

Memorandum



Date: October 6, 2022

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

From: Daniella Levine Cava
Mayor

A handwritten signature in blue ink that reads "Daniella Levine Cava".

Agenda Item No. 8(O)(1)

Resolution No. R-944-22

Subject: Resolution Ratifying a Non-Exclusive Professional Service Agreement to Hazen and Sawyer, P.C. for Project No. E20-WASD-08, Agreement No. 21HASPC003 Related to Miami-Dade Water and Sewer Department’s Consent Decree and Capital Improvement Programs Acceleration Ordinance

Executive Summary

As South Florida continues to see rapid growth and is currently among the fastest-growing regions in the country, the Water and Sewer Department (WASD) seeks to implement an Integrated Utility Master Plan that will address immediate and long-term needs to achieve continuous and reliable operation of the water and sewer system. The Master Plan will make it feasible for WASD to optimize investments and provide a long-term roadmap for system improvements, along with near term investments to address current gaps and system betterment needs.

The attached resolution seeks ratification of a Non-Exclusive Professional Service Agreement with Hazen and Sawyer, P.C. (Agreement No. 21HASPC003) in an amount not to exceed \$13,200,000.00, to provide Integrated Master Plan and Engineering Technical Support Services, Project No. E20-WASD-08.

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 a qualified firm for a Professional Service Agreement (PSA) to provide Integrated Master Plan and Engineering Technical Support Services. An Integrated Master Plan is essential for financial planning, allowing for the optimization of the Department’s budget and aligning its current and future infrastructure investments.

Item 1 – Recommendation Approving Award of a Non-Exclusive Professional Services Agreement to provide Integrated Master Plan and Engineering Technical Support Services, Project No. E20-WASD-08 Agreement No. 21HASPC003. This item requests ratification of a contract in an amount not to exceed \$13,200,000.00, which includes a ten percent (10%) contingency

allowance and a contract term of five years to Hazen & Sawyers, P.C. The PSA was fully executed and attested by the Clerk Office on July 7, 2022.

Delegation of Authority

This contract was 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 provided under this PSA include but are not limited to providing master planning and ongoing multidisciplinary, technical, engineering, surveying, and planning support for WASD’s operations and capital improvement program. This project is awarded through WASD’s Acceleration Ordinance and has a countywide impact.

Fiscal Impact/Funding Source

The funding sources for this project are as follows: WASD Revenue Bonds Sold, Wastewater Connection Charges, Future WASD Revenue Bonds, State Revolving Loan Water, Water Connection Charges, Water Renewal, and Replacement and are also detailed on Exhibit A and other accompanying attachments. The fiscal impact to the County will be \$13,200,000.00 for this project.

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 is the recommendation to award the contract referenced for Item No. 1 in this memorandum. The contract listed is 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 WASD.

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 Name	Firm Awarded	Commis-sion District	Contract Amount	Funding Source(s)	Operations and Maintenance Costs	Est. Start Date		Contract Measures				Brief Project Description
				Project No.								Est. End Date	SBE Goods & Services	SBE A/E	SBE Construction	CWP Pro-gram		
1	WASD	County Bid Process	Notice to Profes-sional Consu-ltants	Project No. E20-WASD-08 Agreement No. 21HASP C003		Integrated Master Plan and Engineering Technical Support Services	Hazen and Sawyer, P.C.	Various Commis-sion District	\$13,200,000.00	WASD Revenue Bonds Sold, Wastewater Connection Charges, Future WASD Revenue Bonds, State Revolving Loan Water, Water Connection Charges, Water Renewal, and Replacement	N/A	Estimated Notice to Proceed Date: 08/01/2022 Completion Date: 08/01/27, total contract term is five years	N/A	15.00%	N/A	N/A	This PSA will provide services to develop a utility-wide Integrated Master Plan and assist in its implementation as well as ongoing planning services for WASD's operations and capital improvement program.	

Exhibit B

Memorandum



Date:

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

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

Subject: Recommendation Approving a Non-Exclusive Professional Services Agreement to Hazen and Sawyer, P.C. to provide Integrated Master Plan and Engineering Technical Support Services; Project No. E20-WASD-08; Agreement No. 21HASPC003

EXECUTIVE SUMMARY:

As South Florida continues to see rapid growth and is currently among the fastest-growing regions in the country, the Water and Sewer Department seeks to implement an Integrated Utility Master Plan that will address immediate and long-term needs to the achieve continuous and reliable operation of the water and sewer system. The most recent Master Plan was completed more than ten (10) years ago; therefore, it is essential that WASD aligns its current and future infrastructure investments with the most critical drivers, including infrastructure renewal, infrastructure expansion via the Connect 2 Protect Program, capacity building for anticipated redevelopment, and hardening of the system to address changing weather patterns and vulnerability to sea-level rise.

An integrated, risk-based Master Plan is also essential for financial planning, allowing for the optimization of the Department's budget and maximization of value to ratepayers. The Master Plan will make it feasible for WASD to optimize investments and provide a long-term roadmap for system improvements, along with near term investments to address current gaps and system betterment needs.

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 to Hazen and Sawyer, P.C. (Hazen) to provide Integrated Master Plan and Engineering Technical Support Services; Project No. E20-WASD-08; Agreement No. 21HASPC003 (the Contract). The total compensation amount shall not exceed \$13,200,000, which includes a ten percent (10%) contingency allowance and a contract term of five (5) years. 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 will have 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 will have the authority to amend and/or extend the Contract 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:

Integrated Master Plan and Engineering Technical Support Services

PROJECT DESCRIPTION:

Hazen shall provide services to develop a utility-wide Integrated Master Plan and assist in its implementation, as well as ongoing planning services.

Key objectives of the integrated master planning effort include:

- Evaluating water and sewer system operational performance and asset condition with the objective of identifying operational and capital improvement requirements.
- Estimating future water and sewer demands and corresponding infrastructure requirements.
- Utilizing enterprise data (SCADA, EAMS, GIS, AMI, etc.) as inputs in a comprehensive operational and capital planning process.
- Developing a detailed 5-year capital improvement plan based the above analyses, with recommendations for longer-term improvements in further planning horizons (2030, 2040, etc.).
- Consolidating and coordinating future capital improvement projects with those of any remaining or ongoing capital programs.
- Coordinating WASD's capital plan with the right-of-way owners and other utilities within WASD's service area.
- Enhancing and expanding WASD's non-revenue water reduction program to maximize existing water allocation and facilities.
- Integrating available water supplies (C-51, etc.) within water use permits into medium and long-range capital and operational plans.
- Evaluating and identifying opportunities for programmatic inflow and infiltration reduction along with recommendations for prioritization of basins and corresponding improvements/repairs.
- Addressing utility staff professional development and training needs related to planning, hydraulic and process modeling, project management, technology adoption, facilities operation, and other functional areas to ensure continuity in performance and maintenance of industry best practices.
- Addressing planning needs resulting from new regulations, governmental/legislative agency requests, or other unforeseen external drivers.
- Assisting staff with the development and implementation process of a utility-wide energy strategy that will optimize WASD's energy usage while advancing resource recovery and other efforts intended to reduce the department's electrical consumption significantly.

Objectives of ongoing planning, data analytics, and engineering support include:

- Elevating WASD's hydraulic modeling processes and operations through enhanced data governance, integration, and reliability.
- Providing for water and wastewater hydraulic model maintenance and management.
- Implementing robust data analytics and business intelligence tools and processes to guide operational and capital decisions, including predictive maintenance, renewal and replacement of equipment and infrastructure, energy optimization, and pressure/flow regulation, among others.
- Supporting land acquisition, conceptual design, and programming of capital projects within the 5-year work plan.

The Scope of Services includes but is not limited to providing master planning and ongoing multidisciplinary, technical, engineering, surveying, and planning support for WASD's operations and capital improvement program. WASD seeks the assistance of firms to implement the scope of work outlined below, which will result in a utility-wide Integrated Master Plan. The ongoing services will assist in moving capital projects through the planning and land acquisition phases.

Hazen shall perform project management throughout the duration of the Contract. Hazen shall be responsible for the proper administration of Projects and shall ensure proper coordination among all subconsultants to achieve the objectives of the Integrated Master Plan or ongoing services. Hazen shall coordinate with WASD's Project Manager to undertake all necessary actions to advance the overall work and each individual task and subtask. Hazen shall be responsible for preparing a project management plan; holding progress meetings and progress calls, as necessary; preparing monthly progress reports; preparing presentations for internal or external meetings; and coordinating associated communication.

Hazen will manage and address WASD's comments and requests on tasks and deliverables; and prepare any written reports and other deliverables as associated with the tasks described below.

1. Information gathering to understand and assess WASD's current business practices. As part of this effort, the consultant shall identify critical inputs from WASD's various divisions that will guide the development of the Integrated Master Plan, and business process improvements.
2. Assist with development of water and wastewater flow projections for incorporation into WASD's ground water, hydraulic, and process models. Flow projections shall be utilized to develop comprehensive water and wastewater infrastructure/facility plans based on capacity needs through the year 2050. WASD's planning consultant will coordinate with WASD's ongoing programs to ensure that projections and facility recommendations are consolidated and consider all necessary inputs.
3. Review of WASD's hydraulic models (water and wastewater), including processes and procedures. The selected consultant may also be responsible for updating and maintaining WASD's hydraulic models (Innovyze InfoWater, InfoSurge, UDF, and Infloworks ICM) and recommending alternate models. Representative inputs to the hydraulic model include:
 - Water consumption data from WASD's Oracle Customer Care and Billing System
 - Data from WASD's SCADA system, including flow, pressure, level, equipment on/off, etc.
 - New infrastructure hydraulic attributes, including pump curves, etc.

Hazen may periodically calibrate, validate, and integrate WASD's data streams for use in the hydraulic model to obtain highly accurate results. The outputs of hydraulic modeling exercises will integrate with an overarching planning framework to identify current and future limitations in the water transmission/distribution and wastewater collection/transmission systems for the purposes of identifying future upgrades. The model will be utilized to simulate proposed piping, pump station, or treatment facility upgrades and select the most beneficial alternatives for incorporation into WASD's capital improvement program.

1. Perform hydraulic modeling evaluations for capital and development projects to ensure that adequate capacity exists and the determination of design conditions for new facilities.
2. Assist with the employment of WASD's groundwater model to evaluate groundwater transport, groundwater supplies, optimizing wellfield operations, injection well disposal, and any other tasks required. Hazen shall interface with WASD's hydrogeological section to advance WASD's objectives relating to groundwater supply and injection well disposal.
3. Evaluate WASD's treatment facilities from an operational and regulatory perspective. The planning consultant will coordinate with WASD's Renewal and Replacement (R&R) unit and plant staff to identify improvements required to treatment facilities to maintain operational reliability, level of service, regulatory compliance, and meet future needs. The consultant shall assist with treatment process identification and evaluation as it relates to master planning and process optimization. Water quality goals for each facility will be established.
4. Assist with developing and maintaining a data framework that leverages information within WASD's SCADA (Emmerson), asset management (InforEAMS), laboratory information management, computerized maintenance management, and geographic information systems, among others.
5. Assist with developing or incorporating as-builts into the GIS system and recommending process improvements to the existing mapping systems and viewers.
6. Assist WASD with existing and future water conservation opportunity evaluations, conducting and analyzing water savings estimates, developing and recommending non-revenue water reduction strategies, and

- completing cost-benefit analyses. These tasks may require data gathering and analyses, coordination with existing and potential partners, including other County Departments, volume water customers, and the private sector. It may also require Geographic Information Systems (GIS) analysis and additional technical and analytical efforts to be determined by WASD.
7. Assist WASD in developing and implementing a comprehensive energy strategy that will reduce WASD's energy consumption and increase energy resilience at critical facilities. The effort will leverage WASD's current partnership with the U.S. Department of Energy and other external resources and possibly assist the utility in implementing the ISO 50001 framework at its facilities. The energy component of the Integrated Master Plan will seek to maximize WASD's existing resource recovery systems and improve the utility-wide energy performance.
 8. Assist WASD in evaluating infrastructure vulnerabilities and harden facilities when necessary to maintain a desired level of service under disruption to regular business. Activities may include the performance of vulnerability analyses, development of hardening criteria, design guidelines, and standards.
 9. Assist in implementing SCADA system improvements necessary to realize operational efficiencies from automation and real-time controls of WASD facilities.
 10. Provide support and input to the development of WASD's asset management framework. Incorporate outputs of WASD's asset management practice into the planning framework to be developed.
 11. Assist in the implementation and managing of WASD's Water Supply Certification program, including calculating and tracking the required water for development activities to ensure that adequate water is available and that the total system allocation in WASD twenty (20) year permit is not exceeded.
 12. Assist with comprehensive planning reviews for Comprehensive Development Master Plan, Plat Committee, and other Miami-Dade Planning Department reviews.
 13. Coordination of WASD's capital program and needs with that of right-of-way owners and utilities within WASD's service area to maximize the value of projects and minimize disruptions to the public.
 14. Preparation of an "Integrated Master Plan" defining WASD's capital investment needs. It is anticipated that there will be many needs and corresponding projects identified. WASD desires to implement these projects in a manner that maximizes benefit and minimizes public inconvenience related to construction activities. The planning consultant and WASD will jointly develop and apply a planning framework to prioritize projects within the Integrated Master Plan. Hazen will then apply the prioritization methodology to develop an implementation sequence for projects and development of capital work plan.
 15. Development of basis of design reports for facilities identified in the Integrated Master Plan and other WASD projects, including cost estimates, life cycle costs (operation, maintenance, replacement), and land acquisition recommendations and support.
 16. Prepare financial analysis for the components of the Plan, including capital improvements and business process enhancements. The financial analysis will quantify the impacts of the Integrated Master Plan on WASD's budget and customer rates.
 17. Provide support as needed to address WASD's operational needs in the areas of planning, hydraulic modeling, plan review, and GIS services, among others.
 18. Assistance as needed to respond to Board directives or requests from WASD.
 19. Provide staff support for planning and grants from state and federal, and other agencies or administrations as required.
 20. Develop new and updated standards for new equipment and facilities.

PROJECT LOCATION:

Countywide

PRIMARY COMMISSION DISTRICT:

Various Commission Districts

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 "Project Worksheet," attached hereto as Exhibit "A."

REVIEW DATE: 12/18/2020

SIGNOFF DATE: 1/06/2021

TYPE	GOAL	COMMENT
SBE-Architectural/Engineering	15%	Implementing Order 3-32
SBE-Goods and Services	N/A	Implementing Order 3-41

PROJECT TECHNICAL CERTIFICATION REQUIREMENTS:

TECHNICAL CATEGORIES	DESCRIPTION
6.01 Prime	Water and Sanitary Sewer Systems - Water Distribution and Sanitary Sewage Collection and Transmission Systems
6.02 Prime	Water and Sanitary Sewer Systems - Water and Sanitary Sewage Pumping Facilities
6.03 Prime	Water and Sanitary Sewer Systems - Water and Sanitary Sewage Treatment Plants
17.00 Prime	Engineering Construction Management
10.02 Other	Environmental Engineering - Geology Services
10.09 Other	Environmental Engineering - Wellfield, Groundwater, and Surface Water Protection and Management

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 "Certificate of Assurance and Utilization Plan," attached hereto as Exhibit "B."

SUBCONSULTANTS	GOAL	SERVICES
300 Engineering Group PA	12%	Assets and Data Management, Integrated CIP Development, Facilities Optimization
Arcadis US Inc.	N/A	Wastewater and Water Treatment Plants, Conveyance, Assets and Data Management, Integrated CIP Development
Bello & Bello Land Surveying Corp.	N/A	Land Acquisition and Easements
Bermello Ajamil & Partners Inc.	N/A	Public Outreach
HBC Engineering Company	3%	Civil Engineering
Nova Consulting Inc.	N/A	Wastewater and Water Treatment Plants, Conveyance, Integrated CIP Development

FUNDING SOURCE: WASD Revenue Bonds Sold, Wastewater Connection Charges, Future WASD Revenue Bonds, State Revolving Loan Water, Water Connection Charges, Water Renewal, and Replacement

CAPITAL BUDGET PROJECT NUMBER - DESCRIPTION (See Exhibit "C"): Proposed Budget and Multi-Year Capital Plan for Fiscal Year 2021-2022

- 9653411- North District Upgrades Wastewater Treatment Plant-Page 78
- 9655481- South District Wastewater Treatment Plant Expansion - Phase 3-Page 78
- 9654061-Water- Safe Drinking Water Act Modifications Page 84
- 967190- Water - Pipes and Infrastructure Projects-Page 84

PTP Funding: No
 GOB Funding: No
 ARRA Funding: No
 Total Contract Period: Five (5) Years
 Option-To-Renew: No
 IG Fee Included in Base Contract: Yes
 Art in Public Places: No
 Base Contract Amount: \$12,000,000

Contingency Allowance (Section 2-8.1 of the Miami-Dade County)

Type	Percent	Amount	Comment
Engineering	10%	\$1,200,000	Contingency Allowance fees in accordance with Ordinance 00-65 is 10% of the estimated engineering cost.

Total Contract Amount: \$13,200,0000

SEA LEVEL RISE (Ord. No. 14-79): The impact of sea-level rise will be considered as part of the design.

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 included: convicted vendors, debarred vendors, delinquent contractors, suspended vendors, and federal excluded parties. There were no adverse findings relating to Hazen's responsibility. This information is being provided pursuant to Resolution R-187-12.

EXPLANATION: On January 28, 2021, a Notice to Professional Consultants (NTPC) was issued under full and open competition. On March 15, 2021, the Clerk of the Board received four (4) proposals in response to this solicitation. *See* "List of Respondents," attached hereto as Exhibit "D."

On April 6, 2021, SBD completed its review of the SBE contract measures as noted above and confirmed that all firms were in compliance with the submittal requirements. *See* "SBD Compliance Review," attached hereto as Exhibit "E."

FIRST TIER MEETING: At the First Tier "Evaluation of Qualifications" meeting held on June 4, 2021, the Competitive Selection Committee (CSC) reviewed and ranked the four (4) proposals in accordance with the evaluation criteria outlined in the solicitation. The CSC unanimously voted not to hold a Second-Tier meeting (Oral Presentation) and to recommend Hazen to the County Mayor or the County Mayor's designee for approval to negotiate a contract. *See* "First Tier Tabulation Report," attached hereto as Exhibit "F."

Firm Name	Total & Adjusted Qualitative Score	Total Ordinal Scores	Ordinal Ranking	Final Rank
Hazen and Sawyer, P.C. (Local)	463/279	3	1	1
CDM Smith, Inc. (Local)	429/257	8	2	2
Tetra Tech Inc. (Local)	429/259	9	3	3
AECOM Technical Services, Inc.	422/250	11	4	4

The Negotiation Committee was approved by the County Mayor's designee on July 14, 2021. On August 12, 2021, the Negotiation Committee held the first negotiation meeting with Hazen. On August 16, 2021, the Negotiation Committee met and concluded negotiations with Hazen. See "Negotiation Authorization Memorandum," attached hereto as Exhibit "G."

Based on ISD's CIIS database, Hazen has twenty-eight (28) evaluations with an average 3.9 rating out of a possible total 4.0 points. See "Contractor Evaluations Report," attached hereto Exhibit "H."

SUBMITTAL DATE: 03/15/2021
ESTIMATED NOTICE TO PROCEED: 08/01/2022
PRINCIPAL/COMPANY QUALIFIERS: Patricia Carney, P.E. / pcarney@hazenandsawyer.com

Years In Business:	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
Hazen and Sawyer, P.C.	999 Ponce De Leon Blvd., Suite 1150, Coral Gables, Florida 33134	1300	25	2%

PREVIOUS EXPERIENCE WITH THE COUNTY IN THE PAST THREE (3) YEARS FROM THE PROPOSAL SUBMITTAL DATE:

According to the Firm History Report provided by ISD, SBD, Hazen has been awarded two (2) contracts with Miami-Dade County during the past three (3) years from the proposal submittal date, with a total contract value of \$350,000. See "Firm History Report," attached hereto as Exhibit "I."

MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS: Yes.

The CSC deemed that Hazen and their team members met the minimum experience and qualifications as indicated in the solicitation listed below:

- The Prime Consultant should demonstrate completion of at least two (2) similar Master Planning efforts for utilities comparable in size to WASD within the last ten (10) years from the date of this solicitation.
- The Prime Consultant is requested to demonstrate experience with Innovyze Infoworks CS wastewater hydraulic modeling software with a minimum of fifty (50) pump stations, one thousand (1,000) pressure links, three thousand (3,000) gravity links, and Innovyze Infowater version 11.5 software with fifty thousand (50,000) links minimum. Experience is defined for hydraulic models described as original model construction, model calibration and/or operation of model for the analysis of networks associated master plans for at least two (2) water and two (2) wastewater models of the sizes indicated.

The Prime and/or Subconsultant is requested to demonstrate experience with groundwater numerical modeling, including MODFLOW and pre- and post-MODFLOW processors; experience with supervision and geological evaluations of drilling water supply production wells, monitoring wells, and deep injection wells; water quality sampling and analysis.

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: Dianys Arocho / Dianys.arochosalgado@miamidade.gov

CONTRACT AWARD RECOMMENDATION
SIGNATURE PAGE
PROJECT NO. E20-WASD-08



David Clodfelter, OMB Director

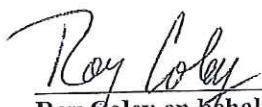
6/29/2022
Date

Approved as to legal sufficiency:



Angela F. Benjamin, Assistant County Attorney

June 29, 2022
Date



Roy Coley on behalf of
County Mayor Daniella Levine Cava

7/6/22
Date

EXHIBIT A



Small Business Development Division

Project Worksheet

Project/Contract Title: Integrated Master Plan and Engineering Technical Support Services
 Project/Contract No: E20-WASD-08
 Department: Water & Sewer
 Estimated Cost of Project/Bid: \$13,200,000.00
 Description of Project/Bid: Miami-Dade Water and Sewer Department (WASD) is seeking one (1) qualified consultant to provide master planning and engineering technical support services.

Received Date: 12/18/2020

Pending Source: Other

Contract Measure		
Measure	Program	Goal Percent
Goal	SBE - A&E	15.00%
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 a 15.00% SBE-A&E Sub-Consultant Goal is appropriate for this contract in the following Technical Categories: TC 17.00 (Engineering-Construction Management) - 10.00%, TC 10.02 (Geology Services) - 2.00% and TC 10.09 (Wellfield, Groundwater and Surface Water Protection and Management) - 3.00%. Maximum compensation for this PSA is \$12,000,000.00 plus a ten percent (10%) (\$1,200,000.00) contingency allowance. The term for this Non-Exclusive Professional Services Agreement (PSA) is five (5) years with no minimum amount of work or compensation guaranteed to the retained consultant. SMALL BUSINESS ENTERPRISE - GOODS & SERVICES (SBE-G&S & 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 6-01 WATER AND SANITARY SEWER SYSTEMS - WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS, MDC-TCC 6-02 WATER AND SANITARY SEWER SYSTEMS - MAJOR WATER AND SANITARY SEWAGE PUMPING FACILITIES, MDC-TCC 6-03 WATER AND SANITARY SEWER SYSTEMS - SANITARY SEWAGE TREATMENT PLANTS, MDC-TCC 17-00 ENGINEERING CONSTRUCTION MANAGEMENT, MDC-TCC 10-02 ENVIRONMENTAL ENGINEERING - GEOLOGY SERVICES, MDC-TCC 10-09 ENVIRONMENTAL ENGINEERING - WELLFIELD, GROUNDWATER AND SURFACE WATER PROTECTION AND MANAGEMENT		
Small Business Contract Measure Recommendation		
Subtrade	Category	
ENGINEERING CONSTRUCTION MANAGEMENT	SBE-A&E	
ENVIRONMENTAL ENGINEERING - GEOLOGY SERVICES	SBE-A&E	
ENVIRONMENTAL ENGINEERING - WELLFIELD, GROUNDWATER AND SURFACE WATER PROTECTION AND MANAGEMENT	SBE-A&E	

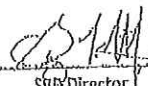
Living Wages: YES ☐ NO ☒

Responsible Wages: YES ☐ NO ☒

Highway: YES ☐ NO ☒

Building: YES ☐ NO ☒

Heavy Construction: YES ☐ NO ☒



SBB Director

1/06/21

Date

EXHIBIT B



CERTIFICATE OF ASSURANCE

SMALL BUSINESS PARTICIPATION ON COUNTY A&E AND DESIGN/BUILD PROJECTS

This completed form must be submitted with proposal documents by all proposers on a Miami-Dade County project with Small Business Enterprise ("SBE") program measure(s).

Project No.: E20-WASD-08 Project Title: INTEGRATED MASTER PLAN AND ENGINEERING TECHNICAL SUPPORT SERVICES

Name of Proposer: Hazen and Sawyer PEIN 13-2904652

Address: 999 Ponce de Leon, #1150 City Coral Gables State Florida ZIP 33134

Telephone Number: (305) 443-4001 Email address: pcarney@hazenandsawyer.com

The proposer is committed to meeting the established SBE measure(s) assigned to this project:
15 % SBE-A/E, % SBE-Con, % SBE-G, and/or % SBE-S.
 (For Goals, write in the percentage. For Set-aside, put a check mark or x.)

To satisfy the requirements for Step 1 - Proposal Submittal and Compliance with Small Business Enterprise Program Measure(s), the following is required:

1. Acknowledge the SBE program measure(s) (i.e., SBE-Architecture & Engineering, SBE-Construction, SBE-Goods and/or SBE-Services) established for this project via this Certificate of Assurance.
2. Acknowledge and confirm that there is an established relationship with the certified Miami-Dade County Small Business Enterprise firm(s) to be subcontracted to achieve the established SBE program measure(s) as indicated in the Project Documents.
3. Acknowledge that all SBE-A/E firms are properly listed on the Letter of Qualifications or Form 8DB submitted, as applicable, as part of the proposal documents and will be utilized, if selected to provide services based on their approved technical certification(s) required for the project.

To satisfy the requirements for Step 2 - Proposal Evaluation and Recommendation for Award, please attest that:

I understand that my company will be deemed non-compliant and not eligible to be considered for an award if I fail to (1) submit this Certificate of Assurance with my proposal documents, or (2) complete the Utilization Plan listing all certified Miami-Dade County SBEs to be subcontracted to satisfy the project's established SBE measure(s) via the County's Business Management Workforce System ("BMWS"), within the specified time frame, upon email notification from Small Business Development ("SBD") or BMWS. Each SBE-A/E sub-consultant listed on the Letter of Qualifications or Form 8DB, as applicable, must confirm their sub-contractual relationship (i.e., work to be performed, and the value or percentage of said work) in the Utilization Plan via BMWS, for approval by SBD.

STATE OF FLORIDA

COUNTY OF MIAMI-DADE

BEFORE ME, an officer duly authorized to administer oaths and take acknowledgement, personally appeared Patricia Carney, PE, DBIA, BCEE, who being first sworn deposes and affirms that the provided information statements are true and correct to the best of his/her knowledge information and belief.

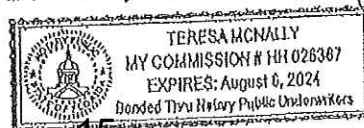
Patricia Carney
 Proposer's Signature (Owner/Officer)

SWORN TO and subscribed before me this 10th day of March, 2021

Teresa McNally
 Signature of Notary Public-State of Florida

My Commission Expires:

8/6/24



Revised 10/19

EXHIBIT B

Help & Tools

Utilization Plan: View Plan

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

E20-WASD-00: Integrated Master Plan and Engineering Technical Support Services

Status: Open
Estimated Cost: \$13,200,000

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-00: Integrated Master Plan and Engineering Technical Support Services
Reference	RE: Utilization Plan For Hazen and Sawyer, Project #E20-WASD-00, 15% SBE-A&E Goal
Phase	Original, version 0
Status	Approved
Notification Date	3/26/2021 by Caesar Suarez
Due Date	3/30/2021 5:00 pm US/Eastern
Submission Date	3/29/2021 by JAYSON J. PAGE
Review Date	4/6/2021 by Caesar Suarez

Transfer Subcontractors to Contract

Utilization Plan Information	
Estimated Bid/Transaction Amount	\$12,000,000
Public Comments	Good Afternoon, In order for Miami-Dade County to process your firm's Utilization Plan (UP), please identify all SBE-A&E firms reflected in the Letter of Qualifications Form (LOQ) that will be utilized to meet the 15% SBE-A&E goal and include the Technical Certification Categories (TC's) and percentages. PLEASE NOTE: This project has one measure: An SBE-A&E 15% Subconsultant Goal. As such, one (1) Utilization Plan (UP) must be submitted for this project. Any questions, please contact Caesar E. Suarez at: 786-454-5028.

Primary Bidder/Prime Contractor						
Vendor Name	Cert	Inc In Goal	\$ Total	\$ Self Perf	\$ For Credit	Actions
☒ HAZEN AND SAWYER	No	No	\$12,000,000	\$10,200,000 85.00%	-	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
☒ 300 Engineering Group, P.A.	1		SBE - A&E	Sub 100%		\$1,440,000 12.00%	\$1,440,000 12.00%	\$1,440,000 12.00%		View
☒ HBC Engineering Company	1		SBE - A&E	Sub 100%		\$360,000 3.00%	\$360,000 3.00%	\$360,000 3.00%		View

Goal & Waiver Summary					
Goal Type	Goal	Plan	Status	\$ to Reach Goal	Waiver Status
Overall Goal	15.00%	15.00%	Met goal		
Bid	0.00%	0.00%	Met goal		

Preference					
DBE	0.00%	0.00%	Met goal		
SBD Goal	0.00%	0.00%	Met goal		
SBE - A&E	15.00%	15.00%	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	Jayson J. Page, PE
Title	Vice President
Organization	HAZEN AND SAWYER
Signature Date	3/29/2021

Additional Instructions	
Additional Instructions to Vendor	
Special Instructions to Vendor	

Customer Support

Copyright © 2021 B2Gnow. All rights reserved.

[Home](#) | [Print This Page](#) | [Print To PDF](#) | [Translate](#)

EXHIBIT C

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
 District Located: Systemwide
 District(s) Served: Systemwide
 Various Sites

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
 District Located: Systemwide
 District(s) Served: Systemwide
 Various Sites

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
 District Located: Systemwide
 District(s) Served: Systemwide
 Various Sites

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

WASTEWATER TREATMENT PLANT - NORTH DISTRICT UPGRADES

PROGRAM #: 9653411

DESCRIPTION: Construct a chlorine improvement process, replace sluice gates in the pre-treatment bar screen room and provide various plant upgrades and rehabilitation as necessary

LOCATION: 2575 NE 151 St
North Miami

District Located: 4
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	0	0	0	18,773	12,500	31,273
Future WASD Revenue Bonds	0	6,278	2,857	13,495	7,000	0	0	0	29,630
WASD Revenue Bonds Sold	3,561	0	0	0	0	0	0	0	3,561
WIFIA Loan	0	778	3,919	9,797	25,613	39,551	8,727	0	88,385
Wastewater Renewal Fund	14,926	0	0	0	0	0	0	0	14,926
TOTAL REVENUES:	18,487	7,056	6,775	23,292	32,613	39,551	27,500	12,500	167,774
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	4,352	6,820	20,035	22,300	30,866	37,177	26,413	12,125	160,089
Planning and Design	135	235	742	993	1,747	2,373	1,087	375	7,686
TOTAL EXPENDITURES:	4,487	7,055	20,776	23,292	32,613	39,551	27,500	12,500	167,774

WASTEWATER TREATMENT PLANT - SOUTH DISTRICT EXPANSION (PHASE 3)

PROGRAM #: 9655481

DESCRIPTION: Install emergency generators and expand the South District Wastewater Plant and Injection wells

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	3,500	700	0	0	0	0	0	4,200
WASD Revenue Bonds Sold	4,931	0	0	0	0	0	0	0	4,931
Wastewater Connection Charges	391	0	0	0	0	0	0	0	391
Wastewater Renewal Fund	725	0	0	0	0	0	0	0	725
TOTAL REVENUES:	6,047	3,500	700	0	0	0	0	0	10,247
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	6,047	3,500	700	0	0	0	0	0	10,247
TOTAL EXPENDITURES:	6,047	3,500	700	0	0	0	0	0	10,247

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

WATER - PIPES AND INFRASTRUCTURE PROJECTS

PROGRAM #: 967190

DESCRIPTION: Replace pipes and provide various infrastructure improvements

LOCATION: Countywide
Various Sites

District Located:
District(s) Served:

Systemwide
Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	2,492	0	0	0	0	0	2,492
WASD Revenue Bonds Sold	25,759	0	0	0	0	0	0	0	25,759
Water Renewal and Replacement	34,421	0	3,000	3,000	3,000	3,000	3,000	3,000	52,421
Fund									
Water Special Construction Fund	148	0	0	0	0	0	0	0	148
TOTAL REVENUES:	60,328	0	5,492	3,000	3,000	3,000	3,000	3,000	80,820
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	44,081	15,039	5,382	2,940	2,940	2,940	2,940	2,940	79,202
Planning and Design	901	307	110	60	60	60	60	60	1,618
TOTAL EXPENDITURES:	44,982	15,346	5,492	3,000	3,000	3,000	3,000	3,000	80,820

WATER - REGIONAL GENERAL MAINTENANCE AND OFFICE FACILITIES

PROGRAM #: 9650271

DESCRIPTION: Construct regional general maintenance centers, office facilities and storage warehouses

LOCATION: Systemwide
Various Sites

District Located:
District(s) Served:

Systemwide
Systemwide

REVENUE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	0	0	0	0	9,667	38,352	48,018
WASD Revenue Bonds Sold	396	0	0	0	0	0	0	0	396
TOTAL REVENUES:	396	0	0	0	0	0	9,667	38,352	48,414
EXPENDITURE SCHEDULE:	PRIOR	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	FUTURE	TOTAL
Construction	396	0	0	0	0	0	9,667	38,352	48,414
TOTAL EXPENDITURES:	396	0	0	0	0	0	9,667	38,352	48,414

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:
District(s) Served:

Systemwide
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	2,901	0	0	0	0	0	0	0	2,901
Fund									
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:
District(s) Served:

Countywide
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	964	0	0	0	0	0	0	0	964
Fund									
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

INTERNAL SERVICES DEPARTMENT

LIST OF RESPONDENTS

Project Name: Integrated Master Plan and Engineering Technical-Support Services

Project No.: E20-WASD-08

Measures: 15% SBE-A/E

No. of Agreements: 1

Contract Type: PROFESSIONAL SERVICES AGREEMENT

Submittal Date: 03/15/2021

Team No.: 1

Prime Local Preference: Yes

Prime Name: AEGOM TECHNICAL SERVICES INC

FEIN No.: 952661922

Trade Name:

Sub-Consultants Name

Trade Name

Subs FEIN No.

- a. BLACK & VEATCH CORPORATION
- b. MILIAN SWAIN & ASSOCIATES INC
- c. HBC ENGINEERING COMPANY
- d. PROGRAM CONTROLS INC
- e. LONGITUDE SURVEYORS LLC
- f. FELIX M. LASARTE P.L. D/B/A THE LASARTE LAW FIRM

431833073

650094999

223936061

043640855

364551726

651138146

Team No.: 2

Prime Local Preference: Yes

Prime Name: HAZEN AND SAWYER PC

FEIN No.: 132904652

Trade Name: HAZEN AND SAWYER

Sub-Consultants Name

Trade Name

Subs FEIN No.

- a. ARCADIS US INC
- b. 300 ENGINEERING GROUP PA
- c. NOVA CONSULTING INC
- d. BELLO & BELLO LAND SURVEYING CORPORATION
- e. HBC ENGINEERING COMPANY
- f. BERMELLO AJAMIL & PARTNERS INC

570373224

562612529

650577672

134219102

223936061

591722486

Team No.: 3

Prime Local Preference: Yes

Prime Name: CDM SMITH INC

FEIN No.: 042473650

Trade Name:

Sub-Consultants Name

Trade Name

Subs FEIN No.

- a. CAROLLO ENGINEERS INC
- b. MILIAN SWAIN & ASSOCIATES INC
- c. HBC ENGINEERING COMPANY
- d. PROGRAM CONTROLS INC
- e. EV SERVICES INC
- f. THE RILEY FIRM LLC
- g. ANFIELD CONSULTING GROUP INC.

860899222

650094999

223936061

043640855

205779421

842056937

272784703



MIAMI DADE COUNTY
INTERNAL SERVICES DEPARTMENT

LIST OF RESPONDENTS

Project Name: Integrated Master Plan and Engineering Technical Support Services

Project No.: E20-WASD-08

Measures: 15% SBE-A/E

No. of Agreements: 1

Contract Type: PROFESSIONAL SERVICES AGREEMENT

Submittal Date: 03/15/2021

Team No.: 4

Prime Local Preference: Yes

FEIN No.: 954148514

Prime Name: TETRA TECH INC

Trade Name:

Sub-Consultants Name

Trade Name

Subs FEIN No.

a. HDR ENGINEERING INC

470600568

b. MILIAN SWAIN & ASSOCIATES INC

650094999

c. BND ENGINEERS INC

650421519

d. C SOLUTIONS INC

202591227

e. HBG ENGINEERING COMPANY

223936061

f. JULIUS EDUCATION

371900015

g. EPIC ENGINEERING & CONSULTING GROUP LLC

205909230

h. MAQBE CONSULTING SERVICES INC

650679927

EXHIBIT E

Memorandum



DATE: April 6, 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-08
Integrated Master Plan and Engineering Technical Support Services

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 15% 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 15% SBE-A&E measure. All referenced firms also submitted their Utilization Plan (UP) identifying the SBE sub-consultants to fulfill the 15% 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. AECOM Technical Services, Inc.	Compliant
2. Hazen and Sawyer	Compliant
3. CDM Smith Inc.	Compliant
4. Tetra Tech Inc.	Compliant

SUMMARY:

AECOM Technical Services, Inc. (#1), a non-certified SBE-A&E firm, committed to utilize the following certified, SBE-A&E firms: HBC Engineering Company to perform Technical Certification Categories (TC's) 6.01 (Water Distribution and Sanitary Sewage Collection and Transmission), 6.02 (Water and Sanitary Sewage Pumping Facilities), 6.03 (Water and Sanitary Sewage Treatment Plants) and 17.00 (Engineering Construction Management) at 4.0%; Longitude Surveyors, LLC to perform TC's 6.01 (Water Distribution and Sanitary Sewage Collection and Transmission), 6.02 (Water and Sanitary Sewage Pumping Facilities) and 17.00 (Engineering Construction Management) at 2.0%; Millan, Swain & Associates, Inc. to perform TC's 6.01 (Water Distribution and Sanitary Sewage Collection and Transmission), 6.02 (Water and Sanitary Sewage Pumping Facilities), 6.03 (Water and Sanitary Sewage Treatment Plants) and 17.00 (Engineering Construction Management) at 10.0% and Program Controls, Inc. to perform TC's 6.01 (Water Distribution and Sanitary Sewage Collection and Transmission), 6.02 (Water and Sanitary Sewage Pumping Facilities), 6.03 (Water and Sanitary Sewage Treatment Plants) and 17.00 (Engineering Construction Management) at 4.0%. In satisfaction of the 15% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by AECOM Technical Services, Inc. and confirmed by the sub-consultants listed to achieve the 15% SBE-A&E goal.

AECOM Technical Services, Inc. is in compliance with the 15% SBE-A&E sub-consultant goal.

Hazen and Sawyer (#2), a non-certified SBE-A&E firm, committed to utilize the following certified, SBE-A&E firms: 300 Engineering Group, P.A. to perform TC's 6.01 (Water Distribution and Sanitary Sewage Collection and Transmission), 6.02 (Water and Sanitary Sewage Pumping Facilities) and 6.03 (Water and Sanitary Sewage Treatment Plants) at 12.0% and HBC Engineering Company to perform TC's 6.01 (Water Distribution and Sanitary Sewage Collection and Transmission), 6.02 (Water and Sanitary Sewage Pumping Facilities), 6.03 (Water and Sanitary Sewage Treatment Plants) and 17.00 (Engineering Construction Management) at 3.0%. In satisfaction of the 15% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by Hazen and Sawyer and confirmed by the sub-consultants listed to achieve the 15% SBE-A&E goal.

Hazen and Sawyer is in compliance with the 15% SBE-A&E sub-consultant goal.

CDM Smith Inc. (#3), a non-certified SBE-A&E firm, committed to utilize the following certified, SBE-A&E firms: HBC Engineering Company to perform TC's 6.01 (Water Distribution and Sanitary Sewage Collection and Transmission), 6.02 (Water and Sanitary Sewage Pumping Facilities), 6.03 (Water and Sanitary Sewage Treatment Plants) and 17.00 (Engineering Construction Management) at 4.0%; Millan, Swain & Associates, Inc. to perform TC's 6.01 (Water

Distribution and Sanitary Sewage Collection and Transmission), 6.02 (Water and Sanitary Sewage Pumping Facilities), 6.03 (Water and Sanitary Sewage Treatment Plants) and 17.00 (Engineering Construction Management) at 8.0% and Program Controls, Inc. to perform TC's 6.01 (Water Distribution and Sanitary Sewage Collection and Transmission), 6.02 (Water and Sanitary Sewage Pumping Facilities), 6.03 (Water and Sanitary Sewage Treatment Plants) and 17.00 (Engineering Construction Management) at 4.0% in satisfaction of the 15% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by CDM Smith Inc. and confirmed by the sub-consultants listed to achieve the 15% SBE-A&E goal.

CDM Smith Inc. is in compliance with the 15% SBE-A&E sub-consultant goal.

Tetra Tech Inc. (1/4), a non-certified SBE-A&E firm, committed to utilize the following certified, SBE-A&E firms: BND Engineers, Inc. to perform TC's 6.01 (Water Distribution and Sanitary Sewage Collection and Transmission), 6.02 (Water and Sanitary Sewage Pumping Facilities) and 17.00 (Engineering Construction Management) at 8.0%; C Solutions Inc. to perform TC's 6.01 (Water Distribution and Sanitary Sewage Collection and Transmission), 6.02 (Water and Sanitary Sewage Pumping Facilities), 6.03 (Water and Sanitary Sewage Treatment Plants) and 17.00 (Engineering Construction Management) at 3.0%; HBC Engineering Company to perform TC's 6.01 (Water Distribution and Sanitary Sewage Collection and Transmission), 6.02 (Water and Sanitary Sewage Pumping Facilities) and 17.00 (Engineering Construction Management) at 5.0% and Millan, Swain & Associates, Inc. to perform TC's 6.01 (Water Distribution and Sanitary Sewage Collection and Transmission), 6.02 (Water and Sanitary Sewage Pumping Facilities), 6.03 (Water and Sanitary Sewage Treatment Plants) and 17.00 (Engineering Construction Management) at 8.0% in satisfaction of the 15% SBE-A&E sub-consultant goal. The Utilization Plan (UP) was submitted by Tetra Tech Inc. and confirmed by the sub-consultants listed to achieve the 15% SBE-A&E goal.

Tetra Tech Inc. is in compliance with the 15% SBE-A&E sub-consultant goal.

SBD verified that none of the previously referenced firms are listed with an open violation on the April 6, 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: Jorge Vilal, ISD
Laurie Johnson, ISD

EXHIBIT F

FIRST - TIER MEETING		June 4, 2021		COMPETITIVE SELECTION COMMITTEE										SUB-TOTAL		Average	Low Disparity	High Disparity	TOTAL & ADJ. QUALITATIVE SCORE	TOTAL ADJ. ORDINAL SCORES	ORDINAL RANKING	FINAL RANK	
				Junius Ferguson (WASD)	Daniel Edwards (WASD)	Patricia Gomez (RER)	Tywan Edmonson (TPO)	Ernesto Beltrio (Aviation)															
1	AECOM TECHNICAL SERVICES INC (LOCAL)	NAME OF FIRM(S)																					
		1A - Qualification of firm including team members associated to the project (Max 50 points)		42	48	40	49	40	219	47	29	58											
		2A - Knowledge and Past Experience of similar type projects (Max 20 points)		16	19	18	18	16	87	17	12	23											
		3A - Past Performance of the Firm (Max 20 points)		17	19	15	16	13	85	17	11	23											
		4A - Amount of Work Awarded and Paid by the County (Max 5 points)		1	2	2	2	2	9	2	1	2											
5A - Ability of team members to interface with the County (Max 5 points)		3	5	5	5	4	22	4	3	0													
		Ordinal Scores		79	95	90	90	80													422		
		Dropped Ordinal Scores		3	2	4	4	4															
		Dropped Qualitative Scores		75	93															250			
		Tie-Breaker (CSC Ord)-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	HAZEN AND SAWYER PC (LOCAL)	NAME OF FIRM(S)																					
		1A - Qualification of firm including team members associated to the project (Max 50 points)		45	50	40	49	48	222	45	31	62											
		2A - Knowledge and Past Experience of similar type projects (Max 20 points)		13	20	18	19	19	94	19	13	25											
		3A - Past Performance of the Firm (Max 20 points)		13	18	20	13	19	93	19	12	25											
		4A - Amount of Work Awarded and Paid by the County (Max 5 points)		3	3	5	4	4	19	4	3	5											
5A - Ability of team members to interface with the County (Max 5 points)		5	5	5	5	5	25	5	3	7									463				
		Ordinal Scores		89	95	88	95	95															
		Dropped Ordinal Scores		1	1	1	1	1															
		Dropped Qualitative Scores		1	1																279		
		Tie-Breaker (CSC Ord)-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																					
3	CDM SMITH INC (LOCAL)	NAME OF FIRM(S)																					
		1A - Qualification of firm including team members associated to the project (Max 50 points)		42	47	38	43	43	218	44	29	55											
		2A - Knowledge and Past Experience of similar type projects (Max 20 points)		16	19	18	13	17	88	18	12	23											
		3A - Past Performance of the Firm (Max 20 points)		17	17	15	17	18	84	17	11	22											
		4A - Amount of Work Awarded and Paid by the County (Max 5 points)		2	4	5	3	3	17	3	2	5											
5A - Ability of team members to interface with the County (Max 5 points)		4	4	5	5	4	22	4	3	5									429				
		Ordinal Scores		84	94	84	94	85															
		Dropped Ordinal Scores		2	3	2	3	3													8		
		Dropped Qualitative Scores		81	91																257		
		Tie-Breaker (CSC Ord)-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		June 4, 2021		COMPETITIVE SELECTION COMMITTEE												SUB-TOTAL		Average		Low Disparity		High Disparity		TOTAL & ADJ. QUALITATIVE SCORE		TOTAL ADJ. ORDINAL SCORES		ORDINAL RANKING		FINAL RANK	
MIAMI DADE WATER AND SEWER DEPARTMENT (WASD) INTEGRATED MASTER PLAN AND ENGINEERING TECHNICAL SUPPORT SERVICES <																															

RECEIVED BY CLERK
Circuit & County Courts
Miami-Dade County, Florida
FILED FOR RECORD

10:54 am, 07/14/2021

CLERK OF THE BOARD

EXHIBIT G

Memorandum



Date: July 13, 2021

To: Roy Coley, Director
Water and Sewer Department

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

From: Jorge Vital, Consultant Selection Coordinator
Chairperson, Competitive Selection Committee *Jorge Vital*

Subject: NEGOTIATION AUTHORIZATION
Integrated Master Plan and Engineering Technical Support Services
ISD Project No. E20-WASD-08

Digitally signed by Namita Uppal
DN: cn=Namita Uppal, o=Miami-Dade County,
ou=Chief Procurement Officer,
email=namita@miamicountyfla.gov,
c=US
Date: 2021.07.13 16:29:39
+0500

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

ISD Project No.: E20-WASD-08

Project Title: Integrated Master Plan and Engineering Technical Support Services

Scope of Services Summary: The Scope of Work includes, but is not limited to, the Integrated Master Plan, which will be used to develop a framework to comprehensively address Water and Sewer Department's (WASD) water and sewer infrastructure needs, with particular focus on developing a five-year work plan and recommendations for longer term water and wastewater system improvements at various planning horizons. The Integrated Master Plan also has the objective of transforming WASD's current business practices to maximize operational efficiency and decision-making with regards to future capital improvements. The Integrated Master Plan and corresponding work program will have a focus on reinvestment in existing assets, optimization of system performance, and regulatory compliance.

Experience and Qualifications: The Prime Consultant should demonstrate completion of at least two (2) similar Master Planning efforts for utilities comparable in size to WASD within the last ten (10) years from the date of this solicitation.

The Prime Consultant should demonstrate experience with Innovyze Infoworks CS wastewater hydraulic modeling software with a minimum of fifty (50) pump stations, fifty (50) miles of force main, and five hundred (500) miles of gravity mains, and Innovyze Infowater version 11.5 software with at least one thousand (1,000) miles of water main. Experience is defined for hydraulic models described as original model construction, model calibration and/or operation of model for the analysis of networks associated with master plans for at least two (2) water and two (2) wastewater models of the sizes indicated.

The Prime and/or Subconsultants should demonstrate experience with groundwater numerical modeling including MODFLOW and pre-and post-MODFLOW processors; experience with supervision and geological evaluations of drilling water supply production wells, monitoring wells, and deep injection wells; water quality sampling and analysis.

Negotiations Authorization
Integrated Master Plan and Engineering Services
ISD Project No. E20-WASD-08
Page 2

Term and Estimated Cost of Contract: The County intends to retain one (1) qualified consultant under a non-exclusive Professional Services Agreement for a five (5) year term. The maximum compensation is 12 million dollars (\$12,000,000), plus a 10 percent (10%) contingency fee in accordance with Ordinance 00-65.

Small Business Enterprise Goal: On January 6, 2021, the ISD Small Business Development Division established a 15% Small Business Enterprise -- Architectural and Engineering Goal applicable to this solicitation.

Advertisement Date: January 28, 2021.

Number of Proposals Received: Four (4) proposals were received by the submittal deadline of March 15, 2021.

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

Small Business Enterprise Compliance Review: Please refer to the attached Compliance Review Memorandum dated April 6, 2021, wherein all Proposers were deemed compliant.

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.

First Tier Results: The First Tier meeting was held on June 4, 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 and responsible proposals. During the evaluation process, one tie was 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:

- Jorge Vital, A&E Consultant Selection Coordinator, Non-Voting Chairperson, Internal Services Department
- Daniel Edward, Senior Program Manager, Water and Sewer Department
- James Ferguson, Senior Program Engineer, Water and Sewer Department
- Patricia Gomez, Senior Energy Program Resilience Manager, Regulatory and Economic Resources Department

Negotiations Authorization
Integrated Master Plan and Engineering Services
ISD Project No. E20-WASD-08
Page 3

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 firm for the purpose of negotiating one (1) Non-Exclusive Professional Services Agreement for this solicitation, in accordance with the Competitive Selection Committee's recommendation:

RANKING OF RESPONDENTS

HAZEN AND SAWYER, PC.

Final Ranking -- 1

Total Adjusted Ordinal Score -- 3

Total Adjusted Qualitative Points -- 279

The following firms will serve as alternates:

CDM SMITH, INC.

Final Ranking -- 2

Total Adjusted Ordinal Score -- 8

Total Adjusted Qualitative Points -- 257

TETRA TECH, INC.

Final Ranking -- 3

Total Adjusted Ordinal Score -- 9

Total Adjusted Qualitative Points -- 259

AECOM TECHNICAL SERVICES, INC.

Final Ranking -- 4

Total Adjusted Ordinal Score -- 11

Total Adjusted Qualitative Points -- 250

Pursuant to the Code of Silence legislation included in the Conflict of Interest and Code of Ethics Ordinance, and Section 2-11.1 of the County Code, the County Mayor or 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 contract to be presented to the Board of County Commissioners for final approval, no later than 60 days from the date of this memorandum.

If a satisfactory agreement 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 contract and report should be sent to the Internal Services Department, Architectural and Engineering Unit.

Negotiations Authorization
Integrated Master Plan and Engineering Services
ISD Project No. E20-WASD-08
Page 4

Approved:



Roy Coley
Director

7-14-21

Date

Attachments:

1. List of Respondents
2. SBD Compliance Review
3. First Tier Tabulation Sheet
4. Selection Committee Appointment Memorandum
5. Office of Commission Auditor Memorandum
6. Commission on Ethics Memorandum
7. Selection Committee Substitution Memorandum

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	E08-MDAD-05C	PSA	HAZEN AND SAWYER PC	7/30/2014	Ralph Cutie	Completion of study or design	4.0
PE	EDP-PE-S- PERD2016-1	EDP	HAZEN AND SAWYER, P.C.	8/20/2018	Katherine Hagemann	Project conclusion or closeout	3.7
PR	EDP-PR- 99999901	EDP	HAZEN AND SAWYER PC	9/28/2021	ROBERTO RODRIGUEZ	Project conclusion or closeout	3.7
WS	E14-WASD-03	PSA	HAZEN AND SAWYER PC	3/1/2022	DEBORA GRINER	Project conclusion or closeout	3.8
WS	E14-WASD-03	PSA	HAZEN AND SAWYER PC	9/5/2018	Juan Pelay	Project conclusion or closeout	3.8
WS	E14-WASD-03	PSA	HAZEN AND SAWYER PC	9/5/2018	Juan Pelay	Project conclusion or closeout	3.8
WS	E14-WASD-03	PSA	HAZEN AND SAWYER PC	8/20/2021	ANDY TOLEDO	Project conclusion or closeout	3.8
WS	E03-WASD-01	PSA	HAZEN AND SAWYER PC	8/5/2014	Mario Garcia	Interim	4.0
WS	E03-WASD-01 WO: 18	PSA	HAZEN AND SAWYER PC	10/13/2014	James Ferguson	Project conclusion or closeout	4.0
WS	E02-WASD-03	PSA	HAZEN AND SAWYER PC	4/17/2015	Lourdes Delgado	Project conclusion or closeout	4.0
WS	EDP-WS-SR- 211	EDP	HAZEN AND SAWYER, P.C.	4/20/2015	Peter M Jelonek	Interim	4.0
WS	E05-WASD-11 WO: Task 01	PSA	HAZEN AND SAWYER PC	7/17/2015	Daniel Edwards	Project conclusion or closeout	3.9
WS	E05-WASD-11 WO: 6	PSA	HAZEN AND SAWYER PC	7/17/2015	Daniel Edwards	Project conclusion or closeout	4.0
WS	E05-WASD-11 WO: 08	PSA	HAZEN AND SAWYER PC	7/17/2015	Daniel Edwards	Project conclusion or closeout	3.9
WS	E05-WASD-11 WO: 6	PSA	HAZEN AND SAWYER PC	7/17/2015	Daniel Edwards	Project conclusion or closeout	4.0
WS	E03-WASD-01 WO: 20	PSA	HAZEN AND SAWYER PC	8/7/2015	Mario Garcia	Project conclusion or closeout	4.0
WS	E14-WASD-03 WO: 2	PSA	HAZEN AND SAWYER PC	6/14/2017	Natalia Ojeda	Project conclusion or closeout	4.0
WS	E05-WASD-11 WO: Task 02	PSA	HAZEN AND SAWYER PC	2/28/2008	Daniel Edwards	Interim	4.0
WS	E05-WASD-11	PSA	HAZEN AND SAWYER PC	2/29/2008	Daniel Edwards	Interim	3.9
WS	E03-WASD-01 WO: Task 15	PSA	HAZEN AND SAWYER PC	7/24/2008	James Ferguson	Completion of study or design	4.0
WS	E03-WASD-01 WO: Task 10	PSA	HAZEN AND SAWYER PC	7/24/2008	James Ferguson	Completion of study or design	3.9
WS	E05-WASD-11 WO: 05	PSA	HAZEN AND SAWYER PC	9/2/2008	Daniel Edwards	Completion of study or design	4.0
WS	E03-WASD-01 WO: 17	PSA	HAZEN AND SAWYER PC	9/11/2009	John W. Chorlog, Jr.	Project conclusion or closeout	3.8
WS	E05-WASD-11 WO: 07	PSA	HAZEN AND SAWYER PC	12/27/2010	Daniel Edwards	Completion of study or design	3.9
WS	E01-WASD-05 Project 3, EP 1 WO: 19	PSA	HAZEN AND SAWYER PC	9/29/2011	Humberto Codispoti	Completion of study or design	4.0
WS	E03-WASD-01 WO: Task 14	PSA	HAZEN AND SAWYER PC	8/31/2012	James Ferguson	Completion of study or design	3.7
WS	E01-WASD-05 Project 3, EP 1 WO: Task 11	PSA	HAZEN AND SAWYER PC	2/28/2013	Richard Coates, P.E.	Completion of study or design	3.9
WS	E01-WASD-05 Project 3, EP 1 WO: 20	PSA	HAZEN AND SAWYER PC	2/28/2013	Richard Coates, P.E.	Completion of study or design	3.9
WS	E03-WASD-01	PSA	HAZEN AND SAWYER PC	1/8/2014	Mario Garcia	Interim	3.8
WS	E03-WASD-01	PSA	HAZEN AND SAWYER PC	1/29/2014	Mario Garcia	Interim	4.0

Evaluation Count: 30 Contractors: 1 Average Evaluation: 3.9

Vendor Profile: Contracts

General Public Profile Users Commodity Codes Contacts & Owners Comments Certifications **Contracts** Concessions Site Visits

Workforce Comp/EEO EDP Registrations Docs Reports

HAZEN AND SAWYER, P.C., DBA Hazen and Sawyer

System Vendor Number: 20128873

[Mark As Favorite](#)

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	E14-WASD-03: NF-PROFESSIONAL ENGINEERING SERVICES RELATING TO THE OPERATION AND MAINTENANCE OF THE WATER AND SEWER DEPARTMENT'S WATER SYSTEM (C-14HASPC001HANDS)	Jayson Page (change)		7/14/2015 to 5/30/2020	\$11,000,000	\$1,773,551
View	EDP-PE-S-PERD2016-1: NF-SEA LEVEL RISE - RAPID ACTION PLAN	James Cowgill (change)	Closed	11/8/2016 to 12/31/2019	\$200,000	\$199,500
View	E15-MDAD-02: NF-UTILITIES MASTER PLAN (SANITARY SEWER)	Frank McGowan (change)		3/8/2016 to 3/7/2022	\$2,288,206	\$791,096
View	E08-MDAD-05C: NF-UTILITIES MASTER PLAN (SIC 871)	Christopher Kish (change)		6/30/2009 to 7/20/2014	\$1,728,750	\$625,475
View	C20HASPC002: Non-Exclusive PSA Agreement for Design and Engineering Services for the Electrical Distribution Building and its Appurtenant Facilities at the North District Wastewater Treatment Plant (NDWWTP) E19-WASD-03	FERNANDO B CHIRIBOGA (change)		10/1/2021 to 2/23/2026	\$10,560,000	\$573,894
View	EDP-WS-SR-211: NW WELLFIELD WATER TREATMENT PLANT EVALUATION	James Cowgill (change)	Closed	10/9/2014 to 12/31/2019	\$200,000	\$195,560
View	EDP-WS-SR-379: Process and Hydraulic Modeling, Capacity Analysis and Maintenance of Plant Operations Support Services	JAYSON J. PAGE (change)		6/2/2021 to 6/2/2026	\$500,000	\$0
View	EDP-PR-9999990I: Sea Level Rise Mitigation Feasibility Study Fairchild Tropical Botanic Garden & Lakes By the Bay Pk	JAYSON J. PAGE (change)		3/25/2020 to 3/25/2025	\$150,000	\$31,226
View	EDP-PE-DE-48WM: System-Wide Stormwater Quality Updates	JAYSON J. PAGE (change)		4/23/2020 to 4/23/2025	\$200,000	\$0
View	C21HASPC002: TBD	CHIRIBOGA FERNANDO B (change)		2/22/2022 to 2/22/2027	\$0	\$0
Number of contracts as prime: 10					\$26,826,956	\$4,190,301

Contracts as Subcontractor

Actions	Contract Number & Title	Sub Contact	Status	Prime	Current Subcontract	Paid Amount
View	E14-WASD-01: NF-PROFESSIONAL ENGINEERING AND GEOLOGICAL	Frank McGowan (change)		TETRA TECH	\$0 0.00%	\$167,165

SERVICES FOR WATER, WASTEWATER AND RECLAIMED WATER PLANNING SERVICES (C-14TTI001T)				
View	E01-WASD-01,EP: NF-South Miami-Dade Water Treatment Plant Design Services for Miami-Dade Water and Sewer Department (SIC 871)	James Cowgill (change)	CDM Smith, Inc.	\$0 \$270,163 0.00%
View	E13-WASD-11: OWNER'S REPRESENTATIVE FOR PROFESSIONAL ENGINEERING SERVICES RELATING TO THE STATE OF FLORIDA'S OCEAN OUTFALL LEGISLATION AND MIAMI-DADE COUNTY'S WASTEWATER SYSTEM (C-14CH2M006C)	Frank McGowan (change)	Jacobs Engineering Group Inc	\$0 \$17,299,088 0.00%
Number of contracts as subcontractor: 3				\$0 \$17,736,417

[Customer Support](#)[Home](#) | [Print This Page](#) | [Print To PDF](#) | [Translate](#)

Copyright © 2022 B2Gnow. All rights reserved.



MEMORANDUM (Revised)

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

DATE: October 6, 2022

FROM: 
Gen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 8(O)(1)

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. 8(O)(1)
10-6-22

RESOLUTION NO. R-944-22

RESOLUTION RATIFYING THE EXECUTION OF A NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT BETWEEN MIAMI-DADE COUNTY AND HAZEN AND SAWYER, P.C. TO PROVIDE INTEGRATED MASTER PLAN AND ENGINEERING TECHNICAL SUPPORT SERVICES, PURSUANT TO SECTION 2-8.2.12 OF THE CODE OF MIAMI-DADE COUNTY, MIAMI-DADE WATER AND SEWER DEPARTMENT'S CONSENT DECREE AND CAPITAL IMPROVEMENT PROJECT, IN AN AMOUNT NOT TO EXCEED \$13,200,000.00; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXERCISE THE TERMINATION AND OTHER PROVISIONS CONTAINED THEREIN

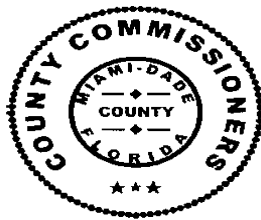
WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board (1) ratifies 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 approving the execution of a Non-Exclusive Professional Services Agreement between Miami-Dade County and Hazen and Sawyer, P.A. to provide Integrated Master Plan and Engineering Technical Support Services in an amount not to exceed \$13,200,000.00 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 **Sally A. Heyman** , who moved its adoption. The motion was seconded by Commissioner **Keon Hardemon** and upon being put to a vote, the vote was as follows:

Jose "Pepe" Diaz, Chairman	aye		
Oliver G. Gilbert, III, Vice-Chairman	absent		
Sen. René García	aye	Keon Hardemon	aye
Sally A. Heyman	aye	Danielle Cohen Higgins	aye
Eileen Higgins	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 6th day of October, 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