Memorandum

MIAMI-DADE COUNTY

Date: July 14, 2015

Agenda Item No. 3(B)(1)

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

From: Carlos A. Gimenez
Mayor

Subject: Resolution Ratifying Award of a Non-Exclusive Professional Services Agreement 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 Miami-Dade County Code

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Recommendation

It is recommended that the Board of County Commissioners (Board) ratify the award of a non-exclusive professional services agreement by 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 on Exhibit A, as attached.

Multi-Year Capital Plan Project

Item 1 - Recommendation to Award: Professional Engineering Services relating to the Operation and Maintenance of Water and Sewer Department's Water System. The item requests ratification of a non-exclusive professional services agreement in the amount of $11,000,000 with a total contract term of five (5) years and one (1) five-year option-to-renew to Hazen and Sawyer, P.C.

Scope

The commission district of the project locations is noted on Exhibit A. The capital projects awarded through WASD's Acceleration Ordinance have a countywide impact.

Fiscal Impact/Funding Source

The fiscal impact and funding source for the project in this item is detailed on Exhibit A and the other accompanying attachments.

Track Record/Monitoring

WASD's Deputy Director of Capital Improvements and Regulatory Compliance, Juan Carlos Arteaga, AIA, NCARB, will oversee the implementation of this project.

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.

The County entered into the Consent Decree in order to resolve a lawsuit that had been brought in the United States District Court for the Southern District of Florida (Case No. 1:12-cv-24400-FAM) based on violations caused by the County's deteriorating sewer system.

The accelerated approval process provided through WASD's Acceleration Ordinance reduces the time period to award a contract by approximately 60 days in order to assist WASD in meeting Consent Decree deliverables implementation deadlines and rehabilitation project deadlines and begin work on its Multi-Year Capital Improvements Program projects.

Exhibit A and the accompanying attachments include the details of the competitively bid award for which ratification is being requested. Exhibit A contains the information bulleted below for each 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

The contract listed in this memorandum is executed by the County Mayor or County Mayor's designee in accordance with WASD's Acceleration Ordinance, a copy is available upon request.

Attachments

Jack Osterholt
Deputy Mayor

Exhibit A

Ratification of Contract Awards Authorized by the WASD Accelerate Ordinance

Item Number	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	Agreement No. 14HASPC001 Project No. E14-WASD-03	Professional Engineering Services relating to the Operation and Maintenance of the Water and Sewer Department's Water System	Hazen and Sawyer, P.C.	Project is Countywide	$11,000,000	WASD Operating Revenues	n/a	Estimated Start Date: 05/30/2015 Estimated End Date: 05/30/2025 - includes an initial term of five (5) years with a one (1) five-year OTR	1%	32%	n/a	n/a	The scope of work includes but is not limited to: establishing water quality goals for the water distribution system; reviewing the compatibility of water in the distribution system with current treatments such as lime softening, reverse osmosis and chlorination; reviewing system operations to make recommendations for energy conservation and efficiency; and developing operating procedures and manuals to properly manage, operate and maintain the water system.
2																
3																
4																

Total Dollar Value of Awards: $11,000,000

CLERK OF THE BOARD

2015 JUN -9 AM 11:40

Memorandum

MIAMI-DADE COUNTY

Date: June 1, 2015

CLERK, CIRCUIT & COUNTY CTS
MIAMI-DADE COUNTY, FLA.
#1

To: Honorable Carlos A. Gimenez
Mayor

From: Lester Sola, Director
Water and Sewer Department

Subject: Recommendation approving award of a Non-Exclusive Professional Services Agreement to Hazen and Sawyer, P.C. for Professional Engineering Services relating to the Operation and Maintenance of Water and Sewer Department's Water System - Project No: E14-WASD-03, Agreement No: 15HASPCOO1

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 Code of Miami-Dade County, it is recommended that the County Mayor or Mayor's designee approve the attached non-exclusive professional services agreement to Hazen and Sawyer, P.C. for Professional Engineering Services relating to the Operation and Maintenance of WASD's Water System, Project No: E14-WASD-03, Agreement No: 15HASPC001. The total compensation amount is $11,000,000 with a total contract term of five (5) years and one (1) five (5) year option-to-renew.

DELEGATION OF AUTHORITY:

The County Mayor or Mayor's designee is authorized to amend and execute the Agreement. The Agreement delegates authority to the County Mayor or Mayor's designee to terminate the Agreement and resolve disputes. Pursuant to the provisions of Sections 2-8.2.12 (4)(d) and (e) of the Code, the County Mayor or 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 contract amount.

PROJECT NAME:

Professional Engineering Services relating to the Operation and Maintenance of Water and Sewer Department's Water System

PROJECT DESCRIPTION:

The scopes of services are anticipated to include, but are not limited to, the following:

1. Establish water quality goals for the drinking water distribution system, including corrosion and compliance with the Lead and Copper Rule;
2. Review compatibility of water in the distribution system with current treatment of lime softening, reverse osmosis and direct use with chlorination and submit recommendations;
3. Review of system operations to make recommendations for energy conservation and efficiency;
4. Review treatment strategies and provide recommendations for operational modifications, including development and execution of any needed pilot testing;
5. Develop operating procedures and manuals to reasonably ensure consistent high quality drinking water;

6. Develop process monitoring and trending protocols and associated manuals;
7. Conduct training and update system Operation and Maintenance manuals;
8. Assistance in preparing for interaction with regulatory and permitting agencies;
9. Review and/or update Information Management System Program;
10. Coordinate with Geographic Information System (GIS);
11. Review and/or update Water System Asset Management Program;
12. Develop Water Transmission Main Operations, Preventative Maintenance and Assessment/Rehabilitation Program;
13. Develop Water Main Criticality Assessment and Prioritization Program;
14. Develop Water Main Rehabilitation and Replacement Program; and
15. Prepare a vulnerability assessment of water supply facilities to climate change impacts, including sea level rise, ground water level rise, storm surge, wind force, flooding, salt water intrusion, and identify strategies by which to mitigate these consequences.

PROJECT LOCATION:
Throughout Miami-Dade County

SMALL BUSINESS DEVELOPMENT (SBD) REVIEW DATE: 07/25/2014
SIGNOFF DATE: 08/14/2014

SBD REVIEW COMMITTEE ASSIGNED CONTRACT MEASURES:

TYPE	GOAL	COMMENT
SBE-Architectural/Engineering	32.00%	Implementing Order 3-32
SBE-Goods and Services	1.00%	Implementing Order 3-41

PROJECT TECHNICAL CERTIFICATION REQUIREMENTS:

Type	Code	Description
Prime	6.01	WATER AND SANITARY SEWER SYSTEMS-WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS
Prime	6.02	WATER AND SANITARY SEWER SYSTEMS-MAJOR WATER AND SANITARY SEWAGE PUMPING FACILITIES
Prime	6.03	WATER AND SANITARY SEWER SYSTEMS-WATER AND SANITARY SEWAGE TREATMENT PLANTS
Other	10.09	ENVIRONMENTAL ENGINEERING-WELLFIELD, GROUNDWATER, AND SURFACE WATER PROTECTION AND MANAGEMENT
Other	15.01	SURVEYING AND MAPPING-LAND SURVEYING

SUBCONSULTANTS:
The chart below indicates the list of Subconsultants that will be utilized under this Agreement. The chart also shows which of those Subconsultants are being utilized to meet the Small Business Enterprise Architectural/Engineering goal participation required of thirty-two percent (32%) and one percent (1%) for Goods and Services. Attached as Exhibit "A" are the "Letter of Agreements".

SUBCONSULTANTS	SBE GOAL	SERVICES
300 Engineering Group, PA	10.00%	6.01- WATER AND SANITARY SEWER SYSTEMS – WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS

		6.02- WATER AND SANITARY SEWER SYSTEMS - MAJOR WATER AND SANITARY SEWAGE PUMPING FACILITIES 6.03- WATER AND SANITARY SEWER SYSTEMS - WATER AND SANITARY SEWAGE TREATMENT PLANTS
Cardozo Engineering, Inc.	10.00%	6.01- WATER AND SANITARY SEWER SYSTEMS – WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS 6.02- WATER AND SANITARY SEWER SYSTEMS - MAJOR WATER AND SANITARY SEWAGE PUMPING FACILITIES 6.03- WATER AND SANITARY SEWER SYSTEMS - WATER AND SANITARY SEWAGE TREATMENT PLANTS
CES Consultants, Inc.	10.00%	6.01- WATER AND SANITARY SEWER SYSTEMS – WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS 6.02- WATER AND SANITARY SEWER SYSTEMS - MAJOR WATER AND SANITARY SEWAGE PUMPING FACILITIES 6.03- WATER AND SANITARY SEWER SYSTEMS - WATER AND SANITARY SEWAGE TREATMENT PLANTS
Hadonne Corp.	2.00%	15.01 - SURVEYING
Media Relations Group, LLC	1.00%	PUBLIC INFORMATION SERVICES
Lockwood Andrews & Newnam, Inc.	N/A	
HDR Engineering, Inc.	N/A	
John S. Young, Jr. LLC	N/A	

APPLICABLE WAGES: No

MANDATORY CLEARING HOUSE: No

PRIMARY COMMISSION DISTRICT: Various 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: Miami-Dade Water and Sewer Department

FISCAL IMPACT/FUNDING SOURCE:
WASD Operating Revenues

PTP FUNDING: No

GOB FUNDING: No

ARRA FUNDING: No

SUSTAINABLE BUILDINGS ORDINANCE: (Ord. No. 07-65)
Does the project qualify for compliance with the Sustainable Buildings Ordinance? No

TOTAL CONTRACT PERIOD:
The initial contract term is five (5) years. The County Mayor or Mayor's designee has the authority to approve one (1) five (5) year option-to-renew.

IG FEE INCLUDED IN BASE CONTRACT:	Yes	
ART IN PUBLIC PLACES:	No	
BASE CONTRACT AMOUNT:	$10,000,000	
CONTINGENCY ALLOWANCE:	$ 1,000,000	Contingency Allowance fee in accordance with Ordinance 00-65 is 10% of the total design cost.
TOTAL CONTRACT AMOUNT:	$11,000,000	

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

TRACK RECORD / MONITOR/ SBD HISTORY OF VIOLATIONS:
None - Due diligence was conducted by WASD and Internal Services Department (ISD) in accordance with the 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 Hazen and Sawyer, P.C. responsibility. This information is being provided pursuant to Resolution R-187-12.

EXPLANATION:
On September 29, 2014, a Notice to Professional Consultants was issued under full and open competition. On October 29, 2014, the Clerk of the Board received two (2) proposals in response to this solicitation. Section 3.3 of the Notice to Professional Consultants states the following: "In the event the County receives fewer than three (3) proposals, or fewer than three (3) proposals are determined to be responsive and responsible to perform the required services, the County may proceed with the number of proposal(s) received which are determined to be responsive and responsible, provided that the County has conducted an analysis of market availability for subject services and determined at its sole discretion that there is no further market availability or immediate interest to provide subject services." In order to determine if there was additional interest, ISD extended the submittal deadline to November 12, 2014. There were no additional proposals received and it was determined that the County should move forward with the two (2) proposals received.

First-Tier:
At the First-Tier "Evaluation of Qualifications" meeting held on February 9, 2015, the Competitive Selection Committee reviewed the two (2) proposals received. At this meeting, it was determined that two (2) firms met the minimum qualifications and demonstrated its relevant experience with the project as

required by the Notice to Professional Consultants. The Competitive Selection Committee evaluated and ranked the firms and voted to short-list the two (2) firms.

Second-Tier:
The Second-Tier "Oral Presentations" meeting was held on February 23, 2015. The Competitive Selection Committee ranked Hazen and Sawyer, P.C. as the highest ranking firm (see below) and recommended to negotiate the contract with Hazen and Sawyer, P.C.

Firm	Total Qualitative Scores	Total Ordinal Scores	Ordinal Ranking
Hazen and Sawyer, P.C.	481	7	1
Carollo Engineers, Inc.	471	8	2

The Negotiation Committee was approved by the County Mayor on March 10, 2015. On April 1, 2015, the Negotiation Committee met and concluded negotiations with Hazen and Sawyer, P.C.

The Negotiation Committee also approved a lump sum First Task Service Order (attached as Exhibit B) for a total amount of $176,070 for a six (6) month period.

Based on the ISD's Capital Improvement Information System database, Hazen and Sawyer, P.C. has eighteen (18) previous evaluations with an average 3.9 rating out of a possible total 4.0 points (attached as Exhibit C).

SUBMITTAL DATE: 11/12/2014

ESTIMATED NOTICE TO PROCEED: 5/30/2015

A/E COMPANY: Hazen and Sawyer, P.C.

PRINCIPAL/COMPANY QUALIFIERS: James T. Cowgill, P.E.

EMAIL ADDRESS: jcowgill@hazenandsawyer.com

COMPANY ADDRESS: 999 Ponce de Leon Boulevard, Suite 1150
Coral Gables, Florida 33134

YEARS IN BUSINESS: 64 years

PREVIOUS AWARD CONTRACTS WITH THE COUNTY IN THE PAST FIVE (5) YEARS:
According to the Firm History Report provided by the ISD, Division of Small Business Development, Hazen and Sawyer, P.C. Inc. has been awarded one (1) contract with Miami-Dade County with a total contract value of $197,131 (attached as Exhibit D).

MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS: Yes

1. The Prime Consultant must be an engineering firm experienced in all phases of water engineering with particular expertise on the operation and maintenance of water treatment plants and transmission/distribution systems.
2. The Prime Consultant should have at least one (1) successful project in which it has provided such services for a major utility of similar size within the past ten (10) years from the date of solicitation. For utilities at which the Prime Consultant has provided such services, the Consultant shall provide the name and contact information for a Utility Executive with the Utility who can confirm their role. The descriptions shall include the client (i.e., municipality or agency), key project staff, the project name, a summary of the work performed, the contract amount, the schedule (to include start and completion dates), the specific role of the Prime Consultant, the achievements (e.g., programs delivered on schedule, innovative information management systems implemented, new technology utilized), and a client reference and contact information.
3. The Prime Consultant's team should demonstrate their successful experience with assessment, implementation, and integration of information systems, in particular with WASD's enterprise portfolio. The current portfolio includes:
    - ESRI ArcGIS 10 – Geographic Information Systems
    - Infor EAM - Asset Management System
    - Prolianc – Project Control and Tracking System
    - PeopleSoft – Enterprise Resource Planning
4. The Prime Consultant's team should also be familiar with developing and implementing ESRI ArcGIS for water/wastewater utilities; be knowledgeable with ESRI geometric networks and automatic GIS integration with hydraulic computer modeling software; and experience collecting utility asset information such as coordinate location Global Position System, and other pertinent measurements.
5. The Prime Consultant shall provide a list of members of the proposed team, identifying the overall Program Manager(s), and the team leaders for key deliverables and the specific role each one of them will perform.
6. The Subconsultants shall have at least one (1) program or project that is relevant to this scope of work within the past ten (10) years from the date of this solicitation specific to their proposed responsibilities. 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, the project's achievements, and client reference and contact information.
7. The expertise must be met by a qualified individual(s) of the Prime Consultant and/or Subconsultants. The experience must be demonstrated by direct or substantial involvement of the individual(s) in a supervisory capacity at the Project Manager level or above. The determination of the individual's qualifications and compliance with the experience and qualifications shall be at the sole discretion of the County. The Competitive Selection Committee may negatively evaluate proposals from firms they determine have failed to meet the above experience and qualification(s).

CONTRACT MANAGER NAME/PHONE/EMAIL: Patty David 786-552-8040 pattyd@miamidade.gov

PROJECT MANAGER NAME/PHONE/EMAIL: Peter M. Jelonek 786-552-8226 pjelo01@miamidade.gov

BACKGROUND:
This project is needed in order for WASD to evaluate and establish water quality goals and compatibility of current and future water treatment technologies, review system operations, develop procedures and manuals to properly manage, operate and maintain all parts of the water treatment, transmission and distribution system. This work will also consider water main criticality assessment, rehabilitation and replacement program and impacts of climate change.

Jennifer Moon — Date: 6/2/15
JENNIFER MOON,
OMB DIRECTOR

Susan Elaine Davis for — Date: 6/4/15
HENRY GILLMAN,
ASSISTANT COUNTY ATTORNEY

Date: 6/8/15
JACK OSTERHOLT,
DEPUTY MAYOR

MEMORANDUM
(Revised)

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

DATE: July 14, 2015

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

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

_____ **Ordinance creating a new board requires detailed County Mayor's report for public hearing**

✓ **No committee review**

_____ **Applicable legislation requires more than a majority vote (i.e., 2/3's ____, 3/5's ____, unanimous _____) to approve**

_____ **Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required**

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 3(B)(1)
7-14-15

RESOLUTION NO. _____

RESOLUTION RATIFYING AWARD BY THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE OF A NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT TO HAZEN AND SAWYER, P.C. FOR PROFESSIONAL ENGINEERING SERVICES RELATING TO THE OPERATION AND MAINTENANCE OF THE MIAMI-DADE WATER AND SEWER DEPARTMENT'S WATER SYSTEM, PROJECT NO. E14-WASD-03, AGREEMENT NO. 14HASPC001, IN AN AMOUNT NOT TO EXCEED $11,000,000.00 FOR A FIVE-YEAR TERM WITH ONE FIVE-YEAR OPTION TO RENEW, AWARDED PURSUANT TO MIAMI-DADE WATER AND SEWER DEPARTMENT'S CONSENT DECREE AND CAPITAL IMPROVEMENTS PROGRAMS ACCELERATION ORDINANCE, SECTION 2-8.2.12 OF THE COUNTY CODE; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXERCISE THE PROVISIONS CONTAINED THEREIN INCLUDING THE TERMINATION PROVISIONS

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum with attachments, 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 ratifies the award, as authorized by Section 2-8.2.12 of the Code of Miami-Dade County, by the County Mayor or County Mayor's designee of a Non-Exclusive Professional Services Agreement to Hazen and Sawyer, P.C. for Professional Engineering Services relating to the Operation and Maintenance of the Miami-Dade Water and Sewer Department's Water System, Project No. E14-WASD-03, Agreement No. 14HASPC001, in an amount not to exceed $11,000,000.00 for a five-year term with one five-year option to renew; and authorizes the County Mayor or County Mayor's designee to exercise the provisions contained therein, including the termination

provisions, as set forth in the accompanying memorandum. The contract documents are on file with 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 , who moved its adoption. The motion was seconded by Commissioner and upon being put to a vote, the vote was as follows:

Jean Monestime, Chairman
Esteban L. Bovo, Jr., Vice Chairman

Bruno A. Barreiro	Daniella Levine Cava
Jose "Pepe" Diaz	Audrey M. Edmonson
Sally A. Heyman	Barbara J. Jordan
Dennis C. Moss	Rebeca Sosa
Sen. Javier D. Souto	Xavier L. Suarez
Juan C. Zapata	

The Chairperson thereupon declared the resolution duly passed and adopted this 14th day of July, 2015. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this Resolution and the filing of this approval with the Clerk of the Board.

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

HARVEY RUVIN, CLERK

By:_____
Deputy Clerk

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

Sarah E. Davis