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

Memorandum

MIAMI-DADE COUNTY

Date: April 21, 2015

Agenda Item No. 3(B)(2)

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

From: Carlos A. Gimenez
Mayor

Resolution No. R-286-15

Subject: Resolution Ratifying Various Actions Related to Miami-Dade Water and Sewer Department 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 actions 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 projects identified below and on Exhibit A, as attached.

Consent Decree Project

Item 1 - Recommendation to Award: Design-Build Services for the Replacement/Rehabilitation of a 72-inch Sanitary Sewer Force Main along Northwest/Northeast 159th Street between Northwest 17th Avenue and Northeast 10th Avenue. The item requests ratification of a contract award in the amount of $16,746,672 with a contract completion date of May 31, 2016 to Ric-Man Construction Florida, Inc.

Multi-Year Capital Plan Project

Item 2 - Recommendation to Award: Professional Engineering and Geological Services for Water, Wastewater and Reclaimed Water Planning Services. The item requests ratification of a non-exclusive professional services agreement in the amount of $7,700,000 with a total contract term of three (3) years and one (1) two (2) year option-to-renew to Tetra Tech, Inc.

Scope

The commission district of the project locations are 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 sources for each project in this item are 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 these projects.

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 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. Under the terms of the Consent Decree, failure to meet stipulated implementation dates and project completion dates could result in daily penalties to the County ranging from $1,000 - $2,000 and $500 - $2,500, respectively.

Exhibit A and the accompanying attachments include the details of each of the competitively bid awards 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 contracts listed in this memorandum were executed by the County Mayor or County Mayor's designee in accordance with WASD's Acceleration Ordinance, copies are available upon request.

Attachments

Jack Osterholf
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	Request for Design-Build Services	Contract No. 15RMCP001 Project No. DB14-WASD-01	Replacement/Rehabilitation of 72-inch Sewer Force Main along NW/NE 159 St. between NW 17 Ave. and NE 10 Ave.	Ric-Man Construction Florida, Inc.	Located in Districts 1 and 2, but Project is Countywide	$16,746,672	1)Wastewater Connections Charges, 2) Future WASD Revenue Bonds, 3) WASD Revenue Bonds Sold, 4) Wastewater Renewal Fund	$3,000 per year	Estimated Start Date: 03/02/2015 Estimated End Date: 05/31/2016	n/a	30%	15.5%	10%	The scope of work will address the emergency condition of the 72-inch sanitary sewer force main located along NW/NE 159 St. between NW 17 Ave. and NE 10 Ave. The rehabilitation and replacement of this segment of the 72-inch sanitary sewage force main will prevent a failure from taking place as it did back in June 2010.
2	WASD	County Bid Process	Notice to Professional Consultants	Agreement No. 14TTI001 Project No. E14-WASD-01	Professional Engineering and Geological Services for Water, Wastewater, and Reclaimed Water Planning Services	Tetra-Tech, Inc.	Project is Countywide	$7,700,000	WASD Operating Revenues	n/a	Estimated Start Date: 03/02/2015 Estimated End Date: 03/01/2020 - includes an initial term of three (3) years with a one (1) two-year OTR	n/a	30%	n/a	n/a	The scope of work provides for long-range planning of water, wastewater and reclaimed water facilities to meet future growth needs and comply with regulatory requirements.
3																
4																
						Total Dollar Value of Awards:		$24,446,672								

Memorandum

MIAMI-DADE COUNTY

Date: March 2, 2015

To: Honorable Carlos A. Gimenez,
Mayor

From: Lester Sola, Director,
Water and Sewer Department

CONSENT DECREE

Subject: Recommendation approving award of a Design-Build Contract to Ric-Man Construction Florida, Inc. for Design-Build Services for the Replacement/Rehabilitation of 72-Inch Sanitary Sewer Force Main along Northwest/Northeast 159th Street between Northwest 17th Avenue and Northeast 10th Avenue-Project No. DB14-WASD-01

RECOMMENDATION:
It is recommended that the Mayor or Mayor's designee approve this recommendation to award a design-build contract to Ric-Man Construction Florida, Inc. for Design-Build Services for the Replacement/Rehabilitation of 72-Inch Sanitary Sewer Force Main along Northwest/Northeast 159th Street between Northwest 17th Avenue and Northeast 10th Avenue. The total compensation amount is $16,746,672 with a contract completion date of May 31, 2016; Project No. DB14-WASD-01; Contract No.15RMCFI001.

On January 21, 2015, the Negotiations Committee recommended that the County Mayor or Mayor's designee accelerate the approval of this contract award recommendation in order to ensure a Notice to Proceed is in place no later than February 2, 2015. In addition, the Negotiations Committee recommended that the Substantial Completion Date be extended from March 31, 2016 to April 30, 2016. The date of Final Completion shall remain May 31, 2016.

BACKGROUND:
On December 16, 2014, the Board of County Commissioners (Board), via Resolution No. R-1119-14, authorized the Mayor or Mayor's designee to contract for the emergency replacement/rehabilitation of the 72-inch sanitary sewer force main along Northwest/Northeast 159th Street between Northwest 17th Avenue and Northeast 10th Avenue. Specifically, the Board authorized the Mayor or Mayor's designee to: 1) reject all proposals for Project No. DB14-WASD-01; 2) support Miami-Dade County's commitment to the United States Department of Justice for the Consent Decree and prevent an undue hardship to the health and safety of the community and the County; 3) waive competitive bids pursuant to Section 5.03(D) of the Charter, Section 2-10.4(8)(b)(i) of the Code, and Section 287.055(9)(c)(6) of the Florida Statutes; 4) request lump sum bids from the following three (3) short-listed firms under the Sanitary Sewer Request for Design-Build Services process: Insituform Technologies, Inc., Lanzo Construction Co., Florida, and Ric-Man Construction Florida, Inc.; 5) authorize the Mayor or Mayor's designee to enter into a design-build contract with the lowest responsible bidder to address the emergency condition of the 72-inch sanitary sewer force main; 6) waive protest procedures under Section 2-8.4 of the Code of Miami-Dade County in

connection with the rejection of the previous competitive bids and any resulting award of the contract; and 7) provide for ratification of any resulting emergency design-build contract by the Board. Upon approval by the Mayor or Mayor's designee, this award will be subject to ratification at the next available Board meeting.

This project is part of the Consent Decree, which was entered on April 9, 2014 in the United States of America, State of Florida and State of Florida Department of Environmental Protection v. Miami-Dade County, Case No. 1:12-cv-24400-FAM. It is identified as Project No. 4.4 on Exhibit D-1 of Appendix D of the Consent Decree.

DELEGATION OF AUTHORITY:
The authority of the County Mayor or Mayor's designee to execute and implement the contract is consistent with those authorities granted under the Code of Miami-Dade County. The Contract will delegate authority to the County Mayor or Mayor's designee to terminate the Contract and resolve disputes. Additionally, pursuant to the provisions of Sections 2-8.2.12 (4)(d) and (e) of the Code, the County Mayor or 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 contract amount.

PROJECT NAME:
Design-Build Services for the Replacement/Rehabilitation of 72-Inch Sanitary Sewer Force Main along Northwest/Northeast 159th Street between Northwest 17th Avenue and Northeast 10th Avenue.

PROJECT DESCRIPTION:
The County (through its Water and Sewer Department) must comply with the regulatory deadlines and milestones specified in Consent Decree, Case No. 1:12-cv-24400-FAM. This new Consent Decree was approved by the U.S. District Court for the Southern District of Florida on April 9, 2014 in order to resolve the lawsuit brought by the Department of Justice (on behalf of the United States Environmental Protection Agency), the State of Florida and the Florida Department of Environmental Protection against the County for violations of the Clean Water Act, the National Pollutant Discharge Elimination System Permit, and the Florida Air and Water Pollution Control Act. Ric-Man Construction Florida, Inc. shall be familiar with and acknowledges that it will comply with the requirements of the Consent Decree, which is available for review at WASD'S website at: http://www.miamidade.gov/water/wastewater-improvement-projects.asp.

Ric-Man Construction Florida, Inc. shall provide engineering, design, permitting, construction, testing and commissioning services for the implementation of the replacement/rehabilitation of the 72-inch sanitary sewer force main along Northwest/Northeast 159th Street between Northwest 17th Avenue and Northeast 10th Avenue. The design and construction services rendered by the Ric-Man Construction Florida, Inc. shall result in a complete, functional, and operational piping project with a minimum of 80 years of design life. The Project shall consist of the following main elements:

1. Remove and salvage the existing 60-inch inline valves located at the intersection of Northwest 2nd Avenue and Northwest 159th Street. The salvaged valves will remain the property of the WASD.
2. Installation of two new 60-inch inline valves at the intersection of Northwest 6th Avenue and Northwest 159th Street and also at the intersection of North Miami Avenue and Northwest 159th Street. These valves will be procured by WASD forces.
3. Booster Pump Station 1310, located at Northwest 151st Street and Douglas Road, will be reconfigured or shut down to allow discharge towards the suction header of Booster Pump Station 300, located at Northwest 30th Avenue and Northwest 127th Street. Pump Station 300 will to be evaluated to confirm ability to receive DESIGN-BUILDER'S proposed flow (based on the

construction approach) and, if necessary, be reconfigured to receive the additional flow from Booster Pump Station 1310.

4. Install an 8-inch temporary bypass for the existing North Miami Beach 8-inch force main connection to the existing 72-inch force main, located at the intersection of Northwest 16th Court and Northwest 155th Terrace.
5. Install an 8-inch temporary bypass for the existing City of North Miami 8-inch force main connection to the existing 72-inch force main located at the intersection of Northwest 2nd Avenue and Northwest 159th Street.
6. Install a 16-inch temporary bypass for the existing WASD 16-inch force main connection to the existing 72-inch force main located at the intersection of North Miami Avenue and Northwest 159th Street.
7. Approximately 15,260 linear feet of Class IV fully structural (to act as a separate pipe with the existing pipe acting as merely a right-of-way for the installation) continuous slip-lining with high density polyethylene application between Northwest 17th Avenue and Northeast 10th Avenue. The preferred material for this slip-lining operation is a 63-inch fusible high density polyethylene pipe, Dimension Ratio (DR) 32.5, manufactured from a pipe resin which meets American Society for Testing Materials (ASTM) D 3350 "Standard Specification for Polyethylene Plastic Pipe and Fittings Material" with a minimum cell classification of 445574C, manufactured to the dimensions of ASTM F714 "Standard Specification for Polyethylene (PE) Plastic Pipe Standard Dimension Ratio Pressure Rated (S.D.R.-PR) Based on Outside Diameter" with a pressure rating between 60 pound per square inch (psi) to 65 psi.
8. Approximately 1,800 linear feet open cut construction to install a 60-inch pipe to interconnect slip-lining operations between Northwest 17th Avenue and Northeast 2nd Avenue.

Additionally, Ric-Man Construction Florida, Inc. shall design and construct all ancillary piping, tapping, temporary bypass and tie-in connections to facilitate successful construction and commissioning of the rehabilitated 72-inch sanitary sewer force main without interruption of service to the existing 72-inch sanitary sewer force main and its upstream and downstream pump stations, sewers and force mains.

Ric-Man Construction Florida, Inc. shall provide and pay for all labor, materials, tools, construction equipment and other ancillary facilities necessary for proper execution, testing, commissioning, and final restoration work required for functional and satisfactory delivery of the work. Any work and services which may be reasonably assumed as necessary to accomplish this objective shall be supplied by Ric-Man Construction Florida, Inc.

PROJECT LOCATION:
The project location is in the area bounded by Northwest/Northeast 159th Street between Northwest 17th Avenue and Northeast 10th Avenue.

REVIEW DATE: 3/11/2014 - **SIGNOFF DATE:** 4/3/2014

REVIEW COMMITTEE ASSIGNED CONTRACT MEASURES:

TYPE	GOAL	COMMENT
SBE-Construction	15.50%	Implementing Order 3-22
SBE-Architectural/Engineering	30.00%	Per Administrative Order 3-32
Community Workforce Program	10.00%	Designated Target Enterprise Areas

SUBCONSULTANTS:
The following Subconsultants are being utilized to meet the Small Business Enterprise Architectural/Engineering goal participation required of 30% and 15.50% SBE construction and a 10% Community Workforce Program. Attached as Exhibit B are the "Letter of Agreements" and the "Schedule of Intent Affidavit".

SUBCONSULTANT	GOAL	SERVICES
Tierra South Florida, Inc.	12%	9.01- Soils, Foundations and Materials Testing – Drilling, Subsurface Investigations And Seismographic Services 9.02 - Soils, Foundations and Materials Testing - Geotechnical and Materials Engineering Services , 9.03 - Soils, Foundations and Materials Testing – Concrete and Asphalt Testing Services Seismographic Services 9.04 - Soils, Foundations and Materials Testing – Non-Destructive Testing And Inspections
PE Consulting Engineering, Inc.	12%	16.00 - General Civil Engineering
Keith and Associates, Inc.	6%	15.01 – Surveying and Mapping - Land Surveying 15.03 - Underground Utility Location 16.00 - General Civil Engineering 17.00 - Engineering Construction Management
Homestead Concrete & Drainage, Inc.	14.50%	Provide concrete supply for work and restoration
Flotech Environmental, LLC	1%	Provide service to clean CCTV 72-inch pipe
Wade Trim, Inc.	N/A	Lead Designer
Jacobs Associates Corp.	N/A	Geotechnical and Material services and civil work
Langan Engineering and Environmental Services, Inc.	N/A	Environmental Services
General Asphalt Co., Inc.	N/A	Asphalt Paving Restoration
TDW Services, Inc.	N/A	Live Taps
Media Relations Group, LLC	N/A	Project Coordination
Cat Contracting, LLC	N/A	CIPP Consultation and Project Management

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

PRIMARY COMMISSION DISTRICT: Various Districts

APPROVAL PATH:
Resolution R-1119-14 and 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: Water and Sewer

FISCAL IMPACT / FUNDING SOURCE
Wastewater Connections Charges
Future WASD Revenue Bonds
WASD Revenue Bonds Sold

Wastewater Renewal Fund

MAINTENANCE/OPERATIONS COST: $3,000 per year.

LIFE EXPECTANCY OF ASSET: 80 years

PTP FUNDING: No

GOB FUNDING: No

ARRA FUNDING: No

CAPITAL BUDGET PROJECT NUMBER - DESCRIPTION:
968150- WASTEWATER COLLECTION AND TRANSMISSION-Book Page: 124 Adopted Capital Book for Fiscal Year 2014-2020.

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	**16.00**	**GENERAL CIVIL ENGINEERING**
Other	9.01	SOILS, FOUNDATIONS AND MATERIALS TESTING – DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES
Other	9.02	SOILS, FOUNDATIONS AND MATERIALS TESTING - GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES
Other	9.03	SOILS, FOUNDATIONS AND MATERIALS TESTING – CONCRETE AND ASPHALT TESTING SERVICES SEISMOGRAPHIC SERVICES
Other	9.04	SOILS, FOUNDATIONS AND MATERIALS TESTING – NON-DESTRUCTIVE TESTING AND INSPECTIONS
Other	10.05	ENVIRONMENTAL ENGINEERING - CONTAMINATION ASSESSMENT AND MONITORING
Other	11.00	GENERAL STRUCTURAL ENGINEERING
Other	15.01	SURVEYING AND MAPPING - LAND SURVEYING
Other	15.03	UNDERGROUND UTILITY LOCATION
Other	17.00	ENGINEERING CONSTRUCTION MANAGEMENT

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

TOTAL ESTIMATED CONTRACT PERIOD: Final Completion May 31, 2016.

IG FEE INCLUDED IN BASE CONTRACT: Yes

ART IN PUBLIC PLACES: No

BASE ESTIMATE: $14,843,000
Estimated Construction Cost $13,843,000
Estimated Engineering Cost $ 1,000,000

CONTINGENCY ALLOWANCE (SECTION 2-8.1 MIAMI DADE COUNTY CODE):

Type	Percent	Amount	Comment
Design-Build	5% 10%	$792,150	Contingency allowance fees in accordance with Ordinance 00-65 is 5% of the total construction cost is $692,150 and 10% of the total engineering cost is $100,000.

DEDICATED ALLOWANCE(S):

PERMIT FEES:	$ 511,522
UNFORESEEN HYDROCARBON CONTAMINATION:	$ 300,000
OFF-DUTY POLICE OFFICER:	$ 300,000
TOTAL DEDICATED ALLOWANCE:	$ 1,111,522
TOTAL CONTRACT AMOUNT:	**$16,746,672**

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

EXPLANATION:
On May 2, 2014, a Request for Design-Build Services was issued under full and open competition. On June 6, 2014, the Clerk of the Board received five (5) proposals for the "Step 1: Evaluation of Qualifications" submittal.

STEP 1
At the Step 1 "Evaluation of Qualifications" meeting held on July 22, 2014, the Competitive Selection Committee reviewed and ranked the remaining three (3) proposals received on June 6, 2014. Two (2) firms were found non-compliant due to their failure to meet the minimum experience and qualifications requirements as stipulated in the Request for Design-Build Services and were eliminated from further evaluation by the Competitive Selection Committee.

The Competitive Selection Committee voted to shortlist the following three (3) firms: Ric-Man Construction Florida, Inc.; Lanzo Construction Co.; and Insituform Technologies, Inc. to submit technical and price proposals for the "Step 2: Technical and Price Proposal Evaluation Meeting".

STEP 2
The Step 2 "Technical and Price Proposal" meeting (Oral Presentations) was held on September 25, 2014. The Competitive Selection Committee recommended to the County Mayor that it negotiate the design-build contract with the highest ranking firm, Ric-Man Construction Florida, Inc. As such, authorization to negotiate with Ric-Man Construction Florida, Inc. was approved on October 14, 2014.

At the first negotiations meeting held on October 22, 2014, it was discovered that Ric-Man Construction Florida, Inc. failed to include a water tightness requirement in the slip-lining alternate proposal that was approved by the Competitive Selection Committee. It was later revealed that during the review process of the submitted proposals, Lockwood, Andrews & Newnam, Inc., the Design Criteria Professional for this project, failed to identify the lack of water tightness in the Step 2 submittals for Ric-Man Construction Florida, Inc. and Lanzo Construction Co., Florida, the top two (2) ranked proposers. In addition, the Design Criteria Professional provided inaccurate information regarding the compliance of the Alternate proposals submitted by Insituform Technologies, Inc.

As a result of the irregularity and after further input from the Negotiations Committee, staff and the Design Criteria Professional consulted with the County Attorney's Office. The County Attorney's Office advised that the original solicitation document included the water tightness requirement. The Design Criteria Professional advised that the base proposal and accepted alternate proposals for the top two (2) ranked firms were in non-compliance with said water tightness requirements.

Therefore, on December 16, 2014, it was recommended and approved by the Board via Resolution R-1119-14 to "Reject All Proposals" and declare the Project an Emergency due to the pipe's aging condition and in order to avoid a catastrophic rupture in the surrounding community (Exhibit A).

As a result, the three (3) highest ranking firms selected by the Competitive Selection Committee from the earlier solicitation process were asked to submit a lump sum bid price to execute the work using the slip-lining method of rehabilitation for the Project. On December 23, 2014, Ric-Man Construction Florida, Inc. was found to be the lowest priced responsive bidder and is now being recommended for award (See tabulation below):

Firm Name	Price Proposal	Local Preference (LP) Locally Headquartered LH)
Ric-Man Construction Florida, Inc.	$14,843,000	LP- Yes LH- Yes
Insituform Technologies, LLC	$18,772,107	LP- Yes LH- No
Lanzo Construction Co, Florida	$15,300,000	LP- Yes LH -Yes

The Negotiation Committee was approved by the County Mayor on January 5, 2015. Negotiations commenced and successfully concluded with Ric-Man Construction Florida, Inc. on January 21, 2015.

Based on the Internal Services Department CIIS database, Ric-Man Construction Florida, Inc. has five (5) evaluations with a three point nine (3.9) rating out of a possible total four (4.0) points.

SUBMITTAL DATE: 5/2/2014

ESTIMATED NOTICE TO PROCEED: 3/2/2015

DESIGN-BUILDER COMPANY: Ric-Man Construction Florida, Inc.

PRINCIPAL:/COMPANY QUALIFIERS: Daniel C. Mancini

EMAIL ADDRESS: dmacinl@ric-man.com

COMPANY ADDRESS: 1001 North American Way, Suite 201
Miami, Florida 33132

YEARS IN BUSINESS: 10 years

PREVIOUS EXPERIENCE WITH THE COUNTY IN THE PAST FIVE (5) YEARS:
According to the Firm History Report provided by the Internal Services Department, Division of Small Business, Ric-Man Construction Florida, Inc. has been awarded five (5) contracts with a total contract value of $1,144,650.27.

MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS: Yes
The minimum experience and past performance listed below was used by the Competitive Selection Committee to evaluate the proposals during the Step 1 process.

Minimum Project Experience and Past Performance: The proposed Design-Builder shall demonstrate its project team experience by presenting the qualifications and capabilities of the Design-Builder, Lead Constructor(s) and Lead Designer(s) supported by listing projects completed within the last ten (10) years, including projects that are at least fifty percent (50%) complete, prior to the required submittal date of the solicitation, that demonstrate related minimum project experience as indicated below:

The proposed Design-Builder, including Lead Builder(s) and Lead Designer(s), any of which also may serve as the Design-Builder entity, shall be identified in the Proposer's Statement of Qualifications (SOQ) submittal. Experience and qualifications information must be included in the Internal Services Department Experience and Verification Chart(s) provided to be included with the Request for Design Build Services (RDBS).

1) Design-Builder:

I. The Design-Builder shall demonstrate that it has performed and/or managed as a Prime contractor or Design-Builder the construction of at least two (2) pipeline rehabilitation projects, one (1) of which was a minimum length of 1,000 linear feet with a minimum 48-inch diameter.

II. The Design-Builder may also qualify for any of the Lead Constructor or Lead Designer requirements.

2) Lead Constructors:

I. The Lead Constructor firm performing the pit/shaft construction shall have constructed at least two (2) pits/shafts that were each at least 15-feet deep (below grade).

II. The Lead Constructor firm performing the installation of the continuous slip-lining must have constructed at least two (2) continuous slip-lining projects with Class IV fully structural fusible high density polyethylene (HDPE) for pressure pipe, one (1) of which was a minimum of 1,000 linear feet and a minimum 48-inch internal diameter.

III. The Lead Constructor firm performing the open cut installation of 60-inch pipe shall demonstrate having performed two (2) projects utilizing the open cut method with pipe of minimum 48-inches inside diameter, including one (1) for a total installed length of at least 1,000 linear feet.

IV. Design-Build Team includes a firm having demonstrated experience with one (1) project of tapping into an operating sewer system pipe, of reasonably similar size and type. This firm may be a specialty subcontractor.

Lead Constructor(s) may qualify for one (1) or more of the above Lead Constructor requirements.

3) Lead Designers:

I. The Lead Designer firm performing the design of the continuous slip-lining must have designed at least two (2) projects with Class IV fully structural fusible HDPE for pressure pipe, one (1) of which was a minimum of 1,000 linear feet and a minimum 48-inch internal diameter.
II. The Lead Designer firm performing the design of the open cut installation of 60-inch pipe must have designed at least two (2) projects utilizing the open cut method with pipe of minimum 48-inches inside diameter, including one for a total installed length of at least 1,000 linear feet.
III. The Lead Designer firm performing design for the pits/shafts shall have designed one (1) deep pit/shaft project to support a rehabilitation operation of at least 15-feet deep (below grade).
Lead Designers may qualify for one (1) or more of the above Lead Designer requirements.
4) Additional Preferred Project Experience and Past Performance: Design-Builder teams may receive higher qualifications scores from the Competitive Selection Committee (CSC) if their submitted project experience and past performance can demonstrate the following:
I. Listed projects are of a similar or greater size and level of complexity.
II. Any listed projects of the proposed Design-Builder entity were designed and constructed through design-build project delivery.
III. The Lead Constructor and Lead Designer have worked together on previous projects, especially on design-build projects.
IV. Listed projects of the Lead Constructor and Lead Designer for the rehabilitation work include experience in reasonably similar urban conditions.
V. Listed projects demonstrate capabilities and experience of utilizing soil stabilization and grouting techniques for water control during boring and pit/shaft excavation. (This may be a specialty subcontractor)
VI. Key Personnel, most significantly the proposed Project Manager, Design Manager and Construction Manager, have served on the Projects listed and their client reference can validate that performance.
5) Minimum industry and position experience of Design-Build Team Key Personnel are as follows:
I. Minimum fifteen (15) years total industry experience of which five (5) years in a similarly responsible position for each of the following Key Personnel:

- Design-Build Project Manager
- Lead Designer - Design Manager
- Lead Constructor - Construction Manager
- Pits/Shafts Construction Superintendent

II. Minimum ten (10) years total industry experience of which three (3) years is in a similarly responsible position for each of the following key personnel:

- Lead Structural Engineer
- Lead Geotechnical Engineer
- Lead Pipeline/Mechanical Engineer
- Pipe Tapping Superintendent
- Permitting / Compliance Manager
- Design-Builder Quality Assurance/Quality Control (QA/QC) Manager
- Design-Builder Safety Manager

III. Key Personnel must demonstrate experience with the type of work to be performed.

- Proposers shall identify, in their SOQ, those State of Florida registered Professional Engineers who will sign and seal construction plans and specifications.
- Key Personnel resumes shall indicate the individual's current firm association, their professional qualifications, a client reference with contact information, and their role and duration on each project for which they are being credited the related experience.

IV. Additional Preferred Experience and Past Performance:

- Experience in significant role on a design-build project, especially in a similar role as proposed for this Project

Memorandum

MIAMI-DADE COUNTY

Date: March 11, 2015

To: Honorable Carlos A. Gimenez
Mayor

From: Lester Sola, Director
Water and Sewer Department

CLERK OF THE BOARD
2015 MAR 17 AM 11:29
CLERK, CIRCUIT & COUNTY COURTS
MIAMI-DADE COUNTY, FLA.

Subject: Recommendation approving award of a Non-Exclusive Professional Services Agreement to Tetra Tech, Inc. for Professional Engineering and Geological Services for Water, Wastewater and Reclaimed Water Planning Services -
Project No: E14-WASD-01

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 Tetra Tech, Inc. for Professional Engineering and Geological Services for Water, Wastewater and Reclaimed Water Planning Services, Project No: E14-WASD-01, Agreement No: 14TTI001. The total compensation amount is $7,700,000 with a total contract term of three (3) years and one (1) two (2) year option-to-renew.

DELEGATION OF AUTHORITY:
The County Mayor or Mayor's designee is authorized to amend and execute the Agreement. The Ordinance delegates authority to 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 will have 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 and Geological Services for Water, Wastewater and Reclaimed Water Planning Services

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

- Development of water and wastewater flow projections;
- Hydraulic modeling of the water transmission/distribution and wastewater collection/transmission systems including:
    - Model updates with new facilities
    - Flow projections
    - Calibration

  - The development and analysis of alternatives for proposed piping/pump station facilities necessary for future conditions;
- The review of present operations and identification of facilities for improvements, including energy reductions;
- Establishment of water quality objectives for the distribution system;
- Reclaimed water master planning;
- Preparation of master plan documents;
- Master plan financial analysis;
- Assisting WASD staff in responding to regulatory agency Request for Information;
- Preparation of Basis of Design Reports for facilities identified in master plans and other WASD projects;
- Conducting evaluations to ensure that adequate capacity exists for new development projects and the determination of design conditions for new facilities;
- Assistance in interfacing with the developer community regarding areas with high development activity;
- Operational studies;
- Hydrogeological evaluations including groundwater and the identification of future water supplies;
- Supervision and geological evaluations of drilling water supply production, monitoring, reclaimed water and deep injection wells;
- Water quality sampling and analysis;
- Treatment process identification and evaluation as it relates to master planning and process optimization;
- Cost estimating including life cycle costs (operation, maintenance, replacement);
- Scheduling;
- Assistance in the implementation and management of WASD 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's twenty (20) year permit is not exceeded;
- Assistance in the management of planning functions which are part of WASD Project Control and Tracking System using Proliance software;
- Assistance with Comprehensive Planning reviews for Comprehensive Development Master Plan, Development Impact Committees, Water Supply Plans, Florida Department of Transportation and Comprehensive Plan Amendments;
- Assistance in updating flows in Chapter 24 of the Miami-Dade County Code; and
- Planning for administrative office and maintenance support facilities, including new facilities, renovations and studies for consolidations of existing facilities.

Participation Restrictions: Tetra Tech, Inc. shall be excluded from future solicitations for design services for facilities identified as part of master planning activities completed under the Agreement. The participation preclusion will remain in effect for an indefinite period of time.

PROJECT LOCATION:
Throughout Miami-Dade County

REVIEW DATE: 04/04/2014 - **SIGNOFF DATE:** 4/16/2014
RESUBMITTED: 06/09/2014 - **SIGNOFF DATE:** 6/11/2014

REVIEW COMMITTEE ASSIGNED CONTRACT MEASURES:

TYPE	GOAL	COMMENT
SBE-Architectural/Engineering	30.00%	Per Administrative Order 3-32

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	10.02	ENVIRONMENTAL ENGINEERING - GEOLOGY SERVICES
Other	10.09	ENVIRONMENTAL ENGINEERING - WELLFIELD, GROUNDWATER, AND SURFACE WATER PROTECTION AND MANAGEMENT
Other	14.00	ARCHITECTURE

SUBCONSULTANTS:

The following Subconsultants are being utilized to meet the Small Business Enterprise Architectural/Engineering goal participation required of 30%. Attached as Exhibit "B" are the "Letter of Agreements".

SUBCONSULTANTS	GOAL	SERVICES
300 Engineering Group, PA	13.5%	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
Milian Swain & Associates, Inc.	13.5%	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
HBC Engineering Company	5%	6.01
AECOM Technical Services, Inc.	N/A	6.01, 6.02, 6.03, 10.02, 10.09, and 14.00
Hazen and Sawyer, PC	N/A	6.01, 6.02, 6.03, and 10.09

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

FISCAL IMPACT / FUNDING SOURCE
WASD Operating Revenues

PTP FUNDING: No

GOB FUNDING: No

ARRA FUNDING: No

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

TOTAL CONTRACT PERIOD:
The initial contract term is three (3) years. The County Mayor or the Mayor's designee has the authority to approve one (1) two (2) year option-to-renew.

IG FEE INCLUDED IN BASE CONTRACT:	Yes	
ART IN PUBLIC PLACES:	No	
BASE CONTRACT AMOUNT:	$7,000,000	
CONTINGENCY ALLOWANCE:	$ 700,000	Contingency Allowance fee in accordance with Ordinance 00-65 is 10% of the total design cost.
TOTAL CONTRACT AMOUNT:	$7,700,000	

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

EXPLANATION:
On July 30, 2014, a Notice to Professional Consultants was issued under full and open competition. On September 5, 2014, the Clerk of the Board received one (1) proposal 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." ISD, therefore, conducted an analysis of market availability on September 10, 2014 and determined that the County should move forward with the one (1) proposal received. ISD's determination was based on: (1) the preclusion language in the Notice to Professional Consultants which states that: "The firm selected will be excluded from future solicitations for design services for facilities identified as part of master planning activities completed under the Agreement. The participation preclusion will remain in effect for an indefinite period of time;" (2) the fact that no other firms submitted proposals; and (3) WASD's need to move forward with long-range facilities planning.

First-Tier
At the First-Tier "Evaluation of Qualifications" meeting held on November 13, 2014, the Competitive Selection Committee reviewed the one (1) proposal received from Tetra Tech, Inc. At this meeting, it was determined that Tetra Tech, Inc. 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 firm. The Competitive Selection Committee by majority vote decided not to hold a Second-Tier (Oral Presentation) meeting and recommended Tetra Tech, Inc. to the County Mayor for approval to negotiate a contract.

The Negotiation Committee was approved by the County Mayor on December 8, 2014. On January 13, 2015, the Negotiation Committee met and concluded negotiations with Tetra Tech, Inc.

The Negotiation Committee also approved a First Task Service Order (attached as Exhibit A) for a total amount of $44,474.05 for a six month period.

Based on the Internal Services Department's CIIS database, Tetra Tech, Inc. has one (1) evaluation with an average 3.8 rating out of a possible total 4.0 points.

SUBMITTAL DATE:	8/25/2014
ESTIMATED NOTICE TO PROCEED:	3/2/2015
A/E COMPANY:	Tetra Tech, Inc.
PRINCIPAL:/COMPANY QUALIFIERS:	MarkRynning
EMAIL ADDRESS:	Mark.Rynning@tetratech.com
COMPANY ADDRESS:	150 West Flagler Street, Suite 201 Miami, Florida 33130
YEARS IN BUSINESS:	48 years

PREVIOUS EXPERIENCE WITH THE COUNTY IN THE PAST FIVE (5) YEARS:
According to the Firm History Report provided by the Internal Services Department, Division of Small Business Development, Tetra Tech, Inc. has been awarded one (1) contract with Miami-Dade County with a total contract value of $2,250,000.

MINIMUM QUALIFICATIONS EXCEED LEGAL REQUIREMENTS: Yes
The Prime Consultant must demonstrate completion of at least two (2) water and two (2) wastewater master plans for utilities with total projected average flow of over ten (10) million gallons per day (mgd) within the last ten (10) years from the date of this solicitation.

The Prime Consultant must also demonstrate completion of the development of a reclaimed water system master plan of over two hundred and fifty thousand (250,000) gallons per day (gpd) in the last ten (10) years from the date of this solicitation.

The Prime Consultant is requested to demonstrate experience with Innovyse 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 Innovyse Infowater 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; and water quality sampling and analysis.

The Prime and/or Subconsultant is requested to demonstrate completion of at least one (1) administrative office and/or maintenance support facilities study for an organization with at least one thousand five hundred (1,500) employees within the last ten (10) years from the date of this solicitation.

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

PROJECT MANAGER NAME/PHONE/EMAIL: Howard Fallon / 786-552-8225 / hlfal01@miamidade.gov

BACKGROUND:
The Planning Division of the WASD provides long-range facilities planning for the Department. This work includes development of facilities needs to meet future growth, for compliance with regulatory requirements, to improve operational efficiency and flexibility, and to establish design criteria for the facilities identified. It covers all aspects of the Department operations, including administrative facilities, water supply/treatment/distribution, wastewater collection/treatment/disposal, and reclaimed water. The project is to obtain engineering and geological services to assist in this work.

Date: 3/13/15

JENNIFER MOON
OMB DIRECTOR

Date: 3/9/15

SARAH E. DAVIS
ASSISTANT COUNTY ATTORNEY

Date: 3/16/15

JACK OSTERHOLT
DEPUTY MAYOR

MEMORANDUM

(Revised)

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

DATE: April 21, 2015

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

SUBJECT: Agenda Item No. 3(B)(2)

Please note any items checked.

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

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 3(B)(2)
4-21-15

RESOLUTION NO. R-286-15

RESOLUTION RATIFYING VARIOUS ACTIONS BY COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE RELATED TO MIAMI-DADE WATER AND SEWER DEPARTMENT'S CONSENT DECREE AND CAPITAL IMPROVEMENT PROGRAMS ACCELERATION ORDINANCE PURSUANT TO SECTION 2-8.2.12 OF THE CODE OF MIAMI-DADE COUNTY, FLORIDA, INCLUDING AWARD OF A CONTRACT FOR DESIGN-BUILD SERVICES FOR THE REPLACEMENT/REHABILITATION OF A 72-INCH SANITARY SEWER FORCE MAIN ALONG NORTHWEST/NORTHEAST 159TH STREET BETWEEN NORTHWEST 17TH AVENUE AND NORTHEAST 10TH AVENUE TO RIC-MAN CONSTRUCTION FLORIDA, INC. IN THE AMOUNT OF $16,746,672.00, AWARD OF A CONTRACT FOR NON-EXCLUSIVE PROFESSIONAL ENGINEERING AND GEOLOGICAL SERVICES FOR WATER, WASTEWATER AND RECLAIMED WATER PLANNING TO TETRA TECH, INC. IN THE AMOUNT OF $7,700,000.00, AND EXECUTION OF SUCH CONTRACTS; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXERCISE THE PROVISIONS CONTAINED THEREIN

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

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board: (1) 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, including the award of a contract for Design-Build Services for the Replacement and Rehabilitation of a 72-inch Force Main along Northwest/Northeast 159th Street between Northwest 17th Avenue and Northeast 10th Avenue to Ric-Man Construction Florida, Inc. in the amount of $16,746,672.00, the award of a contract for Non-

Exclusive Professional Engineering and Geological Services for Water, Wastewater and Reclaimed Water Planning Services to Tetra Tech, Inc. in the amount of $7,700,000.00, and the execution of such contracts, all as set forth in the accompanying memorandum; and (2) authorizes the County Mayor or County Mayor's designee to exercise the provisions contained in such contracts, as set forth in the accompanying memorandum. The solicitation documents and resulting contracts are kept 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 **Esteban L. Bovo, Jr.** , who moved its adoption. The motion was seconded by Commissioner **Sally A. Heyman** and upon being put to a vote, the vote was as follows:

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

The Chairperson thereupon declared the resolution duly passed and adopted this 21st day of April, 2015. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this Resolution and the filing of this approval with the Clerk of the Board.

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

HARVEY RUVIN, CLERK

By: Christopher Agrippa
Deputy Clerk

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

Sarah E. Davis