultant Selection Coordinator, Non-Voting Chairperson, ISD
- Harold Concepcion, PMO Director, Water and Sewer Department (WASD)
- Margaret Moss, Chief Small Business Initiatives, WASD
- Marlin Brinson, Professional Engineer, Parks Recreation and Open Spaces

Request for Authorization to Enter Negotiations: Pursuant to Section 2-10.4 (6) of the Code of Miami-Dade County, it is hereby requested that the County Mayor or County Mayor's designee approve the selection of the following firms for the purpose of negotiating two (2) non-exclusive Professional Services Agreements for this solicitation, in accordance with the Competitive Selection Committee's recommendation:

RANKING OF RESPONDENTS

Terracon Consultants, Inc.
Final Ranking – 1
Total Adjusted Ordinal Score – 6
Total Adjusted Qualitative Points – 274

Professional Service Industries, Inc.
Final Ranking – 2
Total Adjusted Ordinal Score – 7
Total Adjusted Qualitative Points – 277

The following firms will serve as alternates:

Radise International LC.
Final Ranking – 3
Total Adjusted Ordinal Score – 10
Total Adjusted Qualitative Points – 270

Wood Environmental & Infrastructure Solutions, Inc.
Final Ranking – 4
Total Adjusted Ordinal Score – 13
Total Adjusted Qualitative Points – 261

Universal Engineering Services LLC
Final Ranking – 5
Total Adjusted Ordinal Score – 14
Total Adjusted Qualitative Points – 263

Tierra South Florida, Inc.
Final Ranking – 6
Total Adjusted Ordinal Score – 16
Total Adjusted Qualitative Points – 247

Wingerter Laboratories, Inc.
Final Ranking – 7
Total Adjusted Ordinal Score – 20
Total Adjusted Qualitative Points – 233

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

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

If approved, the Negotiation Committee will proceed with contract negotiations in accordance with Section 2-10.4(6) of the Code of Miami-Dade County, and submit the signed contracts to be presented to the Board of County Commissioners for final approval, no later than 60 days from the

date of this memorandum.

If satisfactory agreements cannot be reached within the 60 day period, a report is required to be prepared explaining all issues resulting from the negotiations. If negotiations are proceeding within a reasonable timeframe, then negotiations will continue and the report will be submitted upon completion. The final contracts and report should be sent to the Internal Services Department, Architectural and Engineering Unit.

Approved:

11/5/21
Date

Roy Coley
Director

Attachments:
1. Preferred Experience and Qualifications
2. List of Respondents
3. SBD Compliance Review
4. First Tier Tabulation Sheet

c: Competitive Selection Committee
Clerk of the Board of County Commissioners

EXHIBIT "H"

Capital Improvements Information System

Contractor Evaluations Report (All Contracts)

Dept	Contract	Type	Contractor / Architect Name	Date	Rater	Period	Rate
AV	E06-PW-02O	PSA	Terracon Consultants, Inc.	7/30/2014	Juan Carlos Arteaga	Project conclusion or closeout	4.0
LB	EDP-LB-CGRF-1	EDP	Terracon Consultants, Inc.	11/12/2020	Marlene Blanco	Project conclusion or closeout	3.9
LB	EDP-LB-CGRF-1	EDP	Terracon Consultants, Inc.	3/25/2019	Alice Arguelles	Completion of study or design	4.0
PW	20060089-Terracon	PSA	Terracon Consultants, Inc.	10/28/2014	Brian Trujillo, P.E.	Completion of study or design	3.9
SW	EDP-SW-19M002	EDP	Terracon Consultants, Inc.	6/2/2021	Patricia Cicero	Interim	3.0
WS	E15-WASD-13 B WO: 030	PSA	Terracon Consultants, Inc.	8/25/2021	Huren An (Jeff)	Completion of study or design	3.0
WS	E15-WASD-13 B WO: 006 Rev 01	PSA	Terracon Consultants, Inc.	8/26/2021	Huren An (Jeff)	Completion of study or design	3.0
WS	E15-WASD-13 B WO: 019	PSA	Terracon Consultants, Inc.	9/8/2021	Huren An (Jeff)	Completion of study or design	3.0
WS	EDP-WS-364	EDP	Terracon Consultants, Inc.	10/12/2021	Alex Retamar	Project conclusion or closeout	3.9
WS	E15-WASD-13 B WO: 020	PSA	Terracon Consultants, Inc.	6/15/2018	Daniel Edwards	Completion of construction	4.0
WS	E15-WASD-13 B WO: 020	PSA	Terracon Consultants, Inc.	7/24/2018	Huren An (Jeff)	Completion of study or design	4.0
WS	E15-WASD-13 B WO: 021	PSA	Terracon Consultants, Inc.	11/26/2018	Huren An (Jeff)	Completion of study or design	4.0
WS	E15-WASD-13 B WO: 032	PSA	Terracon Consultants, Inc.	3/1/2019	James Ferguson	Completion of study or design	3.0
WS	E15-WASD-13 B WO: 033	PSA	Terracon Consultants, Inc.	3/22/2019	James Ferguson	Project conclusion or closeout	3.0
WS	E15-WASD-13 B WO: 093	PSA	Terracon Consultants, Inc.	11/18/2020	Amanda Kinnick	Completion of study or design	4.0
WS	E15-WASD-13 B WO: 092	PSA	Terracon Consultants, Inc.	11/18/2020	Amanda Kinnick	Completion of study or design	4.0
WS	E15-WASD-13 B	PSA	Terracon Consultants, Inc.	12/29/2020	Rolando M Roque	Completion of study or design	4.0
WS	E15-WASD-13 B WO: 79	PSA	Terracon Consultants, Inc.	3/3/2021	Juan Curiel, P.E.	Completion of study or design	3.6
WS	E15-WASD-13 B WO: 034	PSA	Terracon Consultants, Inc.	3/28/2019	James Ferguson	Project conclusion or closeout	3.0
WS	E15-WASD-13 B WO: 051	PSA	Terracon Consultants, Inc.	6/25/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 B WO: 052	PSA	Terracon Consultants, Inc.	6/27/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 B WO: 038	PSA	Terracon Consultants, Inc.	7/2/2019	Huren An (Jeff)	Project conclusion or closeout	4.0
WS	E15-WASD-13 B WO: 067	PSA	Terracon Consultants, Inc.	7/16/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 B WO: 62	PSA	Terracon Consultants, Inc.	7/24/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 B WO: 55	PSA	Terracon Consultants, Inc.	8/20/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 B WO: 022	PSA	Terracon Consultants, Inc.	8/20/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 B WO: 058	PSA	Terracon Consultants, Inc.	9/18/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 B WO: 018	PSA	Terracon Consultants, Inc.	11/27/2019	James Ferguson	Project conclusion or closeout	3.0
WS	E15-WASD-13 B WO: 063	PSA	Terracon Consultants, Inc.	1/9/2020	Gary Clarke	Project conclusion or closeout	3.2
WS	E15-WASD-13 B WO: 66	PSA	Terracon Consultants, Inc.	2/26/2020	Juan Curiel, P.E.	Project conclusion or closeout	3.5
WS	E15-WASD-13 B WO: 027	PSA	Terracon Consultants, Inc.	4/23/2020	Huren An (Jeff)	Completion of study or design	3.4
WS	E15-WASD-13 B	PSA	Terracon Consultants, Inc.	4/23/2020	Gary Clarke	Project conclusion or closeout	3.2
WS	E15-WASD-13 B WO: 028	PSA	Terracon Consultants, Inc.	5/1/2020	Huren An (Jeff)	Completion of study or design	3.3

WS	E15-WASD-13 B WO: 020	PSA	Terracon Consultants, Inc.	5/1/2020	Huren An (Jeff)	Completion of study or design 3.3
WS	E15-WASD-13 B WO: 004	PSA	Terracon Consultants, Inc.	5/1/2020	Huren An (Jeff)	Completion of study or design 3.3
WS	E15-WASD-13 B WO: 003	PSA	Terracon Consultants, Inc.	5/1/2020	Huren An (Jeff)	Completion of study or design 3.5
WS	E15-WASD-13 B WO: 76	PSA	Terracon Consultants, Inc.	5/1/2020	Huren An (Jeff)	Completion of study or design 3.7
WS	E15-WASD-13 B WO: 026	PSA	Terracon Consultants, Inc.	5/4/2020	Huren An (Jeff)	Completion of study or design 3.4
WS	E15-WASD-13 B WO: 023	PSA	Terracon Consultants, Inc.	5/5/2020	Huren An (Jeff)	Completion of study or design 3.0
WS	E15-WASD-13 B WO: 029	PSA	Terracon Consultants, Inc.	5/5/2020	Huren An (Jeff)	Completion of study or design 4.0
WS	E15-WASD-13 B WO: 56	PSA	Terracon Consultants, Inc.	5/6/2020	Huren An (Jeff)	Completion of study or design 3.7
WS	E15-WASD-13 B WO: 60	PSA	Terracon Consultants, Inc.	5/6/2020	Huren An (Jeff)	Completion of study or design 3.5
WS	E15-WASD-13 B WO: 042	PSA	Terracon Consultants, Inc.	5/18/2020	Miguel Pichardo	Project conclusion or closeout 4.0
WS	E15-WASD-13 B WO: 014	PSA	Terracon Consultants, Inc.	5/27/2020	Rolando M Roque	Project conclusion or closeout 3.9
WS	E15-WASD-13 B WO: 68	PSA	Terracon Consultants, Inc.	5/29/2020	Juan Curiel, P.E.	Completion of study or design 3.5
WS	E15-WASD-13 B WO: 014	PSA	Terracon Consultants, Inc.	7/15/2020	Rolando M Roque	Project conclusion or closeout 3.9
WS	E15-WASD-13 B WO: 011	PSA	Terracon Consultants, Inc.	7/15/2020	Rolando M Roque	Project conclusion or closeout 3.9
WS	E15-WASD-13 B WO: 013	PSA	Terracon Consultants, Inc.	7/15/2020	Rolando M Roque	Project conclusion or closeout 3.9
WS	E15-WASD-13 B WO: 78	PSA	Terracon Consultants, Inc.	8/18/2020	RAUL ESPERON	Project conclusion or closeout 4.0

Evaluation Count: 49 Contractors: 1 Average Evaluation: 3.6

EXHIBIT "I"

Generated by Patrick Hines Jr, Miami-Dade County on 12/17/2021

Help & Tools

Vendor Profile: Contracts

General | Public Profile | Users | Commodity Codes | Contacts & Owners | Comments | Certifications | Contracts | Concessions | Site Visits | Workforce Comp/EEO | EDP Registrations | Reports

Terracon Consultants, Inc., DBA **Terracon**

System Vendor Number: **20052084**

Listed below are the contracts to which this vendor is assigned.

Contracts as Prime Contractor

Actions	Contract Number & Title	Prime Contact	Status	Dates	Award Amount	Paid Amount
View	EDP-SW-17945-21: 3B TRUCK WASH ROOF REPAIRS	Hugo E. Soto (change)		2/17/2021 to 2/17/2026	$27,550	$0
View	EDP-LB-CGRF-1: Assessment Coconut Grove Library Roof	Hugo E. Soto (change)		9/18/2018 to 9/18/2023	$63,110	$0
View	EDP-SW-19M002: FEMA ROOF REPAIRS MULTIPLE SITES	Hugo E. Soto (change)		3/25/2019 to 3/25/2024	$117,345	$80,218
View	EDP-ID-W190023: ITD - 3rd Floor Asbestos Survey	Hugo E. Soto (change)		5/29/2020 to 5/29/2025	$2,894	$0
View	E15-PWWM-09_0010: MISCELLANEOUS PROFESSIONAL SERVICES AGREEMENTS TO PROVIDE MATERIALS TESTING/CONSULTING/TRAINING SERVICES	Hugo E. Soto (change)		11/1/2016 to 10/31/2019	$0	$66,895
View	EDP-ID-W20CMT01: Multiple Construction Materials Testing Services	Hugo E. Soto (change)		8/12/2020 to 8/12/2025	$200,000	$47,107
View	EDP-ID-W20MA01: Multiple Mold Assessment & Indoor Air Quality Services	Hugo E. Soto (change)		8/14/2020 to 8/14/2025	$200,000	$2,344
View	EDP-ID-T-S160668: NF-FUMD ICE PLANT FLOOR VIBRATION STUDY	Hugo E. Soto (change)	Closed	12/1/2016 to 12/31/2019	$5,400	$5,322
View	E15-WASD-13_0003: NF-GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, DISTRIBU	Hugo E. Soto (change)		10/3/2016 to 12/31/2019	$2,200,000	$2,010,130
View	EDP-ID-T-Z000130-1: NF-ISD/FUMD/DATA CENTER ABATEMENT OF HAZARDOUS MATERIALS	Hugo E. Soto (change)		11/23/2016 to 12/31/2019	$28,000	$12,351
View	E15-PWWM-08_0008: NF-MISCELLANEOUS PROFESSIONAL SERVICES AGREEMENTS TO PROVIDE SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES	Hugo E. Soto (change)		12/6/2016 to 12/5/2019	$0	$207,917
View	EDP-WS-364: Replacement of 12 " and 18" FM on NE 183rd St. and Island Blvd. from PS499 to PS471 (HR)	Hugo E. Soto (change)		7/14/2020 to 7/14/2025	$71,702	$0
View	EDP-LB-18401-20: Roof Replacement Design and Engineering Services	Hugo E. Soto (change)		3/10/2020 to 3/10/2025	$200,000	$6,061

View	EDP-WS-SR-371: Soil, Foundations and Material Testing Services - Joint Participation Agreement FDOT	Hugo E. Soto (change)	3/30/2021 to 3/30/2026	$87,906	$0
View	6969-0/14_0006: WELL DRILLING SVCS(MONITORING WELLS)PREQ	Sheree Brown (change)	6/1/2012 to 8/31/2019	$0	$15,000
			Number of contracts as prime: 15	$3,203,907	$2,453,344

Contracts as Subcontractor

Actions	Contract Number & Title	Sub Contact	Status	Prime	Current Subcontract	Paid Amount
View	E15-MDT-03_0002: CONTINUOUS PROFESSIONAL SERVICES FOR FEDERALLY FUNDED PROJECTS	Hugo E. Soto (change)		HNTB Corporation	$0 0.00%	$0
View	TDB14WASD03: Design-Build - Furnish and Install a 48-inch Diameter Water Transmission Main for Area N (Contract 16FCI001)	Hugo E. Soto (change)		Garney Companies, Inc.	$0 0.00%	$0
View	TDB15WASD3: DESIGNBUILD - WM DOWNTOWN LOOP	Hugo E. Soto (change)		RIC-MAN CONSTRUCTION FLORIDA, INC.	$0 0.00%	$11,988
View	TDB18WASD2: Designbuild Thickening Sludge	Corrine Pinky (change)		Poole & Kent Company of Florida	$0 0.00%	$41,966
View	EDP-MT-CIP134-1: Government Center Station Roof & Fire Suppression DCP-1	Jim duncan (change)	Closed	Keith Martin Architects, Inc.	$0 0.00%	$0
View	E14-MDAD-02: INSPECTION SERVICES AND ENVIRONMENTAL OVERSIGHT	Hugo E. Soto (change)		Nova Consulting, Inc.	$0 0.00%	$0
View	E16-MDAD-09: MIA CENTRAL BASE APRON AND UTILITIES MODIFICATIONS AND EXPANSION	Hugo E. Soto (change)		Atkins North America, Inc.	$0 0.00%	$186,424
View	EDP-MT-20190196: NE 10 Av Bridge 874178 Replacement	Jim duncan (change)		ASA Consultants, INC.	$0 0.00%	$0
View	E15-PWWM-02: NF-CONSTRUCTION ENGINEERING AND INSPECTION SERVICES & FLORIDA DEPARTMENT OF TRANSPORTATION LOCAL AGENCY PROGRAM COMPLIANCE SERVICES FOR TAMIAMI CANAL BRIDGE REPLACEMENT	Hugo E. Soto (change)		PINNACLE CONSULTING ENTERPRISES, INC.	$0 0.00%	$8,112
View	E13-WASD-05: NF-DESIGN SERVICES FOR WASTEWATER TREATMENT PLANTS RELATED TO THE CONSENT DECREE PROJECTS (SIC 871)	Hugo E. Soto (change)		Stantec Consulting Services, Inc.	$0 0.00%	$84,361
View	E16-WASD-03_0001: NF-DESIGN SERVICES FOR WASTEWATER TREATMENT PLANTS RELATED TO THE OCEAN OUTFALL LEGISLATION PROJECTS	Kevin Langwell (change)		Brown and Caldwell	$15,000 0.05%	$12,166
View	A15-PROS-05 GOB: NF-PROS FULL SERVICES PSA - REGION C	Hugo E. Soto (change)		M.C. HARRY & ASSOCIATES INC	$0 0.00%	$10,598
View	E18-SEA-01(B): NON EXC-PSA-MARINE INFRAST.ENG.SERVICES	Karen Ward (change)		WSP USA Inc.	$0 0.00%	$88,490
View	E13-SEA-01: NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT FOR CIVIL INFRASTRUCTURE ENGINEERING SERVICES (SIC 871)	Hugo E. Soto (change)		WSP USA Inc.	$0 0.00%	$83,835
View	E13-MDAD-02: PAVEMENT MANAGEMENT SYSTEM (SIC 871)	Hugo E. Soto (change)		AECOM Technical Services	$0 0.00%	$0

View	E09-DERM-01_0002: PROFESSIONAL SERVICES AGREEMENTS FOR ENVIRONMENTAL CLEANUP, COMPLIANCE AND RELATED SERVICES (SIC 871)	Hugo E. Soto (change)	Cherokee Enterprises, Inc.	$0 0.00%	$360
View	E08-DERM-01_0002: PROFESSIONAL SERVICES AGREEMENTS FOR ENVIRONMENTAL CLEANUP, COMPLIANCE AND RELATED SERVICES FOR MIAMI-DADE COUNTY FACILITIES (SIC 871)	Hugo E. Soto (change)	Cherokee Enterprises, Inc.	$0 0.00%	$0
View	E15-DTPW-04: PROFESSIONAL SERVICES FOR ENGINEERING SERVICES FOR MIAMI-DADE	Hugo E. Soto (change)	WSP USA Inc.	$0 0.00%	$2,614
View	EDP-SP-18-037A: Seaport Multiple Small Architectural Projects	jim duncan (change)	EDWARD LEWIS ARCHITECTS, INC.	$0 0.00%	$0
			Number of contracts as subcontractor: 19	$15,000	$530,913

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Memorandum

MIAMI-DADE COUNTY

Exhibit B
Item 2

Date:

To: Roy Coley, MBA, Director
Water and Sewer Department

From: Marisela Aranguiz, P.E., Deputy Director
Water and Sewer Department

Subject: Recommendation Approving a Non-Exclusive Professional Services Agreement to Professional Service Industries, Inc. to provide Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Material Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pump Stations, Collection, Distribution and Transmission Piping, and all Related Facilities as Necessary to Ensure Quality Control/Assurance for Water and Sewer Department's Capital Improvement Projects; Project No. E20-WASD-02B; Agreement No. 21PSII002

FILED FOR RECORD
2022 MAR -3
CLERK CIRCUIT & COUNTY COURTS
MIAMI-DADE COUNTY, FLORIDA

RECOMMENDATION:
Pursuant to the Miami-Dade Water and Sewer Department (WASD) Consent Decree and Capital Improvement Programs Acceleration Ordinance Section 2-8.2.12 of the Miami-Dade County Code, it is recommended that the County Mayor or County Mayor's designee approve the attached Non-Exclusive Professional Services Agreement with Professional Service Industries, Inc. (PSI) to provide geotechnical services, special inspections, structural assessments, soils, foundations and material testing services related to the improvement, upgrades and expansions of water and wastewater treatment plants, pump stations, collection, distribution and transmission piping, and all related facilities as necessary to ensure quality control/assurance for Water and Sewer Department's Capital Improvement Projects; Project No. E20-WASD-02B; Contract No. 21TCI002 (the Contract). The total compensation amount shall not exceed $4,400,000, which includes a ten percent (10%) contingency allowance and a contract term of five (5) years. For this Project, Miami-Dade County intends to retain two (2) qualified firms under two (2) separate Professional Services Agreements. This contract award recommendation was prepared by WASD.

DELEGATION OF AUTHORITY:
Pursuant to the provisions of Section 2-8.2.12 of the Miami-Dade County Code, the County Mayor or County Mayor's designee has the authority to execute, amend and terminate the Contract and to resolve disputes. Additionally, pursuant to the provisions of Sections 2-8.2.12 (4)(d) and (e) of the Code, the County Mayor or County Mayor's designee has the authority to amend and/or extend the Agreement to complete any unfinished work, waive liquidated damages, negotiate and settle claims, and execute change orders that do not exceed ten percent (10%) of the base/alternate contract amount. Pursuant to Section 2-8.2.12 (7), all actions taken pursuant to Section 2-8.2.12 are subject to ratification by the Board of County Commissioners.

PROJECT NAME: Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Material Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pump Stations, Collection, Distribution and Transmission Piping, and All Related Facilities as Necessary to Ensure Quality Control/Assurance for WASD's Capital Improvement Projects

PROJECT DESCRIPTION: PSI will perform soils, foundations, geotechnical and materials testing services plus special structural integrity assessments, threshold building inspections, and other special inspections as necessary for the new facilities, refurbishments, design and construction of all projects included in the Capital Improvement Program schedule.

PROJECT LOCATION: Throughout Miami-Dade County.

PRIMARY COMMISSION DISTRICT: Various Commission District.

APPROVAL PATH:
Miami-Dade Water and Sewer Department Consent Decree and Capital Improvement Programs Acceleration Ordinance Section 2-8.2.12 of the Code of Miami-Dade County.

MANAGING DEPARTMENT: WASD

SMALL BUSINESS DEVELOPMENT (SBD): *See* attached Exhibit "A", "Project Worksheet"
REVIEW DATE: 6/16/2020 **SIGNOFF DATE:** 1/19/2021
RESUBMITTAL DATE: 1/14/2021

TYPE	GOAL	COMMENT
SBE-Architectural/Engineering	20%	Implementing Order 3-32
SBE-Goods and Services	N/A	Implementing Order 3-41

PROJECT TECHNICAL CERTIFICATION REQUIREMENTS:

Technical Categories (TC)	Description
9.01Prime	Soils, Foundations and Materials Testing – Drilling, Subsurface Investigations and Seismographic Services
9.02 Prime	Soils, Foundations and Materials Testing – Geotechnical and Materials Engineering Services
9.03 Prime	Soils, Foundations and Materials Testing – Concrete and Asphalt Testing Services
9.04 Other	Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections
9.05 Other	Soils, Foundations and Material Testing – Roof Testing and Consulting
9.06 Other	Soils, Foundations and Material Testing – Material Testing/Consulting/Training
10.02 Other	Environmental Engineering – Geology Services
10.05 Other	Environmental Engineering – Contamination Assessment and Monitoring
10.06 Other	Environmental Engineering – Remedial Action Plan Design
10.07 Other	Environmental Engineering – Remedial Action Plan Implementation/Operation/ Maintenance

SUBCONSULTANTS:
The chart below indicates the list of Subconsultants that will be utilized under this Contract and which of those Subconsultants are being utilized to meet the SBD measures as indicated above. See attached Exhibit "B," "Utilization Plan."

SUBCONSULTANTS	GOAL	SERVICES
BCC Engineering, LLC	N/A	Material Testing & Inspections
Blascom Engineering, Inc.	13%	Thresholds and Special Inspections
EAC Consulting, Inc.	N/A	Water and Sanitary Sewer Systems Services, Engineering Services
EBS Engineering, Inc.	4%	Asbestos, Contamination Assessments, Remedial Action Plan Design, and Implementation / Operation/Maintenance
HR Engineering Services, Inc.	8%	Drilling, Subsurface Investigations

		Services, Geotechnical and Material Engineering services
Manuel G. Vera & Associates, Inc.	N/A	Underground Utility Location
Roadsafe Traffic Systems, Inc.	N/A	Maintenance of Traffic Control
Safety Systems Barricades, Corp.	N/A	Maintenance of Traffic Control

FISCAL IMPACT / FUNDING SOURCE:
BBC GOB Financing, Future WASD Revenue Bonds, WASD Revenue Bonds Sold, Future Subordinate Debt, State Revolving Loan Wastewater Program, WASD Revenue Bonds Sold, WIFIA Loan, Wastewater Connection Charges, Wastewater Renewal Fund, Wastewater Special Construction Fund, Water Renewal and Replacement Fund, Water Connection Charges, Fire Hydrant Fund.

CAPITAL BUDGET PROJECT NUMBER - DESCRIPTION: See attached Exhibit "C":
Adopted Budget and Multi-Year Capital Plan for Fiscal Year 2021-2022
967090-Commercial and Industrial Corridors Extension of Sewer System (Building Better Communities Bond) Book Page: 72
9650201-Flow Reduction Program Book Page: 73
2000000580-Outfall Legislation Capacity Book Page: 74
964440-Sewer Pump Station Systems – Consent Decree Projects Book Page: 75
2000000784-Pump Station Resilience Program Book Page: 75
9653281-Sanitary Sewer System Extension Book Page: 76
9650241-Central Miami-Dade Wastewater Transmission Mains and Pump Station Improvements Book Page: 76
9652101-North Miami-Dade Wastewater Transmission Mains and Pump Stations Improvement Book Page: 77
968150-Wastewater Collection and Transmission Lines - Consent Decree Projects Book Page: 77
962670-Outfall Legislation Book Page: 78
9653201-Wastewater – Regional General Maintenance and Office Facilities Book Page: 79
964120-Wastewater Treatment Plants - Consent Decree Projects Book Page: 82
9654041-Central Miami-Dade Water Transmission Mains Improvements Book Page: 84
9654031-North Miami-Dade Water Transmission Main Improvements Book Page: 86
2000000072-Small Diameter Water Mains Replacement Program Book Page: 88

PTP Funding: No
GOB Funding: No
ARRA Funding: No
Total Contract Period: Five (5) Years
Option-To-Renew: None
IG Fee Included in Base Contract: Yes
Art in Public Places: No
Base Contract Amount: $4,000,000
Contingency Allowance (Section 2-8.1 of the Miami-Dade County)

Type	Percent	Amount	Comment
Engineering	10%	$400,000	Contingency Allowance fees in accordance with Ordinance 00-65 is 10% of the estimated engineering cost.

Total Contract Amount: $4,400,000
SEA LEVEL RISE (Ord. No. 14-79): The impact of sea level rise is not applicable for this Project.
SUSTAINABLE BUILDINGS ORDINANCE: (Ord. No. 07-65): This Project does not qualify for compliance with the Sustainable Buildings Ordinance.

TRACK RECORD/MONITOR: Due diligence was conducted by WASD and the Internal Services Department (ISD) in accordance with ISD 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 PSI's responsibility. This information is being provided pursuant to Resolution R-187-12.

EXPLANATION: On January 15, 2021, a Notice to Professional Consultants was issued under full and open competition. On February 19, 2021, the Clerk of the Board received seven (7) proposals in response to this solicitation. See attached Exhibit "D", "List of Respondents".

On April 19, 2021, SBD completed its review of the SBE contract measures and confirmed that all participant firms were in compliance with the submittal requirements. See attached Exhibit "E", "SBD Compliance Review".

FIRST TIER MEETING: At the First Tier "Evaluation of Qualifications" meeting held on August 5, 2021, the Competitive Selection Committee (CSC) reviewed and ranked the seven (7) proposals, in accordance with the evaluation criteria outlined in the solicitation, and in the order listed below. See attached Exhibit "F", "First Tier Tabulation Report".

	Firm	Total & Adjusted Qualitative Score	Total Adjusted Ordinal Scores	Ordinal Ranking	Final Rank
1	Terracon Consultants, Inc.	451 274	6	1	1
2	Professional Service Industries, Inc.	460 274	7	2	2
3	Radise International LC	449 270	10	3	3
4	Wood Environmental & Infrastructure Solutions, Inc.	441 261	13	4	4
5	Universal Engineering Services LLC	433 263	14	5	5
6	Tierra South Florida, inc.	411 247	16	6	6
7	Wingerter Laboratories, Inc.	384 233	20	7	7

The CSC unanimously voted not to hold a Second-Tier (Oral Presentation) meeting and recommended the following two firms listed below to the County Mayor or County Mayor's designee for approval to negotiate a contract:

1) Terracon Consultants, Inc.
2) Professional Service Industries, Inc.

The Negotiation Committee was approved by the County Mayor's designee on November 5, 2021. See attached Exhibit "G", "Negotiation Authorization Memorandum".
On November 23, 2021, and December 10, 2021, the Negotiation Committee held the first and second negotiations meeting with PSI. On December 16, 2021, the Negotiation Committee motioned to concluded negotiations with PSI.

Based on ISD's CIIS database, PSI has ninety (90) evaluation with an average 3.8 rating out of a possible total 4.0 points. See attached Exhibit "H", "Contractor Evaluations Report."

SUBMITTAL DATE: 2/19/2021
ESTIMATED NOTICE TO PROCEED: 2/4/2022
PRINCIPAL/COMPANY QUALIFIERS: Juan D. Villegas, P.E.
EMAIL ADDRESS: juan.villegas@intertek.com

Pursuant to Resolution No. R-1011-15:

Firm	Address of Branch Offices or Headquarters in Miami-Dade*	Total number of employees for your firm	Number of Employees that reside in Miami-Dade County	Percentage of Employees that reside in Miami-Dade County
Professional Service Industries, Inc. (dba Intertek-PSI)	7950 NW 64th Street, Miami, FL 33166	72	62	86%

PREVIOUS EXPERIENCE WITH THE COUNTY IN THE THREE (3) YEARS BEFORE THE PROPOSAL SUBMITTAL DATE:
According to the Firm History Report provided by ISD, SBD, PSI has been awarded seven (7) contracts with Miami-Dade County during the past three (3) years from the proposal submittal date, with a total contract value of $1,323,184. See attached Exhibit "I", "Firm History Report".

MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS: Yes.
The CSC determined that PSI met the minimum experience and qualifications as indicated in the solicitation listed below:

The Prime consultant is highly preferred to be a full service geotechnical/ materials testing engineering firm experienced in similar facilities. Qualified firms are preferred to have proven successful experience with quality assurance/quality control, testing and inspection work, condition evaluation and special structural assessment, threshold building inspections, special inspections and with proven history of performance. The successful experience on the above items shall be demonstrated prior to the date of this solicitation.

The Prime consultant shall provide a list of members of the proposed team, identifying the project/contract manager, and the team leaders for key specialties. The Prime Consultant shall also describe the firm's Quality Control and Assurance procedures pertaining to field sample collection, laboratory testing, transmission and storage of data, document management, etc. Consultant may also describe any specific software/application that is used to collect, store, manage and report on data from the work conducted in the field under this contract and method of communications and reporting of such data to all project stakeholders for any project.

The Prime consultant should provide descriptions of at least two (2) successfully completed projects where similar services of each listed technical categories were provided prior to the date of this solicitation. The description 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, new technologies utilized), and a client

reference and contact information. The Prime consultant also should have a Construction Materials Engineering Council Certification for a laboratory that is in Miami-Dade County.

The Subconsultants should also provide a description of at least two (2) projects that are relevant to the scope of work that they will be performing under this PSA. The descriptions shall include the client (i.e., municipality or agency). Key project staff, a summary of the work performed, the contract amount, the schedule (to include start and completion dates), the specific role of the Subconsultant firm, the project's achievements, and client reference and contact information.

Applicable Wages (Resolution No. R-54-10): No
Mandatory Clearing House: No

Contract Manager Name/Phone/Email: Patricia Palomo / 786-552-8040/Patty.Palomo@miamidade.gov
Project Manager Name/Phone/Email: Juan Cordero/786-268-5326/Juan.Cordero@miamidade.gov

SIGNATURE PAGE
General Land and Engineering Surveying and Mapping Services
Project No. E20-WASD-02B; Agreement No. 21PSII002

David Clodfelter
OMB Director

2/24/2022
Date

Approved as to legal sufficiency:

Angela F. Benjamin
Assistant County Attorney

02-23-2022
Date

Roy Coley on behalf of
County Mayor Daniella Levine Cava

3-3-22
Date

EXHIBIT "A"

Small Business Development Division

Project Worksheet

Project/Contract Title:	GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, ETC.	Received Date:	6/16/2020
		Resubmittal Date:	1/14/2021
Project/Contract No:	E20-WASD-02B	Funding Source:	Other
Department:	Water & Sewer		
Estimated Cost of Project/Bid:	$8,800,000.00		
Description of Project/Bid:	WASD will require professional geotechnical and materials testing engineering services from two (2) qualified Consultants to provide soils, foundations, geotechnical investigations, structural and special assessments as well as materials and systems testing for forthcoming water and wastewater treatment projects related to WASD's other capital improvement needs identified on the Multi-Year Capital Improvement Plan.		

Contract Measures Recommendation

Measure	Program	Goal Percent
Goal	SBE - A&E	20.00%
No Measure	SBE - Goods	
No Measure	SBE - Services	

Reasons for Recommendation

SMALL BUSINESS ENTERPRISE - ARCHITECTURAL & ENGINEERING (SBE-A&E)
An analysis of the factors contained in the project package, as well as the factors contained in Section V. B. 2. C. of Implementing Order 3-32 indicates that a 20.00% SBE-A&E Sub-Consultant Goal is appropriate for this contract in the following Technical Categories: TC 9.01 (Soils, Foundations and Materials Testing - Drilling, Subsurface Investigations and Seismographic Services) – 5.00%, TC 9.02 (Soils, Foundations and Materials Testing - Geotechnical and Materials Engineering Services) – 3.00%, 9.03 (Soils, Foundations and Materials Testing - Concrete and Asphalt Testing Services) – 3.00%, TC 9.04 (Soils, Foundations and Materials Testing - Non-Destructive Testing and Inspections) – 1.00%, TC 9.05 (Soils, Foundations and Materials Testing - Roof Testing and Consulting) – 2.00%, TC 9.06 (Soils, Foundations and Materials Testing - Material Testing/Consulting/Training) – 2.00, TC 10.02 (Environmental Engineering - Geology Services) – 1.00%, TC 10.05 (Environmental Engineering - Contamination Assessment and Monitoring) – 1.00%, TC 10.06 (Environmental Engineering- Remedial Action Plan Design) – 1.00% and TC 10.07 (Environmental Engineering- Remedial Action Plan Implementation/Operation/Maintenance) – 1.00%.

Maximum compensation for each of two (2) PSA's is $4,000,000.00 plus a ten percent (10%) ($400,000.00) contingency allowance. The term of each PSA is five (5) years with no minimum amount of work or compensation guaranteed to the retained consultant.

SMALL BUSINESS ENTERPRISE - GOODS & SERVICES (SBE-Goods & SBE-Services)
An analysis of Implementing Order 3-41 & Ordinance 16-109, as well as the project package indicates a No Measure is appropriate.

MDC-TCC 9.01 SOILS, FOUNDATIONS AND MATERIALS TESTING - DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES, MDC-TCC 9.02 SOILS, FOUNDATIONS AND MATERIALS TESTING - GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES, MDC-TCC 9.03 SOILS, FOUNDATIONS AND MATERIALS TESTING - CONCRETE AND ASPHALT TESTING SERVICES, MDC-TCC 9.04 SOILS, FOUNDATIONS AND MATERIALS TESTING - NON-DESTRUCTIVE TESTING AND INSPECTIONS, MDC-TCC 9.05 SOILS, FOUNDATIONS AND MATERIALS TESTING - ROOF TESTING AND CONSULTING, MDC-TCC 9.06 SOILS, FOUNDATIONS AND MATERIALS TESTING - MATERIAL TESTING/CONSULTING/TRAINING, MDC-TCC 10.02 ENVIRONMENTAL ENGINEERING - GEOLOGY SERVICES, MDC-TCC 10.05 ENVIRONMENTAL ENGINEERING - CONTAMINATION ASSESSMENT AND MONITORING, MDC-TCC 10.06 ENVIRONMENTAL ENGINEERING - REMEDIAL ACTION PLAN DESIGN, MDC-TCC 10.07 ENVIRONMENTAL ENGINEERING - REMEDIAL ACTION PLAN IMPLEMENTATION/OPERATION/MAINTENANCE

Small Business Contract Measure Recommendation

Subtrade	Category
SOILS, FOUNDATIONS AND MATERIALS TESTING - DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES	SBE – A&E
SOILS, FOUNDATIONS AND MATERIALS TESTING - GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES	SBE – A&E
SOILS, FOUNDATIONS AND MATERIALS TESTING - CONCRETE AND ASPHALT TESTING SERVICES	SBE – A&E
SOILS, FOUNDATIONS AND MATERIALS TESTING - NON-DESTRUCTIVE TESTING AND INSPECTIONS	SBE – A&E
SOILS, FOUNDATIONS AND MATERIALS TESTING - ROOF TESTING AND CONSULTING	SBE – A&E
SOILS, FOUNDATIONS AND MATERIALS TESTING - MATERIAL TESTING/CONSULTING/TRAINING	SBE – A&E
ENVIRONMENTAL ENGINEERING - GEOLOGY SERVICES	SBE – A&E
ENVIRONMENTAL ENGINEERING - CONTAMINATION ASSESSMENT AND MONITORING	SBE – A&E
ENVIRONMENTAL ENGINEERING - REMEDIAL ACTION PLAN DESIGN	SBE – A&E
ENVIRONMENTAL ENGINEERING - REMEDIAL ACTION PLAN IMPLEMENTATION/OPERATION/MAINTENANCE	SBE – A&E

Living Wages: YES [ ] NO [X] Highway: YES [ ] NO [X] Heavy Construction: YES [ ] NO [X]

Responsible Wages: YES [ ] NO [X] Building: YES [ ] NO [X]

SBD Director

1/19/21
Date

EXHIBIT "B"

Utilization Plan: View Plan

Generated by Caesar Suarez, Miami-Dade County on 4/16/2021

Help & Tools

Proposal Main | View Proposal | Settings | Docs | Goal Setting | Bid List | Utilization Plans | Comments | Linked Records | Reports

E20-WASD-02B: GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, ETC.

Status: **Open**
Estimated Cost: **$8,800,000**

This Utilization Plan has been Approved. Scroll down to view the details of the plan. Click the button to transfer some or all of the subcontract records to an existing contract. Once a record is transferred it cannot be transferred again. However if any subcontractors are not included in the transfer they will remain available for transfer. After the transfer process is complete a Linked Contract field will appear to provide quick access to the contract. Use the Linked Contract field to access the contract that subs were previously transferred to.

Refresh Actions & Notices

Utilization Plan Summary

Proposal	E20-WASD-02B: GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, ETC.
Reference	RE: Utilization Plan For Professional Service Industries, Project #E20-WASD-02B, 20% SBE-A&E Goal
Phase	Original, version 0
Status	Approved
Notification Date	4/8/2021 by Caesar Suarez
Due Date	4/13/2021 5:00 pm US/Eastern
Submission Date	4/9/2021 by Kari Bates
Review Date	4/12/2021 by Caesar Suarez

Transfer Subcontractors to Contract

Utilization Plan Information

Estimated Bid/Transaction Amount	$4,000,000
Public Comments	Please identify the SBE-A&E certified firm(s) that will be used to meet the 20.00% SBE-A&E sub-consultant goal established for this project. ***IMPORTANT: - Be reminded that the sub-consultants that will be identified in this Utilization Plan to meet the SBE-A&E goal, MUST have been listed in the Letter of Qualifications (LOQ) form submitted with your proposal. - Assign to your firm and all SBE-A&E sub-consultants only Technical Categories (TCs) that are applicable to the project and as assigned in the LOQ (do not add any NIGP or NAICS work codes, these are applicable to different SBD programs). If you have any questions, please contact me via email or at 786-454-5028. Regards, Caesar

Primary Bidder/Prime Contractor

Vendor Name	Cert	Inc in Goal	$ Total	$ Self Perf	$ For Credit	Actions
P PROFESSIONAL SERVICE INDUSTRIES. INC	No	No	$4,000,000	$3,000,000 75.00%	-	View

Work Code Validation Symbol Legend: All assigned work codes are valid; Some assigned codes are not valid; No assigned work codes are valid; No work codes are assigned.

Subcontractors

Subcontractor Name	Sub Tier	Cert	Inc in Goal	Type	Valid Work Code	$ Commit	$ Self Perf	$ For Credit	Confirmed	Actions
1 BLASCOM ENGINEERING, INC.	1		SBE - A&E	Sub 100%		$520,000 13.00%	$520,000 13.00%	$520,000 13.00%		View

1 EBS Engineering, Inc.	1	✓	✓ SBE - A&E	Sub 100%	✓	$160,000 4.00%	$160,000 4.00%	$160,000 4.00%	✓	View
1 HR ENGINEERING SERVICES, INC.	1	✓	✓ SBE - A&E	Sub 100%	✓	$320,000 8.00%	$320,000 8.00%	$320,000 8.00%	✓	View

Goal & Waiver Summary

Goal Type	Goal	Plan	Status	$ to Reach Goal	Waiver Status
Overall Goal	20.00%	25.00%	5.00% above goal		
Bid Preference	0.00%	0.00%	Met goal		
DBE	0.00%	0.00%	Met goal		
SBD Goal	0.00%	0.00%	Met goal		
SBE - A&E	20.00%	25.00%	5.00% above goal		
SBE - Con	0.00%	0.00%	Met goal		
SBE - Goods	0.00%	0.00%	Met goal		
SBE - Services	0.00%	0.00%	Met goal		
Selection Factor	0.00%	0.00%	Met goal		
Trade Set Aside	0.00%	0.00%	Met goal		

Signature

Signature	Kari L. Bates
Title	South Florida Marketing Coordinator
Organization	PROFESSIONAL SERVICE INDUSTRIES. INC
Signature Date	4/9/2021

Additional Instructions

Additional Instructions to Vendor	
Special Instructions to Vendor	

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Help & Tools

Utilization Plan: View Subcontractor

E20-WASD-02B: GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, ETC.

Status: **Open**
Estimated Cost: **$8,800,000**

Return

Shown below is the subcontractor's information. Click Return to return to the plan summary.

Vendor Information

Vendor Name	BLASCOM ENGINEERING, INC.
Vendor Contact Person	JULIO DE BLAS
Phone	305-414-2009
Fax	305-414-2009
Email	jdb@blascomusa.com
Address	9805 NW 80th Avenue, #13-Q Hialeah Gardens, FL 33016

Applicable Vendor Certifications

Type	Effective	Renewal	Organization
DBE	Not available		Florida Unified Certification Program
SBE-A&E	7/9/2020	7/9/2021	Miami-Dade County
SBE-G&S	7/9/2020	7/9/2021	Miami-Dade County

Subcontractor Details

Vendor Type	Subcontractor
Subcontractor Tier	Tier 1 Subcontractor to PROFESSIONAL SERVICE INDUSTRIES. INC
Proposed Amount & Percent	Amount: $520,000 Percent: 13.000%
Type of Participation	Subcontractor/Subconsultant at 100.0% Participation - Firm that directly provides services for the contract.
Count Towards Goal	Yes - assigned to SBE - A&E goal
Work Description	Engineering, Geotechnical, Materials Testing, & Inspections
Work Codes	MDC-TCC 09-01 DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES MDC-TCC 09-02 GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES MDC-TCC 09-03 CONCRETE AND ASPHALT TESTING SERVICES MDC-TCC 09-04 NON-DESTRUCTIVE TESTING AND INSPECTIONS
Estimated Start Date	
Estimated End Date	

Confirmation Status

Status	Assignment Confirmed
Action Taken By	JULIO DE BLAS on 4/8/2021 (view eSignature details)

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Help & Tools

Utilization Plan: View Subcontractor

E20-WASD-02B: GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, ETC.

Status: **Open**
Estimated Cost: **$8,800,000**

Return

Shown below is the subcontractor's information. Click Return to return to the plan summary.

Vendor Information

Vendor Name	EBS Engineering, Inc.
Vendor Contact Person	BENJAMIN S ESSIEN
Phone	305-625-5252
Fax	305-625-7110
Email	info@ebsengineering.com
Address	4715 NW 157TH STREET STE 202 MIAMI, FL 33014

Applicable Vendor Certifications

Type	Effective	Renewal	Organization
DBE	Not available		Florida Unified Certification Program
SBE-A&E	5/20/2020	5/20/2021	Miami-Dade County
SBE-G&S	5/20/2020	5/20/2021	Miami-Dade County

Subcontractor Details

Vendor Type	Subcontractor
Subcontractor Tier	Tier 1 Subcontractor to PROFESSIONAL SERVICE INDUSTRIES. INC
Proposed Amount & Percent	Amount: $160,000 Percent: 4.000%
Type of Participation	Subcontractor/Subconsultant at 100.0% Participation - Firm that directly provides services for the contract.
Count Towards Goal	Yes - assigned to SBE - A&E goal
Work Description	Asbestos, Environmental Services - various
Work Codes	MDC-TCC 09-06 ASBESTOS MDC-TCC 10-05 CONTAMINATION ASSESSMENT AND MONITORING MDC-TCC 10-06 REMEDIAL ACTION PLAN DESIGN MDC-TCC 10-07 REMEDIAL ACTION PLAN IMPLEMENTATION/ OPERATION/MAINTENANCE
Estimated Start Date	
Estimated End Date	

Confirmation Status

Status	Assignment Confirmed
Action Taken By	BENJAMIN S ESSIEN on 4/8/2021 (view eSignature details)

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Help & Tools

Utilization Plan: View Subcontractor

E20-WASD-02B: GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, ETC.

Status: **Open**
Estimated Cost: **$8,800,000**

Return — Shown below is the subcontractor's information. Click Return to return to the plan summary.

Vendor Information

Vendor Name	HR ENGINEERING SERVICES, INC.
Vendor Contact Person	HERNANDO RAMOS
Phone	305-888-8880
Fax	305-888-8770
Email	hramos@hrescorp.com
Address	7815 NW 72ND AVENUE MEDLEY, FL 33166

Applicable Vendor Certifications

Type	Effective	Renewal	Organization
DBE	3/3/2021	2/16/2022	Miami-Dade County
SBE-A&E	2/16/2021	2/16/2022	Miami-Dade County
SBE-G&S	2/16/2021	2/16/2022	Miami-Dade County
DBE	Not available		Florida Unified Certification Program

Subcontractor Details

Vendor Type	Subcontractor
Subcontractor Tier	Tier 1 Subcontractor to PROFESSIONAL SERVICE INDUSTRIES, INC
Proposed Amount & Percent	Amount: $320,000 Percent: 8.000%
Type of Participation	Subcontractor/Subconsultant at 100.0% Participation - Firm that directly provides services for the contract.
Count Towards Goal	Yes - assigned to SBE - A&E goal
Work Description	Geotechnical Engineering & Testing
Work Codes	MDC-TCC 09-01 DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES MDC-TCC 09-02 GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES
Estimated Start Date	
Estimated End Date	

Confirmation Status

Status	**Assignment Confirmed**
Action Taken By	Hernando Ramos, P. E. on 4/9/2021 (view eSignature details)

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FY 2021 - 22 Adopted Budget and Multi-Year Capital Plan

CAPITAL BUDGET SUMMARY

(dollars in thousands)	PRIOR	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	FUTURE	TOTAL
Revenue									
BBC GOB Financing	27,202	23,500	36,295	30,614	23,389	0	0	0	141,000
Fire Hydrant Fund	3,517	2,500	2,500	2,500	2,500	2,500	2,500	2,500	21,017
Future Subordinate Debt	3,807	5,982	7,212	36,749	47,762	92,128	111,035	67,951	372,625
Future WASD Revenue Bonds	0	33,353	472,208	482,814	495,561	401,670	303,768	649,140	2,838,515
Hialeah Reverse Osmosis Plant Construction Fund	7,473	500	0	0	0	0	0	0	7,973
Miami Springs Water Construction Fund	12,800	508	0	0	0	0	0	0	13,308
State Revolving Loan Wastewater Program	42,353	12,000	0	0	0	0	0	0	54,353
WASD Revenue Bonds Sold	1,808,327	0	0	0	0	0	0	0	1,808,327
WIFIA Loan	59,008	37,042	92,489	175,519	139,466	118,870	25,227	13,504	661,126
Wastewater Connection Charges	169,793	16,614	13,020	15,338	18,470	0	0	0	233,234
Wastewater Renewal Fund	247,097	47,500	55,500	50,000	50,000	50,000	50,000	50,000	600,097
Wastewater Special Construction Fund	15,328	6,457	43,391	22,368	51,598	15,251	18,366	25,020	197,778
Water Connection Charges	51,418	3,401	3,153	2,449	2,449	1,287	1,287	0	65,444
Water Renewal and Replacement Fund	236,077	47,499	39,501	45,000	45,000	45,000	45,000	45,000	548,077
Water Special Construction Fund	14,136	200	200	200	200	200	200	0	15,336
Total:	2,698,336	237,056	765,468	863,551	876,395	726,906	557,384	853,115	7,578,210
Expenditures									
Strategic Area: NI									
GOB Water and Wastewater Projects	27,202	23,500	36,295	30,614	23,389	0	0	0	141,000
Wastewater Projects	1,619,186	533,193	600,295	719,441	747,811	634,934	451,606	526,981	5,833,447
Water Projects	416,722	161,609	264,951	121,402	108,695	97,471	106,778	326,136	1,603,763
Total:	2,063,110	718,302	901,541	871,457	879,895	732,406	558,384	853,116	7,578,210

FUNDED CAPITAL PROGRAMS

(dollars in thousands)

COMMERCIAL AND INDUSTRIAL CORRIDORS - EXTENSION OF SEWER SYSTEM (BUILDING BETTER COMMUNITIES BOND PROGRAM)

PROGRAM #: 967090

DESCRIPTION: Extend sewer service to developed commercial and industrial corridors in Miami-Dade County as per BCC Resolution R-537-14

LOCATION: Various Sites
Throughout Miami-Dade County

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
BBC GOB Financing	27,202	18,500	31,295	25,614	23,389	0	0	0	126,000
TOTAL REVENUES:	27,202	18,500	31,295	25,614	23,389	0	0	0	126,000
EXPENDITURE SCHEDULE:	**PRIOR**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**FUTURE**	**TOTAL**
Construction	26,551	17,921	30,039	24,789	22,089	0	0	0	121,389
Planning and Design	651	579	1,256	825	1,300	0	0	0	4,611
TOTAL EXPENDITURES:	27,202	18,500	31,295	25,614	23,389	0	0	0	126,000

FY 2021 - 22 Adopted Budget and Multi-Year Capital Plan

LIFT STATIONS - UPGRADES AND STRUCTURAL IMPROVEMENTS

PROGRAM #: 9650371

DESCRIPTION: Repair, replace and upgrade existing lift stations throughout the wastewater system

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Wastewater Renewal Fund	8,777	3,500	3,500	3,500	3,500	3,500	3,500	3,500	33,277
TOTAL REVENUES:	8,777	3,500	3,500	3,500	3,500	3,500	3,500	3,500	33,277
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	6,138	3,683	2,800	2,800	2,800	2,800	2,800	2,801	26,623
Land Acquisition/Improvements	537	322	245	245	245	245	245	245	2,329
Major Machinery and Equipment	230	138	105	105	105	105	105	105	998
Planning and Design	767	460	350	350	350	350	350	350	3,327
TOTAL EXPENDITURES:	7,673	4,603	3,500	3,500	3,500	3,500	3,500	3,501	33,277

PEAK FLOW MANAGEMENT - FACILITIES

PROGRAM #: 9653371

DESCRIPTION: Evaluate and construct alternatives for peak flow management facilities and associated infrastructure

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	1,000	5,000	6,130	3,000	2,000	2,000	0	19,130
WASD Revenue Bonds Sold	17,516	0	0	0	0	0	0	0	17,516
Wastewater Connection Charges	7,625	0	0	0	0	0	0	0	7,625
TOTAL REVENUES:	25,141	1,000	5,000	6,130	3,000	2,000	2,000	0	44,271
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	10,839	4,846	3,000	3,678	1,800	1,200	1,200	0	26,563
Planning and Design	7,226	3,230	2,000	2,452	1,200	800	800	0	17,708
TOTAL EXPENDITURES:	18,065	8,076	5,000	6,130	3,000	2,000	2,000	0	44,271

PEAK FLOW MANAGEMENT - FLOW REDUCTION PROGRAM (FRP)

PROGRAM #: 9650201

DESCRIPTION: Implement a Flow Reduction Program which is comprised of two main components: Inflow and Infiltration reduction and Pump Station Optimization by implementing real time controls at pump stations

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	14,865	16,176	16,166	14,056	11,976	35,927	109,165
WASD Revenue Bonds Sold	76,961	0	0	0	0	0	0	0	76,961
TOTAL REVENUES:	76,961	0	14,865	16,176	16,166	14,056	11,976	35,927	186,126
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	63,396	13,565	14,865	16,176	16,166	14,056	11,976	35,927	186,126
TOTAL EXPENDITURES:	63,396	13,565	14,865	16,176	16,166	14,056	11,976	35,927	186,126

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PEAK FLOW MANAGEMENT - SOUTH DISTRICT EXPANSION

PROGRAM #: 2000000580

DESCRIPTION: Redirect flows to regional plants and account for peak flows through 2035

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future Subordinate Debt	0	0	7,212	6,749	11,125	24,832	39,367	17,496	106,782
State Revolving Loan Wastewater Program	12,350	0	0	0	0	0	0	0	12,350
WASD Revenue Bonds Sold	22,580	0	0	0	0	0	0	0	22,580
WIFIA Loan	25,412	4,300	74,178	133,943	47,669	39,218	6,500	504	331,724
Wastewater Connection Charges	141,385	5,489	910	1,156	0	0	0	0	148,940
Wastewater Renewal Fund	14,566	0	12,866	0	0	0	0	0	27,431
Wastewater Special Construction Fund	5,599	2,950	0	0	36,348	0	0	0	44,897
TOTAL REVENUES:	**221,891**	**12,739**	**95,165**	**141,849**	**95,142**	**64,051**	**45,867**	**18,000**	**694,703**

EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	120,116	50,203	137,781	146,270	96,179	67,670	44,949	17,640	680,808
Planning and Design	2,451	1,025	2,812	2,985	1,963	1,381	917	360	13,895
TOTAL EXPENDITURES:	**122,568**	**51,228**	**140,593**	**149,255**	**98,142**	**69,051**	**45,867**	**18,000**	**694,703**

PUMP STATIONS - GENERATORS AND MISCELLANEOUS UPGRADES

PROGRAM #: 9652002

DESCRIPTION: Install emergency generators and construct miscellaneous upgrades at various wastewater pump stations

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	4,899	5,600	5,046	4,244	0	0	19,788
WASD Revenue Bonds Sold	7,692	0	0	0	0	0	0	0	7,692
TOTAL REVENUES:	**7,692**	**0**	**4,899**	**5,600**	**5,046**	**4,244**	**0**	**0**	**27,480**

EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	5,236	2,456	4,899	5,600	5,046	4,244	0	0	27,480
TOTAL EXPENDITURES:	**5,236**	**2,456**	**4,899**	**5,600**	**5,046**	**4,244**	**0**	**0**	**27,480**

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PUMP STATIONS - IMPROVEMENT PROGRAM

PROGRAM #: 9651071

DESCRIPTION: Upgrade pump stations systemwide to meet departmental forecasted demands

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	7,341	1,000	0	0	0	13,745	22,086
WASD Revenue Bonds Sold	66,634	0	0	0	0	0	0	0	66,634
Wastewater Connection Charges	3,498	0	0	0	0	0	0	0	3,498
TOTAL REVENUES:	70,131	0	7,341	1,000	0	0	0	13,745	92,218
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	52,281	7,330	6,240	850	0	0	0	11,683	78,385
Planning and Design	9,226	1,294	1,101	150	0	0	0	2,062	13,833
TOTAL EXPENDITURES:	61,507	8,624	7,341	1,000	0	0	0	13,745	92,218

PUMP STATIONS - RESILIENCE PROGRAM (PSRP)

PROGRAM #: 2000000784

DESCRIPTION: Implement a pump station resiliency program to improve pump stations systemwide

LOCATION: Systemwide
Various Sites

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	400	30,457	40,816	42,712	35,782	30,395	44,917	225,480
WASD Revenue Bonds Sold	38,671	0	0	0	0	0	0	0	38,671
Wastewater Connection Charges	868	219	0	0	0	0	0	0	1,087
Wastewater Renewal Fund	34	0	0	0	0	0	0	0	34
TOTAL REVENUES:	39,574	619	30,457	40,816	42,712	35,782	30,395	44,917	265,272
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	17,051	13,897	23,452	31,428	32,888	27,552	23,404	34,586	204,260
Planning and Design	5,093	4,151	7,005	9,388	9,824	8,230	6,991	10,331	61,013
TOTAL EXPENDITURES:	22,145	18,048	30,457	40,816	42,712	35,782	30,395	44,917	265,272

PUMP STATIONS - SEWER SYSTEMS CONSENT DECREE PROJECTS

PROGRAM #: 964440

DESCRIPTION: Design, construct and rehabilitate pump stations infrastructure systems to comply with the Federal EPA Consent Decree

LOCATION: Various Sites
Throughout Miami-Dade County

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	174	46	0	0	0	0	219
WASD Revenue Bonds Sold	115,266	0	0	0	0	0	0	0	115,266
Wastewater Connection Charges	100	0	0	0	0	0	0	0	100
TOTAL REVENUES:	115,366	0	174	46	0	0	0	0	115,585
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	101,697	7,900	165	43	0	0	0	0	109,805
Planning and Design	5,352	416	9	2	0	0	0	0	5,779
TOTAL EXPENDITURES:	107,050	8,316	174	46	0	0	0	0	115,585

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SANITARY SEWER SYSTEM - EXTENSION

PROGRAM #: 9653281

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

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Wastewater Renewal Fund	39,057	0	3,000	5,500	5,500	5,500	6,500	6,500	71,557
TOTAL REVENUES:	39,057	0	3,000	5,500	5,500	5,500	6,500	6,500	71,557
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	974	488	220	220	220	220	260	260	2,862
Planning and Design	23,386	11,709	5,280	5,280	5,280	5,280	6,240	6,240	68,695
TOTAL EXPENDITURES:	24,360	12,197	5,500	5,500	5,500	5,500	6,500	6,500	71,557

SANITARY SEWER SYSTEM - IMPROVEMENTS

PROGRAM #: 9650221

DESCRIPTION: Provide sanitary sewer system improvements funded from the special construction fund including special taxing districts

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Wastewater Special Construction Fund	538	250	250	250	250	250	250	0	2,038
TOTAL REVENUES:	538	250	250	250	250	250	250	0	2,038
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	538	250	250	250	250	250	250	0	2,038
TOTAL EXPENDITURES:	538	250	250	250	250	250	250	0	2,038

WASTEWATER - CENTRAL MIAMI-DADE TRANSMISSION MAINS AND PUMP STATION IMPROVEMENTS

PROGRAM #: 9650241

DESCRIPTION: Construct a force main crossing at Bear Cut, a force main at Flagler St from SW 37 Ave to SW 10 Ave and from Miami Beach to the Central District Wastewater Treatment Plant

LOCATION: Wastewater System - Central District Area
City of Miami

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,502	9,804	18,000	22,500	18,000	13,500	0	84,306
WASD Revenue Bonds Sold	28,658	0	0	0	0	0	0	0	28,658
Wastewater Connection Charges	900	1,000	374	0	0	0	0	0	2,274
TOTAL REVENUES:	29,558	3,502	10,178	18,000	22,500	18,000	13,500	0	115,237
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	20,558	12,502	10,178	18,000	22,500	18,000	13,500	0	115,237
TOTAL EXPENDITURES:	20,558	12,502	10,178	18,000	22,500	18,000	13,500	0	115,237

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WASTEWATER - COLLECTION AND TRANSMISSION LINES CONSENT DECREE PROJECTS

PROGRAM #: 968150

DESCRIPTION: Design, construct and rehabilitate collection and transmission infrastructure lines to comply with the Federal EPA Consent Decree

LOCATION: Various Sites
Throughout Miami-Dade County

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	4,992	875	0	0	0	0	5,867
WASD Revenue Bonds Sold	90,436	0	0	0	0	0	0	0	90,436
TOTAL REVENUES:	90,436	0	4,992	875	0	0	0	0	96,303
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	78,023	11,508	4,942	866	0	0	0	0	95,340
Planning and Design	788	116	50	9	0	0	0	0	963
TOTAL EXPENDITURES:	78,812	11,624	4,992	875	0	0	0	0	96,303

WASTEWATER - EQUIPMENT

PROGRAM #: 9650301

DESCRIPTION: Acquire equipment and associated wastewater system capital support materials as needed

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Wastewater Renewal Fund	55,609	8,256	11,000	11,000	11,000	11,000	15,000	15,000	137,865
TOTAL REVENUES:	55,609	8,256	11,000	11,000	11,000	11,000	15,000	15,000	137,865
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Furniture Fixtures and Equipment	55,609	8,256	11,000	11,000	11,000	11,000	15,000	15,000	137,865
TOTAL EXPENDITURES:	55,609	8,256	11,000	11,000	11,000	11,000	15,000	15,000	137,865

WASTEWATER - NORTH MIAMI-DADE TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

PROGRAM #: 9652101

DESCRIPTION: Provide infrastructure improvements to pump stations to increase system flexibility

LOCATION: Wastewater System - North District Area
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future Subordinate Debt	3,807	5,982	0	0	0	0	0	0	9,789
Future WASD Revenue Bonds	0	7,693	48,959	36,367	24,355	27,072	15,472	8,000	167,918
WASD Revenue Bonds Sold	41,284	0	0	0	0	0	0	0	41,284
Wastewater Connection Charges	3,385	3,118	4,280	547	0	0	0	0	11,329
Wastewater Renewal Fund	442	0	0	0	0	0	0	0	442
TOTAL REVENUES:	48,917	16,793	53,239	36,914	24,355	27,072	15,472	8,000	230,762
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	28,598	33,826	50,577	35,068	23,138	25,718	14,698	7,600	219,223
Planning and Design	1,505	1,781	2,662	1,846	1,218	1,354	774	400	11,539
TOTAL EXPENDITURES:	30,103	35,607	53,239	36,914	24,355	27,072	15,472	8,000	230,762

FY 2021 - 22 Adopted Budget and Multi-Year Capital Plan

WASTEWATER - OUTFALL LEGISLATION PROGRAM #: 962670

DESCRIPTION: Eliminate outfall flows to the ocean
LOCATION: Systemwide
Various Sites
District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future Subordinate Debt	0	0	0	20,000	24,636	28,650	17,461	7,294	98,041
Future WASD Revenue Bonds	0	0	13,299	111,051	214,847	209,794	159,910	105,188	814,089
State Revolving Loan Wastewater Program	30,004	12,000	0	0	0	0	0	0	42,004
WASD Revenue Bonds Sold	108,448	0	0	0	0	0	0	0	108,448
WIFIA Loan	32,273	30,586	13,886	26,589	53,154	25,123	0	0	181,612
Wastewater Connection Charges	8,300	2,846	2,117	13,635	18,470	0	0	0	45,368
Wastewater Special Construction Fund	5,955	3,257	43,141	22,118	15,000	15,001	18,116	25,020	147,608
TOTAL REVENUES:	**184,980**	**48,689**	**72,444**	**193,393**	**326,108**	**278,568**	**195,487**	**137,502**	**1,437,170**
EXPENDITURE SCHEDULE:	**PRIOR**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**FUTURE**	**TOTAL**
Construction	155,471	66,516	68,821	183,724	309,802	264,639	185,713	130,627	1,365,313
Land Acquisition/Improvements	1,637	700	724	1,934	3,815	2,786	1,955	1,375	14,926
Planning and Design	6,546	2,800	2,898	7,736	12,490	11,143	7,819	5,500	56,932
TOTAL EXPENDITURES:	**163,653**	**70,016**	**72,444**	**193,393**	**326,108**	**278,568**	**195,487**	**137,502**	**1,437,170**

WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS PROGRAM #: 968750

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

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Wastewater Renewal Fund	7,111	3,000	3,000	3,000	3,000	3,000	3,000	3,000	28,111
TOTAL REVENUES:	**7,111**	**3,000**	**3,000**	**3,000**	**3,000**	**3,000**	**3,000**	**3,000**	**28,111**
EXPENDITURE SCHEDULE:	**PRIOR**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**FUTURE**	**TOTAL**
Construction	6,400	2,700	2,700	2,700	2,700	2,700	2,700	2,700	25,300
Major Machinery and Equipment	356	150	150	150	150	150	150	150	1,406
Planning and Design	356	150	150	150	150	150	150	150	1,406
TOTAL EXPENDITURES:	**7,111**	**3,000**	**3,000**	**3,000**	**3,000**	**3,000**	**3,000**	**3,000**	**28,111**

FY 2021 - 22 Adopted Budget and Multi-Year Capital Plan

WASTEWATER - REGIONAL GENERAL MAINTENANCE AND OFFICE FACILITIES

PROGRAM #: 9653201

DESCRIPTION: Construct and/or renovate various regional general maintenance centers, office facilities and storage warehouses

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	300	300	2,500	3,000	2,201	300	114,685	123,286
WASD Revenue Bonds Sold	499	0	0	0	0	0	0	0	499
Wastewater Renewal Fund	2,759	0	0	0	0	0	0	0	2,759
TOTAL REVENUES:	3,259	300	300	2,500	3,000	2,201	300	114,685	126,545
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	2,998	276	276	2,300	2,760	1,985	276	105,527	116,397
Planning and Design	261	24	24	200	240	216	24	9,159	10,148
TOTAL EXPENDITURES:	3,259	300	300	2,500	3,000	2,201	300	114,685	126,545

WASTEWATER - SOUTH DISTRICT TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

PROGRAM #: 9651061

DESCRIPTION: Provide piping improvements to pump station number 536 and force main upgrade in SW 117 Ave

LOCATION: Wastewater System - South District Area
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,299	7,500	10,621	0	0	0	0	20,420
WASD Revenue Bonds Sold	100	0	0	0	0	0	0	0	100
TOTAL REVENUES:	100	2,299	7,500	10,621	0	0	0	0	20,520
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	90	2,069	6,750	9,559	0	0	0	0	18,468
Land Acquisition/Improvements	2	46	150	212	0	0	0	0	410
Planning and Design	8	184	600	850	0	0	0	0	1,642
TOTAL EXPENDITURES:	100	2,299	7,500	10,621	0	0	0	0	20,520

WASTEWATER - SYSTEM MAINTENANCE AND UPGRADES

PROGRAM #: 9650361

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

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Wastewater Renewal Fund	37,914	16,500	11,135	17,000	17,000	17,000	12,000	12,000	140,548
TOTAL REVENUES:	37,914	16,500	11,135	17,000	17,000	17,000	12,000	12,000	140,548
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	7,083	3,627	2,400	3,400	3,400	3,400	2,400	2,400	28,109
Major Machinery and Equipment	28,331	14,508	9,600	13,600	13,600	13,600	9,600	9,600	112,439
TOTAL EXPENDITURES:	35,414	18,135	12,000	17,000	17,000	17,000	12,000	12,000	140,548

FY 2021 - 22 Adopted Budget and Multi-Year Capital Plan

WASTEWATER TREATMENT PLANT - SOUTH DISTRICT UPGRADES **PROGRAM #: 9653401**

DESCRIPTION: Provide plant process infrastructure improvements to include injection and monitoring wells, installation of emergency generators, acquiring a land buffer, construction of a landfill gas pipeline, installation of co-generation units and construction of sludge handling facilities

LOCATION: 8950 SW 232 St
Unincorporated Miami-Dade County

District Located: 8
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,941	13,594	17,827	8,006	200	300	33,678	76,546
WASD Revenue Bonds Sold	1,285	0	0	0	0	0	0	0	1,285
Wastewater Connection Charges	183	398	0	0	0	0	0	0	581
TOTAL REVENUES:	**1,468**	**3,339**	**13,594**	**17,827**	**8,006**	**200**	**300**	**33,678**	**78,411**
EXPENDITURE SCHEDULE:	**PRIOR**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**FUTURE**	**TOTAL**
Construction	1,367	3,109	12,642	16,579	7,446	186	279	31,285	72,893
Planning and Design	101	230	952	1,248	560	14	21	2,392	5,518
TOTAL EXPENDITURES:	**1,468**	**3,339**	**13,594**	**17,827**	**8,006**	**200**	**300**	**33,678**	**78,411**

WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS **PROGRAM #: 964120**

DESCRIPTION: Design, construct and rehabilitate infrastructure improvements at wastewater treatment plants to comply with the Federal Environmental Protection Agency (EPA) Consent Decree

LOCATION: Various Sites
Throughout Miami-Dade County

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	147,486	121,213	90,193	40,338	13,124	5,363	417,718
WASD Revenue Bonds Sold	893,927	0	0	0	0	0	0	0	893,927
Wastewater Connection Charges	3,002	3,544	5,338	0	0	0	0	0	11,884
Wastewater Renewal Fund	11,240	0	0	0	0	0	0	0	11,240
TOTAL REVENUES:	**908,168**	**3,544**	**152,825**	**121,213**	**90,193**	**40,338**	**13,124**	**5,363**	**1,334,769**
EXPENDITURE SCHEDULE:	**PRIOR**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**FUTURE**	**TOTAL**
Construction	682,120	183,941	145,130	115,152	85,683	38,321	12,468	5,095	1,267,911
Planning and Design	35,933	9,719	7,695	6,061	4,510	2,017	656	268	66,858
TOTAL EXPENDITURES:	**718,052**	**193,660**	**152,825**	**121,213**	**90,193**	**40,338**	**13,124**	**5,363**	**1,334,769**

FY 2021 - 22 Adopted Budget and Multi-Year Capital Plan

WATER - CENTRAL MIAMI-DADE TRANSMISSION MAINS IMPROVEMENTS PROGRAM #: 9654041

DESCRIPTION: Replace various low-pressure water mains and install a 20-inch water main at railroad crossings via microtunneling method

LOCATION: Central Miami-Dade County Area
City of Miami

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	700	1,000	4,220	4,271	0	0	10,191
WASD Revenue Bonds Sold	254	0	0	0	0	0	0	0	254
Water Renewal and Replacement Fund	266	0	0	0	0	0	0	0	266
TOTAL REVENUES:	520	0	700	1,000	4,220	4,271	0	0	10,711
EXPENDITURE SCHEDULE:	**PRIOR**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**FUTURE**	**TOTAL**
Construction	258	241	665	950	4,009	4,058	0	0	10,180
Planning and Design	8	13	35	50	211	214	0	0	531
TOTAL EXPENDITURES:	266	254	700	1,000	4,220	4,271	0	0	10,711

WATER - DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS PROGRAM #: 9653311

DESCRIPTION: Install various water mains throughout the distribution system

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Fire Hydrant Fund	11	0	0	0	0	0	0	0	11
Future WASD Revenue Bonds	0	0	3,040	2,000	0	0	0	0	5,040
WASD Revenue Bonds Sold	45,558	0	0	0	0	0	0	0	45,558
Water Connection Charges	356	356	355	0	0	0	0	0	1,067
Water Renewal and Replacement Fund	54,587	8,657	6,500	6,500	6,500	6,500	6,500	6,500	102,244
Water Special Construction Fund	12,822	0	0	0	0	0	0	0	12,822
TOTAL REVENUES:	113,334	9,013	9,895	8,500	6,500	6,500	6,500	6,500	166,742
EXPENDITURE SCHEDULE:	**PRIOR**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**FUTURE**	**TOTAL**
Construction	87,956	15,341	22,694	8,730	6,790	6,790	7,275	6,305	161,881
Planning and Design	2,720	329	702	270	210	210	225	195	4,861
TOTAL EXPENDITURES:	90,677	15,670	23,395	9,000	7,000	7,000	7,500	6,500	166,742

FY 2021 - 22 Adopted Budget and Multi-Year Capital Plan

WATER - MIAMI SPRINGS CONSTRUCTION FUND PROGRAM #: 965450

DESCRIPTION: Repair and/or replace water transmission pipes in Miami Springs
LOCATION: Miami Springs — District Located: 6
Miami Springs — District(s) Served: 6

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Miami Springs Water Construction Fund	12,800	508	0	0	0	0	0	0	13,308
TOTAL REVENUES:	12,800	508	0	0	0	0	0	0	13,308
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	12,800	508	0	0	0	0	0	0	13,308
TOTAL EXPENDITURES:	12,800	508	0	0	0	0	0	0	13,308

WATER - NORTH MIAMI-DADE TRANSMISSION MAIN IMPROVEMENTS PROGRAM #: 9654031

DESCRIPTION: Install 36-inch water main along NW 87 Ave to improve transmission capabilities in the north central area of the county and a 48-inch water main connection to the Carol City tank
LOCATION: North Miami-Dade County Area — District Located: Systemwide
Miami Gardens — District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	14,526	14,869	8,386	4,000	0	0	41,781
WASD Revenue Bonds Sold	15,270	0	0	0	0	0	0	0	15,270
Water Connection Charges	24,672	500	0	0	0	0	0	0	25,172
Water Renewal and Replacement Fund	335	0	0	0	0	0	0	0	335
TOTAL REVENUES:	40,277	500	14,526	14,869	8,386	4,000	0	0	82,558
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	28,275	10,874	13,945	14,274	8,051	3,840	0	0	79,259
Planning and Design	1,175	453	581	595	335	160	0	0	3,299
TOTAL EXPENDITURES:	29,450	11,327	14,526	14,869	8,386	4,000	0	0	82,558

FY 2021 - 22 Adopted Budget and Multi-Year Capital Plan

WATER - SAFE DRINKING WATER ACT MODIFICATIONS PROGRAM #: 9654061

DESCRIPTION: Modify water treatment to comply with Surface Water Treatment and Disinfectant/Disinfection By Product (D-DBP) regulations

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	58,001	15,283	10,576	4,500	2,500	0	90,861
WASD Revenue Bonds Sold	9,690	0	0	0	0	0	0	0	9,690
Water Connection Charges	23,813	161	1,510	1,161	1,161	0	0	0	27,806
Water Renewal and Replacement Fund	2,901	0	0	0	0	0	0	0	2,901
TOTAL REVENUES:	36,404	161	59,511	16,444	11,738	4,500	2,500	0	131,258
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	8,111	3,770	76,509	15,129	10,799	4,140	2,300	0	120,757
Planning and Design	705	328	6,653	1,316	939	360	200	0	10,501
TOTAL EXPENDITURES:	8,816	4,098	83,162	16,444	11,738	4,500	2,500	0	131,258

WATER - SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM PROGRAM #: 2000000072

DESCRIPTION: Design, construct and replace undersized water mains to improve fire flows, pressure to homes and quality of water

LOCATION: Systemwide
Throughout Miami-Dade County

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Fire Hydrant Fund	753	0	0	0	0	0	0	0	753
Future WASD Revenue Bonds	0	0	25,891	28,820	31,713	32,413	36,313	79,125	234,275
WASD Revenue Bonds Sold	85,626	0	0	0	0	0	0	0	85,626
Water Connection Charges	1,889	687	1,288	1,287	1,287	1,287	1,287	0	9,013
Water Renewal and Replacement Fund	964	0	0	0	0	0	0	0	964
TOTAL REVENUES:	89,232	687	27,179	30,108	33,001	33,700	37,600	79,125	330,631
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	65,992	19,497	25,845	28,628	31,376	32,041	35,746	75,169	314,294
Planning and Design	3,418	1,012	1,333	1,480	1,624	1,659	1,854	3,956	16,337
TOTAL EXPENDITURES:	69,410	20,509	27,179	30,108	33,001	33,700	37,600	79,125	330,631

EXHIBIT "D"

MIAMI DADE COUNTY
INTERNAL SERVICES DEPARTMENT

LIST OF RESPONDENTS

Project Name: Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Materials Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pumps Stations, Collection, Distribution and Transmission Piping, and all Related Facilities as Necessary to Ensure Quality Control / Assurance for WASD's Capital Improvement Projects

Project No.: E20-WASD-02B

Measures: SBE/AE 20%

No. of Agreements: 2

Contract Type: PROFESSIONAL SERVICES AGREEMENT

Submittal Date: 02/19/2021

Team No.: 1

Prime Name: WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS INC

Prime Local Preference: Yes

FEIN No.: 911641772

Trade Name:

Sub-Consultants Name	Trade Name	Subs FEIN No.
a. GCES ENGINEERING SERVICES LLC		461012695
b. NV5 INC	KACO	271979486
c. EBS ENGINEERING INC		650492113
d. BARNES FERLAND & ASSOCIATES INC		593237612
e. J & R PRECISION DRILLING, INC.		264585897
f. PINK DIAMOND INSPECTIONS LLC		472207678
g. ATI COMPANIES LLC		263960932
h. GEOVIEW, INC		593651879

Team No.: 2

Prime Name: TIERRA SOUTH FLORIDA INC

Prime Local Preference: Yes

FEIN No.: 200282450

Trade Name:

Sub-Consultants Name	Trade Name	Subs FEIN No.
a. GCES ENGINEERING SERVICES LLC		461012695
b. EBS ENGINEERING INC		650492113
c. NADIC ENGINEERING SERVICES INC		300052251
d. CHEROKEE ENTERPRISES INC		650891158
e. RAYMOND ENGINEERING-GEORGIA, INC.		770659333

Team No.: 3

Prime Name: UNIVERSAL ENGINEERING SCIENCES LLC

Prime Local Preference: Yes

FEIN No.: 591117804

Trade Name:

Sub-Consultants Name	Trade Name	Subs FEIN No.
a. HR ENGINEERING SERVICES INC		650849633
b. KIMLEY-HORN & ASSOCIATES INC		560885615
c. EBS ENGINEERING INC		650492113
d. RAYMOND ENGINEERING-GEORGIA, INC.		770659333
e. NADIC ENGINEERING SERVICES INC		300052251

MIAMI DADE COUNTY
INTERNAL SERVICES DEPARTMENT

LIST OF RESPONDENTS

Project Name: Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Materials Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pumps Stations, Collection, Distribution and Transmission Piping, and all Related Facilities as Necessary to Ensure Quality Control / Assurance for WASD's Capital Improvement Projects

Project No.: E20-WASD-02B

Measures: SBE/AE 20%

No. of Agreements: 2

Contract Type: PROFESSIONAL SERVICES AGREEMENT

Submittal Date: 02/19/2021

Team No.: 4

Prime Name: RADISE INTERNATIONAL LC

Prime Local Preference: Yes

FEIN No.: 650785837

Trade Name:

Sub-Consultants Name	Trade Name	Subs FEIN No.
a. NOVA CONSULTING INC		650577672
b. ATC GROUP SERVICES LLC		460399408
c. GEOSYNTEC CONSULTANTS		592355134
d. GCES ENGINEERING SERVICES LLC		461012695
e. HYDRODESIGNS, LLC		800803504
f. AMERICAN TESTING MATERIALS ENGINEERING, LLC.	ATM ENGINEERING LLC	462877285

Team No.: 5

Prime Name: WINGERTER LABORATORIES INC

Prime Local Preference: Yes

FEIN No.: 590594442

Trade Name:

Sub-Consultants Name	Trade Name	Subs FEIN No.
a. EBS ENGINEERING INC		650492113
b. ENVIRONMENTAL REGULATORY COMPLIANCE INC		650449546
c. AMERICAN TESTING MATERIALS ENGINEERING, LLC.	ATM ENGINEERING LLC	462877285
d. ADVANCE CONSULTING ENGINEERING SERV INC		650532839

Team No.: 6

Prime Name: PROFESSIONAL SERVICE INDUST INC (PSI)

Prime Local Preference: Yes

FEIN No.: 370962090

Trade Name:

Sub-Consultants Name	Trade Name	Subs FEIN No.
a. HR ENGINEERING SERVICES INC		650849633
b. BLASCOM ENGINEERING INC		461661962
c. EBS ENGINEERING INC		650492113
d. MANUEL G VERA AND ASSOC INC		591741639
e. BCC ENGINEERING LLC		650540100
f. EAC CONSULTING INC		650519739
g. SAFETY SYSTEMS BARRICADES, CORP		263278034
h. ROAD SAFE TRAFFIC SYSTEM INC		261084418

MIAMI DADE COUNTY
INTERNAL SERVICES DEPARTMENT

LIST OF RESPONDENTS

Project Name: Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Materials Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pumps Stations, Collection, Distribution and Transmission Piping, and all Related Facilities as Necessary to Ensure Quality Control / Assurance for WASD's Capital Improvement Projects

Project No.: E20-WASD-02B

Measures: SBE/AE 20%

No. of Agreements: 2

Contract Type: PROFESSIONAL SERVICES AGREEMENT

Submittal Date: 02/19/2021

Team No.: 7

Prime Name: TERRACON CONSULTANTS INC

Prime Local Preference: Yes

FEIN No.: 421249917

Trade Name:

Sub-Consultants Name	Trade Name	Subs FEIN No.
a. BLASCOM ENGINEERING INC		461661962
b. GCES ENGINEERING SERVICES LLC		461012695
c. HR ENGINEERING SERVICES INC		650849633
d. ARCHITECTS INTERNATIONAL INC		592032355
e. ALL AMERICAN BARRICADES CORP		650827246
f. GEOVIEW, INC		593651879
g. GROUND PENETRATING RADAR SYSTEMS LLC		311803412
h. JAM ENVIRONMENTAL & VACCUM SERVICES LLC		900420636
i. TESTAMERICA LABORATORIES INC	EUROFINS TESTAMERICA	232919996
j. PACE ANALYTICAL SERVICES LLC		411821617
k. JAEE ENVIRONMENTAL SERVICES INC		650289079
l. WOMBAT ENVIRONMENTAL, L.L.C.		651083767
m. E.T.D., INC. D/B/A EARTH TECH DRILLING		043643895
n. WD ENVIRONMENTAL SERVICES INC		272565315
o. DIVERSIFIED PROFESSIONAL SERVICES CORP		208581072
p. CARBON WORKS USA LLC		821311650
q. EMSL ANALYTICAL INC		222357101
r. EUROFINS EPK BUILT ENVIRONMENT TESTING LLC	EUROFINS EMLAB P&K	271956592
s. CLARK ENVIRONMENTAL INC		593061371
t. US ECOLOGY TAMPA, INC.		200414157

EXHIBIT "E"

Memorandum MIAMI-DADE COUNTY

DATE: April 19, 2021

TO: Namita Uppal, Chief Procurement Officer
Internal Services Department

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

SUBJECT: Compliance Review
Project No. E20-WASD-02B
Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations And Materials Testing Services Related To The Improvement, Upgrades And Expansions Of Water And Wastewater Treatment Plants, Pump Stations, Collection, Etc.

Small Business Development (SBD), a Division of the Internal Services Department, has completed its review of the subject project for compliance with the Small Business Enterprise (SBE-A&E) Program for Architectural and Engineering Services. The contract measure established for this project is a 20% SBE-A&E sub-consultant goal.

The Strategic Procurement Division of the Internal Services Department submitted proposals that included the Certificate of Assurance for the firms listed below acknowledging the 20% SBE-A&E measure. All referenced firms also submitted their Utilization Plan (UP) identifying the SBE sub-consultants to fulfill the 20% SBE-A&E sub-consultant goal via the Business Management Workforce System (BMWS). Please find the results of SBD's compliance review below:

STATUS:

1.	Radise International, L.C.	Compliant
2.	Professional Service Industries. Inc.	Compliant
3.	Terracon Consultants, Inc.	Compliant
4.	Tierra South Florida, Inc.	Compliant
5.	Universal Engineering Sciences, LLC.	Compliant
6.	Wingerter Laboratories Inc	Compliant
7.	Wood Environment & Infrastructure Solutions, Inc.	Compliant

SUMMARY:

Radise International, L.C. (#1), a certified SBE-A&E firm, committed to utilize the following certified, SBE-A&E firms: American Testing Materials Engineering LLC to perform Technical Certification Categories (TC's) 9.02 (Soils, Foundations and Material Testing - Geotechnical and Materials Engineering Services), 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services), 9.04 (Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections), 10.05 (Environmental Engineering – Contamination Assessment and Monitoring), 10.06 (Environmental Engineering – Remedial Action Plan Design) and 10.07 (Environmental Engineering – Remedial Action Plan Implementation/Operation/Maintenance) at 9.00%; GCES Engineering Services, LLC to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services), 9.02 (Soils, Foundations and Material Testing- Geotechnical and Materials Engineering Services), 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services) and 9.04 (Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections) at 9.00% and Hydrodesigns, LLC to perform TC 10.02 (Environmental Engineering – Geology Services) at 2.00% in satisfaction of the 20% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by Radise International, L.C. and confirmed by the sub-consultants listed to achieve the 20% SBE-A&E goal.

Radise International, L.C. is in compliance with the 20% SBE-A&E sub-consultant goal.

Professional Service Industries. Inc. (#2), a non-certified SBE-A&E firm, committed to utilize the following certified, SBE-A&E firms: Blascom Engineering, Inc. to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services), 9.02 (Soils, Foundations and Material Testing - Geotechnical and Materials Engineering Services), 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services) and 9.04 (Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections) at 13.00%; EBS Engineering, Inc. to perform TC's 9.06 (Soils, Foundations and Material Testing – Asbestos), 10.05 (Environmental Engineering – Contamination Assessment and Monitoring), 10.06 (Environmental Engineering – Remedial Action Plan Design) and 10.07 (Environmental Engineering – Remedial Action Plan Implementation/Operation/Maintenance) at 4.00% and HR Engineering Services, Inc. to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services) and 9.02 (Soils, Foundations and Material Testing- Geotechnical and

Materials Engineering Services) at 8.00% in satisfaction of the 20% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by Professional Service Industries. Inc. and confirmed by the sub-consultants listed to achieve the 20% SBE-A&E goal.

Professional Service Industries. Inc. is in compliance with the 20% SBE-A&E sub-consultant goal.

Terracon Consultants, Inc. (#3), a non-certified SBE-A&E firm, committed to utilize the following certified, SBE-A&E firms: Blascom Engineering, Inc. to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services), 9.02 (Soils, Foundations and Material Testing- Geotechnical and Materials Engineering Services), 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services) and 9.04 (Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections) at 9.00%; GCES Engineering Services, LLC to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services), 9.02 (Soils, Foundations and Material Testing- Geotechnical and Materials Engineering Services), 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services) and 9.04 (Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections) at 6.00% and HR Engineering Services, Inc. to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services) and 9.02 (Soils, Foundations and Material Testing - Geotechnical and Materials Engineering Services) at 5.00% In satisfaction of the 20% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by Terracon Consultants, Inc. and confirmed by the sub-consultants listed to achieve the 20% SBE-A&E goal.

Terracon Consultants, Inc. is In compliance with the 20% SBE-A&E sub-consultant goal.

Tierra South Florida, Inc. (#4), a certified SBE-A&E firm, committed to utilize the following certified, SBE-A&E firms: EBS Engineering, Inc. to perform TC's 9.06 (Soils, Foundations and Material Testing – Asbestos), 10.05 (Environmental Engineering – Contamination Assessment and Monitoring), 10.06 (Environmental Engineering – Remedial Action Plan Design) and 10.07 (Environmental Engineering – Remedial Action Plan Implementation/Operation/Maintenance) at 5.00%; GCES Engineering Services, LLC to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services), 9.02 (Soils, Foundations and Material Testing- Geotechnical and Materials Engineering Services), 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services) and 9.04 (Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections) at 10.00% and Nadic Engineering Services, Inc. to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services), 9.02 (Soils, Foundations and Material Testing- Geotechnical and Materials Engineering Services) and 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services) at 10.00% in satisfaction of the 20% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by Tierra South Florida, Inc. and confirmed by the sub-consultants listed to achieve the 20% SBE-A&E goal.

Tierra South Florida, Inc. is in compliance with the 20% SBE-A&E sub-consultant goal.

Universal Engineering Sciences, LLC. (#5), a non-certified SBE-A&E firm, committed to utilize HR Engineering Services, Inc., a certified, SBE-A&E firm to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services) and 9.02 (Soils, Foundations and Material Testing - Geotechnical and Materials Engineering Services) at 20.00% in satisfaction of the 20% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by Universal Engineering Sciences, LLC. and confirmed by the sub-consultant listed to achieve the 20% SBE-A&E goal.

Universal Engineering Sciences, LLC. is in compliance with the 20% SBE-A&E sub-consultant goal.

Wingerter Laboratories Inc (#6), a non-certified SBE-A&E firm, committed to utilize the following certified, SBE-A&E firms: American Testing Materials Engineering LLC to perform TC's 9.02 (Soils, Foundations and Material Testing- Geotechnical and Materials Engineering Services), 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services), 9.04 (Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections), 10.05 (Environmental Engineering – Contamination Assessment and Monitoring), 10.06 (Environmental Engineering – Remedial Action Plan Design) and 10.07 (Environmental Engineering – Remedial Action Plan Implementation/Operation/Maintenance) at 10.00%; EBS Engineering, Inc. to perform TC's 9.06 (Soils, Foundations and Material Testing – Asbestos), 10.05 (Environmental Engineering – Contamination Assessment and Monitoring), 10.06 (Environmental Engineering – Remedial Action Plan Design) and 10.07 (Environmental Engineering – Remedial Action Plan Implementation/Operation/Maintenance) at 5.00% and Environmental Regulatory Compliance Inc (ERC) to perform TC's 10.02 (Environmental Engineering – Geology Services) and 10.05 (Environmental Engineering – Contamination Assessment and Monitoring) at 5.00% In satisfaction of the 20% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by Wingerter Laboratories Inc confirmed by the sub-consultants listed to achieve the 20% SBE-A&E goal.

Wingerter Laboratories Inc is in compliance with the 20% SBE-A&E sub-consultant goal.

Wood Environment & Infrastructure Solutions, Inc. (#7), a non-certified SBE-A&E firm, committed to utilize the following certified, SBE-A&E firms: Barnes, Ferland and Associates, Inc. to perform TC's 10.02 (Environmental Engineering – Geology Services), 10.05 (Environmental Engineering – Contamination Assessment and Monitoring), 10.06 (Environmental Engineering – Remedial Action Plan Design) and 10.07 (Environmental Engineering – Remedial Action Plan Implementation/Operation/Maintenance) at 5.00%; EBS Engineering, Inc. to perform TC's 9.06 (Soils, Foundations and Material Testing – Asbestos), 10.05 (Environmental Engineering – Contamination Assessment and Monitoring), 10.06 (Environmental Engineering – Remedial Action Plan Design) and 10.07 (Environmental Engineering – Remedial Action Plan Implementation/Operation/Maintenance) at 5.00% and GCES Engineering Services, LLC to perform TC's 9.01 (Soils, Foundations and Material Testing - Drilling, Subsurface Investigations and Seismographic Services), 9.02 (Soils, Foundations and Material Testing- Geotechnical and Materials Engineering Services), 9.03 (Soils, Foundations and Material Testing – Concrete and Asphalt Testing Services) and 9.04 (Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections) at 10.00% in satisfaction of the 20% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by Wood Environment & Infrastructure Solutions, Inc. and confirmed by the sub-consultants listed to achieve the 20% SBE-A&E goal.

Wood Environment & Infrastructure Solutions, Inc. is in compliance with the 20% SBE-A&E sub-consultant goal.

SBD verified that none of the previously referenced firms are listed with an open violation on the April 19, 2021 Compliance Report of Open and Closed Small Business, Wage and/or Workforce Violations.

Please be reminded that SBD's review is specific to the SBE-A&E program. The Strategic Procurement Division of the Internal Services Department is responsible for any other issues that may exist during the selection process.

Should you have any questions or need any additional information, please do not hesitate to contact Mr. Caesar Suarez, SBD Capital Improvement Project Specialist at caesars@miamidade.gov or (305) 375-3141.

C: Laurie Johnson, ISD
Amado Gonzalez, ISD

FIRST TIER MEETING

August 5, 2021

WATER AND SEWER DEPARTMENT

GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, DISTRIBUTION AND TRANSMISSION PIPING, AND ALL RELATED FACILITIES AS NECESSARY TO ENSURE QUALITY CONTROL/ASSURANCE FOR WASD'S CAPITAL IMPROVEMENT PROJECTS

TABULATION SHEET
ISD PROJECT NO. E20-WASD-02B

	NAME OF FIRM(S)	COMPETITIVE SELECTION COMMITTEE: LI Gurau, WASD	Harold Concepcion, WASD	Margaret Moss, WASD	Raquel Rosal, Seaport	Marlin Brinson, PROS	SUB-TOTAL	TOTAL & ADJ. QUALITATIVE SCORE	TOTAL ADJ. ORDINAL SCORES	ORDINAL RANKING	FINAL RANK
1	Wood Environmental & Infrastructure Solutions, Inc. (LOCAL)										
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	45	40	50	42	45	222				
	2A - Knowledge and Past Experience of similar type projects (Max. 20 points)	17	18	20	17	16	88				
	3A - Past Performance of the Firms (Max. 20 points)	17	16	18	17	17	85				
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	5	5	5	5	4	24				
	5A - Ability of team members to interface with the County (Max 5 points)	4	3	5	5	5	22				
		88	82	98	86	87		441			
	Ordinal Scores	7	6	2	4	3					
	Dropped Ordinal Scores	7		2					13	4	4
	Dropped Qualitative Scores		82	98				261			
	Tie-Breaker(CSC Ords)-Criterion 1A,2A,3A,4A,5A, then Total Qual. Points for 1A,2A,3A,4A,5A.										
	Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A,5A										
2	Tierra South Florida, Inc. (LOCAL)										
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	48	42	47	41	43	221				
	2A - Knowledge and Past Experience of similar type projects (Max. 20 points)	18	18	19	16	14	85				
	3A - Past Performance of the Firms (Max. 20 points)	18	16	10	16	11	71				
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	2	2	3	3	1	11				
	5A - Ability of team members to interface with the County (Max 5 points)	5	4	5	5	4	23				
		91	82	84	81	73		411			
	Ordinal Scores	5	4	5	7	6					
	Dropped Ordinal Scores		4		7				16	6	6
	Dropped Qualitative Scores	91				73		247			
	Tie-Breaker(CSC Ords)-Criterion 1A,2A,3A,4A,5A, then Total Qual. Points for 1A,2A,3A,4A,5A.										
	Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A,5A										

EXHIBIT "F"

FIRST TIER MEETING

August 5, 2021

WATER AND SEWER DEPARTMENT

GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, DISTRIBUTION AND TRANSMISSION PIPING, AND ALL RELATED FACILITIES AS NECESSARY TO ENSURE QUALITY CONTROL/ASSURANCE FOR WASD'S CAPITAL IMPROVEMENT PROJECTS

TABULATION SHEET
ISD PROJECT NO. E20-WASD-02B

		COMPETITIVE SELECTION COMMITTEE									
		LI Gurau, WASD	Harold Concepcion, WASD	Margaret Moss, WASD	Raquel Rosal, Seaport	Marlin Brinson, PROS	SUB-TOTAL	TOTAL & ADJ. QUALITATIVE SCORE	TOTAL ADJ. ORDINAL SCORES	ORDINAL RANKING	FINAL RANK
3	Universal Engineering Services LLC (LOCAL)										
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	46	46	45	45	41	223				
	2A - Knowledge and Past Experience of similar type projects (Max. 20 points)	18	18	20	17	14	87				
	3A - Past Performance of the Firms (Max. 20 points)	18	18	8	17	15	76				
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	4	5	5	5	3	22				
	5A - Ability of team members to interface with the County (Max 5 points)	5	5	5	5	5	25				
		91	92	83	89	78		433			
	Ordinal Scores	6	3	6	2	5					
	Dropped Ordinal Scores	6			2				14	5	5
	Dropped Qualitative Scores		92			78		263			
	Tie-Breaker(CSC Ords)-Criterion 1A,2A,3A,4A,5A, then Total Qual. Points for 1A,2A,3A,4A,5A.										
	Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A,5A										
4	Radise International LC. (LOCAL)										
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	48	48	50	40	42	228				
	2A - Knowledge and Past Experience of similar type projects (Max. 20 points)	18	20	20	17	13	88				
	3A - Past Performance of the Firms (Max. 20 points)	17	18	20	17	19	91				
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	4	4	4	4	2	18				
	5A - Ability of team members to interface with the County (Max 5 points)	5	5	5	5	4	24				
		92	95	99	83	80		449			
	Ordinal Scores	4	2	1	5	4					
	Dropped Ordinal Scores			1	5				10	3	3
	Dropped Qualitative Scores			99		80		270			
	Tie-Breaker(CSC Ords)-Criterion 1A,2A,3A,4A,5A, then Total Qual. Points for 1A,2A,3A,4A,5A.										
	Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A,5A										
5	Wingerter Laboratories, Inc. (LOCAL)										
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	49	40	30	40	39	198				
	2A - Knowledge and Past Experience of similar type projects (Max. 20 points)	18	16	3	16	11	69				
	3A - Past Performance of the Firms (Max. 20 points)	17	16	10	16	13	72				
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	5	5	5	5	5	25				
	5A - Ability of team members to interface with the County (Max 5 points)	4	3	5	5	3	20				
		93	80	58	82	71		384			
	Ordinal Scores	3	7	7	6	7					
	Dropped Ordinal Scores	3		7					20	7	7
	Dropped Qualitative Scores	93		58				233			
	Tie-Breaker(CSC Ords)-Criterion 1A,2A,3A,4A,5A, then Total Qual. Points for 1A,2A,3A,4A,5A.										
	Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A,5A										

FIRST TIER MEETING

August 5, 2021

WATER AND SEWER DEPARTMENT

GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, DISTRIBUTION AND TRANSMISSION PIPING, AND ALL RELATED FACILITIES AS NECESSARY TO ENSURE QUALITY CONTROL/ASSURANCE FOR WASD'S CAPITAL IMPROVEMENT PROJECTS

TABULATION SHEET
ISD PROJECT NO. E20-WASD-02B

		COMPETITIVE SELECTION COMMITTEE									
		LI Gurau, WASD	Harold Concepcion, WASD	Margaret Moss, WASD	Raquel Rosal, Seaport	Marlin Brinson, PROS	SUB-TOTAL	TOTAL & ADJ. QUALITATIVE SCORE	TOTAL ADJ. ORDINAL SCORES	ORDINAL RANKING	FINAL RANK
6	Professional Service Industries, Inc. (LOCAL)										
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	48	48	50	46	47	239				
	2A - Knowledge and Past Experience of similar type projects (Max. 20 points)	19	20	20	16	18	93				
	3A - Past Performance of the Firms (Max. 20 points)	19	18	17	18	17	89				
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	3	4	3	3	1	14				
	5A - Ability of team members to interface with the County (Max 5 points)	5	5	5	5	5	25				
		94	95	95	88	88		460			
	Ordinal Scores	2	1	3	3	2					
	Dropped Ordinal Scores		1		3				7	2	2
	Dropped Qualitative Scores		95			88		277			
	Tie-Breaker(CSC Ords)-Criterion 1A,2A,3A,4A,5A, then Total Qual. Points for 1A,2A,3A,4A,5A.										
	Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A,5A										
7	Terracon Consultants, Inc. (LOCAL)										
	1A - Qualification of firms including team members associated to the project (Max. 50 points)	49	42	48	47	48	234				
	2A - Knowledge and Past Experience of similar type projects (Max. 20 points)	19	16	20	17	18	90				
	3A - Past Performance of the Firms (Max. 20 points)	18	16	15	19	17	85				
	4A - Amount of Work Awarded and Paid by the County (Max. 5 points)	4	5	4	4	3	20				
	5A - Ability of team members to interface with the County (Max 5 points)	5	3	5	5	4	22				
		95	82	92	92	90		451			
	Ordinal Scores	1	5	4	1	1					
	Dropped Ordinal Scores	1	5						6	1	1
	Dropped Qualitative Scores	95	82					274			
	Tie-Breaker(CSC Ords)-Criterion 1A,2A,3A,4A,5A, then Total Qual. Points for 1A,2A,3A,4A,5A.										
	Tie-Breaker (Total Ord. Score)-Total Adjusted Qual. Points, then Total Qual. Points for 1A,2A,3A,4A,5A										

Amado Gonzalez, Chairperson

EXHIBIT "G"

RECEIVED BY CLERK
Circuit & County Courts
Miami-Dade County, Florida
FILED FOR RECORD
3:29 pm, 11/05/2021
CLERK OF THE BOARD

Memorandum

MIAMI-DADE COUNTY

Date: September 30, 2021

To: Roy Coley, Director
Water and Sewer Department

Through: Namita Uppal, C.P.M., Chief Procurement Officer
Internal Services Department

From: Amado Gonzalez, Consultant Selection Coordinator
Chairperson, Competitive Selection Committee

Digitally signed by Namita Uppal
DN: cn=Namita Uppal, o=Miami Dade County, ou=Chief Procurement Officer, email=uppaln@miamidade.gov, c=US
Date: 2021.10.01 00:41:12 -04'00'

Subject: NEGOTIATION AUTHORIZATION
Miami-Dade County Water and Sewer Department (WASD)
Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Materials Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pump Stations, Collection, Distribution and Transmission Piping, and all Related Facilities as Necessary to Ensure Quality Control/Assurance for WASD's Capital Improvement Projects
ISD Project No. E20-WASD-02B (SBE Goal)

The Competitive Selection Committee has completed the evaluation of the proposals submitted in response to the referenced Internal Services Department (ISD) solicitation and consistent with the guidelines published in the Notice to Professional Consultants (NTPC).

ISD Project No.: E20-WASD-02B (SBE Goal)

Project Title: Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Materials Testing Services Related to the Improvement, Upgrades and Expansions of Water and Wastewater Treatment Plants, Pump Stations, Collection, Distribution and Transmission Piping, and all Related Facilities as Necessary to Ensure Quality Control/Assurance for WASD's Capital Improvement Projects (CIP)

Scope of Services Summary: The Consultants will provide soils, foundations, geotechnical and materials testing services plus special structural integrity assessments, threshold building inspections, and other special inspections as necessary for the new facilities, refurbishments, design and construction of all projects included in the CIP schedule.

Experience and Qualifications: Please refer to the attached "Preferred Experience and Qualifications."

Term and Estimated Cost of Contract: The County intends to retain two (2) qualified consultants under two (2) separate non-exclusive Professional Services Agreements each with an effective term of five (5) years. Each Professional Services Agreement has a total maximum compensation of $4,000,000, plus a ten percent (10%) contingency in accordance with Ordinance 00-65.

Small Business Enterprise Goal: On June 29, 2020, the Internal Services Department's Small Business Development Division established a 20% Small Business Enterprise – Architectural & Engineering Goal for this project.

Advertisement Date: January 15, 2021.

Number of Proposals Received: Seven (7) proposals were received by the submittal deadline of February 19, 2021.

Name of Proposers: Please refer to the attached List of Respondents.

Small Business Enterprise Compliance Review: All reviewed proposals were deemed in compliance. Please refer to the attached Compliance Review Memorandum dated April 19, 2021.

Selection Process: The Architectural and Engineering professional services solicitation process is a two-tiered selection process; First Tier is the Evaluation of Experience and Qualifications, and Second Tier is the Oral Presentations. The First Tier is the evaluation of the firms' current statements of experience, qualifications and performance data. The Second Tier is the evaluation of the shortlisted firms' knowledge of project scope, qualifications of team members assigned to the project, and ability to provide the required services within schedule and budget, as demonstrated through an oral presentation from firms deemed responsive and responsible at the First Tier.
Note: The Competitive Selection Committee may waive the Second Tier selection process by a majority vote and base their selection on the results of the First Tier ranking only.

First Tier Results: The First Tier meeting was held on August 5, 2021. The Competitive Selection Committee was tasked with evaluating the experience and qualifications of the Proposers, and scoring and ranking the proposals in accordance with the evaluation criteria outlined in the solicitation. The Competitive Selection Committee scored all responsive proposals. During the evaluation process, all ties were broken using the standard tie-breaking procedure, as described in Section 3.3, Proposal Evaluation, of the Notice to Professional Consultants. Please refer to the attached First Tier Tabulation Sheet.

Second Tier Results: Based on the Competitive Selection Committee's professional judgement, the information provided in the proposals was deemed sufficient to determine the experience and qualifications of the Proposers. As a result, and by a majority vote, the Competitive Selection Committee decided to forego Second Tier proceedings.

Request for Appointment of Negotiation Committee: Pursuant to Section 2-10.4(6) of the Code of Miami-Dade County, the Internal Services Department hereby requests that the County Mayor or County Mayor's designee approve the following Negotiation Committee:

- Amado Gonzalez, A&E Consultant Selection Coordinator, Non-Voting Chairperson, ISD
- Harold Concepcion, PMO Director, Water and Sewer Department (WASD)
- Margaret Moss, Chief Small Business Initiatives, WASD
- Marlin Brinson, Professional Engineer, Parks Recreation and Open Spaces

Request for Authorization to Enter Negotiations: Pursuant to Section 2-10.4 (6) of the Code of Miami-Dade County, it is hereby requested that the County Mayor or County Mayor's designee approve the selection of the following firms for the purpose of negotiating two (2) non-exclusive Professional Services Agreements for this solicitation, in accordance with the Competitive Selection Committee's recommendation:

RANKING OF RESPONDENTS

Terracon Consultants, Inc.
Final Ranking – 1
Total Adjusted Ordinal Score – 6
Total Adjusted Qualitative Points – 274

Professional Service Industries, Inc.
Final Ranking – 2
Total Adjusted Ordinal Score – 7
Total Adjusted Qualitative Points – 277

The following firms will serve as alternates:

Radise International LC.
Final Ranking – 3
Total Adjusted Ordinal Score – 10
Total Adjusted Qualitative Points – 270

Wood Environmental & Infrastructure Solutions, Inc.
Final Ranking – 4
Total Adjusted Ordinal Score – 13
Total Adjusted Qualitative Points – 261

Universal Engineering Services LLC
Final Ranking – 5
Total Adjusted Ordinal Score – 14
Total Adjusted Qualitative Points – 263

Tierra South Florida, Inc.
Final Ranking – 6
Total Adjusted Ordinal Score – 16
Total Adjusted Qualitative Points – 247

Wingerter Laboratories, Inc.
Final Ranking – 7
Total Adjusted Ordinal Score – 20
Total Adjusted Qualitative Points – 233

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

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

If approved, the Negotiation Committee will proceed with contract negotiations in accordance with Section 2-10.4(6) of the Code of Miami-Dade County, and submit the signed contracts to be presented to the Board of County Commissioners for final approval, no later than 60 days from the

date of this memorandum.

If satisfactory agreements cannot be reached within the 60 day period, a report is required to be prepared explaining all issues resulting from the negotiations. If negotiations are proceeding within a reasonable timeframe, then negotiations will continue and the report will be submitted upon completion. The final contracts and report should be sent to the Internal Services Department, Architectural and Engineering Unit.

Approved:

11/5/21
Date

Roy Coley
Director

Attachments:
1. Preferred Experience and Qualifications
2. List of Respondents
3. SBD Compliance Review
4. First Tier Tabulation Sheet

c: Competitive Selection Committee
Clerk of the Board of County Commissioners

EXHIBIT "H"

Capital Improvements Information System

Contractor Evaluations Report (All Contracts)

Dept	Contract	Type	Contractor / Architect Name	Date	Rater	Period	Rate
AV	EDP-AV-710814-2104-6	EDP	PROFESSIONAL SERVICE INDUSTRIES, INC.	8/1/2014	Ralph Cutie	Completion of study or design	3.0
ID	EDP-GS-GOB-Z00026-227-T	EDP	Professional Service Industries, Inc. PSI	11/29/2006	Alice Arguelles	Completion of study or design	3.8
ID	EDP-GS-GOB-Z00026-227-T	EDP	Professional Service Industries, Inc. PSI	10/25/2006	Alice Arguelles	Interim	3.8
PE	EDP-PE-DE-003-PROS	EDP	PROFESSIONAL SERVICE INDUSTRIES, INC.	2/1/2018	Josue Carias	Project conclusion or closeout	3.5
PE	EDP-PE-DE-005-DTPW	EDP	PROFESSIONAL SERVICE INDUSTRIES, INC.	2/1/2018	Josue Carias	Project conclusion or closeout	2.9
PR	EDP-PR-T-999999-06-011	EDP	PROFESSIONAL SERVICE INDUSTRIES, INC.	9/12/2014	Li Gurau	Project conclusion or closeout	4.0
PW	20060089-PSI WO: 1	PSA	Professional Service Industries, Inc. PSI	3/23/2010	Carlos Lavista	Project conclusion or closeout	3.0
PW	20060089-PSI WO: 1	PSA	Professional Service Industries, Inc. PSI	3/23/2010	Carlos Lavista	Project conclusion or closeout	3.0
WS	EDP-WS-T-145	EDP	PROFESSIONAL SERVICE INDUSTRIES, INC.	6/27/2016	Lin Li	Completion of study or design	3.8
WS	E15-WASD-13 A WO: 129	PSA	Professional Service Industries, Inc. PSI	10/28/2020	Amanda Kinnick	Completion of study or design	4.0
WS	E15-WASD-13 A WO: 049	PSA	Professional Service Industries, Inc. PSI	2/19/2019	Carlos M. Baro III	Project conclusion or closeout	4.0
WS	E15-WASD-13 A	PSA	Professional Service Industries, Inc. PSI	7/1/2019	Dalia Abrahante	Project conclusion or closeout	4.0
WS	E15-WASD-13 A WO: 058	PSA	Professional Service Industries, Inc. PSI	5/1/2020	Eddy Raymond	Project conclusion or closeout	3.8
WS	E15-WASD-13 A WO: 094	PSA	Professional Service Industries, Inc. PSI	12/23/2019	Enrique Febles	Completion of study or design	4.0
WS	EDP-WS-65	EDP	PROFESSIONAL SERVICE INDUSTRIES, INC.	5/7/2015	Franklyn E. Jarman	Project conclusion or closeout	4.0
WS	E15-WASD-13 A WO: 81	PSA	Professional Service Industries, Inc. PSI	2/25/2020	Andrew Burgess	Interim	4.0
WS	E15-WASD-13 A WO: 77	PSA	Professional Service Industries, Inc. PSI	7/6/2020	Andrew Burgess	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 031	PSA	Professional Service Industries, Inc. PSI	12/4/2018	Huren An (Jeff)	Completion of study or design	3.4
WS	E15-WASD-13 A WO: 028	PSA	Professional Service Industries, Inc. PSI	10/4/2019	Huren An (Jeff)	Completion of study or design	3.9
WS	E15-WASD-13 A WO: 79	PSA	Professional Service Industries, Inc. PSI	2/12/2019	Huren An (Jeff)	Completion of study or design	3.5
WS	E15-WASD-13 A WO: 066	PSA	Professional Service Industries, Inc. PSI	11/27/2019	Huren An (Jeff)	Completion of study or design	4.0
WS	E15-WASD-13 A WO: 030	PSA	Professional Service Industries, Inc. PSI	4/23/2020	Huren An (Jeff)	Completion of study or design	3.5
WS	E15-WASD-13 A WO: 029	PSA	Professional Service Industries, Inc. PSI	4/23/2020	Huren An (Jeff)	Completion of study or design	3.5
WS	E15-WASD-13 A WO: 021	PSA	Professional Service Industries, Inc. PSI	8/14/2020	Huren An (Jeff)	Completion of study or design	3.8
WS	E15-WASD-13 A WO: 87	PSA	Professional Service Industries, Inc. PSI	9/1/2020	Huren An (Jeff)	Completion of study or design	3.8
WS	E15-WASD-13 A WO: 84	PSA	Professional Service Industries, Inc. PSI	10/13/2020	Huren An (Jeff)	Completion of study or design	3.8
WS	E15-WASD-13 A WO: 062	PSA	Professional Service Industries, Inc. PSI	4/16/2021	Huren An (Jeff)	Completion of study or design	3.6
WS	E15-WASD-13 A WO: 025	PSA	Professional Service Industries, Inc. PSI	12/19/2019	Huren An (Jeff)	Completion of study or design	4.0
WS	E15-WASD-13 A WO: 129	PSA	Professional Service Industries, Inc. PSI	10/5/2021	Juan Curiel, P.E.	Project conclusion or closeout	3.8
WS	E15-WASD-13 A	PSA	Professional Service Industries,	9/9/2020	Juan Curiel, P.E.	Project conclusion or closeout	3.7

	WO: 036		Inc. PSI				
WS	E15-WASD-13 A WO: 117	PSA	Professional Service Industries, Inc. PSI	7/14/2020	Juan Curiel, P.E.	Project conclusion or closeout	3.8
WS	E15-WASD-13 A WO: 050 Rev 01	PSA	Professional Service Industries, Inc. PSI	7/28/2020	Juan Curiel, P.E.	Project conclusion or closeout	3.7
WS	E15-WASD-13 A WO: 064	PSA	Professional Service Industries, Inc. PSI	12/2/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 065	PSA	Professional Service Industries, Inc. PSI	12/4/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 105	PSA	Professional Service Industries, Inc. PSI	4/9/2020	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 71	PSA	Professional Service Industries, Inc. PSI	4/9/2020	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 86	PSA	Professional Service Industries, Inc. PSI	4/22/2020	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 118	PSA	Professional Service Industries, Inc. PSI	6/4/2020	Juan Curiel, P.E.	Project conclusion or closeout	3.8
WS	E15-WASD-13 A WO: 121	PSA	Professional Service Industries, Inc. PSI	6/10/2020	Juan Curiel, P.E.	Project conclusion or closeout	3.5
WS	E15-WASD-13 A WO: 70	PSA	Professional Service Industries, Inc. PSI	6/16/2020	Juan Curiel, P.E.	Project conclusion or closeout	3.7
WS	E15-WASD-13 A WO: 102	PSA	Professional Service Industries, Inc. PSI	6/26/2020	Juan Curiel, P.E.	Project conclusion or closeout	3.8
WS	E15-WASD-13 A WO: 055	PSA	Professional Service Industries, Inc. PSI	5/16/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.8
WS	E15-WASD-13 A WO: 093	PSA	Professional Service Industries, Inc. PSI	7/31/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 A	PSA	Professional Service Industries, Inc. PSI	9/23/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 91	PSA	Professional Service Industries, Inc. PSI	9/23/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 91	PSA	Professional Service Industries, Inc. PSI	9/23/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 092	PSA	Professional Service Industries, Inc. PSI	11/1/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 090	PSA	Professional Service Industries, Inc. PSI	11/8/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 89	PSA	Professional Service Industries, Inc. PSI	11/19/2019	Juan Curiel, P.E.	Project conclusion or closeout	3.8
WS	E15-WASD-13 A WO: 100	PSA	Professional Service Industries, Inc. PSI	1/7/2020	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 095	PSA	Professional Service Industries, Inc. PSI	1/9/2020	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 123	PSA	Professional Service Industries, Inc. PSI	1/14/2020	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 96	PSA	Professional Service Industries, Inc. PSI	1/14/2020	Juan Curiel, P.E.	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 038	PSA	Professional Service Industries, Inc. PSI	3/22/2019	James Ferguson	Project conclusion or closeout	3.0
WS	E15-WASD-13 A WO: 019	PSA	Professional Service Industries, Inc. PSI	12/4/2018	Reynaldo J. Abreu	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 074	PSA	Professional Service Industries, Inc. PSI	2/6/2019	Reynaldo J. Abreu	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 75	PSA	Professional Service Industries, Inc. PSI	2/6/2019	Reynaldo J. Abreu	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 76	PSA	Professional Service Industries, Inc. PSI	2/6/2019	Reynaldo J. Abreu	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 049	PSA	Professional Service Industries, Inc. PSI	2/6/2019	Reynaldo J. Abreu	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 73	PSA	Professional Service Industries, Inc. PSI	2/6/2019	Reynaldo J. Abreu	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 036	PSA	Professional Service Industries, Inc. PSI	5/24/2018	Reynaldo J. Abreu	Project conclusion or closeout	4.0
WS	E15-WASD-13 A WO: 026	PSA	Professional Service Industries, Inc. PSI	5/24/2018	Reynaldo J. Abreu	Project conclusion or closeout	4.0
WS	E15-WASD-13 A	PSA	Professional Service Industries,				

	WO: 026		Inc. PSI				
WS	E15-WASD-13 A WO: 045	PSA	Professional Service Industries, Inc. PSI	6/7/2018	Reynaldo J. Abreu	Project conclusion or closeout	4.0
WS	E15-WASD-13 A WO: 009	PSA	Professional Service Industries, Inc. PSI	6/7/2018	Reynaldo J. Abreu	Project conclusion or closeout	4.0
WS	E15-WASD-13 A WO: 048	PSA	Professional Service Industries, Inc. PSI	7/27/2018	Reynaldo J. Abreu	Project conclusion or closeout	4.0
WS	E15-WASD-13 A WO: 057	PSA	Professional Service Industries, Inc. PSI	7/27/2018	Reynaldo J. Abreu	Project conclusion or closeout	4.0
WS	E15-WASD-13 A WO: 047	PSA	Professional Service Industries, Inc. PSI	7/27/2018	Reynaldo J. Abreu	Project conclusion or closeout	4.0
WS	E15-WASD-13 A WO: 006	PSA	Professional Service Industries, Inc. PSI	7/27/2018	Reynaldo J. Abreu	Project conclusion or closeout	4.0
WS	E15-WASD-13 A WO: 008	PSA	Professional Service Industries, Inc. PSI	7/27/2018	Reynaldo J. Abreu	Project conclusion or closeout	4.0
WS	E15-WASD-13 A WO: 001 Rev 01	PSA	Professional Service Industries, Inc. PSI	7/27/2018	Reynaldo J. Abreu	Project conclusion or closeout	4.0
WS	E15-WASD-13 A WO: 032	PSA	Professional Service Industries, Inc. PSI	7/27/2018	Reynaldo J. Abreu	Project conclusion or closeout	4.0
WS	E15-WASD-13 A WO: 063	PSA	Professional Service Industries, Inc. PSI	7/27/2018	Reynaldo J. Abreu	Project conclusion or closeout	4.0
WS	E15-WASD-13 A WO: 027	PSA	Professional Service Industries, Inc. PSI	7/27/2018	Reynaldo J. Abreu	Project conclusion or closeout	4.0
WS	E15-WASD-13 A WO: 024	PSA	Professional Service Industries, Inc. PSI	7/27/2018	Reynaldo J. Abreu	Project conclusion or closeout	4.0
WS	E15-WASD-13 A WO: 054	PSA	Professional Service Industries, Inc. PSI	9/11/2018	Reynaldo J. Abreu	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 005	PSA	Professional Service Industries, Inc. PSI	9/11/2018	Reynaldo J. Abreu	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 009	PSA	Professional Service Industries, Inc. PSI	9/11/2018	Reynaldo J. Abreu	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 045	PSA	Professional Service Industries, Inc. PSI	9/11/2018	Reynaldo J. Abreu	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 039	PSA	Professional Service Industries, Inc. PSI	10/17/2018	Reynaldo J. Abreu	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 68	PSA	Professional Service Industries, Inc. PSI	10/29/2018	Reynaldo J. Abreu	Project conclusion or closeout	3.9
WS	E15-WASD-13 A WO: 042	PSA	Professional Service Industries, Inc. PSI	5/15/2019	Reynaldo J. Abreu	Project conclusion or closeout	3.9
WS	EDP-WS-T-146	EDP	PROFESSIONAL SERVICE INDUSTRIES, INC.	6/2/2015	Richard Bechtold	Project conclusion or closeout	4.0
WS	E15-WASD-13 A	PSA	Professional Service Industries, Inc. PSI	8/19/2019	Rolando M Roque	Completion of construction	3.8
WS	E15-WASD-13 A WO: 97	PSA	Professional Service Industries, Inc. PSI	5/27/2020	Rolando M Roque	Project conclusion or closeout	3.8
WS	E15-WASD-13 A WO: 115	PSA	Professional Service Industries, Inc. PSI	5/27/2020	Rolando M Roque	Project conclusion or closeout	3.8
WS	E15-WASD-13 A WO: 002 Rev 01	PSA	Professional Service Industries, Inc. PSI	5/27/2020	Rolando M Roque	Project conclusion or closeout	3.8
WS	E15-WASD-13 A WO: 013	PSA	Professional Service Industries, Inc. PSI	5/27/2020	Rolando M Roque	Project conclusion or closeout	3.8
WS	E15-WASD-13 A WO: 056	PSA	Professional Service Industries, Inc. PSI	5/27/2020	Rolando M Roque	Project conclusion or closeout	3.8
WS	E15-WASD-13 A WO: 040	PSA	Professional Service Industries, Inc. PSI	5/27/2020	Rolando M Roque	Project conclusion or closeout	3.8

Evaluation Count: 90 Contractors: 1 Average Evaluation: 3.8

EXHIBIT "I"

Generated by Patrick Hines Jr, Miami-Dade County on 12/17/2021

Help & Tools

Vendor Profile: Contracts

General | Public Profile | Users | Commodity Codes | Contacts & Owners | Comments | Certifications | Contracts | Concessions | Site Visits | Workforce Comp/EEO | EDP Registrations | Reports

PROFESSIONAL SERVICE INDUSTRIES, INC., DBA Intertek-PSI

System Vendor Number: 20018317

Listed below are the contracts to which this vendor is assigned.

Contracts as Prime Contractor

Actions	Contract Number & Title	Prime Contact	Status	Dates	Award Amount	Paid Amount
View	EDP-LB-CCGROOF: Assessment Coral Gables Library Roof	Juan Villegas (change)		8/29/2019 to 8/29/2024	$3,375	$0
View	EDP-WS-T-264: GEO, MATERIALS, ASPHALT AND CONCRETE TESTING	Juan Villegas (change)		8/4/2016 to 12/31/2019	$200,000	$0
View	EDP-WS-369: Geotechnical Services for Capital Projects	Juan Villegas (change)		2/10/2021 to 2/10/2026	$500,000	$0
View	EDP-WS-358: Geotechnical/Material Testing Services	Juan Villegas (change)		4/17/2020 to 4/17/2025	$200,000	$0
View	EDP-AV-202169: Hazardous Material (Asbestos, Mold, Indoor Air Quality Assessment, and Abatement)	Juan Villegas (change)		4/13/2021 to 4/13/2026	$500,000	$367,407
View	EDP-HD-T-65648: Indoor Air Quality for AMP Group 10	Juan Villegas (change)		10/28/2021 to 10/28/2026	$10,000	$0
View	EDP-FR-SMK-T: MDFR Fire Station 13 Sewer Evaluation Test	Juan Villegas (change)		5/17/2021 to 5/17/2026	$4,997	$0
View	EDP-FR-MAIR: MDFRD AIR QUALITY TESTING MULTIPLE	Juan Villegas (change)		11/4/2019 to 11/4/2024	$100,000	$0
View	E15-PWWM-09_0009: MISCELLANEOUS PROFESSIONAL SERVICES AGREEMENTS TO PROVIDE MATERIALS TESTING/CONSULTING/TRAINING SERVICES	Juan Villegas (change)		11/1/2016 to 10/31/2019	$0	$68,675
View	E15-PWWM-08_0014: MISCELLANEOUS PROFESSIONAL SERVICES AGREEMENTS TO PROVIDE SOILS, FOUNDATIONS AND GEOTECHNICAL TESTING SERVICES	Juan Villegas (change)		12/6/2016 to 12/5/2019	$0	$295,668
View	EDP-WS-372: Miscellaneous Roofs - Testing and Consulting Services	Juan Villegas (change)		4/20/2021 to 4/20/2026	$50,100	$0
View	EDP-PR-9999990N: Multiple Parks Soils Foundation and Material Testing	Juan Villegas (change)		4/24/2020 to 4/24/2025	$200,000	$46,748
View	EDP-ID-W18RF01: Multiple Roofing Services	Juan Villegas (change)		8/16/2018 to 8/16/2023	$200,000	$1,975
View	EDP-AV-T-2017-2019-3: NF-BIO HAZARD AND ASBESTOS TESTING	Juan Villegas (change)		12/6/2016 to 12/31/2019	$200,000	$191,681
View	EDP-PE-DE-005-DTPW: NF-FUTURE P & R LOCATED	Juan Villegas (change)		6/14/2016	$17,164	$14,267

	AT S1 AT US 1 & SW 112 AV			to 12/31/2019		
View	E15-WASD-13_0002: NF-GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIALS TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, DISTRIBU	CAMILO MONROY (change)		10/3/2016 to 12/31/2019	$2,200,000	$1,731,412
View	EDP-PW-DTPW-T-20160208: NF-NW 133 ST DRAINAGE IMPROVEMENTS	Juan Villegas (change)		7/18/2016 to 12/31/2019	$3,700	$0
View	EDP-PW-20150065: NF-NW 72 ST DRAINAGE IMPROVEMENTS	Juan Villegas (change)		5/6/2016 to 12/31/2019	$10,000	$8,276
View	EDP-PW-20150035: NF-NW RIVER DR AND NW 32 ENVIRONMENTAL TESTING	Juan Villegas (change)		7/21/2015 to 12/31/2019	$34,630	$0
View	EDP-PE-DE-003-PROS: NF-WEST KENDALL DISTRICT PARK SOIL SAMPLING	Juan Villegas (change)		12/8/2015 to 12/31/2019	$21,853	$12,312
View	EDP-MT-20150080: NW 25th Street from NW 117th Ave to NW 87th Ave	Juan Villegas (change)		1/19/2021 to 1/19/2026	$260,143	$0
View	EDP-LB-CCGROOFR: Roof Replacement Design and Engineering Services	Juan Villegas (change)		1/9/2020 to 1/9/2025	$59,666	$0
View	EDP-WS-380: Soils, Foundations and Material Testing ...	Juan Villegas (change)		7/7/2021 to 7/7/2026	$500,000	$0
				Number of contracts as prime: 23	$5,275,628	$2,738,421

Contracts as Subcontractor

Actions	Contract Number & Title	Sub Contact	Status	Prime	Current Subcontract	Paid Amount
View	DB14-PWWM-01 (DESIGN): DESIGN-BUILD SERVICES FOR THE VENETIAN CAUSEWAY BRIDGE REHABILITATION (BRIDGE NO. 874459)	Juan Villegas (change)	Closed	GLF CONSTRUCTION CORPORATION	$0 0.00%	$0
View	A16-JHS-01: NF-ENVIRONMENTAL SITE ASSESSMENT FOR VARIOUS JACKSON HEALTH SYSTEM FACILITIES	Kari Bates (change)		EBS Engineering, Inc.	$0 0.00%	$0
View	EDP-PR-123203-13-003: NF-IVES ESTATES PARK IMPROVEMENTS	Juan Villegas (change)		INSIGHT DESIGN, INC.	$0 0.00%	$0
View	E16-DTPW-02_0001: NF-PROFESSIONAL SERVICES AGREEMENT FOR ENGINEERING SERVICES FOR DEPARTMENT OF TRANSPORATION AND PUBLIC WORK'S CAPITAL IMPROVEMENT PLAN (2)	Juan Villegas (change)		Parsons Transportation Group, Inc.	$0 0.00%	$0
View	E08-MDAD-05B: NF-UTILITIES MASTER PLAN (SIC 871)	Joe Armer (change)		Tetra Tech Inc	$0 0.00%	$9,250
View	EDP-WS-S-196: PIPELINE IMPROVEMENTS	Juan Villegas (change)		CPH, Inc.	$0 0.00%	$0
				Number of contracts as subcontractor: 6	$0	$9,250

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MEMORANDUM
(Revised)

TO: Honorable Chairman Jose "Pepe" Diaz
and Members, Board of County Commissioners

DATE: May 3, 2022

FROM: Geri Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 3(B)(7)

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**
_____	**Statement of social equity 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 present ____, 2/3 membership ____, 3/5's ____, unanimous ____, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) ____, CDMP 2/3 vote requirement per 2-116.1(3)(h) or (4)(c) ____, or CDMP 9 vote requirement per 2-116.1(4)(c)(2) ____) 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. 3(B)(7)
5-3-22

RESOLUTION NO. R-392-22

RESOLUTION RATIFYING ACTION BY THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE RELATED TO MIAMI-DADE WATER AND SEWER DEPARTMENT'S CONSENT DECREE AND CAPITAL IMPROVEMENT PROGRAMS ACCELERATION ORDINANCE PURSUANT TO SECTION 2-8.2.12 OF THE CODE OF MIAMI-DADE COUNTY, FLORIDA SPECIFICALLY THE AWARD OF TWO (2) NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENTS FOR GEOTECHNICAL SERVICES, SPECIAL INSPECTIONS, STRUCTURAL ASSESSMENTS, SOILS, FOUNDATIONS AND MATERIAL TESTING SERVICES RELATED TO THE IMPROVEMENT, UPGRADES AND EXPANSIONS OF WATER AND WASTEWATER TREATMENT PLANTS, PUMP STATIONS, COLLECTION, DISTRIBUTION AND TRANSMISSION PIPING, AND ALL RELATED FACILITIES AS NECESSARY TO ENSURE QUALITY CONTROL/ASSURANCE FOR WASD'S CAPITAL IMPROVEMENT PROJECTS, PROJECT NO. E20-WASD-02B, TO TERRACON CONSULTANTS, INC. AND PROFESSIONAL SERVICE, INC., EACH IN AN AMOUNT NOT TO EXCEED $4,400,000.00 WITH AN AGGREGATE TOTAL AMOUNT NOT TO EXCEED $8,800,000.00; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE 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 (1) ratify the actions of the County Mayor or County Mayor's designee, as authorized by Section 2-8.2.12 of the Code of Miami-Dade County, specifically the award of two Non-Exclusive Professional Services Agreements for Geotechnical Services, Special Inspections, Structural Assessments, Soils, Foundations and Material Testing Services Related to the Improvement, Upgrades and

Expansions of Water and Wastewater Treatment Plants, Pump Stations, Collection, Distribution and Transmission Piping, and All Related Facilities as Necessary to Ensure Quality Control/Assurance for WASD's Capital Improvement Projects, Project No. E20-WASD-02B, to Terracon Consultants, Inc. and Professional Service Industries, Inc. each in an amount not to exceed $4,400,000.00 with an aggregate total amount not to exceed $8,800,000.00, all as set forth in the accompanying memorandum; and (2) authorizes the County Mayor or County Mayor's designee to exercise the provisions contained in such agreement as set forth in the accompanying memorandum. The solicitation documents and resulting agreement are kept on file and are available upon request from the Intergovernmental Affairs Division of the Miami-Dade Water and Sewer Department.

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

Jose "Pepe" Diaz, Chairman **aye**
Oliver G. Gilbert, III, Vice-Chairman **aye**

Sen. René García	**aye**	Keon Hardemon	**aye**
Sally A. Heyman	**aye**	Danielle Cohen Higgins	**aye**
Eileen Higgins	**aye**	Joe A. Martinez	**aye**
Kionne L. McGhee	**aye**	Jean Monestime	**aye**
Raquel A. Regalado	**aye**	Rebeca Sosa	**aye**
Sen. Javier D. Souto	**aye**		

The Chairperson thereupon declared this resolution duly passed and adopted this 3rd day of May, 2022. 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

Basia Pruna
By:_____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

Angela F. Benjamin