

City of Coral Gables, Florida
Finance Department / Procurement Division

Civil & Environmental Engineering Services

RFQ No. 2024-023

September 20, 2024



AECOM
2 Alhambra Plaza
Suite 900
Coral Gables, FL, 33134

Tel: 305-444-4691
www.aecom.com

September 20, 2024

Andrea Fortella
City of Coral Gables, FL
Finance Department / Procurement Division
2800 SW 72nd Avenue
Miami, FL 33155

RE: Civil & Environmental Engineering Services | RFQ No.: 2024-023

Dear Ms. Fortella and Selection Committee Members,

The City of Coral Gables (the City) is a leader in innovation, service and value, prioritizing its customers and the environment with its mission. The City is seeking firms to provide preliminary engineering analysis, surveying, geotechnical investigation, preliminary design, final design, permitting process, and construction inspection and management services.

As a global and local leader in infrastructure consulting, AECOM is well equipped to meet these needs. We are dedicated to delivering innovative, sustainable, and resilient solutions tailored to the unique needs of the communities we serve. Our team is fully capable of providing all services requested by the City. Below, we outline our team's qualifications and our ability to deliver high-quality services that align with your requirements:

OUR TEAM AND EXPERTISE

Magdala Cayemitte, PE will serve as the Contract Manager for our team. With over 18 years of experience in civil engineering, pipeline design, water and wastewater engineering, and large-scale projects in South Florida, Ms. Cayemitte brings a wealth of expertise to our efforts. Under her leadership, our team of professionals offers a deep understanding of the local context and regulatory environment of Coral Gables. This ensures that our solutions are not only practical but also fully compliant with all relevant standards and regulatory requirements.

CIVIL ENGINEERING: Our civil engineering services encompass a wide range of capabilities, including site development, roadway design, stormwater management, flood risk assessment, and utility coordination. We have a proven track record of successfully delivering projects that improve community infrastructure while minimizing disruption to residents and businesses. Our approach is rooted in collaboration, ensuring that all stakeholders are engaged and informed throughout the project lifecycle. **Led by Eric Boyer, PE, our civil engineering team brings decades of experience in planning, design, and project management for complex construction projects.**

WATER & SANITARY SEWER SYSTEMS: Water is a vital resource, and our expertise in water engineering allows us to effectively address a wide range of water-related challenges. Our services encompass water supply and distribution as well as wastewater management. We utilize advanced technologies and industry best practices to develop solutions that are both efficient and environmentally responsible. **Bozho Handjiev, PE will lead the water related aspects of this contract. With extensive experience in hydraulic modeling, as well as water, wastewater, and reclaimed water projects for various municipal clients, Mr. Handjiev brings a deep understanding and proficiency to our team.**

The City of Coral Gables will have a single point of contact through our Contract Manager **Magdala Cayemitte, PE, CDT**. In addition to Magdala, the City will benefit from the expertise of Erik, Evelio, Vivek, and our other technical leaders. Our team, with its extensive experience across civil, water/wastewater, transportation, and environmental infrastructure, is committed to collaborating closely to develop innovative solutions that meet the City's needs




TRANSPORTATION ENGINEERING SERVICES: Transportation is a critical component of urban planning, and our team excels in designing transportation systems that are efficient, safe, and sustainable. Our services include traffic analysis, roadway design, public transit planning, and pedestrian pathways. We are dedicated to enhancing mobility and accessibility for all residents of Coral Gables. **Evelio Chavez, PE will lead the paving and drainage assessment and design for this contract. With nearly 40 years of experience in transportation design, project management, and business development in the South Florida region, Mr. Chavez brings extensive expertise to our team. His portfolio includes large-scale highway design and comprehensive program planning and implementation.**

ENVIRONMENTAL ENGINEERING SERVICES: Environmental stewardship is at the core of our practice. Our environmental engineering services include site assessments, remediation, environmental impact assessments, and sustainability planning. We are dedicated to protecting and enhancing the natural environment of Coral Gables, ensuring that future generations can enjoy its beauty and resources. **Having provided these consulting services for municipal and private clients in the South Florida area for more than 20 years and for the City for the last 10 years, Vivek (Vik) Kamath, PE will lead these services for this contract.**

COMMITMENT TO EXCELLENCE: At AECOM, we are committed to excellence in every project we undertake. Our Coral Gables office is staffed with professionals who are not only experts in their fields but also deeply invested in the well-being of the community. We leverage our global resources and local knowledge to deliver solutions that are innovative, sustainable, and tailored to the specific needs of Coral Gables.

We look forward to the opportunity to partner with the City of Coral Gables and contribute to the continued growth and prosperity of this vibrant community. Thank you for considering our qualifications. We are confident that our expertise, experience, and dedication make us the ideal partner for your engineering needs.

Sincerely,



Pedro "Pete" G. Hernandez, PE
AECOM Technical Services, Inc.
Principal-in-Charge / Authorized Signatory
t: 786.255.5745
Pedro.Hernandez@aecom.com



Magdala Cayemitte, PE, CDT
AECOM Technical Services, Inc.
Contract Manager
t: 305.342.7649
Magdala.Cayemitte@aecom.com

SECTION I

Title Page, Table of Contents, Required Forms,
and Minimum Qualification Requirements

1. Title Page

RFQ No. 2024-023
Civil & Environmental Engineering Services

AECOM Technical Services, Inc.
2 Alhambra Plaza, Suite 900
Coral Gables, FL 33134
T 305.342.7649

Contact:
Magdala, Cayemitte, PE, CDT
magdala.cayemitte@aecom.com

September 20, 2024

2. Table of Contents

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CITY OF CORAL GABLES, FL

2800 SW 72nd Avenue, Miami, FL 33155
Finance Department / Procurement Division
Tel: 305-460-5102 / Fax: 305-261-1601


PROPOSER'S ACKNOWLEDGEMENT

<p>RFQ Title: Civil & Environmental Engineering Services</p> <hr/> <p>RFQ No.: 2024-023</p> <p>A cone of silence is in effect with respect to this RFQ. The Cone of Silence prohibits certain communication between potential vendors and the City. For further information, please refer to the City Code Section 2-1027 of the City of Coral Gables Procurement Code.</p>	<p>Electronic submittals must be received prior to 2:00 p.m., September 9, 2024, via INFOR; and will remain valid for 120 calendar days. Submittals received after the specified date and time will not be accepted.</p> <p>Contact: Andrea Fortella Title: Procurement Specialist Telephone: 305-441-5745 Email: achung2@coralgables.com / contracts@coralgables.com</p>
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<p>Proposer's Name: AECOM Technical Services, Inc.</p>	<p>FEIN or SS Number: 95-2661922</p>
<p>Complete Mailing Address: 2 Alhambra Plaza, Suite 900 Cape Coral, FL 33134</p>	<p>Telephone No.: 305.444.4691</p>
	<p>Cellular No.: 786.255.5745</p>
<p>Indicate type of organization below: Corporation: <input checked="" type="checkbox"/> Partnership: <input type="checkbox"/> Individual: <input type="checkbox"/> Other: <input type="checkbox"/></p>	<p>Fax No.: 305.447.3580</p>
<p>Bid Bond / Security Bond (if applicable) N/A</p>	<p>Email: pedro.hernandez@aecom.com</p>

ATTENTION: THIS FORM ALONG WITH ALL REQUIRED RFQ FORMS MUST BE COMPLETED, SIGNED (PERFERABLY IN BLUE INK), AND SUBMITTED WITH THE RESPONSE PRIOR TO THE SUBMITTAL DEADLINE. FAILURE TO DO SO MAY DEEM PROPOSER AS NON-RESPONSIVE.

THE PROPOSER CERTIFIES THAT THIS SUBMITTAL IS BASED UPON ALL CONDITIONS AS LISTED IN THE RFQ DOCUMENTS AND THAT THE PROPOSER HAS MADE NO CHANGES IN THE RFQ DOCUMENT AS RECEIVED. THE PROPOSER FURTHER AGREES IF THE RESPONSE IS ACCEPTED, THE PROPOSER WILL EXECUTE AN APPROPRIATE AGREEMENT FOR THE PURPOSE OF ESTABLISHING A FORMAL CONTRACTUAL RELATIONSHIP BETWEEN THE PROPOSER AND THE CITY OF CORAL GABLES FOR THE PERFORMANCE OF ALL REQUIREMENTS TO WHICH THIS RFQ PERTAINS. FURTHER, BY SIGNING BELOW PREFERABLY IN **BLUE INK**, ALL RFQ PAGES ARE ACKNOWLEDGED AND ACCEPTED AS WELL AS ANY SPECIAL INSTRUCTION SHEET(S) IF APPLICABLE. THE UNDERSIGNED HEREBY DECLARES (OR CERTIFIES) ACKNOWLEDGEMENT OF THESE REQUIREMENTS AND THAT HE/SHE IS AUTHORIZED TO BIND PERFORMANCE OF THIS RFQ FOR THE ABOVE PROPOSER.

 _____ Pete Hernandez <i>Authorized Name and Signature</i>	Business Development Sr. Manager _____ Title	9/13/2024 _____ Date
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SOLICITATION SUBMISSION CHECKLIST**Request for Qualifications (RFQ) No. 2024-023**

COMPANY NAME: (Please Print): AECOM Technical Services, Inc.
 Phone: 786.255.5745 Email: pedro.hernandez@aecom.com

Please provide the PAGE NUMBER in the blanks provided as to where compliance information is located in your Submittal for each of the required submittal items listed below:
SUBMITTAL - SECTION I: TITLE PAGE, TABLE OF CONTENTS, REQUIRED FORMS, AND MINIMUM QUALIFICATION REQUIREMENTS.

- 1) Title Page: Show the RFQ number and title, the name of your firm, address, telephone number, name of contact person, e-mail address, and date. PAGE # 5
- 2) Provide a Table of Contents in accordance with and in the same order as the respective "Sections" listed below. Clearly identify the material by section and page number. PAGE # 6
- 3) Fill out, sign, and submit the Proposer's Acknowledgement Form. PAGE # 7
- 4) Fill out and submit the Solicitation Submission Check List. PAGE # 8
- 5) Fill out, sign, notarize (as applicable), and submit the Proposer's Affidavits and Schedules A through H. 12
- 6) Fill out, sign, and submit Standard Form 330, Architect-Engineer Qualifications. No response will be considered without this required form. Note: a separate Standard Form 330 is not required of each Sub-Consultant. The Proposer is responsible for filling out this form and including the sub-consultant information in the corresponding areas. PAGE # 49
- 7) Minimum Qualification Requirements: submit detailed verifiable information affirmatively documenting compliance with the Minimum Qualifications Requirements shown in Section 3. PAGE # 51
- 8) Indicate whether the Proposer is a State of Florida and/or County Certified Small Business or Minority Business Enterprise. If so, indicate the certifying organization or jurisdiction and include a copy of the certification with your submittal. PAGE # 52
- 9) Fill out Employer E-Verify Affidavit. PAGE # 53
- 10) Fill out Lobbyist Registration & Oral Registration Forms PAGE# 54

SUBMITTAL - SECTION II: EXPERIENCE AND QUALIFICATIONS**(i) FOR PROPOSER**

- 1) Provide a complete history and description of your company, including, but not limited to: the number of years in business, size, number of employees, office location where work is to be performed, copy of applicable licenses/certifications, credentials, capabilities and capacity to effectively meet the City's needs, relevant experience and proven track record of providing the scope of services as identified in this solicitation to public sector agencies. PAGE # 60
- 2) Provide a statement detailing Proposer's familiarity with permitting agencies and permitting procedures, especially in Miami-Dade County. PAGE # 62
- 3) Describe the Proposer's expertise and experience in working with other disciplines, including coordination with other design professionals and sub-consultants. PAGE # 64
- 4) Describe the Proposer's expertise and experience working with Envision and LEED Certifications. PAGE # 66

(ii) FOR KEY PERSONNEL

- 1) *Utilizing Standard Form SF330, Part I – Section E.*, provide a summary of qualifications, copy of applicable licenses/certifications, and experience, relevant to the scope of work, for all proposed key personnel (including sub-consultants). Include resumes (listing experience, education, licenses/certifications) for your proposed key personnel and specify the role and responsibilities of each team member in providing the services outlined in the RFQ. Provide an organizational chart of all key personnel that will be used. PAGE # 89

SUBMITTAL – SECTION III: PROJECT UNDERSTANDING, PROPOSED APPROACH, AND METHODOLOGY

- 1) Describe in detail, your approach and methodology to perform the services solicited herein., Include detailed information, as applicable, which addresses, but need not be limited to: Proposer's understanding of the RFQ scope and requirements, strategies for assuring assigned work is completed on time, innovative interaction and communication with the community, City staff, and multiple stakeholders. PAGE # 140
- 2) Provide the recent, current, and projected workload of the Proposer and key personnel that will be assigned to the City. Explain how this potential contract will fit into the Proposer's workload. PAGE # 146

The detailed list should include at a minimum the following:

- a. The company/agency
 - b. Dates of services
 - c. Name/Contract # of the project
 - d. Scope
- 3) Describe the Proposer's ability to positively and innovatively move a project from the conceptual stage to a clearly defined project that may be designed and constructed, while minimizing the impact on the community. PAGE # 151
- 4) Describe the Proposer's ability to provide schedule control, cost control, and quality control for the services requested herein. Provide specific examples of similar initiatives that the Proposer has successfully undertaken with other public entities that were completed on-time and within budget. PAGE # 152
- 5) Describe Proposer's ability to successfully deliver similar projects that have significant community and business involvement. PAGE # 154
- 6) Describe the Proposer's ability to work with other consultants designated by the City. PAGE # 156
- 7) Explain how Proposer has complied with the public policies of the Federal Government. These include amongst other things, past and current compliance with:
- a. Equal opportunity and nondiscrimination laws as required in 41 CF.R. Part 60-1.4(b).
 - b. Affirmative steps described in 2 CFR S 200.321(b) for all sub-contracting under contracts supported by FEMA financial assistance. Document Proposer's efforts to utilize M/WBE forms, including what firms were solicited as suppliers and/or subcontractors. PAGE # 157

SUBMITTAL – SECTION IV: PAST PERFORMANCE AND REFERENCES

- 1) Using the required Attachment D - Reference Form, provide a minimum of five (5) references for which Proposer has performed similar scope of services in the last five (5) years. **DO NOT include work/services performed for the City of Coral Gables or City employees as reference (City related experience will be outlined in the request below).** PAGE # 159
- 2) Utilizing Standard Form SF330, Part I – Section F, provide detailed information on five (5) of the Proposer’s most recent and relevant projects similar in scope and nature to the services described in the solicitation. Under sub-section 23 – “Project Owner’s Information” of Standard Form SF330, include an e-mail address for the “Point of Contact”. **Note: Do not include work/services performed for the City of Coral Gables or City employees as references.** PAGE # 162
- 3) List all contracts which the Proposer has performed (past and present) for the City of Coral Gables. The City will review all contracts the Proposer has performed for the City in accordance with Section 4.10 Evaluation of Responses (c) (4) which states the City may consider “Proposer’s unsatisfactory performance record, judged from the standpoint of conduct of work, workmanship, progress or standards of performance agreed upon in the Contract as substantiated by past or current work with the City”. PAGE # 180

As such the Proposer must list and describe all work performed for Coral Gables and include for each project:

- a. Name of the City Department for which the services are being performed,
 - b. Scope/description of work,
 - c. Awarded value of the contract/current value
 - d. Effective dates and term of the contract
 - e. City project manager’s name and phone number,
 - f. Statement of whether the Proposer was the prime contractor or subcontractor, and
 - g. Results of the project.
- 4) Provide a list with contact information of public sector clients, if any, that have discontinued use of Proposer’s services within the past two (2) years and indicate the reasons for the same. The City reserves the right to contact any reference as part of the evaluation process. PAGE # 181
 - a. Please identify each incident within the last five (5) years where (a) a civil, criminal, administrative, other similar proceeding was filed or is pending, if such proceeding arises from or is a dispute concerning the Proposer’s rights, remedies, or duties under a contract for the same or similar type services to be provided under this RFQ (See Affidavit D). PAGE # 181

SUBMITTAL – SECTION V: AGREEMENT COMMENTS/ EXCEPTIONS

- 1) Please follow the instructions as outlined in Section 1.6 Agreement Execution. The acceptance of or any exceptions taken to the terms and conditions of the City’s Agreement shall be considered a part of a Proposer’s submittal and will be considered by the Evaluation Committee.

-- NOTICE --

BEFORE SUBMITTING YOUR RFQ RESPONSE MAKE SURE YOU:

1. Carefully read and have a clear understanding of the RFQ, including the Scope of Services and enclosed Professional Services Agreement (*draft*).
2. Carefully follow the Submission Requirements outlined in Section 6 of the RFQ.

- 3. **Prepare and submit ONE (1) ORIGINAL RESPONSE electronically via INFOR.**
- 4. **Make sure your Response is submitted prior to the submittal deadline. Late responses will not be accepted.**

FAILURE TO SUBMIT THIS CHECKLIST AND THE REQUESTED DOCUMENTATION MAY RENDER YOUR RESPONSE SUBMITTAL NON-RESPONSIVE AND CONSTITUTE GROUNDS FOR REJECTION. THIS PAGE IS TO BE RETURNED WITH YOUR RESPONSE PACKAGE.

RESPONDENT’S AFFIDAVIT

SOLICITATION: RFQ 2024-023 Civil & Environmental Engineering Services

SUBMITTED TO: City of Coral Gables
Procurement Division
2800 SW 72 Avenue
Miami, Florida 33155

The undersigned acknowledges and understands the information contained in response to this solicitation and the referenced Schedules A through M shall be relied upon by Owner awarding the contract and such information is warranted by Respondent to be true and correct. The discovery of any omission or misstatements that materially affects the Respondent’s ability to perform under the contract shall be cause for the City to reject the solicitation submittal, and if necessary, terminate the award and/or contract. I further certify that the undersigned name(s) and official signatures of those persons are authorized as (*Owner, Partner, Officer, Representative or Agent of the respondent that has submitted the attached solicitation response*). Schedules A through M are subject to Local, State and Federal laws (as applicable); both criminal and civil.

- SCHEDULE A – STATEMENT OF CERTIFICATION
- SCHEDULE B – NON-COLLUSION AND CONTINGENT FEE AFFIDAVIT
- SCHEDULE C – DRUG-FREE STATEMENT
- SCHEDULE D – RESPONDENT’S QUALIFICATION STATEMENT
- SCHEDULE E – CODE OF ETHICS, CONFLICT OF INTEREST, AND CONE OF SILENCE
- SCHEDULE F – AMERICANS WITH DISABILITIES ACT (ADA)
- SCHEDULE G – PUBLIC ENTITY CRIMES
- SCHEDULE H – ACKNOWLEDGEMENT OF ADDENDA
- SCHEDULE I – APPENDIX A, 44 C.F.R. PART 18-CERTIFICATION REGARDING LOBBYING
- SCHEDULE J –CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION
- SCHEDULE K – FEDERAL GRANT FUNDING SPECIAL PROPOSAL CONDITIONS
- SCHEDULE L – WORK HOURS & SAFETY CERTIFICATION
- SCHEDULE M – SAFETY ACCIDENT PREVENTION

This affidavit is to be furnished to the City of Coral Gables with the solicitation response. It is to be filled in, executed by the respondent and notarized. If the response is made by a Corporation, then it should be executed by its Chief Officer. This document MUST be submitted with the solicitation response.

Pete Hernandez

Authorized Name and Signature

Principal-in-Charge /
Authorized Signatory

Title

9/13/2024

Date

SCHEDULE "A" - CITY OF CORAL GABLES – STATEMENT OF CERTIFICATION

Neither I, nor the company, hereby represent has:

- a. employed or retained for a commission, percentage brokerage, contingent fee, or other consideration, any company or person (other than a bona fide employee working solely for me or the respondent) to solicit or secure this contract.
- b. agreed, as an express or implied condition for obtaining this contract, to employ or retain the services of any company or person in connection with carrying out the contract, or
- c. paid, or agreed to pay, to any company, organization or person (other than a bona fide employee working solely for me or the respondent) any fee, contribution, donation or consideration of any kind for, or in connection with, procuring or carrying out the contract except as here expressly stated (if any):

SCHEDULE "B" - CITY OF CORAL GABLES - NON-COLLUSION AND CONTINGENT FEE AFFIDAVIT

- 1. He/she is the Representative and Authorized Signatory
(Owner, Partner, Officer, Representative or Agent)

of the Respondent that has submitted the attached response.

- 2. He/she is fully informed with respect to the preparation and contents of the attached response and of all pertinent circumstances respecting such response;
- 3. Said response is made without any connection or common interest in the profits with any other persons making any response to this solicitation. Said response is on our part in all respects fair and without collusion or fraud. No head of any department, any employee or any officer of the City of Coral Gables is directly or indirectly interested therein. If any relatives of Respondent's officers or employees are employed by the City, indicate name and relationship below.

Name: N/A Relationship: _____

Name: _____ Relationship: _____

- 4. No lobbyist or other Respondent is to be paid on a contingent or percentage fee basis in connection with the award of this Contract.

SCHEDULE "C" CITY OF CORAL GABLES - VENDOR DRUG-FREE STATEMENT

Vendors must submit a certification with their bid/proposal certifying they have a drug- free workplace in as follows:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under solicitation a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under solicitation, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section. As the person authorized to sign the statement, I certify that this form complies fully with the above requirements.

SCHEDULE "D" CITY OF CORAL GABLES – RESPONDENT’S QUALIFICATION STATEMENT

The undersigned declares the truth and correctness of all statements and all answers to questions made hereinafter:

GENERAL COMPANY INFORMATION:

Company Name: AECOM Technical Services, Inc.

Address: 2 Alhambra Plaza, Suite 900 Coral Gables FL 33134
Street City State Zip Code

Telephone No: (305) 444-4691 Fax No: (305) 447-3580 Email: pedro.hernandez@aecom.com

How many years has your company been in business under its present name? 16 Years

If Respondent is operating under Fictitious Name, submit evidence of compliance with Florida Fictitious Name Statue:

N/A
Earth Tech, Inc., The Earth Technology Corporation,

Under what former names has your company operated? : ERTEC Western, Inc., and Fugro U.S., Inc.

At what address was that company located? N/A

Is your company certified? Yes X No _____ If Yes, **ATTACH COPY** of Certification.
Is your company licensed? Yes X No _____ If Yes, **ATTACH COPY** of License

Has your company or its senior officers ever declared bankruptcy?
Yes _____ No X If yes, explain: _____

LEGAL INFORMATION:

Please identify each incident **within the last five (5) years** where (a) a civil, criminal, administrative, other similar proceeding was filed or is pending, if such proceeding arises from or is a dispute concerning the Respondent’s rights, remedies or duties under a contract for the same or similar type services to be provided under this solicitation **(A response is required. If applicable please indicate “none” or list specific information related to this question. Please be mindful that responses provided for this question will be independently verified):**

Litigation information has been provided at the end of Section IV.

Has your company ever been debarred or suspended from doing business with any government entity?

Yes _____ No X If Yes, explain _____

State of Florida Department of State

I certify from the records of this office that AECOM TECHNICAL SERVICES, INC. is a California corporation authorized to transact business in the State of Florida, qualified on August 21, 1995.

The document number of this corporation is F95000004014.

I further certify that said corporation has paid all fees due this office through December 31, 2024, that its most recent annual report/uniform business report was filed on February 20, 2024, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Twentieth day of February,
2024*



A handwritten signature in black ink, appearing to be "C. J. Scott", written over a horizontal line.

Secretary of State

Tracking Number: 8808524011CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



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Licensee

Name:	AECOM TECHNICAL SERVICES, INC.	License Number:	8115
Rank:	Registry	License Expiration Date:	
Primary Status:	Current	Original License Date:	01/22/1999

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
46656	Current, Active	CORNISH, KEVIN MICHAEL	Registry	01/29/2016	Professional Engineer	02/28/2025
36973	Current, Active	EVERETT, MARY JANET	Registry		Professional Engineer	02/28/2025
57637	Current, Active	WITMEIER, BENJAMIN JOSEPH	Registry		Professional Engineer	02/28/2025



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Licensee

Name:	AECOM TECHNICAL SERVICES, INC.	License Number:	
Rank:	Architect Business Information	License Expiration Date:	
Primary Status:	Current	Original License Date:	08/06/2003

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
AR99442	Current, Active	DINGES, ERIC THOMAS	Responsible Supervisor	08/19/2021	Architect	02/28/2025
AR99442	Current, Active	DINGES, ERIC THOMAS	Qualifying Architect	07/01/2021	Architect	02/28/2025

Page 1 of 1

[Printer Friendly](#)

[Return to License Details](#)

SCHEDULE "E" CITY OF CORAL GABLES – CODE OF ETHICS, CONFLICT OF INTEREST, AND CONE OF SILENCE

THESE SECTIONS OF THE CITY CODE CAN BE FOUND ON THE CITY'S WEBSITE, UNDER GOVERNMENT, CITY DEPARTMENT, PROCUREMENT, PROCUREMENT CODE (CITY CODE CHAPTER 2 ARTICLE VIII); SEC 2-1023; SEC 2-606; AND SEC 2-1027, RESPECTIVELY.

IT IS HEREBY ACKNOWLEDGED THAT THE ABOVE NOTED SECTIONS OF THE CITY OF CORAL GABLES CITY CODE ARE TO BE ADHERED TO PURSUANT TO THIS SOLICITATION.

SCHEDULE "F" CITY OF CORAL GABLES - AMERICANS WITH DISABILITIES ACT (ADA) DISABILITY NONDISCRIMINATION STATEMENT

I understand that the above named firm, corporation or organization is in compliance with and agreed to continue to comply with, and assure that any sub-contractor, or third party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and service, transportation, communications, access to facilities, renovations, and new construction.

The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 U.S.C. 12101, 12213 and 47 U.S.C. Sections 225 and 661 including Title I, Employment; Title 11, Public Services; Title III, Public Accommodations and Services Operated by Private Entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.

The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Sections 5553.501-553.513, Florida Statutes

The Rehabilitation Act of 1973, 229 U.S.C. Section 794

The Federal Transit Act, as amended, 49 U.S.C. Section 1612

The Fair Housing Act as amended, 42 U.S.C. Section 3601-3631

SCHEDULE "G" CITY OF CORAL GABLES - STATEMENT PURSUANT TO SECTION 287.133 (3) (a), FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

1. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), **Florida Statutes**, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any Proposal or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
2. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), **Florida Statutes**, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

3. I understand that an “affiliate” as defined in Paragraph 287.133(1)(a), **Florida Statutes**, means:
1. A predecessor or successor of a person convicted of a public entity crime; or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term “affiliate” includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm’s length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
4. I understand that a “person” as defined in Paragraph 287.133(1)(e), **Florida Statutes**, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which Proposals or applies to Proposal on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term “person” includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
5. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **[Please indicate which statement below applies.]**

Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list.

[Attach a copy of the final order]

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

SCHEDULE "I" - APPENDIX A, 44 C.F.R. PART 18-CERTIFICATION REGARDING LOBBYING

LOBBYING - 31 U.S.C. 1352, as amended

APPENDIX A, 44 CFR PART 18--CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements
(To be submitted with each bid or offer exceeding \$100,000)

The undersigned [Company] certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form--LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions
3. The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Respondent, AECOM Technical Services, Inc., certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. A 3801, *et seq.*, apply to this certification and disclosure, if any.



Signature of Company's Authorized Official

Pedro Hernandez, Authorized Signatory Name and Title of Company's Authorized Official

9/13/2024 Date

SCHEDULE "J" – CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**Government Debarment & Suspension Instructions**

1. By signing and submitting this form, the prospective lower tier participant is providing the certification set out in accordance with these instructions.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension or debarment.
3. The prospective lower tier participant shall provide immediate written notice to the person(s) to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549, at 2 C.F.R. Parts 180 and 417. You may contact the department or agency to which this proposal is being submitted for assistance in obtaining a copy of those regulations.
5. The prospective lower tier participant agrees by submitting this form that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
6. The prospective lower tier participant further agrees by submitting this form that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the System for Award Management (SAM) database.
8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
9. Except for transactions authorized under paragraph (5) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

**Certification Regarding Debarment, Suspension,
Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions**

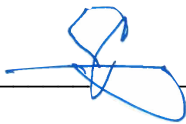
The following statement is made in accordance with the Privacy Act of 1974 (5 U.S.C. § 552(a), as amended). This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, and 2 C.F.R. §§ 180.300, 180.355, Participants' responsibilities. The regulations were amended and published on August 31, 2005, in 70 Fed. Reg. 51865-51880.

[READ INSTRUCTIONS ON PREVIOUS PAGE BEFORE COMPLETING CERTIFICATION]

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency;
2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this solicitation

Pedro Hernandez, Authorized Signatory

Printed Name and Title of Authorized Representative

Signature 

9/13/2024

Date

SCHEDULE "J" – CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**Government Debarment & Suspension Instructions**

1. By signing and submitting this form, the prospective lower tier participant is providing the certification set out in accordance with these instructions.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension or debarment.
3. The prospective lower tier participant shall provide immediate written notice to the person(s) to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549, at 2 C.F.R. Parts 180 and 417. You may contact the department or agency to which this proposal is being submitted for assistance in obtaining a copy of those regulations.
5. The prospective lower tier participant agrees by submitting this form that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
6. The prospective lower tier participant further agrees by submitting this form that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the System for Award Management (SAM) database.
8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
9. Except for transactions authorized under paragraph (5) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

**Certification Regarding Debarment, Suspension,
Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions**

The following statement is made in accordance with the Privacy Act of 1974 (5 U.S.C. § 552(a), as amended). This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, and 2 C.F.R. §§ 180.300, 180.355, Participants' responsibilities. The regulations were amended and published on August 31, 2005, in 70 Fed. Reg. 51865-51880.

[READ INSTRUCTIONS ON PREVIOUS PAGE BEFORE COMPLETING CERTIFICATION]

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency;
2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this solicitation

Vineeta Ram, Executive Vice President

Printed Name and Title of Authorized Representative



Signature

9/10/2024

Date

SCHEDULE "J" – CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**Government Debarment & Suspension Instructions**

1. By signing and submitting this form, the prospective lower tier participant is providing the certification set out in accordance with these instructions.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension or debarment.
3. The prospective lower tier participant shall provide immediate written notice to the person(s) to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549, at 2 C.F.R. Parts 180 and 417. You may contact the department or agency to which this proposal is being submitted for assistance in obtaining a copy of those regulations.
5. The prospective lower tier participant agrees by submitting this form that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
6. The prospective lower tier participant further agrees by submitting this form that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the System for Award Management (SAM) database.
8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
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**Certification Regarding Debarment, Suspension,
Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions**


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[READ INSTRUCTIONS ON PREVIOUS PAGE BEFORE COMPLETING CERTIFICATION]

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency;
2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this solicitation

Oracio Riccobono, P.E. (President)

Printed Name and Title of Authorized Representative



 Signature

9/13/2024

 Date

SCHEDULE "J" – CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**Government Debarment & Suspension Instructions**

1. By signing and submitting this form, the prospective lower tier participant is providing the certification set out in accordance with these instructions.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension or debarment.
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4. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549, at 2 C.F.R. Parts 180 and 417. You may contact the department or agency to which this proposal is being submitted for assistance in obtaining a copy of those regulations.
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6. The prospective lower tier participant further agrees by submitting this form that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
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**Certification Regarding Debarment, Suspension,
Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions**

The following statement is made in accordance with the Privacy Act of 1974 (5 U.S.C. § 552(a), as amended). This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, and 2 C.F.R. §§ 180.300, 180.355, Participants' responsibilities. The regulations were amended and published on August 31, 2005, in 70 Fed. Reg. 51865-51880.

[READ INSTRUCTIONS ON PREVIOUS PAGE BEFORE COMPLETING CERTIFICATION]

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2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this solicitation

Eugene Collings-Bonfill, President

Printed Name and Title of Authorized Representative

Eugene Collings-Bonfill

Signature

9/16/2024

Date

SCHEDULE "J" – CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**Government Debarment & Suspension Instructions**

1. By signing and submitting this form, the prospective lower tier participant is providing the certification set out in accordance with these instructions.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension or debarment.
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**Certification Regarding Debarment, Suspension,
Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions**

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[READ INSTRUCTIONS ON PREVIOUS PAGE BEFORE COMPLETING CERTIFICATION]

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2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this solicitation

Jacqueline Bonfill-Gee, RA, NCARB, President

Printed Name and Title of Authorized Representative

Signature  _____

9/13/2024

Date

SCHEDULE "J" – CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**Government Debarment & Suspension Instructions**

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**Certification Regarding Debarment, Suspension,
Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions**


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[READ INSTRUCTIONS ON PREVIOUS PAGE BEFORE COMPLETING CERTIFICATION]

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2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this solicitation

Erin Fromm

Printed Name and Title of Authorized Representative



Signature

9/13/24

Date

SCHEDULE "J" – CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**Government Debarment & Suspension Instructions**

1. By signing and submitting this form, the prospective lower tier participant is providing the certification set out in accordance with these instructions.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension or debarment.
3. The prospective lower tier participant shall provide immediate written notice to the person(s) to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549, at 2 C.F.R. Parts 180 and 417. You may contact the department or agency to which this proposal is being submitted for assistance in obtaining a copy of those regulations.
5. The prospective lower tier participant agrees by submitting this form that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
6. The prospective lower tier participant further agrees by submitting this form that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
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8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
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**Certification Regarding Debarment, Suspension,
Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions**

The following statement is made in accordance with the Privacy Act of 1974 (5 U.S.C. § 552(a), as amended). This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, and 2 C.F.R.§§ 180.300, 180.355, Participants' responsibilities. The regulations were amended and published on August 31, 2005, in 70 Fed. Reg. 51865-51880.

[READ INSTRUCTIONS ON PREVIOUS PAGE BEFORE COMPLETING CERTIFICATION]

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2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this solicitation

Kenneth W. Hardin, President & CEO

Printed Name and Title of Authorized Representative



Signature

Sept 13, 2024

Date

SCHEDULE "J" – CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**Government Debarment & Suspension Instructions**

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**Certification Regarding Debarment, Suspension,
Ineligibility and Voluntary Exclusion
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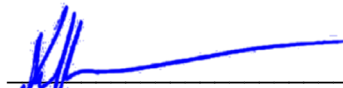
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David M. Chaffman, Director of Sales

Printed Name and Title of Authorized Representative



Signature

09/16/24

Date

SCHEDULE "J" – CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**Government Debarment & Suspension Instructions**

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**Certification Regarding Debarment, Suspension,
Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions**

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Luis J Jurado PE - President

Printed Name and Title of Authorized Representative



Signature

9-13-2024

Date

SCHEDULE "J" – CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**Government Debarment & Suspension Instructions**

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Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions**

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Francisco Reina, President

Printed Name and Title of Authorized Representative

Francisco Reina

Signature

Francisco
Reina, P.E. Digitally signed by
Francisco Reina, P.E.
Date: 2024.09.13
09:38:44 -04'00'

9/13/2024

Date

SCHEDULE "K" FEDERAL GRANT FUNDING SPECIAL PROPOSAL CONDITIONS

This procurement is fully or partially Federally Grant funded. Respondent certifies that it shall comply with the applicable clauses as enumerated below.

1. **Drug Free Workplace Requirements:** Drug-free workplace requirements in accordance with Drug Free Workplace Act of 1988 (Pub I 100-690, Title V, Subtitle D) All proposers entering into Federal funded contracts over \$100,000 must comply with Federal Drug Free workplace requirements as Drug Free Workplace Act of 1988.
2. **Respondent's Compliance:** The respondent shall comply with all uniform administrative requirements, cost principles, and audit requirements for federal awards.
3. **Conflict of Interest:** The respondent must disclose in writing any potential conflict of interest to the city or pass-through entity in accordance with applicable Federal policy.
4. **Mandatory Disclosures:** The respondent must disclose in writing all violations of Federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the Federal award.
5. **Utilization of Minority and Women Firms (M/WBE):** The respondent must take all necessary affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible, in accordance with 2CFR 200.321. If subcontracts are to be let, prime proposer will require compliance by all sub-contractor. Prior to contract award, the respondent shall document efforts to utilize M/WBE firms including what firms were solicited as suppliers and/or subcontractor as applicable and submit this information with their bid submittal. Information regarding certified M/WBE firms can be obtained from:

Florida Department of Management Services (Office of Supplier Diversity)
Florida Department of Transportation
Minority Business Development Center in most large cities and
Local Government M/DBE programs in many large counties and cities
6. **Equal Employment Opportunity/Nondiscrimination:** (As per Executive Order 11246) The respondent may not discriminate against any employee or applicant for employment because of age, race, color, creed, sex, disability or national origin. The respondent agrees to take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their age, race, color, creed, sex, disability or national origin. Such action shall include but not be limited to the following: employment, upgrading, demotion or transfer, recruitment advertising, layoff or termination, rates of pay or other forms of compensation and selection for training including apprenticeship.
7. **Davis-Bacon Act:** If applicable to this contract, the respondent agrees to comply with all provisions of the Davis Bacon Act as amended (40 U.S.C. 3141-3148). Respondents are required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, respondents must be required to pay wages not less than once a week. If the grant award contains Davis Bacon provisions, the City will place a copy of the current prevailing wage determination issued by the Department of Labor in the solicitation document. The decision to award a contract shall be conditioned upon the acceptance of the wage determination.
8. **Copeland Anti Kick Back Act:** If applicable to this contract, respondents shall comply with all the requirements of 18 U.S.C. § 874, 40 U.S.C. § 3145, 29 CFR Part 3 which are incorporated by reference to this contract. Respondents are prohibited from inducing by any means any person employed in the construction, completion or repair of public work to give up any part of the compensation to which he or she is otherwise entitled.

9. **Contract Work Hours and Safety Standards Act** (40 U.S.C. 3701–3708): Where applicable, all contracts awarded in excess of \$100,000 that involve the employment of mechanics or laborers must be in compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each respondent is required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.
10. **Clean Air Act (42 U.S.C. 7401–7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251–1387)**: as amended—The Respondent agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401–7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251–1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).
11. **Debarment and Suspension** (Executive Orders 12549 and 12689): A contract award (see 2 CFR 180.220 and 2 CFR pt. 300) must not be made to parties listed on the government wide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), “Debarment and Suspension. SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549. The respondent shall certify compliance. The respondent further agrees to include a provision requiring such compliance in its lower tier covered transactions and subcontracts.
12. **Byrd Anti-Lobbying Amendment** (31 U.S.C. 1352): Respondents that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award. The respondent shall certify compliance.
13. **Rights to Inventions Made Under a Contract or Agreement**: If the Federal award meets the definition of “funding agreement” under 37 CFR § 401.2 (a) and the recipient or sub-recipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that “funding agreement,” the recipient or sub-recipient must comply with the requirements of 37 CFR Part 401, “Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements,” and any implementing regulations issued by the awarding agency.
14. **Procurement of Recovered Materials**: Respondents must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

15. **Access to Records and Reports:** Respondent will make available to the City's granting agency, the granting agency's Office of Inspector General, the Government Accountability Office, the Comptroller General of the United States, City of Coral Gables, or any of their duly authorized representatives any books, documents, papers or other records, including electronic records, of the proposer that are pertinent to the City's grant award, in order to make audits, investigations, examinations, excerpts, transcripts, and copies of such documents. The right also includes timely and reasonable access to the respondent's personnel during normal business hours for the purpose of interview and discussion related to such documents. This right of access shall continue as long as records are retained.
16. **Record Retention:** Respondent will retain of all required records pertinent to this contract for a period of three years, beginning on a date as described in 2 C.F.R. §200.333 and retained in compliance with 2 C.F.R. §200.333.
17. **Federal Changes:** Respondent shall comply with all applicable Federal agency regulations, policies, procedures and directives, including without limitation those listed directly or by reference, as they may be amended or promulgated from time to time during the term of the contract.
18. **Termination for Default (Breach or Cause):** If a contract is entered into, the Respondent acknowledges that if it fails to perform in the manner called for in the contract, or if the Respondent fails to comply with any other provisions of the contract, the City may terminate the contract for default. Termination shall be effected by serving a notice of termination to the respondent setting forth the manner in which the respondent is in default. The respondent will only be paid the contract price for supplies delivered and accepted, or services performed in accordance with the manner of performance set forth in the contract.
19. **Safeguarding Personal Identifiable Information:** Respondent will take reasonable measures to safeguard protected personally identifiable information and other information designated as sensitive by the awarding agency or is considered sensitive consistent with applicable Federal, state and/or local laws regarding privacy and obligations of confidentiality.
20. **Prohibition on utilization of cost plus a percentage of cost contracts:** The City will not award contracts containing Federal funding on a cost plus percentage of cost basis.
21. **Energy Policy and Conservation Act (43 U.S.C. §6201):** All contracts except micro-purchases (\$3000 or less, except for construction contracts over \$2000). Contracts shall comply with mandatory standards and policies relating to energy efficiency, stating in the state energy conservation plan issued in compliance with the Energy Policy and Conservation act. (Pub. L. 94-163, 89 Stat. 871) [53 FR 8078, 8087, Mar. 11, 1988, as amended at 60 FR 19639, 19645, Apr. 19, 1995].
22. **Domestic Preference:** As appropriate and to the extent consistent with law, the Contractor should, in accordance with Section 2-699 of the City Code and 2 C.F.R. § 200.322 under Title 2 of the Code of Federal Regulations, to the greatest extent practicable under a Federal award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). For purposes of this section:
 - a. "Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.
 - b. "Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

23. **Telecommunications Equipment or Services:** It is prohibited, as described in section 889(b)(1) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (FY 2019 NDAA)1 and 2 C.F.R. § 200.216.2, for any FEMA award funds to be used in the procurement, the entering into or extending or renewing of a contract for the purpose of obtaining any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system. For purposes of this section:

- a. Covered telecommunications equipment or services means—
 - i. Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation, (or any subsidiary or affiliate of such entities);
 - ii. For the purpose of public safety, security of Government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities);
 - iii. Telecommunications or video surveillance services provided by such entities or using such equipment; or
 - iv. Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

24. **Contract with the Enemy:** In accordance with 2 C.F.R. 200.215, it is acknowledged that no services under this contract are to be performed outside the United states and its territories nor in support of a contingency operation in which members of the Armed Forces are actively engaged in hostilities.

As the person authorized to sign this statement, I certify that this company complies/will comply fully with the above applicable requirements and all applicable Federal law, regulations, executive orders, FEMA policies, procedures, and directives.”

I further acknowledgement that FEMA financial assistance will be used to fund all or a portion of the contract and that any subcontractor utilized will also be required to comply with the requirements above.

DATE: 9/13/2024

SIGNATURE:  _____

COMPANY: AECOM Technical Services, Inc.

NAME: Pedro Hernandez

ADDRESS: 2 Alhambra Plaza, Suite 900
Cape Coral, FL 33134

TITLE: Authorized Signatory

E-MAIL: pedro.hernandez@aecom.com

PHONE NO. 305.444.4691

**SCHEDULE "L" - CONTRACTOR CERTIFICATION WORK HOURS AND SAFETY STANDARDS
ADDENDUM**

This certification is incorporated as part of the contract for **RFQ No. 2024-023**.

The Contractor acknowledges and certifies that in accordance with the mandatory requirement that this provision be set forth in all FEMA related contracts, that it shall comply with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5).

Under 40 U.S.C. s. 3702, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week.

The requirements of 40 U.S.C. s. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchase of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

More particularly, as set forth in 29 CFR s.5.5(b) which provides the required contract clauses:

(1) *Overtime requirements.* No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

(2) *Violation; liability for unpaid wages; liquidated damages.* In the event of any violation of the clause set forth in paragraph (b)(1) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (b)(1) of this section, in the sum of \$25 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b)(1) of this section.

(3) *Withholding for unpaid wages and liquidated damages.* The (write in the name of the Federal agency or the loan or grant recipient) shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.

(4) *Subcontracts.* The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraphs (1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1) through (4) of this section.

AECOM Technical Services, Inc., hereby certifies that it shall adhere to the Work Hours and Safety Standards regulations throughout the duration of this Contract as set forth above.

Contractor Signature

Date: 9/13/2024

SCHEDULE "M" – SAFETY ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.
2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Construction Work Hours and Safety Standards Act (40 U.S.C. 3704).
3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standard Act (40 U.S.C. 3704).

AECOM Technical Services, Inc., hereby certifies that it shall adhere to the Safety Accident Prevention regulations throughout the duration of this Contract as set forth above.

Contractor Signature

Date: 9/13/2024

ARCHITECT-ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

Civil & Environmental Engineering Services (Coral Gables, Florida)

2. PUBLIC NOTICE DATE

August 8, 2024

3. SOLICITATION OR PROJECT NUMBER

2024-023

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Magdala Cayemitte, PE, CDT - Contract Manager

5. NAME OF FIRM

AECOM Technical Services, Inc.

6. TELEPHONE NUMBER

(305) 342-7649

7. FAX NUMBER

(305) 447-3580

8. E-MAIL ADDRESS

magdala.cayemitte@aecom.com

C. PROPOSED TEAM

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	JV PARTNER	SUBCONTRACTOR			
A.	<input checked="" type="checkbox"/>			AECOM Technical Services, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	2 Alhambra Plaza, Suite 900 Coral Gables, FL 33134	Prime Consultant
B.			<input checked="" type="checkbox"/>	Air, Water & Soil Engineering, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	7765 Lake Worth Road, #350 Lake Worth, FL 33467	Soil/Groundwater Remediation Services Subconsultant
C.			<input checked="" type="checkbox"/>	Cobb, Fendley and Associates <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1414 NW 107th Ave Miami, FL 33172	Engineering Support Subconsultant
D.			<input checked="" type="checkbox"/>	Delta Consultants <input type="checkbox"/> CHECK IF BRANCH OFFICE	4841 NW 1 Ave Miami, FL 33127	Water/Wastewater and Civil Engineering Subconsultant
E.			<input checked="" type="checkbox"/>	GEOSOL, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	5795 NW 151 St, Suite A Miami Lakes, FL 33014	Geotechnical Engineering Subconsultant
F.			<input checked="" type="checkbox"/>	Great Minds Engineering (GME) <input type="checkbox"/> CHECK IF BRANCH OFFICE	1717 North Bayshore Dr Miami, FL 33132	Engineering Support Services Subconsultant
G.			<input checked="" type="checkbox"/>	J. Bonfill and Associates <input type="checkbox"/> CHECK IF BRANCH OFFICE	7100 SW 99th Ave, Suite 104 Miami, FL 33173	Surveying Subconsultant
H.			<input checked="" type="checkbox"/>	JAEE Environmental Services <input type="checkbox"/> CHECK IF BRANCH OFFICE	3101 Peachtree Cir Davie, FL 33328	Soil/Groundwater Sampling Subconsultant
I.			<input checked="" type="checkbox"/>	Janus Research <input type="checkbox"/> CHECK IF BRANCH OFFICE	1107 N. Ward St Tampa, FL 33607	Historic Preservation Subconsultant
J.			<input checked="" type="checkbox"/>	Media Relations Group (MRG) <input type="checkbox"/> CHECK IF BRANCH OFFICE	14707 South Dixie Hwy, Suite 404, Miami, FL 33176	Public Relations and Community Engagement Subconsultant

K.		●	Pace Analytical Laboratory	33610 Park Central Blvd. N Pompano Beach, FL 33064	Laboratory Testing Subconsultant
			<input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE		
L.		●	Premiere Design Solutions (PDS)	2050 Coral Way, Suite 505 Miami, FL 33145	Topographic Surveying and Subsurface Utility Exploration (SUE) Subconsultant
			<input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE		
M.		●	Reina Engineering, LLC	333 SE 2nd Ave, Suite 2000 Miami, FL 33131	Engineering Support Subconsultant
			<input type="checkbox"/> CHECK IF BRANCH OFFICE		

7. Minimum Qualification Requirements

SECTION 3 - MINIMUM QUALIFICATION REQUIREMENTS

Request for Qualifications (RFQ) No. 2024-023

The following represent the minimum qualification requirements for a Proposer to be deemed responsive by the City, and Proposer shall satisfy each of the following minimum requirements cited below. Each of these minimum qualifications must be addressed in detail in its submittal to determine Proposer's responsiveness. Failure to meet each of the following qualification requirements, and/or failure to provide sufficient detail and/or documentation in its submittal to determine responsiveness by the City, will result in the submittal being deemed non-responsive.

Minimum Qualifications:

(A) PROPOSER SHALL:

Using Attachment D – Reference Form and Standard Form (SF) 330, Demonstrate Items 1 And 2 Below:

- (1) Be regularly engaged in the business of providing goods and/or services similar in scope and size as described in the "**Scope of Services**" for a minimum of five (5) years. Bidder's ability to demonstrate the minimum of five (5) years shall be verified through bidder's references provided.

AND

- (2) Provide a **minimum** of five (5) similar engagements satisfactorily performed in the last five (5) years. **All references must outline the specific dates when the service(s) were provided and cover the full minimum number of years of experience as stated above.**

At least one (1) of the references' start date **must** cover the five (5) year period from the issuance date of this solicitation.

- (3) Be licensed, registered and practicing in the State of Florida as an engineering firm, with a valid "Certificate of Authorization" pursuant to Section 471.023, Florida Statute. Complete the Standard Form 330 Architect-Engineer Qualifications Form

(B) KEY PERSONNEL

- (1) The Proposer's Project Manager must be a licensed Professional Engineer in the State of Florida, with a minimum of five (5) years of documented experience as a Professional Engineer. Experience must include services similar in scope provided to government agencies at the municipal/local government level or higher.
 - a. The years of experience for the Project Manager must include at least two (2) years of engineering experience in Miami-Dade County, providing the services identified under the work categories in Section 2 of this RFQ.
- (2) The Proposer's Engineers must have a minimum of five (5) years of documented experience. Experience must include services similar in scope provided to government agencies at the municipal/local government level or higher.

8. Certified SBE/MBE

AECOM is not a minority owned firm. However, at AECOM we are committed to the spirit and intent of utilizing local, well qualified, strategically selected Minority Business Enterprise (MBE) subconsultants to meet the goals and objectives of every project. Our commitment to small, minority and women owned business enterprises is demonstrated by our small business awards below.

<p>AECOM's Small Business Awards - Past 10 Years 2013-2024</p>	 <p>Top Military Friendly® Supplier Diversity Program Award 2015-2024</p>	 <p>Society of Military Engineers Small Business Advocate Award 2018, 2022</p>	 <p>Champions of Veteran Enterprise Award 2012-2023</p>
 <p>Best of the Best - Top Supplier Diversity Programs <i>U.S. Veterans Magazine</i> 2016-2022</p>	 <p>SAME Large Business Award for Outstanding SB Subcontracting Performance in Support of DOD Programs 2019</p>	 <p>Outstanding Woman Award Women Builders Council 2019</p>	 <p>Best Corporations for Veteran-Owned Businesses 2017</p>
 <p>DOE Mentor of the Year 2017</p>	 <p>25 Best Corporations for Veteran-Owned Businesses 2015</p>	 <p>WBENC America's Top Corporations for Women's Business Enterprises Award 2014-2015</p>	<p>TOP 30 Champions of Diversity <i>DiversityPlus Magazine</i> 2014</p>
 <p>Top Veteran-Friendly Companies <i>U.S. Veterans Magazine</i> 2014</p>	 <p>GLAACC Small Business Advocate Award 2013</p>	 <p>Five Best Defense Companies for Veteran-Owned Businesses Companies 2013</p>	 <p>DCMA Outstanding Small Business Program Audit Rating 2013</p>



**City of Coral Gables
Finance Department/Procurement Division**

Employer E-Verify Affidavit

By executing this affidavit, the undersigned employer verifies its compliance with F.S. 448.095, stating affirmatively that the individual, firm or corporation has registered with and utilizes the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in F.S. 448.095 which prohibits the employment, contracting or sub-contracting with an unauthorized alien. The undersigned employer further confirms that it has obtained all necessary affidavits from its subcontractors, if applicable, in compliance with F.S. 448.095, and that such affidavits shall be provided to the City upon request. Failure to comply with the requirements of F.S. 448.095 may result in termination of the employer's contract with the City of Coral Gables. Finally, the undersigned employer hereby attests that its federal work authorization user identification number and date of authorization are as follows:

1349701

Federal Work Authorization User Identification Number

June 29, 2011

Date of Authorization

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on 9/13/2024 in Coral Gables (city), FL (state).




Signature of Authorized Officer or Agent

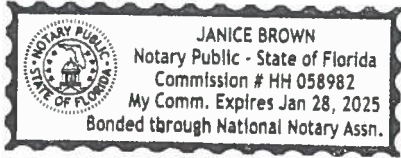
Pedro Hernandez, Authorized Signatory

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE 13 DAY OF September, 2024.



NOTARY PUBLIC
My Commission Expires:
1-28-2025



CITY OF CORAL GABLES
FINANCE DEPARTMENT/PROCUREMENT DIVISION
LOBBYIST REGISTRATION FORM

SOLICITATION NAME/NUMBER: RFQ No. 2024-023, Civil & Environmental Engineering Services

The Bidder/Proposer certifies that it understands if it has retained a lobbyist(s) to lobby in connection with this specific competitive solicitation that each lobbyist retained has timely filed the registration or amended registration required under the City of Coral Gables Lobbyist Registration requirement pursuant to Ordinance 2021-24 as outlined below:

Lobbyist means an individual, firm, corporation, partnership, or other legal entity employed or retained, whether paid or not, by a principal, or that contracts with a third-party for economic consideration to perform lobbying activities on behalf of a principal.

Lobbying activity means any attempt to influence or encourage the passage or defeat of, or modification to, governmental actions, including, but not limited to, ordinances, resolutions, rules, regulations, executive orders, and procurement actions or decisions of the city commission, the mayor, any city board or committee, or any city personnel. The term "lobbying activity" encompasses all forms of communication, whether oral, written, or electronic, during the entire decision-making process on actions, decisions, or recommendations which foreseeably will be heard or reviewed by city personnel. This definition shall be subject to the exceptions stated below.

Procurement matter means the city's processes for the purchase of goods and services, including, but not limited to, processes related to the acquisition of: technology; public works; design services; construction, professional architecture, engineering, landscape architecture, land surveying, and mapping services; the purchase, lease or sale of real property; and the acquisition, granting, or other interest in real property.

City personnel means those city officials, officers and employees who are entrusted with the day-to-day policy setting, operation, and management of certain defined city functions or areas of responsibility, even though ultimate responsibility for such functions or areas rests with the city commission, with the exception of the City Attorney, Deputy City Attorney, and Assistant City Attorneys, advisory personnel (members of city advisory boards and agencies whose sole or primary responsibility is to recommend legislation or give advice to the city commission); and any employee of a city department or division with the authority to participate in procurement matters, when the communication involves such procurement.

Affidavit requirement. The following provisions shall apply to certain individuals who, in procurement matters participate in oral presentations or recorded negotiation meetings and sessions:

- a. The principal shall list on an affidavit form, provided by the City, all technical experts or employees of the principal whose normal scope of employment does not include lobbying activities and whose sole participation in the city procurement matter involves an appearance and participation in a city procurement matter involves an appearance and participation in an oral presentation before a city certification, evaluation, selection, technical review or similar committee, or recorded negotiation meetings or sessions.
- b. No person shall appear before any procurement committee or at any procurement negotiation meeting or session on behalf of a principal unless he/she has been listed as part of the principal's presentation or negotiation team or has registered as a lobbyist. For purposes of this subsection only, the listed members of the oral presentation or negotiation team shall not be required to separately register as lobbyists or pay any registration fees. The affidavit will be filed by the city procurement staff with the city clerk at the after the proposal is submitted or prior to the recorded negotiation meeting or session. Notwithstanding the foregoing, any person who engages in lobbying activities in addition to appearing before a procurement committee to make an oral presentation, or at a recorded procurement negotiation meeting or session, shall comply with all lobbyist registration requirements.

The Bidder/Proposer hereby certifies that: (select one)

It has not retained a lobbyist(s) to lobby in connection with this competitive solicitation; however, if one is retained anytime during the competitive process and prior to contract execution for this project, the lobbyist will properly register with the City Clerk's Office within two (2) business days of being retained with copy to the city procurement staff.

It has retained a lobbyist(s) to lobby in connection with this competitive solicitation and certified that each lobbyist retained has timely filed the registration or amended registration required under the City of Coral Gables

CITY OF CORAL GABLES
FINANCE DEPARTMENT/PROCUREMENT DIVISION
LOBBYIST REGISTRATION FORM

Lobbyist Registration requirement pursuant to Ordinance 2021-24 Section and that the required affidavit has been properly filed


It is a requirement of this solicitation that the following information be provided for all lobbyists retained to lobby in connection with this solicitation be listed below:

Name of Lobbyist: Magdala Cayemitte, PE, CDT
Lobbyist's Firm (if applicable): AECOM Technical Services, Inc.
Phone: 305.342.7649
E-mail: magdala.cayemitte@aecom.com

Name of Lobbyist: _____
Lobbyist's Firm (if applicable): _____
Phone: _____
E-mail: _____

Name of Lobbyist: _____
Lobbyist's Firm (if applicable): _____
Phone: _____
E-mail: _____

Name of Lobbyist: _____
Lobbyist's Firm (if applicable): _____
Phone: _____
E-mail: _____

Authorized Signature:  _____
Printed Name: Pedro Hernandez
Date: 9/13/2024
Title: Authorized Signatory
Bidder/Proposer Name: AECOM Technical Services, Inc.

LOBBYIST AFFIDAVIT

Solicitation Name/Number: RFQ No. 2024-023, Civil & Environmental Engineering Services

The following provisions shall apply to certain individuals who, in procurement matters participate in oral presentations or recorded responsiveness, responsibility or negotiation meetings and sessions:

- a. The principal shall list below all technical experts or employees of the principal whose normal scope of employment does not include lobbying activities and whose sole participation in the city procurement matter involves an appearance and participation in an oral presentation before an evaluation, selection, technical review or similar committee, or recorded responsiveness, responsibility or negotiation meetings or sessions.
- b. No person shall appear before any procurement committee or at any procurement responsiveness, responsibility or negotiation meeting or session on behalf of a principal unless he/she has been listed as part of the principal’s team pursuant to this affidavit or has registered as a lobbyist. For purposes affidavit only, the listed members of the oral presentation or negotiation team shall not be required to separately register as lobbyists or pay any registration fees.

This affidavit will be provided by the city procurement staff to the city clerk after the proposal is submitted or prior to the oral presentation. Any changes after the original affidavit is submitted by the proposer and prior to the oral presentations, an updated copy shall be presented to the Procurement Division and the City Clerk at least twenty-four (24) hours prior scheduled time for the oral presentation session. Notwithstanding the foregoing, any person who engages in lobbying activities in addition to appearing before a procurement committee to make an oral presentation, or at a recorded procurement negotiation meeting or session, shall comply with all lobbyist registration requirements.

List of employees & technical experts:

NAME TITLE ROLE COMPANY/FIRM

Magdala Cayemitte	Water/Wastewater Project Manager	Contract Manager	AECOM Technical Services, Inc.
Erik Alcantara	Client Service Manager/Sr. PM	Deputy Contract Manager	AECOM Technical Services, Inc.
Pete Hernandez	Business Development Sr. Manager	Principal-in-Charge	AECOM Technical Services, Inc.
Erica Harris	Climate Resilience Market Lead	Climate Resilience & Vulnerability	AECOM Technical Services, Inc.
Erik Boyer	Project Manager V	Planning and Civil Eng. Lead	AECOM Technical Services, Inc.
Bozho Handjiev	Civil Manager	Water & Sanitary Sewer Lead	AECOM Technical Services, Inc.
Evelio Chavez	South Florida Transportation Director	Paving & Drainage Assessment Lead	AECOM Technical Services, Inc.
Vik Kamath	Environment Department Manager	Env. Eng. & Hazard Mitigation Lead	AECOM Technical Services, Inc.
Reshma Thummadi	Civil Engineer V	Water & Sewer System Modeling	AECOM Technical Services, Inc.
Roger Williams	AVP, Program Management Sr. Manager	Technical Advisor	AECOM Technical Services, Inc.
Genevieve Cave-Hunt	AVP	Envision	AECOM Technical Services, Inc.
Alicia Gonzalez	Client Community Manager	Community Engagement Manager	Media Relations Group (MRG)
Amy Streehman	Sr. Architectural Historian	Historic Preservation	Janus Research

CITY OF CORAL GABLES
FINANCE DEPARTMENT/PROCUREMENT DIVISION

LOBBYIST AFFIDAVIT

I do solemnly swear that all of the foregoing information is true and correct and I will fully comply with requirements of this affidavit and the associated City of Coral Gables Lobbyist Registration requirement pursuant to Ordinance 2021-24 Section.

Authorized Signature: [Signature]

Printed Name: Pedro Hernandez Title: Authorized Signatory

Date: 9/13/2024

Bidder/Proposer's Name: AECOM Technical Services, Inc.

NOTARY PUBLIC

STATE OF FLORIDA

COUNTY OF MIAMI-DADE

On this 13 day of September, 2024, before me the undersigned Notary Public of the State of FLORIDA, personally appeared Pedro G. Hernandez (Name(s) of individual(s) who appeared before Notary

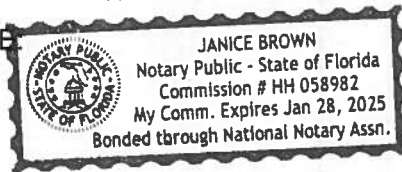
And whose name(s) is/are subscribes to within the instrument(s), and acknowledges it's execution.

Janice Brown

NOTARY PUBLIC, STATE OF FLORIDA

JANICE BROWN (Name of notary Public; Print, Stamp or Type as Commissioned.)

SEAL OF OFFICE



Personally know to me, or Produced Identification:

(Type of Identification Produced)



ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

2024-023

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME AECOM Technical Services, Inc.			3. YR ESTABLISHED 1970	4. UNIQUE ENTITY IDENTIFIER 003184462 (ATS HQ DUNS) EPUXNLX5EYC4 (Unique Entity Number)	
2b. STREET 2 Alhambra Plaza, Suite 900			5. OWNERSHIP		
2c. CITY Coral Gables			2d. STATE FL	a. TYPE Corporation	
			2e. ZIP CODE 33134	b. SMALL BUSINESS STATUS Large	
6a. POINT OF CONTACT NAME AND TITLE Pete Hernandez, Business Development Senior Manager			7. NAME OF FIRM (If block 2a is a branch office) AECOM Technical Services, Inc.		
6b. TELEPHONE NUMBER 305.444.4691		6c. E-MAIL ADDRESS pedro.hernandez@aecom.com			
8a. FORMER FIRM NAME(S) (If any) No firm name changes during the last six years			8b YR. ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM GLOBAL #s	(2) BRANCH OFFICE #s			
02	Administrative	1,310	2	A05/A06	Airports; Terminals and Hangars; Lighting; Fueling	10
06	Architect	1,420	11	C15	Construction Management	10
07	Biologist	225	4	C18	Cost Estimating; Cost Eng. & Analysis	6
08	CADD Technician	2,236	3	D01/D02	Dams (Earth; Rock); Dikes; Levees	10
12	Civil Engineer	7,256	9	D04	Design-Build – Preparation of RFPs	8
15	Construction Inspector	977	3	E02	Educational Facilities; Classrooms	10
16	Construction Manager	991	12	E07	Energy Conservation; New Energy Sources	9
18	Cost Engineer/Estimator	947	2	E09	Env. Impact Studies, Assessments or Statements	10
19	Ecologist	358	2	E12	Environmental Remediation	10
21	Electrical Engineer	1,864	4	G01	Garages; Vehicle Maint. Facilities; Parking Decks	6
23	Environmental Engineer	1,124	4	G04	GIS: Development, Analysis, & Data Conversion	8
24	Environmental Scientist	1,898	8	H01	Harbors; Jetties; Piers; Ship Terminal Facilities	7
39	Landscape Architect	545	1	H07	Highways; Streets; Airfield Paving; Parking Lots	10
47	Planner: Urban/Regional	783	3	H09	Hospital; Medical Facilities	9
48	Project Manager [subset of other disciplines]	[7,539]	[20]	M05	Military Design Standards	7
53	Scheduler	86	1	O01	Office Buildings; Industrial Parks	9
57	Structural Engineer	2,206	4	P05/P06	Planning (Community, etc.; Site, Installation & Project)	10
58	Technician/Analyst	2,457	3	P12	Power Generator; Transmission	10
60	Transportation Engineer	1,203	5	R06	Rehabilitation (Buildings; Structures; Facilities)	8
62	Water Resources Engineer	523	2	S04	Sewage Collection, Treatment and Disposal	10
	Other technical staff	21,195	25	S05	Soils & Geologic Studies; Foundations	7
				S09	Structural Design; Special Structures	7
				S10	Surveying; Platting; Mapping; Flood Plain Studies	7
				S13	Storm Water Handling & Facilities	7
				T03	Traffic & Transportation Engineering	10
				W02/W03	Water Resources; Water Supply Treatment/Distribution	10
	Total	49,604	108			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	10	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	10	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	10	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE	
The foregoing is a statement of facts.	
a. SIGNATURE 	b. DATE 01 January 2024
c. NAME AND TITLE Mark Handley, PE, Senior Vice President, National Governments	

SECTION II

Experience and Qualifications

Experience and Qualifications of the Company

AECOM Overview

AECOM is the world’s trusted infrastructure consulting firm, delivering professional services throughout the project lifecycle – from advisory, planning, design and engineering to program and construction management. On projects spanning transportation, buildings, water, new energy, and the environment, our public- and private-sector clients trust us to solve their most complex challenges. Our teams are driven by a common purpose to deliver a better world through our unrivaled technical and digital expertise, a culture of equity, diversity and inclusion, and a commitment to environmental, social and governance priorities.

AECOM is currently one of the largest full-service engineering firms in Florida and in Miami-Dade County. Our expertise spans across multiple disciplines, including transportation, civil, water, and environmental engineering. The AECOM multi-disciplinary teams collaborate seamlessly to deliver projects that exceed expectations. By leveraging our cutting-edge technologies and experience, we will deliver on the City's projects, whether they involve transportation infrastructure, water management, or environmental stewardship.

AECOM by the Numbers

Presence in Florida through our legacy firms since

1957

50,000

Global Staff

7

AECOM offices in Florida

Incorporated in

1970

1,100+

Florida Staff

Head Florida Office in

Coral Gables

How We Deliver

What sets us apart is our collaborative way of working globally and delivering locally. Together, our teams of engineers, planners, construction managers, architects, landscape architects, environmental specialists, economists, scientists and program managers are dedicated to finding the best solutions to address our clients’ problems. Our integrated services for total project delivery cover everything from initial environmental planning studies to detailed design and construction, construction management, program management, design-build delivery and operations and maintenance training.

 **TOP 500 ENR2024 WATER**

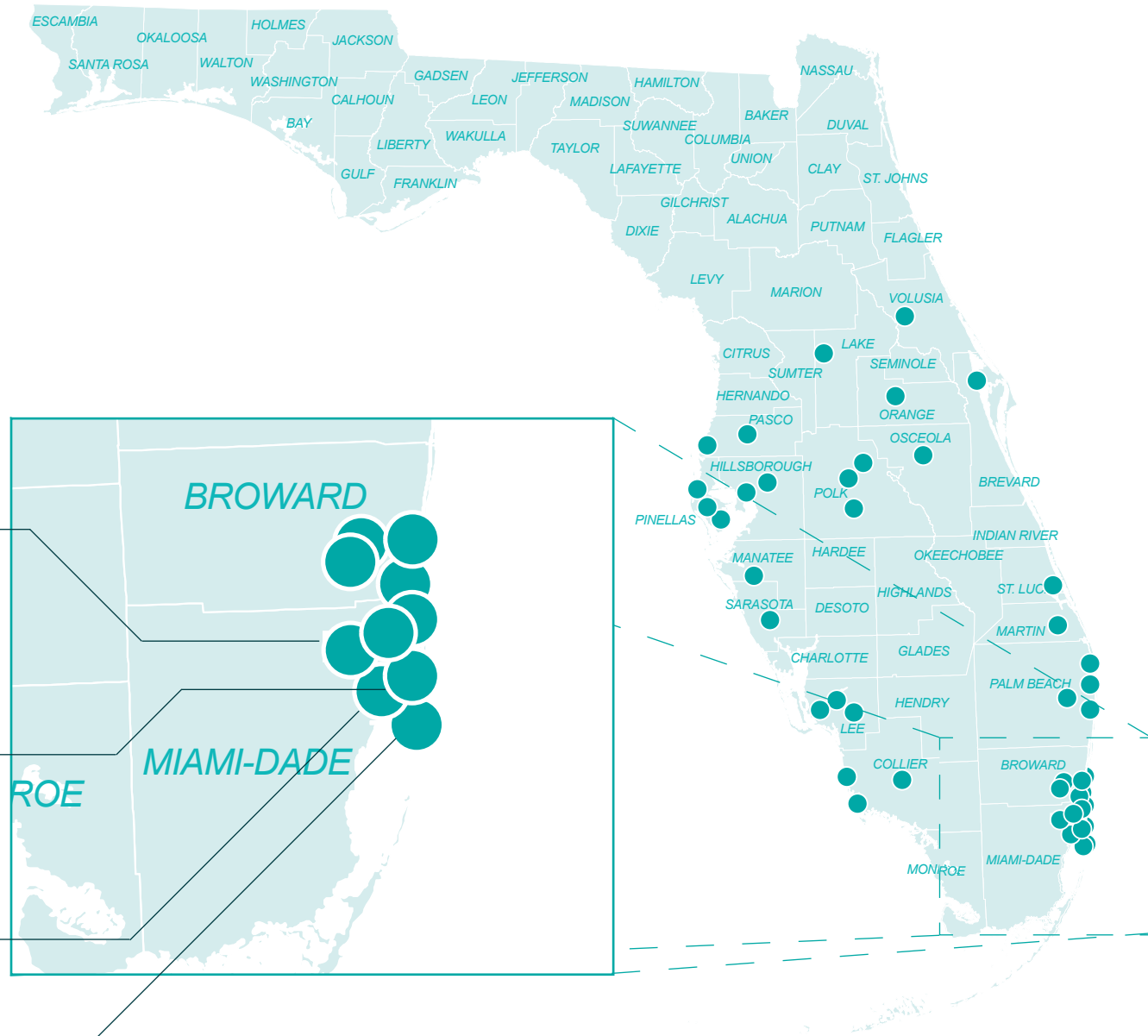
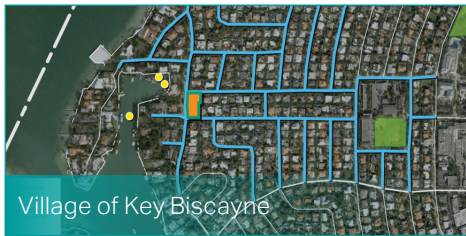
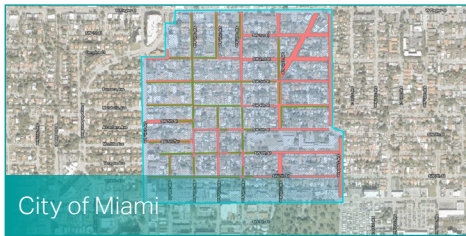
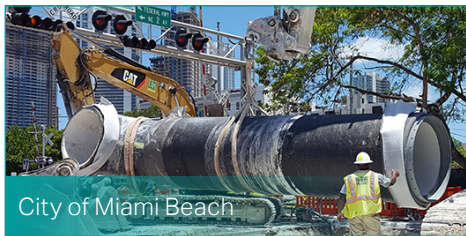
 **TOP 500 ENR2024 TRANSPORTATION**

 **TOP 500 ENR2024 GENERAL BUILDING**

 **OVERALL ENR2024 TOP DESIGN FIRM**

Our Proven Track Record

AECOM holds several continuing services contracts for a host of government clients in the State of Florida, showcasing our extensive expertise and commitment to water, environmental, transportation, and general civil engineering projects. Each dot on the map represents a client with whom AECOM has provided infrastructure planning, design and construction management services. These projects demonstrate our ability to deliver innovative solutions and maintain high standards of quality and efficiency.



AECOM's Familiarity with Permitting Agencies and Procedures

AECOM has extensive experience and familiarity with permitting agencies and procedures, particularly within Miami-Dade County and the City of Coral Gables. Our deep understanding of the local, state, and federal permitting and approval processes enables us to seamlessly integrate these factors into project planning and scheduling. We are well-versed in navigating the intricate regulatory landscape for water and transportation projects with environmental components, which is critical to ensuring project success from inception to completion.

Water and Environmental Permitting Expertise

For water and environmental projects, AECOM's expertise includes securing permits from key regulatory agencies such as the Florida Department of Environmental Protection (FDEP), South Florida Water Management District (SFWMD), and the Miami-Dade County Department of Regulatory and Economic Resources (MD-RER). Our experience spans obtaining Environmental Resource Permits (ERP) for stormwater retrofit activities and managing compliance with National Pollutant Discharge Elimination System (NPDES) permits for construction activities, which are required for any project disturbing over an acre of land or connecting to surface waters. In Miami-Dade County, we are adept at obtaining Class VI Permits for projects in areas with potential contamination and managing pollution remediation in accordance with county and state regulations. Our team's ability to anticipate and address permitting requirements early in the project's design process facilitates expedited acquisition of necessary permits and supports full regulatory compliance throughout the project lifecycle.

Transportation Permitting Expertise

In transportation projects, AECOM has substantial experience coordinating with the Florida Department of Transportation (FDOT), Miami-Dade County Department of Transportation and Public Works (DTPW), and local agencies for right-of-way permits, maintenance of traffic (MOT) plans, and roadway construction permits. We understand the unique permitting requirements for projects within FDOT, SFWMD, and county rights-of-way, including the need for specific approvals for design, traffic signal modifications, and utility relocations. Our familiarity with the permitting processes for these agencies allows us to streamline project execution and mitigate potential delays.

History with Permitting

Our experience in Florida and the U.S. dates back nearly 100 years. Our work regularly requires that we coordinate with and receive regulatory approval (including permitting) for the modification and design of new infrastructure. We maintain strong relationships with local (Florida Department of Health in Miami-Dade, the Miami-Dade Building Department), state (FDEP, SFWMD) and national (USACE, USEPA) regulatory agencies. We understand these agencies' requirements and have demonstrated our ability to collaborate with those agencies to expedite the permitting process to successfully permit water projects for the City.

We have experience with Environmental Resource Permitting and Consumptive Use Permitting (CUP) and water supply wells and aquifer storage and recovery wells with SFWMD; Underground Injection Control (UIC) and water facility permitting with FDEP; transportation, stormwater and site development permitting with the County; and Section 404 permitting with the U.S. Army Corps of Engineers. Whatever your permitting needs, we have the ability to successfully address those needs.

We are actively engaged with AWWA, USEPA and FDEP helping to represent the interests of the regulated community during development and implementation of SDWA regulations. We have developed state and federal guidance for compliance with requirements of the Safe Drinking Water Act (SDWA) and have co-authored a number of AWWA management standards. Our collective experience in all of these areas of regulatory development make us ideally suited to help WASD develop cost-effective long-term strategies to comply with current and future (e.g., PFAS) requirements of the SDWA.

Local Permitting in the City of Coral Gables and Miami-Dade County

In the City of Coral Gables and Miami-Dade County, AECOM's approach to permitting is characterized by proactive engagement and collaboration with local permitting, inspection departments, regulatory agencies, and the public. Our project managers maintain direct communication with plans reviewers and inspectors, ensuring any issues are promptly addressed and resolved. For projects within the City of Coral Gables, our team is well-versed in local regulations, including historic preservation requirements and tree removal permits, as recognized by the City. Our ability to navigate these specific local requirements, coupled with our strong relationships with city and county officials, enables us to effectively manage the permitting process, reducing project timelines and ensuring regulatory compliance.

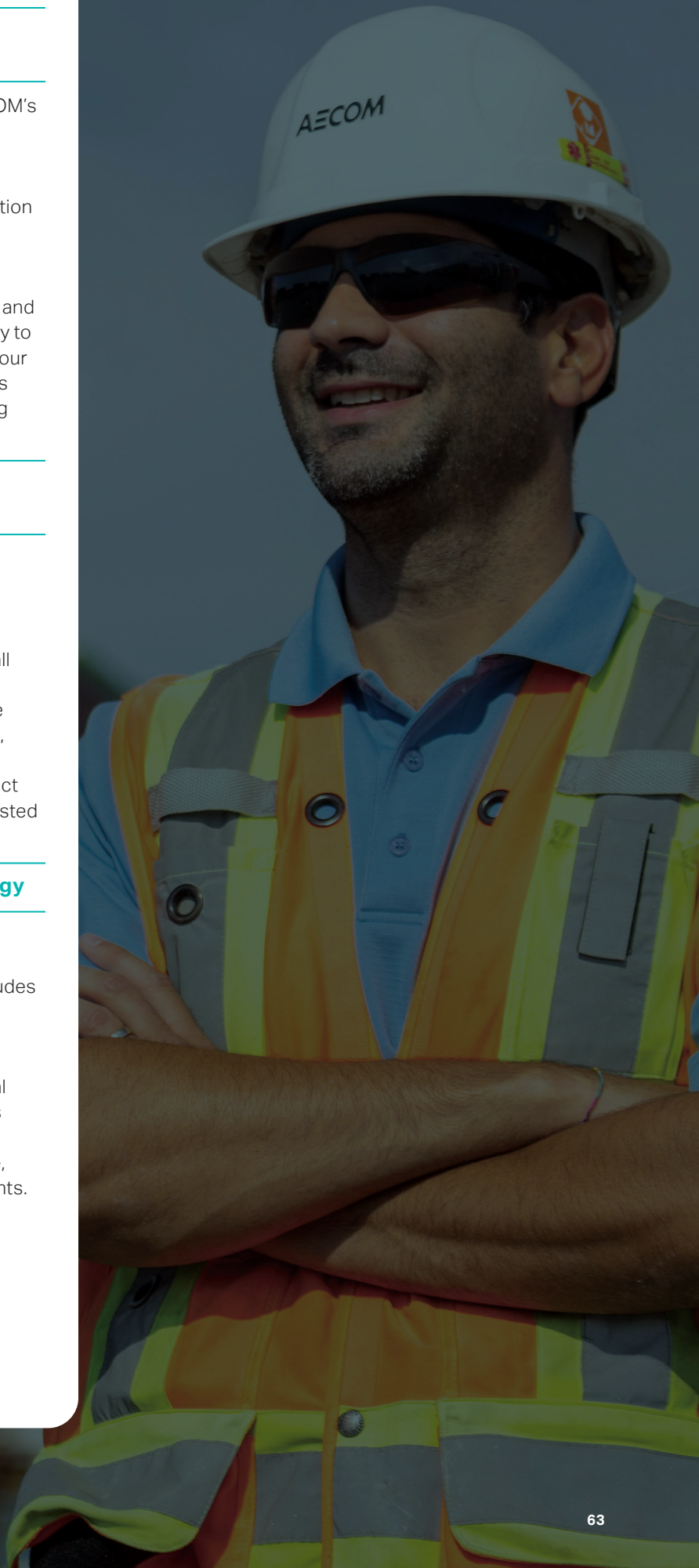
Streamlined Permitting Process and Strong Agency Relationships

AECOM's streamlined permitting process involves establishing clear protocols for permit applications and inspections, with a dedicated team member assigned to handle permits full-time. This individual focuses on the timely submission of applications and the acquisition of all necessary approvals, leveraging our strong professional relationships with local agencies such as the Miami-Dade Water and Sewer Department (MDWASD), FDEP, MD-RER, USACE, and USEPA. Our familiarity with these agencies' specific requirements and our history of successful project delivery in Miami-Dade County positions AECOM as a trusted partner in efficiently managing the permitting process.

Regulatory Negotiations and Compliance Strategy

Our comprehensive understanding of the permitting landscape extends to expert regulatory negotiations throughout the project lifecycle. AECOM's approach includes developing effective permitting strategies, construction schedules, and mitigation plans that expedite permit acquisition and support compliance. We work closely with regulatory agencies to resolve technical and external stakeholder issues, fostering favorable permit conditions while maintaining project schedules. This collaborative approach, combined with our robust regulatory expertise, ensures that we deliver successful outcomes for our clients.

By leveraging our extensive experience and deep familiarity with permitting agencies and procedures in Miami-Dade County and the City of Coral Gables, AECOM effectively navigates the permitting landscape, ensuring that all projects are executed smoothly and in compliance with all applicable regulations.



AECOM's Expertise and Experience with Coordination with Subconsultants and Other Design Professionals

AECOM has a long history of positive collaboration and cross-disciplinary partnership and interactions with subconsultant firms, other design professionals and contractors.

Our team excels at coordinating with other design firms by fostering open communication and collaboration. We prioritize clear and consistent dialogue, ensuring that all parties are aligned on project goals and timelines. By leveraging our diverse expertise and respecting the unique strengths of each firm, we create a synergistic environment where innovative ideas can flourish. Our commitment to flexibility and adaptability allows us to seamlessly integrate different design philosophies, resulting in cohesive and impactful projects. This collaborative approach not only enhances the quality of our work but also builds strong, lasting partnerships within the design community.

Our Subconsultants

The AECOM team understands the City is looking for a qualified and experienced firm that will pledge its commitment, develop lasting relationships, and supply high-caliber personnel to successfully provide general engineering and architectural consulting services. Our proposed staff is highly qualified and committed to the City. We are eager to provide services on this very important contract and have teamed with the sub-consultants identified below.



Cobb, Fendley and Associates, Inc. (Cobb Fendley)

Cobb Fendley, founded on April 1, 1980, is a local, regional and nationally top-ranked firm providing infrastructure consulting services, including professional civil engineering and land surveying services. Their staff of 700+ employees bring an unmatched level of expertise and experience, and is committed to serving the communities where we live and work. Cobb Fendley's diverse team of professionals is comprised of engineers, designers, surveyors, right-of-way (ROW) agents, utility specialists, technicians, and support personnel. *They will provide general engineering services for this contract.*



Delta Consultants, LLC (Delta)

Delta is a Miami-Dade headquartered civil engineering firm that takes pride in being a small business enterprise (SBE), 100% minority owned, and 100% woman owned (WBE Certified). Their highly skilled professional staff are not only proficient project managers but also technical subject matter experts who are experienced in the design, permitting, and construction of water, wastewater, stormwater, roadway, and site civil projects. Their team's primary focus is on the seamless execution and delivery of major public infrastructure projects, ensuring that they add value to their clients at every stage. *Delta will provide civil engineering support for this contract.*



Geosol, Inc. (GEOSOL)

Geosol is a Miami-Dade County certified SBE that was established in the year 2000. The firm has grown to 15 employees and provides geotechnical engineering and testing services, including subsurface exploration studies, laboratory testing, engineering, consulting and design of foundation systems. The firm has a reputation for providing high quality, creative and cost-effective geotechnical engineering solutions primarily for clients in the public sector. Geosol has become very actively involved in the public service arena and is already participating as a Soils, Foundations and Materials Testing sub-consultant for various South Florida municipalities (such as City of Coral Gables, City of Miami, City of Miami Beach, etc.) including Miami-Dade County agencies (WASD, DTPW, Aviation, Transit, DERM, and Housing), FDOT and Tri-County Commuter Rail Authority. Geosol engineers have over 100 years of combined geotechnical engineering experience and knowledge of the local ground conditions. *They will be providing geotechnical engineering services for this contract.*



Great Minds Engineering (GME)

GME is a dynamic civil engineering firm established in 2021. Based in Miami, the company is led by Eugene Collings-Bonfill, PE, who brings a

wealth of experience and expertise in civil engineering design and construction. Eugene provides 26 years of experience encompassing surveying, engineering, and construction. He served as the Assistant Director of Public Works in the City of Doral and understands the intricacies associated with both the public and private sectors. **GME will be providing engineering support services for this contract.**



J. Bonfill and Associates (JBA)

JBA is a land surveying company based in Miami, FL that specializes in providing a wide range of surveying services to support public sector projects. JBA's expertise includes boundary surveys,

topographic surveys, construction staking, and land development planning. **They will be providing surveying services for this contract.**



JAEE Environmental Services (JAEE)

JAEE is a corporation that was established in 1991. They are located in Davie,

FL and specialize in environmental drilling using direct push technology, soil and groundwater sampling, and well installations and abandonments. Their experience includes work on FDOT sites and Gannett Fleming over the last 20 years. **JAEE will provide soil and groundwater sampling services on this contract.**



Janus Research

Janus Research is a leading Cultural Resources Management (CRM) firm in Florida, renowned for

its expertise in navigating federal and state regulations and developing creative mitigation strategies. With over 44 years in business, the firm is known for its strong relationships with key regulatory bodies and its reputation for leadership and professional innovation. **They will provide historic preservation services for this contract.**



Media Relations Group, LLC

Media Relations Group (MRG)

MRG specializes in public and private sector involvement campaigns. The company serves as a spokesperson for clients and provides media relations services in both English and Spanish. For 23 years, MRG has established a proven record of developing and executing successful Public

Involvement Programs (PIP) and Community Awareness Plans (CAP) for the Miami-Dade Water and Sewer Department, Miami-Dade County Public Works Department, FDOT, specifically in District Six design projects, as well as Miami-Dade Expressway Authority and numerous municipalities. They are ready and willing to serve the City of Coral Gables with the same level of excellence as their services provided to Miami-Dade County. **MRG will provide public relations and community engagement services for this contract.**



Pace Analytical Laboratory (Pace)

Pace is a testing laboratory with locations in Pompano Beach and Miami Lakes providing wet chemistry and microbiological parameters, as well as field sampling. They have 146 personnel firm-wide. **Pace will provide local laboratory testing services.**



Premiere Design Solutions, Inc. (PDS)

PDS is a local minority firm, established in Florida on June 19, 2007, with headquarters in Broward County in the City of Miramar, and offices in the City of Miami, FL. PDS is licensed, insured, and certified to do business in the State of Florida, providing Professional Engineering, Surveying, and Construction Administration Services having qualifications and technical categories of work pre-approved by Miami-Dade County, Broward County and FDOT. **They will provide topographic survey services for this contract.**



Reina Engineering (Reina)

Reina Engineering, a leading civil engineering consulting firm based in South Florida, is dedicated to delivering exceptional engineering solutions with a commitment to quality, innovation, and client satisfaction. As a growing firm, they recognize the importance of diversity and inclusion in the industry. To further their commitment, Reina Engineering has obtained several Disadvantaged Business Enterprise (DBE), Minority Business Enterprise (MBE), and Women Business Enterprise (WBE) certifications. These certifications not only reflect their dedication to excellence and diversity but also enable them to better serve their clients and community across a wide range of projects. **Reina Engineering will provide general engineering services for this contract.**

AECOM's Expertise and Experience Working with Envision and LEED Certifications

At AECOM, we are committed to sustainability and environmental stewardship through our extensive experience with Envision™ and LEED certifications. Our approach to sustainable design and high-performance buildings is holistic, starting from policy development for compliance with relevant state and local regulations. We collaborate with clients to define strategic sustainability policies and set challenging yet achievable objectives that integrate building fabric, material, and engineering design. Our LEED consultancy services, or tailor-made sustainability programs, mean that projects meet their environmental goals throughout the design and construction phases.

As a Platinum LEED Proven Provider with the US Green Building Council, we have successfully managed numerous projects that achieve various levels of LEED certification, including Platinum, Gold, and Silver.



Our projects, such as the ones listed below, exemplify our commitment to sustainable design and operational excellence.

- AECOM led Miami-Dade County (MDC) to receive its first Envision Silver award in 2020 for the DTPW Tamiami Station Park and Ride/Bus Terminal project which was also the first project in Miami-Dade County to earn Silver Level Certification in Envision; AECOM was the design team
- AECOM is providing DTPW with Sustainability Oversight on Envision certification for the following projects:

Project	Level Achieved	Description
MDC-DTPW Dolphin Station Park & Ride	Bronze	Took the project from a Verified Level of achievement to Bronze Level of achievement (HNTB was the designer and we coached them to getting Bronze)
MDC-DTPW South Dade Transit Operations Center	Silver being pursued	Currently working with design team (Parsons) to achieve Gold or Platinum certification
MDC-DTPW South Corridor Bus Rapid Transit	Gold	Took the project from a Silver Level of achievement to Gold Level of achievement (Parsons was the designer and we wrote up additional documentation to get Gold)
MDC-MDPROS Ludlam Trail Bridges	Silver	Performed initial assessment to get Silver
MDC-DTPW Dadeland South Intermodal Station	Silver	Performed initial assessment to get Silver
MDC-DTPW Downtown Intermodal Terminal	Silver	Performing initial assessment to get Silver

Letters of Commitment

In the following section, our identified subconsultants have provided letters of commitment to confirm their willingness and capacity to participate in the project and on the AECOM team. These letters outline their roles and responsibilities and show their availability and commitment to AECOM and the City.

Letters of Commitment

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AECOM
Attn: Magdala Cayemitte
Contract Manager
2 Alhambra Plaza, Suite 900
Coral Gables, Florida 33134

RE: Letter of Commitment // RFQ No. 2024-023 // Civil & Environmental Engineering Services

Dear Ms. Cayemitte,

Cobb, Fendley & Associates, Inc. (CobbFendley) is pleased to team with AECOM to provide engineering support services for the City of Coral Gables' RFQ 2024-023 for Civil and Environmental Engineering Services. We are committed to delivering quality deliverables and services, as well as achieving project success through this partnership. All services provided by CobbFendley will be performed from our Miami, Florida office with support from our corporate headquarters in Houston, Texas.

We are familiar with the procedures, specifications, and standards for City of Coral Gables projects and are committed to performing the work in a timely and cost-efficient manner.

CobbFendley looks forward to working with you on this project and supporting the mission of the City of Coral Gables. Should you have any other questions or concerns, please contact me by phone at 713.462.3242, or via email at vram@cobbfendley.com.

Sincerely

A handwritten signature in blue ink that reads "Vineeta Ram".

Vineeta Ram, PE | Exective Vice President



Delta Consultants, LLC
4841 NW 1 Ave.
Miami Fl. 33127

August 27, 2024

AECOM
Attn: Magdala Cayemitte
Contract Manager
2 Alhambra Plaza
Coral Gables, FL 33134

RE: Letter of Commitment // RFQ No. 2024-023 // Civil & Environmental Engineering Services

Dear Ms. Cayemitte,

Delta Consultants LLC is pleased to team with AECOM to provide Engineering Design and Construction services for the City of Coral Gables' RFQ 2024-023 for Civil and Environmental Engineering Services. We are committed to delivering quality deliverables and services, as well as achieving project success through this partnership.

We are familiar with the procedures, specifications, and standards for City of Coral Gables projects and are committed to performing the work in a timely and cost-efficient manner.

Delta Consultants LLC looks forward to working with you on this project and supporting the mission of the City of Coral Gables. Should you have any other questions or concerns, please contact me by phone at 305-240-9932 or via email at mariana@deltaconsultants.net

Sincerely,

A handwritten signature in blue ink, appearing to read "ME", with a stylized flourish extending from the end.

Mariana Evora
Principal
305-240-9932
mariana@deltaconsultants.net
www.deltaconsultants.net



September 9, 2024

AECOM

**RE: City of Coral Gables
Civil & Environmental Engineering Services**

Dear Contract Specialists:

JAEE Environmental Services, Inc hereby commits to participate as subcontractor to the AECOM team for the above project. JAEE Environmental Services, Inc will provide well drilling/soil/groundwater sampling for select items for this project and commits to the availability of personnel when needed. JAEE Environmental Services, Inc grants permission for AECOM to reference our firm's qualifications and past performance information within this response.

Sincerely,

A handwritten signature in black ink, appearing to read "Erin Fromm", is written over a horizontal line.

Erin Fromm

Vice President

JAEE Environmental Services, Inc

954-663-1085 erin@jaeeenv.com

AECOM
Attn: Magdala Cayemitte
Contract Manager
2 Alhambra Plaza
Coral Gables, FL 33134

RE: Letter of Commitment // RFQ No. 2024-023 // Civil & Environmental Engineering Services

Dear Ms. Cayemitte,

Janus Research is pleased to team with AECOM to provide CRM services for the City of Coral Gables' RFQ 2024-023 for Civil and Environmental Engineering Services. We are committed to delivering quality deliverables and services, as well as achieving project success through this partnership.

We are familiar with the procedures, specifications, and standards for City of Coral Gables projects and are committed to performing the work in a timely and cost-efficient manner.

Janus Research looks forward to working with you on this project and supporting the mission of the City of Coral Gables. Should you have any other questions or concerns, please contact me by phone at (813) 636-8200, or via email at ken_hardin@janus-research.com.

Sincerely,



Kenneth Hardin | President | (813) 636-8200 | ken_hardin@janus-research.com



LETTER OF COMMITMENT


Magdala Cayemitte
Contract Manager
2 Alhambra Plaza, Suite 900
Coral Gables, FL 33134

Ref: RFQ No. 2024-023 Civil & Environmental Engineering Services for the City of Coral Gables.

Dear Ms. Cayemitte,

I am writing on behalf of **Premiere Design Solutions, Inc. (PDS)**, regarding the teaming invite for the reference RFQ 2024-2023- Civil & Environmental Engineering Services for the City of Coral Gables. We commit to working with AECOM as a non-exclusive sub-consultant providing topographic survey services.

Sincerely,



Luis J. Jurado
President



Letter of Commitment

Reina Engineering
333 SE 2nd Ave Suite 2000
Miami, FL 33131

Subject: Letter of Commitment to AECOM for City of Coral Gables No.2024-23 Civil & Environmental Engineering Services

Dear Members of the Selection Committee,

Reina Engineering is pleased to submit this letter of commitment in response to the City of Coral Gables Request for Qualifications (RFQ) for Civil and Environmental Engineering Services. We are honored to collaborate as a sub-contractor with AECOM, a leading global infrastructure consulting firm, to provide specialized services to the City of Coral Gables.

This partnership combines AECOM's extensive experience in managing large-scale civil engineering projects with Reina Engineering's local expertise and specialized knowledge of water and sanitary sewer systems. Together, we are committed to delivering exceptional engineering solutions that meet the highest standards of quality and reliability.

Commitment to Excellence:

Reina Engineering, in partnership with AECOM, is fully committed to delivering high-quality engineering services that enhance the water and sanitary sewer infrastructure of Coral Gables. Our combined team brings a wealth of knowledge, experience, and a strong commitment to meeting the City's project objectives. We will work diligently to adhere to all project timelines, budgets, and regulatory requirements while prioritizing safety and environmental stewardship.

We are excited about the opportunity to collaborate with AECOM and the City of Coral Gables on this important initiative. Should you have any questions or require additional information, please feel free to contact us. We look forward to a successful partnership and the opportunity to contribute to the City's infrastructure development.

Sincerely,

Francisco Reina

Francisco Reina, P.E.

President

Francisco
Reina, P.E.

Digitally signed by
Francisco Reina, P.E.
Date: 2024.09.13
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Our Expertise and Experience

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Our Expertise and Experience

Planning and Civil Engineering

Capital Improvements

AECOM brings a wealth of experience in managing capital improvement projects across various sectors, including municipal, military, and infrastructure. Our extensive portfolio includes successfully completed projects that demonstrate our ability to deliver strategic capital planning and project implementation tailored to the specific needs of our clients.

For instance, AECOM's leadership in the **Greater Miami and the Beaches Resilient305 Program**



demonstrates our capability to align capital improvement planning with broader sustainability and resilience goals. This initiative included a prioritized list of infrastructure projects aimed at mitigating risks from climate change impacts, such as flooding and sea level rise, which are also pertinent to Coral Gables given its proximity to coastal areas. Our experience in developing and implementing such strategies ensures that investments provide maximum benefit over the long term.

Similarly, our work with the **City of Naples on the Stormwater Master Plan Update and Climate Change Vulnerability Assessment** involved updating critical stormwater infrastructure plans to incorporate future climate conditions, such as sea level rise and increased precipitation events. We developed a series of capital improvement projects that are not only feasible within the current financial and regulatory environment but also forward-looking to enhance long-term community resilience.



City of Naples Stormwater Master Plan Update and Climate Change Vulnerability Assessment

AECOM's capabilities extend to integrating advanced modeling and planning tools into capital improvement planning, as demonstrated in our work for the **City of North Miami**. We provided hydraulic modeling of the potable water distribution and sewer systems, projecting future infrastructure needs up to the year 2045. The insights from these models informed the city's comprehensive plan update, guiding them in prioritizing capital improvement projects that ensure sustainable and efficient service delivery to their growing population.



City of North Miami

In the context of **the City of Coral Gables (the City)**, AECOM's extensive experience working with municipalities across South Florida positions us uniquely to understand the specific challenges and opportunities facing the City. We have a proven track record of delivering tailored capital improvement plans that support the unique character and infrastructure needs of historic communities, similar to Coral Gables. For example, in projects like the **City of Miami Beach Flood Mitigation Consulting and Resilience Planning Services**, we developed strategies to improve urban infrastructure resilience while preserving the aesthetic and cultural heritage of historic properties and districts.



City of Miami Beach Flood Mitigation - Indian Creek

In Coral Gables, we would leverage our experience in historic preservation and community engagement to ensure that any capital improvement projects align with the City's commitment to maintaining its distinctive Mediterranean Revival style and lush, tree-lined streets. Our approach would involve close collaboration with City officials, community stakeholders, and local businesses to develop a Capital Improvement Plan (CIP) that enhances infrastructure reliability and community resilience, while also supporting the City's goals for sustainability and smart growth.

Additionally, AECOM was selected to develop the **MacDill Air Force Base Military Installation Resiliency Review Project**.

In this project, we collaborated with multiple stakeholders, including the US Air Force, City of Tampa, and Hillsborough County, to identify critical infrastructure vulnerabilities and propose targeted capital improvement strategies. Our team performed a comprehensive assessment that encompassed both immediate and long-term needs, enhancing the base's

seamless connections between bus, rail, and pedestrian networks to enhance mobility and accessibility in Downtown Miami. AECOM's design approach prioritized safety, sustainability, and functionality, contributing to a high-quality, transit-oriented community.

For the **City of Coral Gables**, AECOM's design expertise is particularly relevant given our extensive experience in managing infrastructure projects in historic and environmentally sensitive areas. For instance, our work on the **Biltmore Golf Course Maintenance Area and the Coral Gables Country Club Environmental Assessment and Remediation Services** showcases our ability to integrate environmental considerations into design processes. These projects involved comprehensive assessments and remediation to address soil and groundwater contamination, demonstrating AECOM's commitment to sustainable and environmentally responsible design practices.

Incorporating these successful project experiences, AECOM stands ready to deliver innovative, resilient, and sustainable design solutions that align with the City of Coral Gables' goals for infrastructure enhancement, community resilience, and environmental stewardship. Our holistic approach ensures that all aspects of design are considered, from regulatory compliance and environmental sustainability to cost management and risk mitigation, providing the City with a comprehensive solution that meets its current and future needs.

Infrastructure Rehabilitation

AECOM has extensive experience in infrastructure rehabilitation, employing a comprehensive and methodical approach to address various challenges associated with aging infrastructure. Our expertise spans a wide array of rehabilitation techniques, including trenchless technologies, which often prove to be the most advantageous for extending the design life of existing water and wastewater infrastructure. We begin with a thorough condition assessment to understand the structural limits and primary modes of deterioration, which allows us to select the most effective rehabilitation techniques tailored to each project's specific needs.

Our structured, staged condition assessment process identifies performance deficiencies, determines structural requirements, and reviews suitable repair materials and methods. For instance, in our work with **Miami-Dade County Water and Sewer Department's wastewater infrastructure**, AECOM implemented trenchless rehabilitation techniques, such as cured-in-place pipe (CIPP) lining and slip lining, to restore deteriorated pipes without the need for extensive excavation. This meticulous approach helps us provide practical and economical rehabilitation solutions that address issues such as corrosion, structural integrity, and hydraulic capacity. By leveraging our global resources and local knowledge, we deliver consistent quality and value, ensuring the longevity and reliability of rehabilitated infrastructure.

In the City of Coral Gables, AECOM's experience in infrastructure rehabilitation is particularly relevant given the City's need to maintain its historic charm while modernizing its infrastructure. We have worked on projects such as the **Coral Gables Country Club Environmental Assessment and Remediation Services**, where we provided comprehensive remediation and infrastructure rehabilitation services that balanced historical preservation with modern standards for safety and sustainability.

Master Planning

AECOM leverages its expertise in asset management, hydraulic modeling, condition assessments, and design to develop comprehensive master plans. These plans are essential for creating a long-term vision of infrastructure needs, ensuring the delivery of efficient and effective services.

Our approach integrates sustainability, resiliency, accountability, and auditability principles, tailored to the unique needs of each community. We collaborate closely with clients to understand their service standards and requirements, developing master plans that clearly articulate infrastructure needs in a defensible manner. Our master plans are living documents, forming the roadmap for ongoing infrastructure renewal and delivery, supported by our global technical practice network which combines local execution with global expertise.

Our master planning experience is exemplified in the **City of North Miami Infrastructure Study for Comprehensive Plan Update**, where we provided hydraulic modeling and infrastructure assessments that informed the city's comprehensive plan through 2045. By analyzing future infrastructure demands and identifying priority projects, AECOM ensured the development of a strategic, forward-looking plan that addresses both immediate and long-term needs.



Similarly, in the **City of Miami Beach Stormwater Master Plan Update**, AECOM led the development of a city-wide comprehensive stormwater infrastructure improvement program. This involved the master planning of upgraded stormwater systems to manage increased flooding

risks due to sea level rise and storm surge. The master plan included increasing stormwater conveyance capacity with larger diameter pipes, installing new stormwater pumping

stations, and raising roadway elevations to mitigate flooding risks. AECOM’s master planning solutions not only focused on flood mitigation but also incorporated water quality improvements to protect Biscayne Bay’s ecological health. Our thorough modeling and data-driven approach ensured that the proposed master plan was resilient and sustainable, meeting the city’s long-term infrastructure needs.

For the City of Coral Gables, AECOM’s master planning capabilities would focus on preserving the city’s distinctive character while addressing future growth and infrastructure challenges. By collaborating closely with city officials and stakeholders, we would develop a master plan that supports sustainable development, enhances community resilience, and aligns with the city’s long-term vision.

Sidewalk and Street Assessments

AECOM has extensive experience in sidewalk and street assessments, demonstrated through various projects that emphasize safety, connectivity, and compliance with accessibility standards. Our approach to sidewalk and street assessments is data-driven and holistic, focusing on enhancing community well-being, promoting pedestrian safety, and ensuring compliance with relevant standards and regulations.

In projects like the **Ludlam Trail Pedestrian Bridges in Miami**, AECOM designed pedestrian infrastructure that not only enhances safety and connectivity but also integrates seamlessly with the surrounding urban environment. This projects emphasizes our ability to balance functionality with aesthetic considerations, a key requirement for a city like Coral Gables.

For Coral Gables, AECOM would conduct thorough assessments of sidewalks and streets, identifying areas for improvement to enhance pedestrian mobility and safety while preserving the city’s unique streetscape. Our assessments would ensure that all improvements are in line with ADA compliance and the city’s aesthetic standards.

Stakeholder and Community Engagement

AECOM has a robust history of stakeholder and community engagement in Florida, demonstrated through various projects that emphasize collaboration, transparency, and inclusivity. We believe that successful projects are built on a foundation of strong stakeholder relationships and community trust.

One significant project highlighting our engagement capabilities is the **City of Miami Beach Stormwater Master Plan Update**, where AECOM conducted extensive community outreach and stakeholder engagement to gather input on flood mitigation strategies and infrastructure improvements. This engagement ensured that the project met community expectations and gained broad-based support.



WASD GOVERNMENT CUT UTILITY RELOCATIONS

Our Public Relations Lead Alicia Gonzalez, Principal of MRG, led public meetings for the Government Cut projects and has extensive experience on multiple WASD contracts.

MRG’s extensive project experience includes Government Cut Utility Relocations, which was successfully completed on-time and within budget, without interrupting services to the residents in the coastal and northern County areas.

MRG also worked on the WASD Norris Cut Utility Relocation project and, as part of their outreach effort, prepared a project kick-off fact sheet and worked closely with the Department in successfully hosting a Tunnel Boring Machine (TBM) Naming Event on February 27, 2015.



For the City of Coral Gables, AECOM’s approach would involve proactive communication and engagement with residents, local businesses, and community organizations. We would employ innovative engagement strategies, such as interactive workshops, town halls, and surveys, to ensure that the community’s voice is central to the planning and implementation process.

Sustainable Legacies

AECOM integrates sustainability principles into every aspect of our work, guided by our Sustainable Legacies strategy for reaching ambitious objectives across four key pillars: embed sustainable development and resilience across the company’s work, improve social outcomes for communities, achieve net-zero carbon emissions, and enhance governance. This strategy reflects our commitment to creating a world where infrastructure uplifts communities, improves access, and sustains our planet.



Our work on the **Greater Miami and the Beaches Resilient305 Program** demonstrates our dedication to sustainability and resilience. This initiative focused on identifying and implementing infrastructure improvements that enhance resilience against climate change impacts, such as flooding and sea level rise, while promoting social equity and economic growth.

For Coral Gables, AECOM would work with the City's Sustainability Management Plan to preserve the classic heritage of the city while safeguarding the health and prosperity of the city's citizens, employees, businesses, and visitors to allow all projects not only meet current needs but also contribute positively to the community's long-term sustainability and resilience. This approach would include nature-based solutions/green infrastructure, energy-efficient designs, and strategies to enhance social outcomes.

Key Areas of expertise and experience include:

- Improving Social Outcomes
 - Social Equity Assessments: We conduct thorough assessments to make sure that our projects promote social equity.
 - Equity Analytics and Tool Development: We develop tools to analyze and enhance equity in our projects.
 - Stakeholder Engagement: We actively engage with stakeholders to make sure their voices are heard and their needs are met.
- Growing Sustainably
 - Sustainability Certification: We guide projects through sustainability certifications such as LEED, Envision, and SITES.
 - Green & Sustainable Building Guidance and Design: Our designs prioritize sustainability and environmental friendliness.
 - Supply Chain Sustainability: We make sure that our supply chains are sustainable and ethical.
 - Nature-Based Solutions: We implement solutions that leverage natural processes to address challenges.
- Strengthening Climate Resilience
 - Urban Resilience Planning: We develop plans to make urban areas more resilient to climate change.
 - Vulnerability and Risk Assessments: Our assessments identify and mitigate risks associated with climate change.
 - Climate Economics: We analyze the economic impacts of climate change and develop strategies to address them.
 - Embodied Carbon Analytics: We assess and reduce the carbon footprint of our projects
- Achieving Net Zero Emissions
 - Carbon Neutrality/Net Zero Strategy Development: We develop strategies to achieve carbon neutrality and net zero emissions.

- Carbon Economics: Our economic analyses help clients understand the financial implications of carbon reduction.
- Carbon Markets, Offsets, and Credits Evaluation: We evaluate opportunities in carbon markets and offsets.
- Energy Master Planning: We create comprehensive plans to optimize energy use and reduce emissions.

Commitment to Social Value

We believe in investing in local communities to create positive social and economic outcomes. Our first Global Social Value Policy outlines our commitments to delivering positive outcomes through our operations, ensuring that no one is left behind.

Through these initiatives and our ongoing commitment to sustainability principles, AECOM continues to lead in creating sustainable, resilient, and equitable infrastructure solutions.

Water and Sanitary Sewers

AECOM offers extensive expertise in water and sanitary sewer systems, providing comprehensive solutions that address both current and future infrastructure needs. Our work spans the full spectrum of water and wastewater management, from planning and design to construction and maintenance. With a focus on innovation, sustainability, and resilience, AECOM is well-equipped to support the City of Coral Gables in optimizing its water and sanitary sewer systems.

Wastewater Collection and Conveyance

AECOM has provided planning, design and construction phase services for numerous collection systems, countless lift stations and hundreds of miles of wastewater force mains as well as work on piping and pumps within treatment plants. Collection system projects have included gravity, low pressure and vacuum sewers. We have extensive experience with the evaluation of alternatives to convert areas currently served with septic tanks to central sewers.

Our lift station projects range from the smallest of residential stations to large master stations with capacities up to 50 MGD. The lift stations have used submersible pumps as well as the most complicated wet well/dry well configurations with extended motor/pump shafts. These facilities often employ various ancillary equipment such as variable speed drives, odor control, emergency power and SCADA.

Our expertise in gravity sewers includes rehabilitation as an answer to aging and deteriorated pipe sections. AECOM experts have assessed the conditions of hundreds of miles of sewer pipe and, where necessary, produced designs for rehabilitation with approaches such as slip lining, pipe-bursting and cured-in-place "lining". In cases where gravity pipeline is insufficient, our team has considerable experience in designing lift stations to help convey sewage to a treatment facility.

Our team leverages the experience of our AECOM staff members who have planned, modeled, designed and

constructed some of the largest sewer and water pipelines in Miami-Dade County ranging from 36- to 120-inches in diameter and encompassing all pipe materials.



WASD Government Cut and Norris Cut:

AECOM was contracted by WASD to develop the design criteria, technical documents, 30 percent plans, and provide limited construction support services for these two design-build projects.

Signature projects include the following:

- **WASD Government Cut Utilities Replacement** consisted of 1200 LF of 72-inch force main microtunnel with steel casing complete with a 54-inch fiberglass carrier pipe and traversing the Government Cut Channel at a minimum EL (-) 85 ft; and 850 LF of 60-inch water main microtunnel complete with a 20-inch diameter ductile iron main encased in concrete traversing the Fisherman’s Channel at minimum EL (-) 95 ft.
- **WASD Norris Cut Tunnel Boring Replacement** comprised of 5,300 LF of 11-ft tunnel boring with pre-cast concrete segmental liners at minimum EL (-)75 ft, complete with a 60-inch fiberglass carrier pipe fully encased in concrete; 2,700 LF of 60-inch pre-stressed concrete embedded cylinder pipe (PCECP) constructed via open cut methods; and 1,000 LF of minimum 10-inch HDD force main.



- **WASD Miami Avenue 48-inch Force Main** included support and certification services for the design-build project that consists of: 15,000 LF of 48-inch PCCP force main; 7,000 LF of 12-inch water main, and 1,000 LF of 24-inch drainage improvements in the downtown area along Miami Avenue between NE 8th and NE 36th Street.

In Coral Gables, AECOM would apply this extensive experience to optimize the city's wastewater collection and conveyance systems, ensuring reliable, efficient, and sustainable wastewater management that meets both regulatory requirements and community needs.

Water Distribution

AECOM has a robust portfolio in water distribution, showcasing our ability to manage and optimize complex systems for safe and reliable water supply. Our projects span from the rehabilitation of aging infrastructure to the implementation of advanced technologies for water quality management.

Our expertise extends to developing sophisticated hydraulic models that help utilities manage their distribution systems effectively. These models are crucial for performing capacity evaluations, optimizing operations, and ensuring compliance with regulatory standards. In Miami-Dade County, our work involved creating and calibrating hydraulic models for a vast network of over 5,000 miles of pipes, 76,000 valves, and 34,000 hydrants, enabling the county to meet its growing water distribution needs efficiently.

In Coral Gables, AECOM’s approach to water distribution would involve a comprehensive assessment of the existing system, followed by the development of a strategic plan for upgrades and optimizations. Our focus would be on enhancing system reliability, improving water quality, and ensuring sustainable water use, all while maintaining the city's unique aesthetic and historical character.

Pump Stations

AECOM’s technical staff excels in designing pump stations, covering civil, electrical, mechanical, and structural engineering, as well as instrumentation and controls. We have completed hundreds of pump and lift stations across Florida and the U.S., serving wastewater, potable water, and stormwater facilities. Our designs are often tailored to the specific needs of each project, incorporating state-of-the-art technology to ensure reliability, efficiency, and ease of maintenance.

We assess potential locations for new pump stations, often designing them for unattended service with remote alarms in case of emergencies. AECOM provides start-up assistance, operations manuals, and training. Aesthetics and neighborhood harmony



Technical manuals authored by AECOM staff

are key considerations in our designs. Our lift station projects range from small residential stations to large master stations with capacities up to 50 million gallons per day (mgd). We have successfully rehabilitated existing pump stations, addressing capacity, equipment, and instrumentation improvements.

A recent example of our expertise in pump station projects is the **Master Pump Station (MPS) 306 Wastewater Basin Analyses Program** in Collier County, Florida. In

this project, AECOM conducted a comprehensive analysis of 27 County-owned duplex wastewater pump stations, three master pump stations, and the related force main network within the 2-square-mile Basin 306 area. These pump stations had been in operation for over two decades and were subject to a harsh environment, contributing to a reduced service life for system components.



MPS 306 Wastewater Basin Analyses Program:

The pump station improvements included the new MPS 306 in-line booster pump station, upgrades to 27 duplex pump stations, and 13,000 feet of 24 and 30-inch force main.

The project included upgrades to existing master pump stations (MPS 303 and MPS 304) and 27 duplex pump stations, as well as the installation of 13,000 feet of 24- and 30-inch force main, were also included in the project scope.

This comprehensive evaluation and design effort demonstrated AECOM's capability to provide end-to-end services, including planning, modeling, detailed design, permitting, and construction phase services. The project was completed on time and within budget, showcasing AECOM's commitment to excellence and client satisfaction.

In Coral Gables, AECOM's approach would similarly focus on optimizing the performance and reliability of the city's pump stations. Our designs would integrate seamlessly with existing infrastructure while incorporating advanced technologies for energy efficiency, real-time monitoring, and automated control systems. This approach ensures that the pump stations are resilient, cost-effective, and capable of meeting the city's current and future needs. Additionally, we would prioritize aesthetic compatibility and minimal environmental impact, aligning with Coral Gables' commitment to maintaining its unique character and sustainability goals.

Wastewater Planning

AECOM's solid reputation for wastewater planning is built on its record of excellence in managing all aspects of wastewater infrastructure. We offer a variety of planning services, including demographic and land use studies, wastewater flow analyses and forecasts, collection system modeling, environmental assessments, water quality

analyses, and evaluation of wastewater treatment and disposal alternatives. Our planning approach is designed to provide sustainable and cost-effective solutions that meet the unique needs of each community.

A recent project that we are working on is the [City of North Miami Infrastructure Study \(2022\)](#) plays a crucial role in shaping the City's 2045 Comprehensive Plan Update. By conducting hydraulic modeling for both the potable water and sanitary sewer systems, the study makes sure that the recommended infrastructure upgrades align with the City's long-term vision. These models allow us to anticipate future demands, optimize system performance, and make informed decisions. Ultimately, the modeling directly influences the reliability, efficiency, and sustainability of the City's infrastructure, benefiting residents and businesses alike.

For Coral Gables, AECOM would utilize similar hydraulic modeling techniques to assess and enhance the city's water and sewer infrastructure, ensuring that all improvements are data-driven and aligned with the city's long-term vision.

The outcome of this planning effort was a detailed capital improvement program (CIP) tailored to address both immediate and long-term infrastructure needs. The CIP included the design and construction of a new above-grade, in-line booster pump station (MPS 306) capable of handling variable flow conditions, upgrades to existing pump stations, and the installation of new force mains to support the increased capacity requirements. AECOM's comprehensive approach ensured that all proposed improvements were feasible within the county's budget and regulatory constraints, providing a sustainable and resilient wastewater management plan for the future.

For the City of Coral Gables, AECOM would leverage similar methodologies and expertise to develop a robust wastewater management plan that aligns with the city's strategic objectives. By conducting thorough assessments and applying advanced hydraulic modeling techniques, we would provide data-driven recommendations to optimize the city's wastewater infrastructure. Our focus would be on enhancing system performance, ensuring regulatory compliance, and identifying opportunities for water reuse and sustainability, ultimately supporting Coral Gables' long-term vision for growth and environmental stewardship.

Paving and Drainage

AECOM is fully experienced in roadway paving and drainage assessments, as well as the design and implementation of new systems. Our extensive portfolio includes projects that range from minor street enhancements to comprehensive roadway reconstruction, incorporating sustainable practices and advanced engineering solutions.

With extensive staff experience with FDOT, County, and other municipal work, we are skilled with reconstruction, widening, resurfacing, and complete streets types of projects. We have worked with FDOT for over 40 years locally, servicing both Districts 4 and 6 with everything from complex interchange designs to straightforward milling and resurfacing projects.

Similarly, we have worked with multiple municipalities in South Florida including the City of Hialeah, Village of Key Biscayne, City of Doral, City of Miami, City of Miami Beach, and City of Coral Gables to name a few. We are very familiar with AutoCAD, Civil 3D, SS10, and ORD software.

We leverage our deep expertise in pavement management, stormwater management, and integrated transportation planning to deliver projects that improve safety, mobility, and environmental quality for communities.

Roadway Paving Projects

AECOM's experience in roadway paving is exemplified by our work on various high-profile projects across South Florida. For instance, in the **City of Hialeah City Center Master Planning and Design Criteria** project, AECOM provided master planning and design criteria development for the redevelopment of a 50-acre site into a new urban hub. This project required the design of roadways that balanced vehicular and pedestrian traffic, ensuring safety and functionality while integrating sustainable paving materials and techniques. The project included the development of road widening plans, resurfacing, and complete streetscapes that enhance pedestrian and vehicular connectivity, demonstrating AECOM's ability to manage complex paving requirements while maintaining the urban character.

In the **Ludlam Trail Pedestrian Bridges** project, AECOM designed three pedestrian bridges to enhance connectivity along the Ludlam Trail, a critical greenway in Miami-Dade County. While primarily focused on pedestrian infrastructure, this project also included significant paving components to create seamless transitions between the trail, bridges, and existing roadways. The use of context-sensitive design principles ensured that the bridges and adjacent pavements blended harmoniously with the surrounding environment, reflecting AECOM's commitment to aesthetic excellence and functional integration in roadway projects.

Drainage Assessments

AECOM has a strong track record of performing comprehensive drainage assessments and implementing effective drainage solutions to mitigate flood risks and enhance stormwater management. Our expertise in sustainable drainage system design is demonstrated through our work on the **Village of Key Biscayne Zone 1 Resiliency Improvements** project. In this project, AECOM is responsible for designing critical stormwater and roadway infrastructure improvements, including upgraded drainage systems, stormwater pump stations, and streetscape enhancements that integrate green infrastructure elements. These improvements are being designed to increase stormwater capture capacity, enhance water quality, and reduce flooding risks, providing long-term resilience against future climate conditions.

Another notable example is the **City of Miami Beach Stormwater Master Plan Update**, where AECOM developed a comprehensive city-wide stormwater infrastructure improvement program. This project involved upgrading the city's stormwater and roadway systems to manage increased flooding risks due to sea level rise and storm surge. The project included the design of larger diameter pipes, new stormwater pumping stations, and raised roadway elevations to improve drainage efficiency. AECOM's detailed drainage assessments and modeling capabilities ensured that the proposed designs effectively addressed the city's immediate and long-term stormwater management needs, while also considering environmental and regulatory compliance.

AECOM excels in hydraulic modeling, covering surface water quality, quantity, watershed master planning, and site development. With strong hydraulic and water quality modeling capabilities, AECOM leverages software like FLUENT for optimizing reservoir flow patterns. Their experienced staff works with various hydrologic and hydraulic models, including AdICPR, SWMM, HEC-RAS, and more. AECOM's leadership in complex watershed planning and design projects is evident through their application of H&H models for flood protection, ecosystem restoration, and integrated systems.

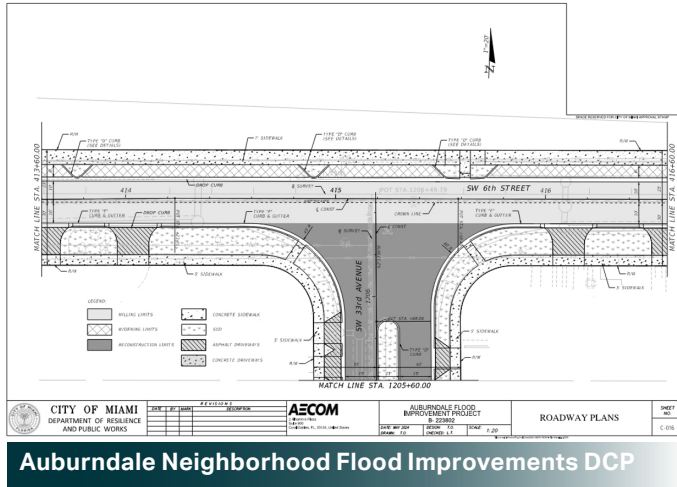
Condition Assessments

Our approach to condition assessments is risk-based and holistic, built on a solid understanding of material science. This enables our clients to make informed decisions at the right time with the appropriate tools and investment levels. Our specialists are globally recognized for their expertise in material degradation and various methods to assess pipeline conditions, from office-based techniques to field assessments using direct and indirect measurements. We play prominent roles in organizations like the National Association of Sewer Service Companies (NASSCO) and the American Water Works Association (AWWA), contributing to the development and dissemination of innovative assessment methods.

New System Design and Implementation

AECOM's capabilities in designing new roadway and drainage systems are further highlighted in our work on the Downtown Intermodal Terminal Design Criteria for Miami-Dade County. This project required the development of a comprehensive design criteria package that provided clear guidance for the construction of new roadways, drainage systems, and transit facilities within a dense urban environment. AECOM's approach involved extensive coordination with multiple stakeholders, including transportation agencies and utility companies, to integrate new infrastructure with existing systems seamlessly. The project emphasized sustainable design practices, including the use of permeable pavements and bioswales to manage stormwater runoff and reduce urban heat island effects.

In the **Auburndale Neighborhood Flood Improvements Design Criteria Package (DCP)**, AECOM was tasked with developing a DCP for roadway and drainage improvements that would support the city’s goals for enhanced mobility and resilience. This project involved designing new roadway alignments, improving existing drainage systems, and implementing erosion and sediment control measures to protect local waterways. AECOM’s holistic approach ensured that all aspects of the design were considered, from traffic flow and pedestrian safety to environmental sustainability and aesthetic value.



Comprehensive Planning and Design

We understand that a well-planned project is crucial for developing highways and roads that meet the needs of travelers. Our program and construction management expertise means that projects meet our clients' cost, schedule, and quality objectives. We are proficient in all areas of the planning process, including land use and master planning, route planning, alternatives analyses, and environmental impact statements. This comprehensive approach allows us to create, rehabilitate, and maintain many of the world’s iconic roadways.

Our highway and roads experience includes:

- **Program Management:** Overseeing the entire project lifecycle for seamless execution.
- **Alternative Delivery:** Including design-build and public-private partnerships.
- **Highway Design and Construction Services:** Providing detailed design and construction oversight.
- **Construction Management and Inspection:** Ensuring quality and adherence to project specifications.
- **Toll and Mobility Solutions:** Designing toll road operations and intelligent transportation systems.
- **Emergency Roadway Fast-Track Design:** Rapid response design services for urgent roadway needs.
- **Environmental and Feasibility Studies:** Conducting thorough analyses to support project planning.

- **Traffic Management and Pavement Analysis:** Ensuring efficient traffic flow and durable road surfaces.
- **Utility Relocation and Streetscape Design:** Integrating utilities and enhancing urban aesthetics.
- **Vulnerability Analysis and Security Systems:** Assessing and mitigating risks to roadway infrastructure.

AECOM's experience in roadway system design is extensive and diverse, covering all aspects from initial planning to final construction. Our integrated and collaborative approach means that we deliver inspired, sustainable solutions that meet the unique challenges of each project. By leveraging our global expertise and local knowledge, we consistently provide high-quality, cost-effective, and innovative roadway designs that enhance transportation infrastructure worldwide.

Maintenance of Traffic

AECOM has extensive experience in the maintenance of traffic (MOT) for various infrastructure projects, ensuring the safe and efficient movement of vehicles and pedestrians through construction zones. Our approach to MOT is comprehensive, integrating planning, design, and implementation to minimize disruptions and enhance safety.

Parking Facilities

AECOM has a robust portfolio in designing parking facilities, leveraging our multidisciplinary expertise to deliver efficient, sustainable, and user-friendly solutions. Our approach integrates advanced planning, innovative design, and cutting-edge technology to meet the unique needs of each project.

Key services in parking facilities include:

- **Comprehensive Planning:** We conduct thorough site assessments and feasibility studies to determine the optimal layout and capacity for parking facilities. This includes traffic flow analysis, pedestrian movement studies, and accessibility considerations for seamless integration with surrounding infrastructure.
- **Innovative Design Solutions:** Our design philosophy emphasizes functionality, safety, and aesthetics. We incorporate features such as automated parking systems, electric vehicle charging stations, and sustainable materials to enhance the user experience and reduce environmental impact.
- **Technology Integration:** AECOM utilizes advanced technologies like Building Information Modeling (BIM) and 3D visualization to optimize space utilization and streamline the design process. These tools allow us to create detailed, accurate models that facilitate better decision-making and coordination among stakeholders.
- **Sustainability and Resilience:** We prioritize sustainable design practices, including the use of green building materials, energy-efficient lighting, and stormwater management systems. Our designs also consider resilience to withstand natural and man-made disasters, ensuring continuous operation and safety.

AECOM's experience in designing parking facilities is characterized by our commitment to innovation, sustainability, and user-centric design.

By leveraging our multidisciplinary expertise and advanced technologies, we deliver parking solutions that are efficient, resilient, and seamlessly integrated into the urban fabric. Our projects demonstrate our ability to meet complex challenges and exceed client expectations, ensuring the successful delivery of high-quality parking facilities.

Adaptation and Resilience Planning

AECOM is a national leader in flood hazard adaptation and resilience planning. Combined with our experience in stormwater modeling, design, and environmental permitting, this makes us an effective partner with the City of Coral Gables to support civil and environmental needs. Our scientists, planners, engineers, and modelers work together to understand the dynamics of complex flood challenges that are being exacerbated by extreme weather and future climate conditions. We also understand that flood hazards often disproportionately affect those less able to cope due to economic, health, or other issues. We have experience considering flood hazard project objectives through a social equity lens to guide prioritization of flood mitigation actions that emphasize social co-benefits.

We are actively working with communities across Florida to develop innovative flood resilience solutions to address these challenges at all aspects of the project life cycle, including planning, design, permitting, and implementation.

For the **City of Miami Beach**, we are leading a sea level rise vulnerability assessment and adaptation plan and an update of their stormwater master plan to understand compound flood risk under existing and future climate conditions. These parallel efforts have also been a source of consistent collaboration between City Departments regarding flood challenges, messaging to the public, and developing comprehensive solutions across the City.

Similarly, we are supporting **the Cities of Miami and Naples** with completing State-compliant flood vulnerability assessments to prioritize infrastructure for potential adaption funding. We continue to support the City of Naples with implementing projects to increase the City's preparedness for climate hazards. The most recent effort includes developing a Business Case for Resilience to assist the City with understanding the economic benefits of adapting infrastructure for future climate conditions. For **PortMiami**, we developed a framework to incorporate flood and sea level rise considerations into existing and future capital projects and policies that will increase the flood resilience of port assets and operations. We also led a **Military Installation Resilience Review for the MacDill Air Force base** to understand the nexus of resilience challenges inside and outside of the fence line and identify potential solutions that provide mutual benefit to MacDill's missions and its host community.

On these and similar projects, we work with stakeholders to couple local knowledge with regional and national expertise to develop relevant and effective solutions that provide long-term resilience considerations.



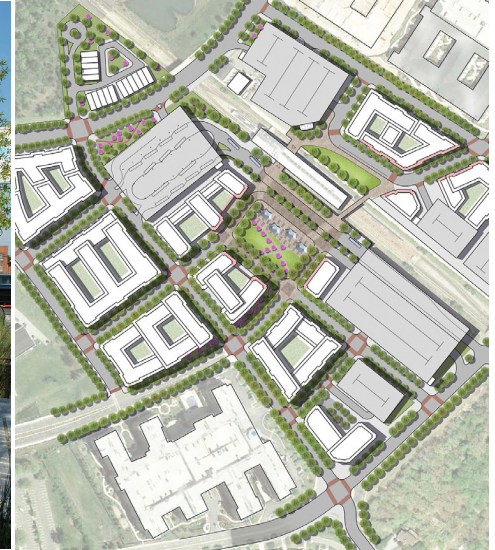
City of Miami Beach sea level rise vulnerability assessment mapping to identify City assets at risk to flooding.



Design and planning of sustainable and resilient landscape architecture and urban design solutions.

Historic Preservation and Land Use Planning

Land use planning at AECOM is a continuum of design vision and strategic thinking that transforms communities. We lead through integration, shaping the social infrastructure that connects all of us.



The AECOM model is different

We have changed the way today's design firm works by bringing together the disciplines needed to make great cities. We craft community from several perspectives simultaneously:

As **planners**, we synthesize urban health, equity, and economic benefits through community engagement and quantitative analytics.

As **economists**, we assess markets and shape the business case for public and private investments.

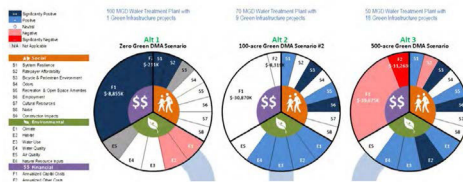
As **urban designers**, we create place that tells a story and shape streets, buildings, blocks and districts that can adapt to economic and demographic changes.

As **landscape architects**, we imagine and implement the signature public spaces that connect people, instill pride, and strengthen communities.

As **architects**, we plan and design across the spectrum of building type and form, advancing sustainable systems, reducing emissions and maximizing function.

As **engineers**, we plan high-performance infrastructure that emphasizes economic, social and environmental benefit.

Through this integrated approach, our land planning team created award winning visions and memorable places in Massachusetts, along the east coast, the across the country and throughout the Globe. We help the **public and private sector address complex challenges** where community and infrastructure intersect.



Environmental Engineering & Hazard Mitigation

AECOM has been providing environmental services in Florida for more than 65 years and commits to continuing our proven record of accomplishment, responding successfully to numerous fast-track projects and delivering high quality products and cost savings through innovative concepts, technologies, equipment, and procedures.

Our team can provide turn-key services, such as Emergency Response, Level I/II site assessments, Remedial Design and Implementation, and asbestos, lead-based paint, and mold surveys and abatement to name a few.

AECOM's team-based approach will build upon our longstanding and diverse experience base and our experienced team of scientists, engineers, and construction staff with years of experience. AECOM has performed numerous Level I, II and III contamination activities for roadway and utility projects, site developments, and special use sites throughout Miami-Dade County and south Florida.

Level I assessments identify the contamination potential for a project. Level II assessments are conducted if subsurface construction features are proposed within or in the vicinity of the potentially contaminated areas. AECOM has also managed numerous Phase III treatment and remediation projects in Miami-Dade County and has supported clients throughout the region including FDOT District 4 serving as its Contamination, Assessment and Remediation (CAR) Contractor for over 20 years, performing construction and remediation services where contamination impacts were discovered to exist.

AECOM has licensed experts regularly conduct asbestos and lead-based paint surveys for structures such as buildings and bridges, and manage the abatement activities through State-approved licensed and insured subcontractors. Our team has obtained numerous environmental and right of way permits in Florida from federal, state, and local regulatory agencies for a wide variety of projects and includes experts in natural resource impacts assessments, mitigation planning and design, and environmental permitting.

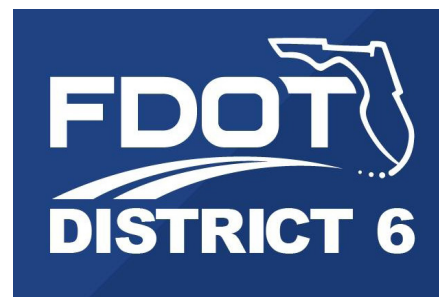
We have very strong relationships with the staff of regulatory agencies including the US Army Corps of Engineers (USACE), South Florida Water Management District (SFWMD), Florida Department of Environmental Protection (FDEP), US Fish and Wildlife Service (FWS), Florida Fish and Wildlife Conservation Commission (FWC), National Marine Fisheries Service (NMFS), US Coast Guard (USCG), Miami-Dade County Department of Regulatory and Economic Resources (DRER), and State Historic Preservation Office (SHPO).

Permit application packages will be produced to include the required engineering and scientific data, plans, etc., and always submitted to the City for review and approval prior to agency submission along with any response packages to agency review comments.

Natural Resources

Our extensive experience in working with natural resources spans a wide range of services, including environmental planning and permitting as our team works with design engineers to avoid, minimize, and mitigate potential environment impacts. We understand the critical importance of assessing a project's potential environmental and social impacts including historic preservation considerations early in the design phase to develop timely and cost-effective project plans. Our approach involves anticipating and proactively addressing regulatory requirements and develop effective mitigation plans to develop resilient and maintainable designs while verifying compliance.

AECOM has been the environmental **permitting consultant for FDOT District 6** for more than 20 years. We have successfully permitted



numerous projects in Miami-Dade and Monroe Counties through a range of regulatory agencies (e.g. USACE, SFWMD, FDEP, FWC). In order to meet the city's environmental permitting and permit compliance needs, we understand that this contract requires an intimate knowledge of the various aspects of federal, state, and local permitting processes, as well as proven methods for negotiating project through the time- and budget-constrained, complex, and sometimes unpredictable path from project planning and development, design, through construction and including post-construction. Our environmental permitting team has the in-house capabilities to conduct additional studies that may be required in support of permit applications (i.e., seagrass surveys, wetland delineation, historic preservation determinations). Our AECOM team is local, highly specialized, and professionally experienced, with the availability to complete the specialty tasks that are crucial to this contract's success.

Environmental Assessments and Remediation

AECOM has extensive experience in environmental assessments and remediation, providing comprehensive services across various industries and geographies. Our expertise spans Phase I and II Environmental Site Assessments (ESAs), where we meticulously review historical and current documents, conduct site reconnaissance, and perform soil and groundwater sampling.

In addition to assessments, AECOM excels in remediation projects, addressing complex contamination issues to protect public health and the environment. We provide engineering and environmental services, including geostatistical analyses, risk assessments, and the development of site-specific cleanup goals.

Environmental Assessment and Remediation

Assessments and/or remediation projects focus on potential environmental impairment recognized at point sources or the larger regional impacts from groundwater and surface water plumes migrating off-site. Over the last 10 years AECOM has worked with the city on multiple projects ranging from golf courses like the Biltmore and Granada, the Coral Gables Country Club and the demolition, environmental assessment and remediation associated with the former solid waste incinerator facility.



Biltmore Golf Course Remediation Project



Coral Gables Country Club Remediation Source Removal

The local AECOM team of environmental professionals is led by a former regulator who has a thorough understanding of the Risk Based Correction Action (RBCA) criteria adopted by Miami-Dade County Department of Regulatory and Economic Resources (RER) and the Florida Department of Environmental Protection (FDEP). This process outlined in Chapter 24 of the Miami-Dade County Code and Chapter 62-780; Florida Administrative Code involves several key steps:

- 1. Discovery and Initial Assessment:** When contamination is discovered, an initial assessment is conducted to determine the extent and type of contamination.

- 2. Risk Evaluation:** The contamination is evaluated based on its potential risk to human health and the environment. This includes considering factors like the type of contaminants, their concentrations, and the potential exposure pathways.
- 3. Corrective Action Plan:** Based on the risk evaluation, a corrective action plan is developed. This plan outlines the steps needed to mitigate the risks, which may include removing contaminated soil, treating groundwater, or implementing institutional controls.
- 4. Implementation and Monitoring:** The corrective actions are implemented, and the site is monitored to ensure that the contamination is effectively managed and that the risks are reduced to acceptable levels.

As an example of the RBCA process, AECOM completed the remediation of soils and groundwater at the Coral Gables Country Club that was caused by a petroleum discharge from an underground petroleum storage tank many years ago. AECOM is currently work with RER to achieve final closure with conditions. Based on the current uses of the property AECOM is proposing a risk-based closure with conditions to mitigate any hazards resulting for direct exposure to humans or causing ecological impacts.

AECOM is currently working with the City and RER to develop a similar RBCA approach to remediate impacted soils at the maintenance facility at the Biltmore Golf Course

Ecological Risk Assessment

An Ecological Risk Assessment (ERA) is needed when one or more contaminant concentration exhibited in samples collected from a former or current agricultural area exceeds the SQAG Probable Effects Concentration (PEC) or other appropriate probable effect-level screening value, or the SLERA identified a hazard quotient greater than 1.0. From these data, AECOM can evaluate if there is one or more isolated "hotspot(s)" or if there are widespread impacts. In the event the impacts are identified as isolated "hotspots," these areas will be further delineated.

Additional Assessment Services

AECOM can provide the City with turn-key Unmanned Aircraft Systems (UAS) services from data acquisition and processing to report generation. Our UAS consists of Unmanned Aircraft Vehicles (UAVs), which provide a variety of sensor systems for custom options to service the City's needs. Our UAS capabilities include aerial photography and videography photogrammetry, and multispectral mapping, as well as other services. Our UAVs can provide habitat and vegetation mapping, invasive species monitoring, marine sediment plume monitoring, marine fauna surveys, and ecosystem and environmental change assessment. To meet the City's environmental survey and compliance needs AECOM leverages UAS technology to reduce cost, time, and labor associated with extensive field surveys. Our UAV pilots are government certified to commercially operate UAS in Florida.

Storage Tank Management

AECOM offers complete services for storage tank management related to the City's operation of vehicular and non-vehicular fuel storage tanks. These tanks are regulated by the U.S. Environmental Protection Agency (USEPA) under the Code of Federal Regulations (CFR) 40 Part 280, and Chapters 62-761 and 62-762, F.A.C. In the event that releases from the City's petroleum storage systems are discovered, the remediation of these releases would be governed under Chapter 62-780, F.A.C. In addition, the petroleum storage systems, are subject to the Oil Pollution Prevention regulations promulgated under the authority of the Federal Water Pollution Control Act (Clean Water Act). These regulations address requirements for Spill Prevention Control and Countermeasure (SPCC) Plans pursuant to CFR 40 Part 112 (Oil Pollution Prevention).

AECOM has managed projects at large tank farms and single tank sites for individual clients, as well as major oil companies. These tank farms include refineries, marine terminals, manufacturing plants, pipelines, retail service stations, fuel oil distributor facilities, and other facilities where petroleum and chemical products are processed, stored, or dispensed in aboveground storage tanks (ASTs) and underground storage tanks (USTs).

AECOM has teamed with **Air, Water, and Soil Engineering, Inc., a Florida Licensed Pollutant Storage System Specialty Contractors (PSSSC)**, enabling the AECOM Team to provide full above-ground storage tank (AST) and underground storage tank (UST) services. As noted above, these services can range from upgrading an existing UST or AST system per performance standards given in Chapters 62-761 or 62-762, F.A.C., to installing a new system or replacing an existing UST or AST system. In the event that impacts are identified during tank upgrades/replacement activities, AECOM can concurrently conduct source removal activities such as free product removal or impacted soil removal to expedite the downtime of the AST/UST system. We have conducted numerous soil and groundwater quality investigations to assess the potential impacts of spills and leaks, and we have designed and implemented remedial actions to address contamination. For emergency and rapid responses to a petroleum discharge, the AECOM Team can mobilize within a 1–2-hour time frame with our local Coral Gables office.

Groundwater Quality

AECOM brings extensive experience in groundwater quality management, leveraging advanced technologies and innovative approaches for sustainable and reliable water resources. Our expertise spans a wide range of services, including groundwater monitoring, contamination assessment, and remediation. We have successfully implemented projects that address complex groundwater issues, such as the removal of emerging contaminants, nitrate reduction, and the mitigation of industrial pollutants. Our team employs state-of-the-art modeling tools to predict

groundwater flow and contaminant transport, ensuring precise and effective solutions. By integrating public outreach and stakeholder engagement, we enhance community trust and support for groundwater quality initiatives. Our projects demonstrate our commitment to restoring and protecting vital water resources, ultimately contributing to public health and environmental sustainability.

AECOM provided these services to the city during the remediation of the Coral Gables Country Club that has been approved by the regulators as part of a No Further Action with Controls strategy. We are working with the city to develop a Restrictive Covenant to close out the project.

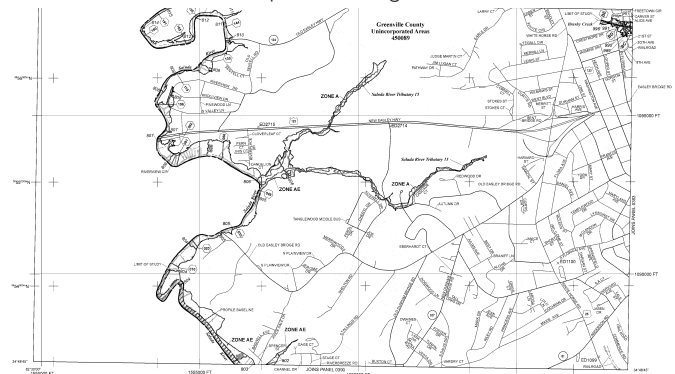
Groundwater and Surface Water Modeling

AECOM has extensive experience in groundwater and surface water modeling, utilizing advanced computational tools to deliver precise and reliable solutions for water resource management. Our expertise encompasses a broad range of modeling techniques, including hydraulic and water quality modeling, computational fluid dynamics (CFD), and physical modeling. We have successfully applied these models to optimize water systems, enhance water quality, manage energy, and prioritize infrastructure improvements.

Floodplain Management

AECOM boasts certified Floodplain Managers with extensive expertise in FEMA Flood Risk Maps, Flood Insurance Studies (FIS), and determining Base Flood Elevations (BFEs). We compare historical data with the latest FIRMaps, process FEMA Letters of Map Amendment (LOMAs) and Letters of Map Revision (LOMRs), handle Floodplain Permits, and propose mitigation strategies for infrastructure hardening while ensuring compliance with regulatory floodplain guidelines.

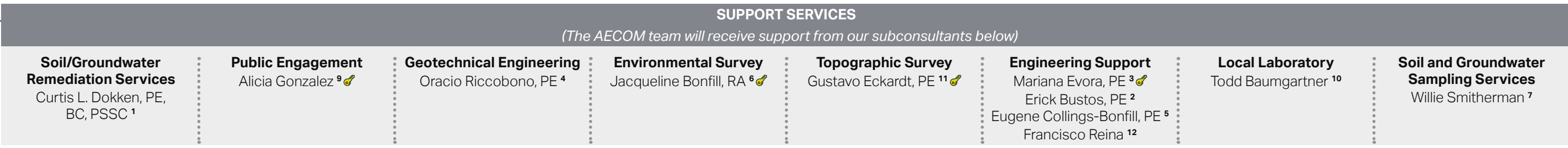
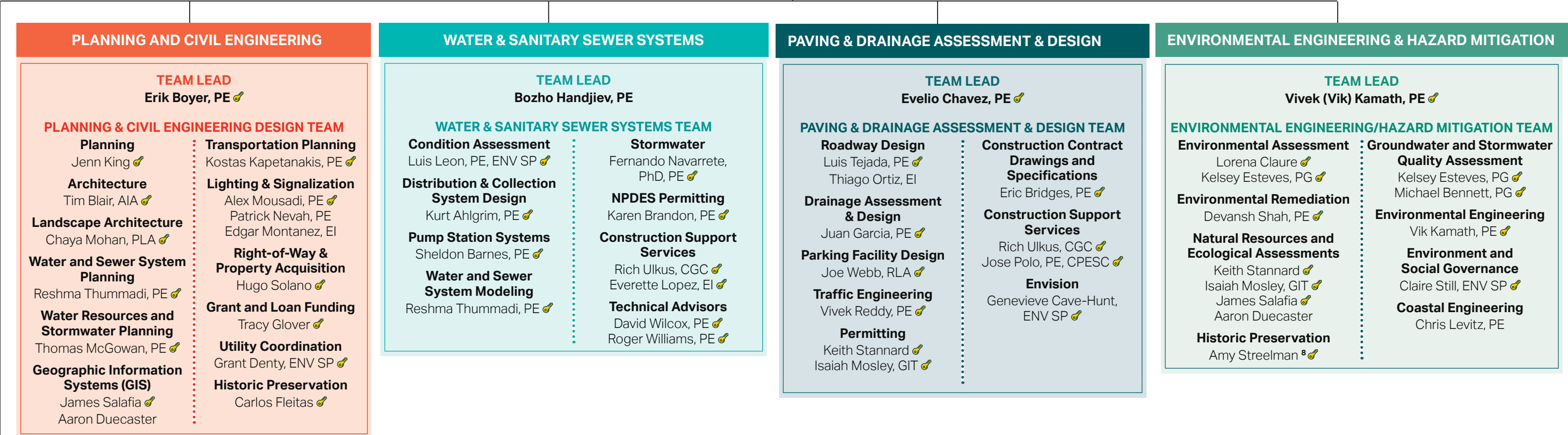
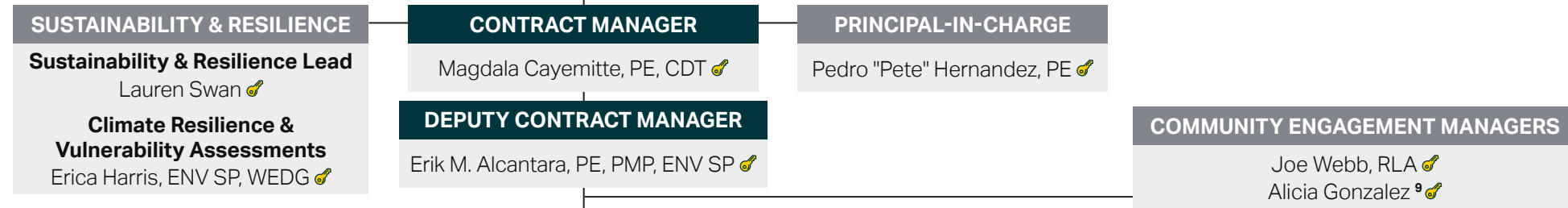
Additionally, AECOM provides industry-standard and customized Geographic Information System (GIS) solutions. GIS plays a crucial role in our business across various disciplines, including watershed management studies, floodplain mapping and assessment, regional planning, demographic studies, master planning and design, project development and environment (PD&E) studies, site selection, habitat and vegetation mapping, and environmental permitting. Our GIS staff includes certified GIS professionals (GISP) and certified floodplain managers (CFM).



Floodplain Map of Greenville County, SC


D. Organizational Chart

City of Coral Gables



LEGEND: 1 = Air, Water & Soil Engineering, Inc. • 2 = Cobb, Fendley and Associates • 3 = Delta Consultants • 4 = GEOSOL, Inc. • 5 = GME • 6 = J. Bonfill and Associates
7 = JAEE Environmental Services • 8 = Janus Research • 9 = MRG • 10 = Pace Analytical Laboratory • 11 = PDS • 12 = Reina Engineering • = Key Personnel (with resume)
All personnel are AECOM unless designated otherwise

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
 <p>MAGDALA CAYEMITTE, PE, CDT</p>	CONTRACT MANAGER	A. TOTAL	B. WITH CURRENT FIRM	
		18	2	

15. FIRM NAME AND LOCATION (City and State)
AECOM - Fort Lauderdale, FL

16. EDUCATION BS, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: FL Construction Documents Technologist
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY MAGDALA? Magdala has 18 years of experience in water and wastewater engineering, with primary involvement in construction documents. Magdala is a driven and highly motivated team leader with extensive experience in the civil engineering & construction industry, specializing in pipeline design, specifications, and project management. She has a proven track record of leading and executing large-scale water/wastewater and stormwater conveyance projects in South Florida. Her top areas of expertise include the following: water distribution/transmission systems, stormwater management, construction documents, sanitary sewer collection systems, construction management, and cost control/estimating.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Miami Beach, Replacement of Water Mains & Gravity Sanitary Sewer along Dade Boulevard and 19th Street, Miami Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2023	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Deputy Project Manager and EOR. Ms. Cayemitte is leading the design, permitting, and construction phase services for the replacement of 12-inch and 20-inch water mains and 8-inch gravity sanitary sewer along Dade Boulevard and 19th Street. The outdated utilities will be replaced with approximately 3,900 linear feet of 24-inch Ductile Iron Pipe (DIP) water main and 700 linear feet of 8-inch PVC gravity sanitary sewer. The new utilities will be installed via open cut.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Village of Key Biscayne, Zone 1 (K-8 Basin) Basis of Design Report (BODR), Key Biscayne, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2023	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Engineer. AECOM led the development of a BODR for the first project from the Village’s stormwater infrastructure improvement program: Zone 1 (K-8 Basin) project. Zone 1 includes stormwater drainage and roadway improvements surrounding the Key Biscayne K-8 Center. Additionally, the project includes a stormwater pump station at Harbor Park (between West McIntyre Drive and West Enid Drive), which will serve the immediate area as well as areas adjacent to the site for future needs.


c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Miami Beach, Replacement of Various 30-inch Sanitary Sewer Force Main Subaqueous Crossings, Miami Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2021	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Engineer. Ms. Cayemitte is leading the design, permitting, and construction phase services of the open cut portion for the replacement of various 30-inch sanitary sewer force main subaqueous crossings across Miami Beach Waterways or Canals. The City has prioritized the following three (3) force main replacements across two sites.

d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Fort Lauderdale, George T. Lohmeyer WWTP Chlorine Flash Mix Chamber Remodel, Fort Lauderdale, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2023	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Manager. Phased bypassing and decommissioning of the existing Chlorine Flash Mix Chamber (CFMC) at the GTL WWTP. Rerouting of 42-inch and 48-inch effluent piping of the three existing clarifier batteries from the CFMC to the Water Screening Facility. Relocation of numerous smaller diameter piping and electrical conduits serving the Sludge Dewatering Facility. Design included installation of numerous 48-inch and 42-inch wet taps and line stops on existing PCCP clarifier effluent pipes. As Project Manager, Ms. Cayemitte managed the overall design, including permitting and construction support.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
 ERIK ALCANTARA, PE, PMP, ENV SP	DEPUTY CONTRACT MANAGER	A. TOTAL	B. WITH CURRENT FIRM	
		11	3	

15. FIRM NAME AND LOCATION (City and State)
AECOM - Coral Gables, FL

16. EDUCATION ME, Civil Engineering Graduate Certificate, Engineering Innovation BS, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: FL Project Management Professional Envision Sustainability Professional
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY ERIK? Erik is a results-driven and highly motivated team leader with extensive experience in the civil engineering & construction industry, specializing in water resources, sustainability/resilience, and project management. He has a proven track record of leading and executing large-scale water/wastewater, stormwater, and climate adaptation projects in South Florida. His top areas of expertise include the following: stormwater master planning, stormwater management, water distribution/transmission systems, wastewater collection systems, construction management, Envision sustainable infrastructure rating system, Geographic Information Systems (GIS), alternative project delivery, cost control/estimating, and Critical Path Method (CPM) scheduling. Currently, Erik serves as President for the American Society of Civil Engineers (ASCE) Miami-Dade Branch. He was awarded the 2020-2021 Young Engineer of the Year Award by ASCE Miami-Dade Branch.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Miami, Auburndale Flood Mitigation Improvements Design Criteria Package (DCP), Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024	Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Manager. Led the development of the comprehensive stormwater infrastructure improvement program. AECOM developed a DCP for flood mitigation and roadway improvements in the Auburndale neighborhood. The project improved the stormwater drainage, roadway, and water infrastructure of the neighborhood. It is the first of many projects identified by the City of Miami to improve public safety by reducing areas of localized rainfall-induced flooding while anticipating the potential impacts of Sea Level Rise (SLR) to the groundwater table and gravity-driven outfall facilities, such as the Miami River and regional drainage canals. The overall goals achieved were to improve the stormwater system, reduce flooding, improve the roadway infrastructure, improve neighborhood safety and operating efficiency with new pavement markings, striping, and signalization, replace aging water infrastructure, and relocate fire hydrants to improve fire flow within Auburndale.


b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Village of Key Biscayne, Zone 1 (K-8 Basin) Basis of Design Report (BODR), Key Biscayne, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Manager. Led the development of a Basis of Design Report (BoDR) for stormwater drainage improvements surrounding the Key Biscayne K-8 Center. The BoDR included street improvements within the vicinity of the school and along West McIntyre Drive to the proposed pump station located at Harbor Drive Park (between West McIntyre Drive and West Enid Drive), which will serve the immediate area as well as areas adjacent to the site for future needs. The street improvements include green infrastructure, traffic calming, and are being designed to the Village's level of service requirements.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Zone 1 (K-8 Basin) Resiliency Improvements, Key Biscayne, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Manager. Leading the engineering design services for the Village of Key Biscayne's Zone 1 Resiliency Improvement Projects. The project's purpose is to alleviate localized flooding and enhance safety throughout the Key Biscayne K-8 Center Basin. The upgraded stormwater system will significantly reduce the street flooding currently experienced in the area and improve stormwater quality discharge to Biscayne Bay. The Zone 1 (K-8) project is the Village's number one priority because it is the most vulnerable, low-lying area of the village and extremely prone to flooding.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
	PEDRO "PETE" HERNANDEZ, PE	PRINCIPAL-IN-CHARGE	A. TOTAL	B. WITH CURRENT FIRM
			50	14

15. FIRM NAME AND LOCATION (City and State)
AECOM - Coral Gables, FL

16. EDUCATION: BS, Civil Engineering
17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline): Professional Engineer: FL

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY PETE? Pete has spent 37 of his 50 years of experience in the local public sector, with Miami Dade (33.5 yrs) and the City of Miami (3.5 yrs), where he served in highly responsible positions directing and overseeing infrastructure departments and programs. During his employment with AECOM, over the last 14 years, he has directed several projects in areas such as Water & Sewer, Environment, and Transportation.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Hialeah WTP Infrastructure and Operations Upgrade, WASD, Miami, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2010	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Principal-in-Charge for engineering and construction management services to upgrade the infrastructure and operations of the 70 MGD Hialeah Water Treatment Plant, along with associated pipelines, well fields, re pumping facilities, remote storage and appurtenant facilities.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Design Build Criteria for replacement of 54" FM and 20"WM crossing Government Cut and Norris Cut Channels, WASD, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2016	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Principal Advisor on stakeholder coordination and permitting matters to facilitate the successful development of the Design Criteria Package for the replacement of the critical 54" FM that extends from Miami Beach to the Central District WW Plant in Virginia Key. Responsible for outreach, technical work shop coordination, land rights acquisition process, and other activities to obtain public acceptance in advance of the Port's Channel Dredging program.


c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Manager and Chief Administrator, City of Miami, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2018	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Manager and Chief Administrator responsible for the daily operations of a municipal government with over 3,700 employees and an operational budget of over \$500M. Significant accomplishments range from the implementation of a new Zoning Code; partnership with the State and the County for the construction of the Port of Miami Tunnel to development and coordination, with the County and Miami Marlins, for a new baseball stadium at the Orange Bowl site. Also, led an aggressive Capital Improvements Program averaging over \$100M/year over the last three years.

d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Consent Decree PMCM, WASD, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2014	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Administrative Support. Allocation of resources, community involvement, local workforce programs, municipal coordination, and other programmatic functions to meet all Wastewater Consent Decree milestones.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
	LAUREN SWAN	SUSTAINABILITY & RESILIENCE LEAD	A. TOTAL	B. WITH CURRENT FIRM
			18	10

15. FIRM NAME AND LOCATION (City and State)
AECOM - Coral Gables, FL

16. EDUCATION MLA, Landscape Architecture BA, Urban and Regional Planning	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) N/A
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY LAUREN? Lauren is a Vice President and Director of Resilience and Sustainable Development, U.S. East and Latin America where she is responsible for aligning and progressing AECOM's Global Environmental, Social and Corporate Governance (ESG) Strategy. This includes developing strategies for incorporating ESG and climate resilience into projects and programs as a value add and integrating ESG goals and objectives into AECOM office culture. Lauren's 18 years of experience in both public and private sectors has given her an understanding of the vested interest of developers, government officials and community stakeholders. This, background, combined with her technical expertise, has given her the ability to bridge the divide between different stakeholder concerns.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State) Resilient305 Website, The Miami Foundation, Miami-Dade County, FL.	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2020		N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Manager responsible for working with the three governments and The Miami Foundation to redevelop the Resilient305 website to reflect action implementation progress and Resilient305 partnerships.

b. (1) TITLE AND LOCATION (City and State) Miami Climate Action Plan, City of Miami, FL	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2020		N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Manager leading development of a greenhouse gas mitigation plan. The mitigation element of this project involves conducting a core and consumption based GHG inventory and forecast, setting a target, and developing GHG reduction strategies.


c. (1) TITLE AND LOCATION (City and State) Southeast Florida Business Case Analysis, Urban Land Institute, Palm Beach, Broward, Miami-Dade, Monroe Counties, FL	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2019		N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Manager partnering with the Urban Land Institute (ULI) and Southeast Florida Regional Climate Change Compact counties on this project. As part of this project, AECOM is analyzing the regional economic impact of sea level rise and coastal flooding, as well as potential economic opportunities associated with investments in resilience infrastructure.

d. (1) TITLE AND LOCATION (City and State) Miami Beach Flood Mitigation & Resilience Study, City of Miami Beach, Miami Beach, FL	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2018		N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Planner supporting climate change focused workshops and interviews under a vulnerability assessment documenting the climate stressors and shocks affecting Miami Beach. This assessment was used to inform city-wise strategies to mitigate flooding of public and private property. Strategies include policy changes for new construction and major renovations, specifically in the minimum building first floor elevations requirements.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
 <p>ERICA HARRIS, ENV SP, WEDG</p>	<p>CLIMATE RESILIENCE & VULNERABILITY ASSESSMENTS</p>	A. TOTAL	B. WITH CURRENT FIRM	
		17	11	

15. FIRM NAME AND LOCATION (City and State)
AECOM - Coral Gables, FL

16. EDUCATION MS, Oceanography BS, GIS and Spatial Analysis	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Envision Sustainability Professional Waterfront Edge Design Guidelines Certification
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY ERICA? Erica is a Southeast Florida-based coastal and climate scientist, with over 17 years of climate adaptation planning experience. She serves as a Climate Resilience Leader at AECOM and manages climate vulnerability assessments and adaptation planning projects for waterfront communities and industries across the country. She frequently leads multi-agency projects focused on providing land use managers, engineers, and planners with information and tools to enhance climate hazard preparedness and assistance with incorporating future sea level rise considerations into the design of critical infrastructure projects.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State) Sea Level Rise Vulnerability Assessment and Adaptation Plan, City of Miami Beach, Miami Beach, FL	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024		N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm		

Project Manager and technical lead conducting a city-wide update to a 2016 vulnerability assessment of public assets to sea level rise hazards. Updates include revisions to evaluated critical assets and sea level rise scenarios to comply with the Resilient Florida program. The project also includes enhanced public engagement to inform the plan and visual tools to assist the City with communicating sea level rise risk and potential solutions.

b. (1) TITLE AND LOCATION (City and State) City of Miami, Waterfront Shoreline Enhancement Plan, Miami, FL	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022		N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm		

Coastal Scientist and technical lead developing a set of prioritized set of nature-based shoreline enhancement projects that can be applied to Miami’s different shoreline typologies. Tasks include coordinating with the City, The Nature Conservancy, and key stakeholders to identify prototype locations, developing a menu of shoreline strategy options, prioritizing strategies based on evaluation criteria, and developing design alternatives to be considered for each site.


c. (1) TITLE AND LOCATION (City and State) PortMiami Sea Level Rise Vulnerability Assessment and Adaptation Guidance, Miami-Dade County, FL	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022		N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm		

Technical Lead developing a sea level rise vulnerability assessment to increase flood resilience of port assets and operations. The project identified key vulnerabilities of port infrastructure through the coming century and culminated with design guidance to incorporate sea level rise and coastal storm considerations into the port capital planning process. The project also involved coordinating with Port engineering team to develop design criteria for 7,000 of seawall replacement along the port’s northern shoreline to consider sea level rise and future coastal storm events.

d. (1) TITLE AND LOCATION (City and State) City of Miami, Sea Level Rise Vulnerability Assessment, Miami, Florida	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022		N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm		

Project Manager supporting the development of a city-wide flood impacts study. Tasks include creating a geodatabase inventory of diverse community assets located within the City, evaluating the inventoried assets for potential flood impacts, and using a screening process to develop a list of infrastructure that will be prioritized for adaptation funding pursuits.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
 <p>JOE WEBB, RLA</p>	<p>COMMUNITY ENGAGEMENT MANAGER / PARKING FACILITY DESIGN</p>	A. TOTAL	B. WITH CURRENT FIRM	
		9	9	

15. FIRM NAME AND LOCATION (City and State)
AECOM - West Palm Beach, FL

16. EDUCATION BS, Landscape Architecture	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Registered Landscape Architect: FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY JOE? Joe is a Professional Landscape Architect with extensive, diverse experience in the planning, design and development of parks and recreation facilities. Joe has over thirty years of experience in both the public and private sectors and has been involved in numerous park planning and design projects from detailed design to large scale systems planning with an emphasis on the integration of open space with transportation and urban form.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<p>Park, Recreation and Open Spaces System Planning: City of Tampa Parks and Recreation Master Plan, Tampa, FL</p>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2020	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Landscape Architect. Park and Recreation System Master Plan project that includes extensive research and analysis, needs assessment, and sustainable implementation strategies for the City parks and recreation system. Working in partnership with City staff, the AECOM team conducted extensive evaluation of the facilities, programs and services provided by the City as well as a vision for the future of the system and a clear, phased implementation program.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<p>City of Miami, Resilient Waterfront Enhancement Plan, Miami, FL</p>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Landscape Architect. This project addressed ongoing flood vulnerabilities while acknowledging the multifaceted benefits of nature-based solutions to provide guidance for the design, permitting, financing, construction, and maintenance of a waterfront. The Plan includes a set of design alternatives developed as prototypes for pilot sites representative of the four common shoreline typologies across the City. Design alternatives were formulated using combinations of individual shoreline flood protection strategies prioritized considering associated trade-offs and co-benefits that enhance the overall resilience of the City's waterfront.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<p>Miami-Dade County, Resilient Park Design Guidelines, Miami-Dade County, FL.</p>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Landscape Architect. The Miami-Dade County Resilient Park Design Guidelines serve as a framework for the County to provide a consistent and forward thinking approach to incorporation of resilience considerations in park planning and design. The guidelines focus on the unique local challenges posed by an evolving climate while simultaneously maximizing social, environmental, and economic co-benefits of the supported communities, whenever possible.

d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<p>City of Miami, Morningside Park, Miami, FL</p>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2021	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Landscape Architect. Project Included the redesign of a premier, 40 acre waterfront park on Biscayne Bay in a rapidly changing, diverse community in north central Miami. The project was designed to incorporate sustainable practices, resiliency and mitigate the impacts of sea level rise while preserving the historic character of the park.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
ALICIA GONZALEZ	COMMUNITY ENGAGEMENT MANAGER	29	25

15. FIRM NAME AND LOCATION (City and State)
MRG - Miami, FL

16. EDUCATION BS, Telecommunications	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) N/A
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY ALICIA? Alicia will serve as a Community Engagement Manager. She has over 29 years of experience in serving as a Project Manager and Senior Communications Specialist for multiple major public infrastructure projects. She serves as the Principal of Media Relations Group, LLC, since its inception in 1999, successfully executing campaigns for the Miami-Dade Water & Sewer Department (MD-WASD), Miami-Dade Expressway Authority (MDX), the Florida Department of Transportation (FDOT) Districts 1, 4, 5, 6 and 7 and Florida’s Turnpike Enterprise (FTE) at all project phases including PD&E, design, design-build and construction. Her extensive experience managing crisis situations related to traffic events and construction activities, as well as political issues while working on multiple MD-WASD contracts, the City of Miami Beach Right of Way & Facilities Construction Projects and most recently the I-395/SR 836/I-95 Design-Build project, will prove invaluable.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State) Miami-Dade Water and Sewer (MD-WASD), SW 117 Avenue (Area N), Miami-Dade County, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
	2021 2021

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm
Mrs. Gonzalez was in charge of all outreach efforts for this project which involves the installation of a six-mile 48-inch water line along SW 117 Avenue from the Snapper Creek Canal to SW 152 Street and a 16-inch wastewater line on SW 127 Avenue from SW 88 Street to 108 Street.

b. (1) TITLE AND LOCATION (City and State) MD-WASD, Norris Cut Utility Relocation Project, Miami-Dade County, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
	2016 2016

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm
Mrs. Gonzalez was in charge of the public involvement for this design-build project which consists of the replacement of the existing 54-inch sanitary sewer force main with a 60-inch force main. The new pipe runs underneath Norris Cut between Fisher Island and the Miami-Dade Water and Sewer Department’s Central District Wastewater Treatment Plant located on Virginia Key in the City of Miami. She oversaw the preparation of a fact sheet for the project’s Kick-Off meeting and continues to be the day to day public information contact until completion in 2016.

c. (1) TITLE AND LOCATION (City and State) MD-WASD Government Cut Utility Relocations Projects Design Build, CMIT, Miami-Dade County, Florida	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
	2013 N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm
Mrs. Gonzalez was in charge of the public involvement for all these projects as a Department liaison to project managers, Department Public Affairs Manager Adriana Lamar and Isaac Guterrez. She attended all progress meetings and worked daily on public involvement strategies and notifications as necessary. She prepared a Community Awareness Plan (CAP) and fact sheet for the project. In Spring 2012, Mrs. Gonzalez also began working with the Department on the Emergency 60-inch Force Main Installation project in the City of Miami Beach. She attended several City of Miami Beach and other key stakeholder meetings. She also coordinated and executed a community meeting in June 2012 and reviewed and finalized project fact sheets and display boards. She continued to serve as the day-to-day public information contact through summer 2013, upon completion of the Emergency Contract.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
ERIK BOYER, PE	PLANNING & CIVIL ENGINEERING LEAD	18	7

15. FIRM NAME AND LOCATION (City and State)
AECOM - Fort Lauderdale, FL

16. EDUCATION BSCE, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY ERIK? Erik Boyer has extensive experience in the planning, design, and project management of public transportation facilities since 2005. His design experience includes preparation of roadway design variations and exceptions, technical reports, pavement design, geometric design, drainage analysis, permitting, signing and pavement markings, complex maintenance of traffic, signalization, utility coordination, and construction support.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT Distict 6, NE 203rd Street Intersection Improvements, Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Engineer. Assisting in roadway design and maintenance of traffic. The project involves roadway reconstruction to alleviate a highly congested area including providing new flyover ramps, new pedestrian bridge, and bridge widening over West Dixie Highway and the FEC rail corridor, drainage, signing and pavement markings, signalization, lighting, and utility coordination.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Palm Beach County Department of Airports, Green Street Improvements at SR-809/Military Trail, Palm Beach County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Engineer-of-Record. Assisting in roadway design and maintenance of traffic. The project involves roadway reconstruction to alleviate a highly congested area including providing new flyover ramps, new pedestrian bridge, and bridge widening over West Dixie Highway and the FEC rail corridor, drainage, signing and pavement markings, signalization, lighting, and utility coordination.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District Four, Ravenswood Road/Anglers Avenue from SW 45th Street to SW 42nd Street, Project, Broward County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2015	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Engineer-of-Record. El Mar Drive from Palm Avenue to Pine Avenue, FDOT District Four, Broward County, FL. Engineer of Record, responsible for maintenance of traffic. The project involves providing a 10-foot-wide shared use path in the median area, roadway widening, milling and resurfacing, drainage improvements, landscaping, and hardscape enhancements.

d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District Four, SR-800/Spanish River Boulevard from SR-5/US-1 to SR-A1A/Ocean Drive, Palm Beach County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2010	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Engineer. Responsible for roadway design, typical sections, pavement design, drainage analysis, signing and pavement markings, maintenance of traffic, and utility coordination. The project involves milling and resurfacing, traffic rail replacement on two bridges, landscaping enhancements, and upgrading all pedestrian features to meet current ADA standards.

e. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District Four, SR-814/Atlantic Boulevard from West of SR-5/US-1 to SR-A1A/Ocean Drive, Broward County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2011	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Engineer. Responsible for roadway design, typical sections, drainage analysis, signing and pavement markings, maintenance of traffic, and utility coordination. The project involves narrowing the existing divided roadway from six to four lanes, sidewalk reconstruction, milling and resurfacing, signalization, landscaping enhancements, and upgrading all pedestrian features to meet current ADA standards.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
		28	16

JENN KING, PE

PLANNING

15. FIRM NAME AND LOCATION (City and State)

AECOM - Coral Gables, FL

16. EDUCATION

BS, Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

Professional Engineer: FL

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY JENN?

Jenn is a Florida-registered Professional Engineer, with over 28 years of experience in project management, Project Development and Environment (PD&E) studies, National Environmental Policy Act (NEPA) compliance and the Statewide Environmental Project Tracker (SWEPT), the Efficient Transportation Decision Making (ETDM) process, and serving as the public information officer (PIO) for a wide variety of controversial and complex multi-modal transportation/environmental projects. Her background includes public transportation, traffic engineering, traffic safety, roadway and drainage design, and managed/express lanes.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
I-95 / S.R. 9 North PD&E Study, Miami-Dade County	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Manager. Four-mile urban interstate express lane and capacity PD&E Study from north of the Golden Glades Interchange (GGI) to the Broward County Line; analyzing braided ramps, interchange improvements at SR 860 / Miami Gardens Drive and Ives Dairy Road, and a new park-and-ride facility; coordinating with projects at the GGI, in FDOT IV, and along Snake Creek Trail; and culminating in a Categorical Exclusion Type 2 (CE2) NEPA study.


b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Districtwide Environmental Data and Reports Consultant, FDOT District 6	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Manager. Variety of NEPA-related tasks supporting the Planning and Environmental Management Office (PLEMO) on planning, PD&E, design, construction, and Local Agency Program (LAP) projects, Design Criteria Package (DCP) development and reviews, re-evaluations, transportation resiliency, protected species and habitat field reviews, noise analyses, transit project reviews, ICAR support, environmental production control (SWEPT implementation, ProjectSuiteEE/PSM codes, OSP process, ERC reviews, and EEDMS support), Section 4(f) and cultural resource support, PD&E Manual chapters review, and supervising in-house support and environmental impact reviews/certifications; served as PM of the compressed-schedule SR 826 North PD&E Study, which increased capacity, modified Express Lane access, culminated in a State Environmental Impact Report (SEIR), and conducted the first hybrid Public Hearing in D6.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
SW 1st Street / S.R. 968, Bascule Bridge Replacement PD&E Study, City of Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Deputy Project Manager. Winner of the 2015 FICE Outstanding Project Award and the 2022 FHWA Environmental Excellence Award. on this 0.3-mile NEPA study, culminating in an Environmental Assessment (EA) document with a Finding of No Significant Impact (FONSI) on replacing the historic bridge. Drafted and executed the Public Involvement Plan (PIP), including a Cultural Resources Committee (CRC) for extensive coordination with controversial historic and cultural resources adjacent to the bridge. Included coordination with Bicycle Pedestrian Advisory Committee (BPAC), Citizens Transportation Advisory Committee (CTAC), Miami River Commission, Miami River Maritime Group, and City of Miami. Developed PowerPoint presentations for multiple public hearings. Also supported the final historic bridge video development for SHPO Memorandum of Agreement compliance.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
	TIM BLAIR, AIA	ARCHITECTURE	A. TOTAL	B. WITH CURRENT FIRM
			36	5

15. FIRM NAME AND LOCATION (City and State)
AECOM - Coral Gables, FL

16. EDUCATION
B. Arch, Architecture

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
Registered Architect: FL

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY TIM? Tim Blair brings his expertise in the design and construction of major projects to include corporate, commercial, private and institutional facilities. Tim’s portfolio of project management services includes Bacardi, Motorola, and Alliance Francaise renovation projects, Florida International University’s Frost Art Museum, College of Nursing and Health Sciences Building, and Miami-Dade County Children’s Courthouse project. His background in master planning, conceptual studies, programming, workplace strategies and trends, design optimization and sustainable strategies that provide a return on investment reinforce the value offered to his clients.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Fort Lauderdale City Police Headquarters , Fort Lauderdale, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Principal responsible for a new \$80 million police headquarters that includes a parking garage, firing range and site development on eight acres of land on the east side of the existing police headquarters property at 1300-1350 West Broward Boulevard. The building will be a “gateway” to the City of Fort Lauderdale and a symbolic link between the community and the police. The project will be built in multiple phases starting with the parking garage, followed by the Headquarters Building and the community center once the demolition of the existing headquarters building is complete.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami-Dade County Department of Transportation & Public Works, Metrorail Stations Re-roofing , Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Principal leading design services and construction support related to roofing improvements for 21 Metrorail Stations locations, inclusive of ancillary buildings.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Brightline Headquarters and Operation Control Center Buildouts , Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm


Principal providing architectural and engineering services for the 25,750 SF tenant buildout of the Brightline Headquarters and Operation Command Center at Miami Central Station. AECOM brought its technical expertise to bear, coordinating closely with the Owner, Interior Designer and Engineers to deliver construction documents, permitting and construction administration services.

d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Coral Gables Public Safety Building , Coral Gables, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2019	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Principal for the development of a state-of-the-art public safety facility within the downtown core that would replace the City’s outdated building. The 120,000 SF, six-story facility will serve as the new police and fire headquarters for the City, and include an Emergency Operations Center, 9-1-1 Center, Fire Station #4 and a full service public safety training center.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
	CHAYA MOHAN, PLA	LANDSCAPE ARCHITECTURE	A. TOTAL	B. WITH CURRENT FIRM
			10	10

15. FIRM NAME AND LOCATION (City and State)
AECOM - Raleigh, NC

16. EDUCATION BS, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Landscape Architect: NC
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY CHAYA? Chaya Mohan brings a decade of diverse experience in landscape architecture across Florida, having contributed to projects for prominent entities like Fort Lauderdale and Miami-Dade County. Her involvement in projects ranging from detailed designs to large-scale master planning demonstrates her versatility. With a track record of supporting public agencies nationwide, Chaya’s expertise in project support and public involvement will enhance stakeholder engagement.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Fort Lauderdale Parks Bond and Parks Master Plan Design and Implementation Services , Fort Lauderdale, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Park Planner and Landscape Architect. An ongoing project that involves providing professional design services and program management to support the implementation of 97 public parks and recreations projects identified in the City of Fort Lauderdale’s 2019 Parks and Recreations System Master Plan. AECOM’s responsibilities include preparation of plans and final working drawings, permitting coordination, procurement support, site inspections, construction management, and public outreach.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami-Dade County Park Resilience Design Guidelines , Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2023	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Park Planner and Designer. An ongoing project creating a toolkit of guidelines and strategies to incorporate resilience considerations into Miami-Dade County’s park planning and design. The project focuses on challenges posed by an evolving climate and outlines planning and design considerations that can adapt the County’s parks and facilities to withstand future conditions while simultaneously maximizing social, environmental, and economic co-benefits of the supported communities.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Tampa Parks and Recreation Master Plan , Tampa, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Landscape designer and planner assisting in graphic visualization and report documentation, set up and implementation of an extensive virtual public workshop platform, GIS and demographic analysis.


d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami Waterfront Enhancement Program , Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Planner. Developed the Miami Waterfront Enhancement Plan to address shoreline protection and flood mitigation through nature-based solutions.

e. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Sunny Isles Beach Parks and Recreation Master Plan , Sunny Isles Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2023	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Created a comprehensive Parks and Recreation Master Plan to address Sunny Isles Beach’s evolving community needs and growth challenges.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
	RESHMA THUMMADI, PE	WATER AND SEWER SYSTEM PLANNING/ MODELING	A. TOTAL	B. WITH CURRENT FIRM
			19	12

15. FIRM NAME AND LOCATION (City and State)
AECOM - Coral Gables, FL

16. EDUCATION MS, Environmental Engineering BS, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY RESHMA? Reshma is proficient in utility master planning and distribution and collection system hydraulic modeling. She has hands-on experience working with software programs, including ArcView GIS and hydraulic modeling using Bentley’s WaterGEMS and SewerGEMS, and Innowyze InfoWater and InfoWorks ICM & CS. With her experience in engineering projects, and hydrologic and hydraulic modeling with the City, Reshma will be a valuable resource to the City to manage projects related to wastewater system planning and programming in addition to water distribution and sanitary sewer system modeling.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of North Miami, Infrastructure Study for Comprehensive Plan Update, North Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2023	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Manager. Reshma was responsible for the development of the City’s Infrastructure Study to support the 2045 Comprehensive Plan Update. The Study guided the City on necessary potable water and sanitary sewer infrastructure upgrades to maintain the adopted level of service standards through the 2045 planning horizon.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
MDWASD, Wastewater System Hydraulic Model Maintenance and Analysis, Miami-Dade, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2020	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Manager. Provided hydraulic modeling services for WASD wastewater collection and transmission system as required by Consent Decree between Miami-Dade County and EPA. The scope of work included hydraulic model (in InfoWorks ICM) update to incorporate addition or improvements to sewer network and update of model inflows based on latest available SCADA data.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Cape Coral; Utilities Comprehensive Master Plan Update, Cape Coral, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2019	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Deputy Project Manager. Responsible for the development of a public utilities master plan that included water, wastewater, and irrigation quality water systems. The project included evaluation of population trends and demands, treatment capacity assessments, hydraulic modeling calibration and analysis for infrastructure improvements (InfoWater Software), and evaluation and prioritization of capital improvement projects.

d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Cape Coral; Water and Sewer Refunding Annual Bond Report, Cape Coral, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2021	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Manager. Responsible for preparing the City’s utility systems annual engineering report in compliance with the requirements of the city’s bond covenants. The bond report included utility system due diligence inspections in order to identify the regulatory compliance of the system, a review of utility system customers and usage to establish revenues and expenditures of the system, and a 5-year capital improvement plan to identify future system infrastructure needs.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
THOMAS MCGOWAN, PE	WATER RESOURCES AND STORMWATER PLANNING	37	27

15. FIRM NAME AND LOCATION (City and State)
AECOM - West Palm Beach, FL

16. EDUCATION
BS, Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
Professional Engineer: FL

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY THOMAS? Thomas is a client service manager who is actively engaged in civil and agricultural engineering work in Florida for more than 27 years. He has performed extensive stormwater modeling for, and designed, permitted, and overseen the construction of numerous water management facilities, providing stormwater attenuation, water quality treatment, water supply, and environmental enhancement including interconnected stormwater ponds, aboveground impoundments, pumping stations, and water control structures. As a result of his design and permitting efforts, Thomas is intimately familiar with the rules and regulations regarding stormwater management system design, and he has established professional relationships with many of Florida’s regulatory agencies, including the U.S. Army Corps of Engineers, the Florida Department of Environmental Protection, and the South Florida Water Management District.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Miami, Beach Flood Mitigation Consulting Services, Miami Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2018	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Manager. Updated the recent master plan as a result of the proposed capital improvement projects. Prepared hydraulic and hydrologic models (ICPR) and design reports for multiple drainage basins for proposed stormwater management system improvements within the city. Included conceptual layout and design of stormwater management and pollution prevention systems to reduce flooding impacts due to existing system deficiencies and projected sea level rise. Updating existing stormwater master plan model (XPSWMM) and managing the development of multiple basin studies for neighborhood improvements for the City’s capital improvement program to include future sea level changes. Developed BODR for each of the neighborhoods for the construction of the capital improvements.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Climate Resilience Program, City of Miami Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2018	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Lead Stormwater Modeler. Comprehensive resilience program to protect critical assets and the built environment from sea level rise and increased flooding intensity. The project includes an assessment of the vulnerabilities of the City’s critical assets to chronic climate stresses, review and revision of the City’s building and development codes, and identification of strategic adaptation strategies and actions. Cost benefit and value assessment of resilience strategies applied to develop a prioritized implementation plan.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Village of Key Biscayne, Village-wide Alternative Analysis Drainage Assessment, Key Biscayne, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Stormwater Modeler. The Village’s goals are the following: mitigate tidal flooding and stormwater runoff, enhance public safety and protect infrastructure, increase the resilience of the stormwater management system to future sea level rise, and improve water quality and reduce untreated stormwater discharges into Biscayne Bay. An alternatives analysis was performed to evaluate appropriate solutions to address level of service concerns along with sea level rise. AECOM developed four scenarios to improve level of service for the project area and provided a comparative analysis of discharges, stages, flood depths, and elevations. Hydrologic and hydraulic modeling was conducted using Advanced Interconnected Channel and Pond Routing (ICPR) modeling program Version 4 (now StormWise).

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
JAMES SALAFIA	GEOGRAPHIC INFORMATION SYSTEMS (GIS)	10	7

15. FIRM NAME AND LOCATION (City and State)
AECOM - Coral Gables, FL

16. EDUCATION BS, Environmental Science and Management	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FAA Part 107 UAS Remote Pilot AAUS Scientific SCUBA Diver FDEP Stormwater Management Inspector FWC Authorized Gopher Tortoise Agent
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY JAMES? James is an Ecologist at AECOM based in the Coral Gables, Florida office. With 10 years of experience in environmental consulting, his expertise includes environmental impact assessments of wetlands and wildlife as they relate to site due diligence, environmental permitting, and development. James is also a Senior UAS Remote Pilot with seven years of professional flight experience and no crashes to date. He initiated drone use to make site documentation, environmental surveys, and construction inspections faster, safer, and more accurate while decreasing costs.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State) City of Lakeland, Aerial LIDAR Topographic Survey, Lakeland, FL	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024		N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
GIS Specialist. James conducted a drone-based topographic survey of an approximately 900-acre survey area in Lakeland Florida to assist with a flood mitigation project intended to serve disproportionately disadvantaged communities. A heavy-lift drone was utilized to carry the TrueView 410 LIDAR and imagery sensor which simultaneously shoots laser and dual RGB cameras. This process generates a dense point cloud of elevation data (200 points/m2) and a high accuracy orthorectified aerial mosaic in only 3 days of data collection. Ground control points, set by a survey team, were required to validate the survey data which achieved an accuracy of >5cm (XYZ).

b. (1) TITLE AND LOCATION (City and State) Florida Gas Transmission Company (FGT), Environmental Assessments, Throughout Florida	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing		N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
GIS Specialist. AECOM provides ongoing environmental permitting support to FGT for potential impacts to wetlands and listed species during routine operation and maintenance activities on existing natural gas utility corridors. James leads a team of biologists during project site assessments throughout the state of Florida by means of initial desktop analysis with GIS, wetland delineations, listed species surveys, and environmental permitting recommendations. Development of permit applications and coordination with environmental regulatory agencies is required to ensure prompt permit issuance.

c. (1) TITLE AND LOCATION (City and State) FDOT, GIS Mapping for Channel 5 Bridge, Key West, FL	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024		N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
GIS Specialist. James assisted the AECOM Scientific Dive Team by producing maps and report figures to provide a visual representation of results from a benthic resource survey. Remote sensing techniques were utilized in advance of the survey team mobilizing to the site to identify potential construction barge staging areas void of seagrasses.

d. (1) TITLE AND LOCATION (City and State) City of Lakeland, Wetland Delineation and Wildlife Surveys, Lakeland, FL	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024		N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
GIS Specialist. James conducted wetland delineations and wildlife surveys for federal/state protected species within an approximately 900-acre area in Lakeland Florida to assist with a flood mitigation project intended to serve disproportionately disadvantaged communities. A high-accuracy orthorectified aerial mosaic was utilized to remotely identify major water bodies prior to ground truthing these features in the field.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
KOSTAS KAPETANAKIS, PE	TRANSPORTATION PLANNING	9	9

15. FIRM NAME AND LOCATION (City and State)
AECOM - Fort Lauderdale, FL

16. EDUCATION MS, Civil Engineering, Traffic/Transportation Specialization BS/MS, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) N/A
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY KOSTAS? Kostas Kapetanakis is a traffic engineer who conducts operational and signal timing analysis; traffic data collection, travel time, delay and gap studies; crash data analysis, field reviews; and collision, condition and conceptual improvement drawings using Microstation. In addition, he has experience in lane closure analysis on arterial and freeway segments; signal warrant analysis, bike-lane/sidewalk feasibility; signal and signing & pavements markings inspections; preparing engineering reports with findings and recommendations of traffic engineering studies and extensive knowledge of traffic engineering and data collection software programs such as HCS, SYNCHRO, SIMTRAFFIC, VISSIM, TRU-TRAFFIC, PCTRAVEL, RacPro and PetraPro and familiarity with the provisions of MUTCD, AASHTO, HCM, HSM, and TEM.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Miami Beach, General Transportation Planning and Traffic Engineering Services Contract, Miami Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2017	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Traffic Engineer. Assisted with the Traffic Impact Study for a proposed hotel at the Miami Beach Convention Center. Duties included operational analyses for existing and future traffic conditions using Synchro software, field reviews, peak hour operational analyses at various intersections, assistance in review of trip generation analyses. Projects include: SR 934 at Rue Vendome Street Closure; Alton Road and Chase Avenue Bike Lane Concept; Alton Road and 17th Street; 41st Street and Collins Avenue Geometry and Operations; 63rd Street and Indian Creek Drive Intersection Capacity Analysis.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami-Dade County, Professional Services for Transit and Public Works Projects Contract, Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Traffic Engineer. Responsible for conducting a traffic study update at the proposed Panther Station bus terminal facility. The study update includes traffic data collection, development of future background traffic, capacity and LOS analysis for existing and future traffic conditions using Synchro software, determine impacts and develop mitigation strategies and coordinate with Miami-Dade Dept. of Public Works and FDOT D6 for relevant background information.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 6, Districtwide Traffic Engineering for Maintenance and Traffic (MOT) Support Services Studies, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2020	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Traffic Engineer. Conducts field assessments, intersection and corridor operational analyses, traffic data collection, lane closure analysis, review MOT plans, coordination with District 6 Construction and Design Offices; provides assistance in preparation of engineering reports. Responsibilities also include identification and prioritization of forthcoming construction projects within the Work Program that are anticipated to have major traffic impacts and apply methods to minimize the impact to the public. Methods include early design stage project coordination with design firm, coordination with FDOT Project Manager, provide feedback in the MOT plans by doing lane closure analysis as well as traffic monitoring and coordination during construction. Relevant projects include: SR 7 from NW 8th Street to NW 36th Street – Traffic Analysis Study; SR 5 (US 1) from Ponce de Leon to SW 37th Avenue – lane closure analysis study; miscellaneous traffic engineering services during construction.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
ALEX MOUSADI, PE	LIGHTING & SPECIALIZATION	34	20

15. FIRM NAME AND LOCATION (City and State)
AECOM - Orlando, FL

16. EDUCATION
BS, Electrical Engineering

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
Professional Engineer: FL

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY ALEX? Alex Mousadi has broad based expertise in the planning, design, construction, integration, and testing of Intelligent Transportation Systems (ITS). As Senior ITS Engineer in the Orlando Office, he has experience serving as lead systems integrator on major multi-million-dollar projects throughout the U.S. These projects required both construction management skills and extensive system integration knowledge. Specific system experience includes the analysis, design, specifications, and inspection of DMS, digital CCTV, and Vehicle Detectors, including the use of NTCIP protocols, for communications systems. In addition his experience includes ITS software development and testing. He also provides construction inspection services of both indoor and outdoor fiber optics cable plans.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 5, SR 436 Interchange at Red Bug Lake Road, Seminole County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2013	2013

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm

Engineer-of-Record. This project included the final design of the SR 436 Interchange at Red Bug Lake Road and Winter Park Drive. Served as engineer of record for a continuous roadway lighting system within the corridor. Responsible for overseeing lighting and electrical system design including review of photometric analysis, voltage drop calculations, and plans for lighting, power and the control system.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Florida's Turnpike Enterprise, Veterans Expressway All-Electronic Tolling Gunn Highway to US 98, Hillsborough County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2016	2016

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm

EOR for ITS Design. Project included roadway, drainage, signing and pavement marking, signalization lighting, and ITS design to accommodate the conversion from traditional cash tolling systems to all-electronic toll (AET) systems. Served as Engineer of Record for the ITS components with responsibilities that included field evaluations and design support for specific ITS design elements including relocation of all ITS infrastructure on the mainline and ramps in areas where toll plazas were removed and toll gantries were installed.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
SunRail (Maitland Station), FDOT District Five, Maitland, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm

Engineer-of-Record. This project was performed under our General Consultant Engineering contract and included the final design of the Maitland SunRail commuter rail station. Served as the engineer of record for the parking lot lighting and pedestrian walkway lighting system within the rail station. Responsible for overseeing the lighting and electrical system design including review of photometric analysis, voltage drop calculations and plans for lighting, irrigation, power and the control systems.

d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Central Florida Expressway Authority, SR 417/SR 408 Systems Interchange, Orange County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm

Engineer-of-Record. This project includes the ultimate design of the SR 417/SR 408 Interchange for the Central Florida Expressway Authority (CFX). Serving as engineer of record for a continuous roadway lighting system including underdeck lighting and box girder lighting for two bridges within the corridor. Responsible for overseeing the lighting and electrical system design including review of photometric analysis, voltage drop calculations and plans for lighting, power and the control system.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
HUGO SOLANO	RIGHT-OF-WAY & PROPERTY ACQUISITION	22	1

15. FIRM NAME AND LOCATION (City and State)
AECOM - Fort Lauderdale, FL

16. EDUCATION: BS, International Business
17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline): Real Estate Salesperson: FL

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY HUGO? Hugo has more than 22 years of Real Estate Services experience managing full service Right of Way (ROW) projects. Additionally, he has provided Program Management and managed design-build projects with aggressive schedules for a variety of clients. Hugo brings valuable experience managing budgets, assuring that staffing and financial resources are readily available on each project, and he’s dedicated to the successful delivery of projects within schedule. His exceptional organizational ability has allowed him to manage project team operations in several different states. His client experience includes several State DOTs, Local, City and County Governments as well as Sewer Districts and Airport Authorities. He began his ROW career as an Acquisition/Relocation agent for the FDOT District Four, successfully completing the ROW Training Program.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
SR-9/I-95 at Gateway Boulevard, FDOT District Four, Palm Beach County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Manager. AECOM was selected to provide ROW services for this Interchange Improvement Project. The scope includes 25 acquisition parcels and 15 relocations. Services include but are not limited to ROW Acquisition, Relocation Assistance, Property Management, Business Damage Analysis/Review, Business Damage Report Review and Legal Support. Calculated replacement housing payments for owner occupied dwellings and prepared and presented relocation notices at the time of the initial offer. Also assisted with the preparation of the Needs Assessment Survey.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
SR-9/I-95 at Boynton Beach Boulevard, FDOT District Four, Palm Beach County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Manager. AECOM was selected to provide ROW services for this interchange improvement project. The scope included 30 acquisition parcels. Services included but were not limited to ROW Acquisition, Production Control, Property Management, Business Damage Analysis/Review, Business Damage Report Review and Legal Support.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
SR-9/I-95 at Sunrise Boulevard, FDOT District Four, Broward County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Manager. This interchange improvement project included 5 acquisition parcels and 3 relocations. Services include but were not limited to ROW Acquisition, Relocation Assistance, Production Control, Property Management, Business Damage Analysis/Review, Business Damage Report Review and Legal Support. Assisted in the preparation of the Needs Assessment Survey, and prepared and presented relocation notices for personal property relocation parcels.

d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
SR-826 Palmetto Expressway, FDOT District Six, Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Manager. Provided Acquisition Services for this road widening and ITS Camera improvement project. Included in the scope were 33 acquisition parcels consisting of Perpetual and Temporary Easements. Services include ROW Acquisition, Production Control, Business Damage Report Review and Legal Support.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
TRACY GLOVER	GRANT AND LOAN FUNDING	19	19

15. FIRM NAME AND LOCATION (City and State)
AECOM - Jacksonville, FL

16. EDUCATION BA, Communication Sciences and Disorders	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) N/A
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY TRACY? Tracy has extensive practical, technical, organizational, managerial, creative, and interpersonal skills. Her expertise is wide-ranging in the areas of disaster recovery and emergency management policy/eligibility, planning and training, Quality Assurance/ Quality Control (QA/QC), FEMA PA Appeals and Arbitration and project and cost development and validation. Tracy most recently served as Policy and Compliance Technical Specialist for a USACE Alternate Care Facility (ACF) in Colorado as part of the COVID-19 emergency response, facilitating adherence to project and cost eligibility and providing auditquality invoice review support. Tracy’s many roles span all phases of project development/ grants management, including Debris Monitor, Alternative/Improved & Critical Facilities Team Lead, QA/QC Advisor Lead, Office of Inspector General (OIG)/Arbitration Support Team Specialist and Project Officer/ Specialist for numerous disasters.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
DR-4332 Hurricane Harvey, Federal Emergency Management Agency (FEMA), Austin and Houston, TX	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Policy Advisor. Directly advised and gave procedural input to FEMA PA management to advance & streamline existing future Texas Recovery Office (TRO) operations. Authored operational process flows and formulated and contributed to standard operating procedures (SOP) for various FEMA processes. Worked with Office of Chief Counsel (OCC) and PA management/staff to research and draft formal Determination Memoranda (DMs) to relay project eligibility determinations to Harris County applicants. Reviewed documentation to ascertain additional information/data needed to support Applicants' project claims. Drafted formal Request for Information (RFIs) to assist in advancing project processing. Authored RFI documents in Spanish & reviewed RFI documents translated from English to Spanish to ensure effective communication with Spanishspeaking applicant. Tracked progress and status of assigned RFIs and DMs in SharePoint tool, reporting directly to PA management. Provided direct policy support to TRO/DR-4332 management/ staff.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Consolidated Resource Center (CRC), FEMA, Denton, TX	PROFESSIONAL SERVICES 2024	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Quality Assurance Specialist. Performed systematic eligibility reviews in Grants Manager (GM) for projects across disasters nationwide for adherence to applicable laws, regulations, policy, guidance, and various operating procedures as applicable by disaster. Addressed project eligibility with CRC Specialists and Lane Managers to further project development and progress. Provided policy-supported input and recommendations on projects in formulation to facilitate swift processing.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
DR-4339 Hurricane Maria, FEMA, San Juan, PR	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Planning and Training Specialist. Appointed to spearhead a Medical Service Provider Solutions-Based Team to address temporary facility, temporary repair, mold remediation and other emergency protective measures for medical service facilities across the Commonwealth. Primary policy point of contact for the Federal Coordinating Officer’s (FCO’s) LiDAR Task Force to explore LiDAR technology and data uses in PA projects. PA Policy Advisory contact for two largest sectors of the disaster. Conferred with Sector and Task Force Leads and other PA staff to formulate, review and revise Large Project Notification packages. Reviewed/revised multimillion-dollar projects to facilitate and expedite funding obligation. Formulated and facilitated project worksheet (PW) and specialty topic training/briefings for 2,000+ staff. Served as a subject-matter expert (SME) on the 428 (PA Alternative Procedures, or PAAP)) Program.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
GRANT DENTY, ENV SP	UTILITY COORDINATION	21	1

15. FIRM NAME AND LOCATION (City and State)
AECOM - Fort Lauderdale, FL

16. EDUCATION Technology Diploma, Geomatics Engineering Technology	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) N/A
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY GRANT? Grant has gained extensive experience acting as a liaison between Utility Owners, various Departments of Transportation (DOT's) and Design/Construction Engineering firms. Providing utility coordination services for a variety of public and private clients throughout Florida and the United States. Relying on his technical background his responsibilities include: identifying utility owners and facilities, design plans review, working with utility owners and analyzing subsurface utility engineering data to identify utility design conflicts and providing quality assurance & quality control to make sure placed out of service, current and future facilities are accurately depicted on various design plans. His Geomatics experience aids in the identifying of the subsurface utility engineering information which is vital in determination of conflicts with the proposed project design. His thorough knowledge of the latest statutes and regulations is also important in accomplishing these tasks.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Bridging North America Joint Venture, Gordie Howe International Bridge, Detroit, MI	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2019	2019

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Lead Utility Coordinator. In the role of lead Utility Coordinator with the Bridging North America Joint Venture on this high profile P3 design-build project to build a cable-stayed bridge and two ports of entry (POE) along the Detroit River border crossing. The crossing will connect the cities of Detroit and Windsor by linking I-75 and I-96 in Michigan with the new extension of Highway 401 (called the Rt. Hon. Herb Gray Parkway) in Ontario, Canada. This route will provide uninterrupted traffic flow, as opposed to the current configuration with the nearby Ambassador Bridge, which connects to city streets on the Ontario side. Grant reviewed all the utility data, utility permits and existing utility relocation schedules as they were received for content and coordinated review with the utilities and the design team. Held and officiated all the necessary preliminary and weekly project design utility meetings in aid of the design-build team.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Orange County, I-4 (SR 400) at Daryl Carter Parkway Interchange, Orlando, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2020	2021

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Utility Coordinator. This project will convert the Daryl Carter Parkway overpass, between Central Florida Parkway and State Road 535, into a diverging diamond interchange. The interchange will give motorists an alternate route to reach retailers and restaurants in the Lake Buena Vista area. Three new ramps connecting Interstate 4 (I-4) to Daryl Carter Parkway will be built: exit ramps from both directions of I-4 to Daryl Carter Parkway and an entrance ramp to eastbound I-4. Grant along with the survey team provided various survey and drafting tasks including utility designating (ASCE Quality Level B) and locating (ASCE Quality Level A) SUE within the project corridor and side streets as well as the creation of the Utility Adjustment sheets as part of the overall roadway plan set.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Seminole County, SR 429 (Wekiva Parkway) from River Oaks Circle to Orange Blvd, Orlando, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2017	2018

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Utility Coordinator. This project entails the design of 3.53 miles of new four-lane divided limited access highway along with dual two-lane frontage roads as part of 25-mile Wekiva Parkway in central Florida. Grant aided the survey/SUE team in the creation of the Utility Adjustment sheets as part of the overall roadway plan set. Grant was as part of the utility coordination group officiated all the necessary preliminary and design utility meetings in aid of the design team.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
CARLOS FLEITAS	HISTORIC PRESERVATION	31	3

15. FIRM NAME AND LOCATION (City and State)
AECOM - Coral Gables, FL

16. EDUCATION BA, Architecture	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) N/A
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY CARLOS? Carlos is an Architect, Urban Designer and Visual Artist with 31 years of professional experience in architecture, master planning, urban design and the fine arts. His experience includes architectural design, urban design, master planning, hospitality design, interior design, project management and coordination for projects that include entertainment, hospitality, retail, office, mixed-use, institutional, multi- family and singleresidential as well as graphic design and photography.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
The Village of Merrick Park, Coral Gables, FL	2021	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Lead Planner. A mixed-use development on 17 acres with 792,000 SF of retail space including: hotel, department stores, galleries, restaurants, retail shops, theater, residential units, and 80,000 SF of office space. The mixed-use retail development The Village of Merrick Park captures the gracious Mediterranean elegance of the City of Coral Gables. With its water features, manicured lawns and winding paths, the interior garden provides a festive gathering place for the community, and a daily escape from the ordinary. Other amenities include 60 residential units and 80,000 square foot of dedicated office space. The two anchor tenants, Neiman Marcus and Nordstrom, are flagship stores. With a combined 425,000 square feet, this is their largest presence in Florida. The specialty stores, world-renowned luxury retailers and destination restaurants that create an unprecedented shopping experience. AECOM was hired by The Rouse Company to provide master planning and conceptual design services for this prestigious, urban, mixed-use development totaling approximately 800,000 square feet on 17 acres.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Capital at Brickell Mixed-Use, Miami, FL	2021	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Lead Planner. Capital at Brickell was originally conceived as a double tower residential project, but the developer later decided to re- conceptualize the project so that one of the towers could become a hotel. The new architectural design was to reconfigure the tower while maintaining the project’s original exterior architecture and structural design. The hotel tower houses 352 guestroom/ suites, meeting rooms, two ballrooms and a banquet room, and incorporates a business center and retail area. An aquatic center on the eleventh floor has an adjacent restaurant and features impressive views of Miami’s Financial District area and nearby Biscayne Bay. The hotel houses two main restaurants, one prominently located at lobby level, and the other in a dramatic double-height space at the top floor of the building.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Galaxy, Miami, FL	2021	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Lead Planner. Planning and design for a mixed-use project on a 7.79-acre site. The Galaxy has three major components: the main retail/entertainment building; the garden courtyard; and parking structure. The project contains 345,000 leasable SF which can accommodate tenants ranging in size from 3,000 SF to 125,000 SF. The parking garage accommodates 1,473 cars on six levels.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
BOZHO HANDJIEV, PE	WATER & SANITARY SEWER SYSTEMS LEAD	24	21

15. FIRM NAME AND LOCATION (City and State)
AECOM - Tampa, FL

16. EDUCATION MS, Environmental Engineering MS, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY BOZHO? As a project engineer, Bozho has over 25 years of experience and has been involved in a wide variety of water, wastewater and reclaimed water projects for municipal clients. He has experience in process design as well as hydraulic modeling. He is well versed in the hydraulic modeling program WaterCAD and SewerCAD. In addition, he has prepared a number of Industrial Wastewater Treatment Plant (IWWTP) and National Pollutant Discharge Elimination System (NPDES) permit for industrial clients.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
George T. Lohmeyer WWTP, Chlorine Flash Mix Chamber Remodel, City of Fort Lauderdale, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Engineer-of-Record. Phased bypassing and decommissioning of the existing Chlorine Flash Mix Chamber (CFMC) at the GTL WWTP. Rerouting of 42-inch and 48-inch effluent piping of the three existing clarifier batteries from the CFMC to the Water Screening Facility. Relocation of numerous smaller diameter piping and electrical conduits serving the Sludge Dewatering Facility. Design included installation of numerous 48-inch and 42-inch wet taps and line stops on existing PCCP clarifier effluent pipes. Preparation of construction documents including plans, technical specifications, and cost estimate. Permitting services including minor modification to the facility FDEP permit. Engineering services during construction including shop drawings review and response to contractor’s RFIs.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Wastewater Pump Station Rehabilitation Program, City of Tampa, Tampa, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Engineer-of-Record. A five-year progressive design-built program for the rehabilitation of 24 wastewater City of Tampa owned pump stations. Review existing SCADA pump data, preparation of flow projections, and hydraulic analyses for sizing new pumps. Pump station rehabilitations included rehabilitations of existing submersible pump stations and conversions of existing wet pit/dry pit type pump stations to submersible type pump stations. Pump sizes ranged from 5 HP to 85 HP in either duplex or triplex pump configurations. Design of several force main extensions and replacements ranging in sizes from 6-inch through 14-inch including a subaqueous crossing of Hillsborough River with a 12-inch force main. Preparation of design-built packages that include construction plans and technical specifications. Permitting services including FDEP construction permits, building permits, FDEP Environmental Resource Permits, and Army Corp of Engineers permits. Engineering services during construction including shop drawings review and response to contractor’s RFIs.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Floramar Terrace Force Main Replacement, Florida Governmental Utility Authority, New Port Richey, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

PM and EOR. Project Manager and Engineer of Record Design of approximately 2,500 lf of new 12-inch force main to replace the existing 6/ 8-inch force main of Lift Station #1 which is a part of the Lindrick Utility System. Preparation of construction documents including plans, technical specifications, and cost estimate. Permitting services including FDEP construction permit and Pasco County ROW Use permit. Engineering services during construction including shop drawings review and response to contractor’s RFIs.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
LUIS LEON, PE, ENV SP	CONDITION ASSESSMENT	38	2

15. FIRM NAME AND LOCATION (City and State)
AECOM - Los Angeles, FL

16. EDUCATION BS, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: CA, AZ, NV, WA, OR, TX, MN Envision Sustainability Professional
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY LUIS? Luis is an associate vice president and brings a wealth of experience in engineering and management, both in the United States and internationally. His primary areas of expertise encompass master planning, feasibility studies, asset management, and design. Within the realm of design, Luis has a comprehensive background in developing plans, specifications, and estimates, securing permits, and overseeing the construction management of various public and private infrastructure projects. His portfolio includes a diverse range of endeavors, such as wastewater collection systems, water distribution facilities, storm drainage, transportation systems, and land development. Luis has played a pivotal role in managing projects that involve assessing, rehabilitating, expanding, and reconstructing utility systems for a wide array of complex commercial, residential, and government initiatives. His specialization extends to pipeline condition assessment and the innovative application of trenchless technologies in the design and rehabilitation of pipelines. His expertise in sewer collection systems has earned him national recognition from the Water Environment Federation, solidifying his status as a leader in the field.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
San Antonio Water System Condition Assessment, Capacity Assessment and Condition Remedial Measure Planning, San Antonio, TX	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2020	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm
Technical Lead who provided technical input to develop a multi-year prioritized sewer inspection program, including the use of closed-circuit television (CCTV), pole cameras, sonar, and laser imaging systems. Provided technical expertise in managing CCTV inspection contractors and in the assessment of more than 2,000 miles of sewer inspection data. Led an integrated team with client staff. Provided technical input and quality control of condition assessment and rehabilitation technologies to be applied to high-priority structural remediation projects. This project performed a risk analysis to identify gravity sewers with elevated risk of SSOs and structural deterioration.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Phoenix, Lift Station 40 Barrel 1 Force Main Condition Assessment and Rehabilitation, Phoenix, AZ	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2020	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm
Technical Lead who facilitated coordination with stakeholders, especially ADOT and the Arizona Grand Resort (owner of a golf course along 2,000 feet of the alignment) to plan for and reduce public impacts. Provided technical input in the analysis of rehabilitation options, including CIPP, and in the design for rehabilitation of the ductile iron force main via slip-lining, using a 20-inch DIPS, DR17 PE4710 HDPE pipe structural liner.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
County Sanitation District of LA County, Joint Outfall H – Unit 9C Trunk Sewer Rehabilitation, Los Angeles, CA	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm
Project Manager led the team that developed a work scope memorandum, design, and prepared a bid package containing engineering plans, specifications, and estimates, and other required contract documents for the rehabilitation of approximately 13,100 linear feet of existing 20-inch- diameter nonreinforced concrete pipe of the Joint Outfall H trunk sewers running in public right-of-way and also in easements under private properties. The project also included the rehabilitation of thirteen manholes and the construction of five new manholes. This portion of Joint Outfall H was constructed circa 1940 by Metropolitan Water District of Southern California and transferred to LACSD later on. The team also provided bidding services and engineering services during construction.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
KURT AHLGRIM, PE	DISTRIBUTION & COLLECTION SYSTEM DESIGN	19	6

15. FIRM NAME AND LOCATION (City and State)
AECOM - Orlando, FL

16. EDUCATION BS, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY KURT? Kurt has served as a professional engineer in the design and management of municipal engineering projects, including water and sewer conveyance, collection systems, water plants, wastewater plants, and hydraulic modeling of water and sewer systems and roads and streets. His background is founded in construction engineering, where he has participated in the building of many different utility projects.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Cape Coral, Gleason Parkway WAS and Fiber Optic Utilities Project, Cape Coral, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	Ongoing

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Deputy Project Manager/Project Engineer/EOR. Responsible for designing approximately 7,500 feet of a 6-inch waste activated sludge line and 10,300 feet of a fiber optic conduits. Design included two (2) canal crossings along Gleason Parkway. Scope of services also include coordination with geotechnical and environmental subcontractors, coordinating with state and federal officials for permitting, coordinating/conducting progress meetings and reviews with City.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Polk County, Northeast Regional Wastewater Treatment Facility Expansion, Polk County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2013	2015

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Engineer. Responsible during construction of the expansion of the NERWWTF from 3.0-mgd to 6.0-mgd, which included the entire treatment process from a new screening structure through an expanded reclaimed water distribution pump station; plus new sludge stabilization tanks. The overall project included preliminary and final design, permitting, procurement services, and engineering services during construction.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Orange County, Eastern Water Reclamation Facility – Phase V, Orlando, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2020	2020

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Engineer. Responsible for construction administration of a 5-mgd expansion project. Scope of services include construction coordination between Orange County and contractor, shop drawing/RFI reviews of various systems and structures throughout the plant, progress meeting participation, and site visits during construction.


d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Orlando Utilities Commission, Neighborhood Rehabilitation and Renewal Project, Orlando, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2018	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Engineer. Responsible for developing and coordinating a Preliminary Design Report for the replacement of 11,000 feet of existing water main in an Orlando residential neighborhood. The project scope included existing site and utility investigation, permitting requirement investigation, preliminary design drawings, and report development.

e. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Historic Miramar Infrastructure Improvement Program, Phase III, Miramar FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2020	2020

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Engineer. Responsible for design, permitting, and construction administration of a septic tank phase out and utility replacement project in Miramar, Florida. The project scope includes design and permitting of new potable water and sanitary sewer utilities for approximately 900 connections (single family, multi-family, and commercial).

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
	SHELDON BARNES, PE	PUMP STATION SYSTEMS	A. TOTAL 22	B. WITH CURRENT FIRM 22

15. FIRM NAME AND LOCATION (City and State)
AECOM - Fort Lauderdale, FL

16. EDUCATION BS, Mechanical Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY SHELDON? Sheldon is a mechanical engineer with experience in water and wastewater design and improvement, soil and groundwater assessment, and remediation at sites contaminated with petroleum hydrocarbons and chlorinated solvents. Specifically, his experience includes designing and constructing water and wastewater treatment facilities, pumping stations and rehabilitation of other various facilities. Sheldon brings extensive experience in evaluating existing conditions, site planning, and designing upgrades and conversions of existing and aging facilities. Sheldon will use his experience to manage projects related to pump stations – from analysis to design – while implementing successful project execution, well-defined objectives, and efficient resource management.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Jacksonville, LaSalle Street Drainage Improvements-Design Build, Jacksonville, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Lead Mechanical Engineer. Responsible for the process mechanical design of the new 112 cfs stormwater pumping station included in the drainage improvements to alleviate flooding in the LaSalle Street Basin. The pump station consists of five (5) submersible solids handling pumps, each producing approximately 12,600 gpm with a 150 HP motor. Mr. Barnes coordinated and attended the physical model test of the pump station’s wet well design and reviewed results and reports of the completed physical model tests. In addition, attended and witnessed the pump manufacturer’s factory pump performance tests. The project also includes the construction of storm water treatment units, as well as the installation of 5,557 linear feet of RCP drainage pipes sized between 15- and 60-inch diameter, and 570 linear feet of 48-inch diameter DIP forcemain discharging to the St. Johns River.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
South Florida Water Management District, STA 1W Expansion #2 – Stormwater Treatment Area, Palm Beach County, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Mechanical Engineer. Responsible for the mechanical design of three stormwater pumping stations with capacities ranging from 500 cfs to 625 cfs (300 mgd to 404 mgd) and 11 water control structures. Two of the pump stations each include the installation of two (2) vertical wet pit axial flow pumps driven by 350 HP motors, and two (2) of the same type pumps driven by diesel engines. The third pump station includes two (2) vertical wet pit axial flow pumps driven by 400 HP motors, and three (3) of the same type pumps driven by diesel engines. Each pump station is equipped with mechanical bar racks with trash rakes, debris conveyors, overhead crane and emergency generators. Mr. Barnes coordinated and reviewed reports and results of physical model tests for the pump station intakes, and attended and witnessed the pump manufacturer’s factory pump performance tests.


c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of North Miami Beach, Pump Station Evaluations and Renovation, North Miami Beach, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Mechanical Engineer. Responsible for providing the civil and mechanical design of three wastewater lift stations, which included converting one of the stations from dry pit/wet well to submersible.

d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Collier County, Wastewater Basin 306 Master Pump Station Design, Naples, FL	PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Engineer. Provided the preliminary design of a wastewater master booster station with the operational flexibility of producing capacities of 4,400 gpm with electric pumps and 11,000 gpm via diesel engine-driven pumps.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
 FERNANDO NAVARRETE, PHD, PE	STORMWATER		A. TOTAL	B. WITH CURRENT FIRM
			30	22

15. FIRM NAME AND LOCATION (City and State)
AECOM - Fort Lauderdale, FL

16. EDUCATION PhD, Ocean Engineering BS, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY FERNANDO? Fernando has 30 years of experience in water resources project design, including stormwater management, engineering and design, surface water restoration, environmental assessments and feasibility studies, hydraulic and hydrologic modeling, groundwater modeling and monitoring, and the complete design of complex large water resource projects. He also has experience in construction management and administration, as well as private provider inspection services. Additionally, Fernando is well-versed in project staffing needs, defining scopes of work and fees, coordinating subconsultants, permitting, managing design schedules, and communicating with clients. Some of his notable work includes the civil design of large restoration projects, such as the STA 1West Expansion #2 project for the SFWMD, the design of municipal utilities projects, water and stormwater rehabilitation projects, and the coordination of multidisciplinary teams.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State) Village of Key Biscayne, Zone 1 (K-8 Basin) Resiliency Improvements, Key Biscayne, FL	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024		N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Design Manager/Pump Station Design. Responsible for the pump station design for the Village of Key Biscayne’s Zone 1 Resiliency Improvement Projects. The project’s purpose is to alleviate localized flooding and enhance safety throughout the Key Biscayne K-8 Center Basin.

b. (1) TITLE AND LOCATION (City and State) City of Jacksonville, LaSalle Street Drainage Improvements, Duval County, FL	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing		N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm


Project Manager/Lead Design Engineer. Responsible for the alternative delivery design build project for the repair, replacement, and installation of the main storm collection system within the historic San Marco’s neighborhood. The project includes the construction of a new 112 cfs pump station, storm water treatment units, as well as the installation of 5,557 linear feet of RCP drainage pipes sized between 15- and 60-inch diameter, and 570 linear feet of 48-inch diameter DIP force main discharging to the St. Johns River. The project also included review of the previous modeling effort and modeling of the pre and post conditions for permitting of the project.

c. (1) TITLE AND LOCATION (City and State) City of Oakland Park, Water Main and Storm Drainage Improvements for the Bid Package #11, Oakland Park, FL:	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2021		N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Project Manager. Responsible for the design and construction management services for utility and stormwater improvements for Bid package # 11. The improvements included watermain replacement and relocation, sanitary sewer installation and the rehabilitation of the storm water management system to reduce flooding. The objective of the utility improvements was to abandon old undersized watermains and to improve the storm drainage system to relieve areas of localized flooding without interrupting utility service.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
	KAREN BRANDON, PE	NPDES PERMITTING	A. TOTAL	B. WITH CURRENT FIRM
			41	34

15. FIRM NAME AND LOCATION (City and State)
AECOM - West Palm Beach, FL

16. EDUCATION
BS, Environmental Engineering

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
Professional Engineer: FL

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY KAREN? Karen has civil, water resources, and regulatory experience in the design and permitting of large stormwater management, utility, and port projects with environmental impacts. She has also been involved in general consulting for several Water Control Districts and Community Development Districts, complex regional hydrologic modeling studies, development of municipal stormwater master plans and stormwater utilities, and roadway projects. Karen's broad experience in large water resource and stormwater management projects gives her the understanding and skill to know how to navigate and plan for NPDES permitting and all of the requirements for projects under this contract. Karen has served on the Palm Beach County NPDES Steering Committee Board for over 20 years.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Village of Key Biscayne, Alternative Analysis Drainage Assessment, Key Biscayne, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Principal-in-Charge. Responsible for the drainage assessment, with the goal to increase the current level of service for drainage and to plan for future climate conditions to provide a resilient system for the 704 acre Village. Solutions may include adjusting roadway elevations, increasing pipe sizes, increasing the number of drainage inlets, pump stations, etc. Includes public engagement and presentations to the Village Council.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Naples Stormwater Master Plan Update, Naples, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2018	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Deputy Project Manager/Technical Advisor. Responsible for the 2018 update to the Stormwater Master Plan that investigates key components of the City's stormwater system and establishes a foundation for future policy decisions. Key to the plan are adaptation strategies that consider current and future sea level conditions, integrate natural systems, offer co-benefits to the community and enhance city stormwater operations and environmental protections efforts.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Miami Beach, Flood Mitigation Consulting Services, Miami Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2019	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

QA/QC Reviewer/Permitting Advisor. Responsible for updating the recent master plan as a result of the proposed capital improvement projects. QA/QC review of design reports for multiple drainage basins for proposed stormwater management system improvements within the City. Reports included conceptual layout and design of stormwater management and pollution prevention systems to reduce flooding impacts due to existing system deficiencies and projected sea level rise

d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Municipal NPDES Program for South Indian River Water Control District (SIRWCD), City of Belle Glade and Town of Haverhill, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Senior Project Manager for Municipal NPDES Storm water permitting, annual reporting, program development, implementation and compliance for three (3) municipalities/special districts that are co-permittees on the Palm Beach County Municipal NPDES Permit. Responsibilities include preparation and participation in FDEP Audits and preparation of Water Quality Assessment Reports.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
RICH ULKUS, CGC	CONSTRUCTION SUPPORT SERVICES	40	36

15. FIRM NAME AND LOCATION (City and State)
AECOM - Coral Gables, FL

16. EDUCATION AAS, Civil Engineering Technology	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Certified General Contractor: FL FDEP Qualified Stormwater Management Inspector
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY RICH? Rich has 40 years of experience in the construction of a wide range of water and wastewater treatment projects, with unique experience in RO WTP construction and commissioning. He brings alternative delivery experience having worked on both design-build and construction management at risk (CMAR) projects through-out Florida. Rich brings unrivaled experience in the construction and commissioning of RO WTPs in the State of Florida having constructed nearly 100-mgd of cumulative RO WTP projects in Florida over the past 20 years. He is a certified general contractor in Florida.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Coral Gables, Miracle Mile Street Scape, Coral Gables, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2018	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Owner's Representative. Provided staff augmentation to City's capital improvement program staff to access causes related to poor project progress, implement corrective actions with all project parties and follow through with project management tasks for balance of project duration to achieve timely project completion of this \$25+ million urban improvement projects. Extensive coordination between all project stakeholders and problem solving abilities were required to achieve project completion with only minimal increases to project cost and schedule.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Wastewater Improvements Program, Miami-Dade Water and Sewer Department, Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2020	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Senior Construction Manager. Responsible for management of construction contractors implementing various plant upgrade project as part of Consent Decree Program. Program included wide range of projects from maintenance projects to new construction. Extensive coordination with contractor and Plant staff was required.


c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Emergency Home Repairs US Virgin Islands – Hurricane Irma	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2020	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Field Superintendent. Responsible for field management of subcontractor work crews providing Emergency repairs to more than 8000 homes under a FEMA STEP program. Duties included site QAQC resolving site construction issues and coordination between Homeowners and subcontractor work crews.

d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Graham Wellfield DB project, City of Hialeah, Hialeah, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Principal/General Contractor. Directed project staff responsible for the design and construction of the Graham well field for the City of Hialeah's ROWTP. Project included the design, construction and startup and integration of 4 – 2000 GPM brackish water production wells into the City's WTP system and relocation of various utility lines determined to be in the way of an upcoming Turnpike intersection project in the area.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
 EVERETTE LOPEZ, EI	CONSTRUCTION SUPPORT SERVICES	A. TOTAL	B. WITH CURRENT FIRM	
		22	22	

15. FIRM NAME AND LOCATION (City and State)
AECOM - Fort Lauderdale, FL

16. EDUCATION MS, Civil Engineering BS, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Engineer Intern
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY EVERETTE? Everett is a senior project engineer who has worked on a variety of engineering and construction projects involving water treatment process, underground pipe installation, repair and replacement, and general water and wastewater design. His professional experience has encompassed all aspects of a project from preliminary design to construction. Everett has extensive experience in construction engineering and inspection for all types of water, stormwater, and wastewater projects and will use this experience to effectively provide construction engineering and inspection services to the City.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Hallandale Beach, 30-Inch Sewer Force Main on NE 14TH Avenue, City of Hallandale Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Engineer. Responsible for the design and permitting of approximately 2,800 LF segment of 30-Inch PVC sewer force main on NE 14th Ave. in the City of Hallandale Beach, which will connect to a master meter at a City of Hollywood pump station. The project will include approximately 500 LF of 30-Inch HDPE pipe installed via Horizontal Directional Drilling method. Other responsibilities include preparation of technical specifications, coordination with utility companies for underground infrastructure and limited bidding and construction services.


b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Hallandale Beach, 18-Inch Sewer Force Main on Layne Boulevard, City of Hallandale Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Engineer. Responsible for the design and permitting of approximately 2,800 LF of 18-Inch PVC sewer force main along Egret Drive and Layne Blvd. in the City of Hallandale Beach, that will connect from the City's Pump Station No. 1 to an existing 14-inch FM. Part of the project involves installation of 16-inch ductile iron pipe across a (Florida Dept. of Transportation) FDOT roadway (E. Hallandale Beach Boulevard). Additional tasks include preparation of technical specifications and limited bidding and construction services.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami-Dade Water and Sewer Department (MDWASD), Hialeah Water Treatment Plant Chemical Building Lime Slakers Replacement & Structural Rehabilitation, Hialeah FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Engineer. Responsible for the replacement of the lime slaker system at MDWASD's Hialeah Water Treatment Plant Chemical Building. Prepared a technical memorandum that provided a comparable equipment review for the replacement of two existing 5,000 lbs/hr lime slakers, along with cost estimates for two new 4,000 lbs/hr lime slakers, two new 2,500-gallon stainless steel lime slurry tanks, two mechanical mixers, four new slurry transfer pumps, new canopy structure with support slab in a new containment area and all other appurtenant items for a complete and functional system. The project also includes limited structural rehabilitation of the chemical building involving repair of beams, columns, walls and flooring. Assisted in the preparation of contract documents consisting of final design drawings and technical specifications. Final design included selection and layout of all the new lime slaker equipment, including instrumentation, electrical upgrades, piping and appurtenances.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
 DAVID WILCOX, PE	TECHNICAL ADVISOR	A. TOTAL	B. WITH CURRENT FIRM	
		44	35	

15. FIRM NAME AND LOCATION (City and State)
AECOM - Tampa, FL

16. EDUCATION MS, Civil Engineering BS, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY DAVID? David is the water/wastewater engineering group manager. He has more than 40 years of experience in the design and construction of water, wastewater, and reclaimed water facilities including process selection, treatment systems, pipeline and pump stations, and the selection of equipment. David has been responsible for the design of numerous wastewater treatment facilities ranging in size up to 40-mgd and have utilized a variety of different BNR processes to meet effluent requirements.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State) Hernando County, Hill 'n Dale Water Main Replacement Program, Hernando County, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
	2021 2023

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Manager. Responsible for the design of 10,000-lf of potable water distribution piping ranging in size from 6-inches to 8-inches replacing undersized mains. The project included system-wide hydraulic modeling to confirm pipe sizes.

b. (1) TITLE AND LOCATION (City and State) City of Tampa, Pump Station Rehabilitation Program, Tampa, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
	2021 Ongoing

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Design Manager. Responsible for the preparation of plans and specifications for the rehabilitation of 25 wastewater pump station ranging in capacity from 250 gpm to 3500 gpm. In addition, three force extensions were designed consisting of 5,000 lf of 6-12 inch pipe.

c. (1) TITLE AND LOCATION (City and State) City of Clearwater, Reclaimed Water System Expansion, Clearwater, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
	2012 2016

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Manager. Responsible for providing hydraulic modeling and detailed design for over 225,000-lf of reclaimed water main ranging in size from 4 inches to 12 inches. All piping was installed by HDD. The project included system-wide hydraulic modeling to confirm pipe sizing.

d. (1) TITLE AND LOCATION (City and State) Manatee County, Holiday Heights WM Replacement, Manatee County, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
	2010 2013

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Manager. Responsible for the design resulting in the replacement of 35,000 lf of undersized water main with 8, 10 and 12-inch HDPE distribution piping. All piping was installed by horizontal directional drill resulting in a 25% cost reduction. Hydraulic modeling was performed to confirm pipe sizing.

e. (1) TITLE AND LOCATION (City and State) City of Tampa, Gravity Sewer Replacement/Expansion, Tampa, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES CONSTRUCTION (If applicable)
	1980 1989

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Manager. Responsible for the preparation of plans and specifications for the replacement of over 125,000 lf of existing 8-15-inch VCP gravity sewer with PVC pipe. Responsible for the design of over 200,000 lf of new 8-21-inch PVC sewer allowing for residents to connect to the City sewer system. Responsible for performing inspection of the installation of over 250,000lf of 8-15 PVC gravity sewer.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
ROGER WILLIAMS, PE	TECHNICAL ADVISOR	23	18

15. FIRM NAME AND LOCATION (City and State)
AECOM - Coral Gables, FL

16. EDUCATION MS, Environmental Engineering BS, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY ROGER? Roger’s expertise has included numerous installation methods such as the traditional open cut methods and trenchless installations such as Horizontal Directional Drill (HDD), Micro-tunneling (MT) with casings, and Tunnel Boring Machine (TBM) tunnels with precast concrete segmental liners. Roger is versed in the application of various pipe materials including DI, HDPE, PVC, PCCP, RCP, and FRMP materials of construction. He is a member of the AWWA Technical Standards Committee for Concrete Pipe Products and Gasket Materials.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami-Dade Water and Sewer Department, 72-inch PCCP Redundant Main at Preston WTP, Miami FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2020	2022

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Project Manager for the design and construction of 1200 of 72-inch PCECP main along West 2nd Ave, between 11th and 13th Streets, and the associated water, sewer, and drainage relocations. The project entailed 4 complex interconnections to an existing active Interpace-era pipe with provisions for mitigating risks and contingency plans.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami-Dade Water and Sewer Department, Miami Avenue 48-inch FM, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2019	2019

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Design Build Engineering Manager for 13,000 lf of 48-inch PCECP FM, 5,000 lf of 12-inch WM Improvements, 1000 lf of 24-inch drainage, and 72-inch Jack and bore crossing. Responsible for all utility design, MOT, permitting, and construction management for the accelerated project involving City of Miami, FDOT, MD-PWD and the stakeholders.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami-Dade Water and Sewer Department, 48-inch Downtown Water Main Loop, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2019	2019

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Task Manager and Technical Lead for the detailed design and Design Criteria for three (3) Microtunnel crossings consisting of a 72-inch steel casing and 48-inch DI carrier pipeline. Lead the efforts including alignment studies, staging plans, establishing contract work areas, and development of the Geotechnical Baseline Report.

d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
DB Criteria and CM Services, Installation of 54-inch Redundant Force Main on Washington and Euclid Streets, Miami Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2019	2019

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Project Manager / Construction Manager for the development of design criteria, technical specifications, 30% design drawings and overall construction management for the installation of 4600 linear feet of 54-inch Redundant Force Main by microtunneling (pipe jacking) using a minimum of three (3) shafts, and 700 linear feet of 54-inch open cut installation. The projects were subsequently value engineered to a 3300 linear foot 54-inch outside diameter HDD which is a record drilling effort in the SE United States.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
EVELIO CHAVEZ, PE	PAVING & DRAINAGE ASSESSMENT & DESIGN LEAD	39	1

15. FIRM NAME AND LOCATION (City and State)
AECOM - Coral Gables, FL

16. EDUCATION
BS, Civil Engineering, Florida International University

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
Professional Engineer: FL

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY EVELIO? Evelio Chavez is experienced in transportation design, project management, and business development experience in the South Florida region. He has worked closely with federal, public, and private clients in all aspects of project development. Mr. Chavez has been involved in a variety of large and complex highway design project types, lump-sum, design-builds, 3R and Program Management assignments. Duties have included serving as a general manager, responsible for business planning and implementation, and total quality management program development and implementation. As the Transportation Manager, he is responsible for client liaison and project performance, from the design phase through post design services.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 6, NE 203rd St. Intersection Improvements between SR 5/US-1 and West Dixie Hwy, Aventura, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm

Technical Advisor/Quality Control. Responsible for assisting the team with technical issue and the implementation of project work plan and quality control and assurance process. The reconstruction of this 2-level intersection is being reconstructed to alleviate congestion. The project includes two new flyover ramps, widening of a complex steel plate girder bridge and a design of a new pedestrian bridge.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Miami Beach, Replacement of Indian Creek Canal and Collins Canal, Miami Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm

Technical Advisor/Quality Control. Responsible for assisting the team with technical issue and the implementation of project work plan and quality control and assurance process. AECOM is leading the design, permitting, and construction phase services for the replacement of various 30-inch sanitary sewer force main subaqueous crossings across Miami Beach Waterways or Canals.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 4, SR 9/I-95 at Linton Boulevard Interchange Project, Palm Beach County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2020	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm


Quality Control Officer. This project involved the realignment and widening of the interchange ramps and widening of CR-782/ Linton Boulevard from west of Congress Avenue to SW 10th Street to meet the projected traffic levels in 2040. As the Quality Control Officer for this project, Mr. Chavez was responsible for the overall quality of the various design elements of the project.

d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 6, SR 826/Palmetto Expressway from E. of NW 32nd Avenue to W. of NW 17th Avenue – Segment 6, Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm

QA/QC Manager. The primary purpose of this project is to relieve congestion on the SR 826 corridor by increasing capacity and improving system connectivity, enhance safety by addressing operational, structural, and functional deficiencies and provide additional travel options. These improvements consist of the addition of express lanes, auxiliary lanes, reconstruction of the mainline and improvements to the existing interchanges. As QA/QC Manager, he ensured that the FDOT approved QCP Plan was followed and that the deliverables consisted of an effective design that was cost-effective, thoroughly checked and constructible.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
 LUIS TEJADA, PE	ROADWAY DESIGN	A. TOTAL	B. WITH CURRENT FIRM	
		25	23	

15. FIRM NAME AND LOCATION (City and State)
AECOM - Fort Lauderdale, FL

16. EDUCATION: BS, Civil Engineering
17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline): Professional Engineer: FL

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY LUIS? Luis has extensive experience in interstate highway design, major roadway design, as well as relevant experience in lighting, signalization, signing and markings and traffic control design of FDOT facilities. Certifications include: Advance Work Zone Traffic Control (FDOT Certified); Specification Package Preparation (FDOT Certified).

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 6, NE 203rd St. Intersection Improvements between SR 5/US-1 and West Dixie Hwy., Aventura, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm
Project Engineer. In charge of the roadway post design services of this \$41 Million project. Duties include plans revisions, request for information, shop drawings reviews, and traffic control plan adjustments.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami-Dade County DTPW, Dadeland South Intermodal Station, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm
Project Engineer. Dadeland South Intermodal Station Design-Build DCP Development Services. DTPW-Transit. Assisting with developing the Design Criteria Package for this Dadeland South Intermodal Station facility. Documents include the DCP, Scope of Services, Design and Construction Criteria, and Indicative Concept Plans. This project will improve station multimodal connectivity, transfer efficiency, accessibility, safety and security, capacity, upgrade station aesthetics, increase ridership, and enhance the passenger experience. This station will integrate BRT operations with the existing transit services (Metrorail and local bus service).The DCP requires close coordination with DTPW/FDOT to include the following departments; construction, survey, geotechnical, ITS, and signalization.


c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami-Dade County DTPW, South Corridor (South Dade Transitway) Rapid Transit, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	Ongoing

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm
Project Engineer. Assisting with developing the Design Criteria Package for this bus rapid transit (BRT) facility. Documents include the DCP, Scope of Services, Design and Construction Criteria, Indicative Concept Plans and Preliminary Temporary Traffic Control Plans. This project will convert the existing 20-mile transitway to a bus rapid transit facility by installing 14 BRT stations with center platforms and installing grade crossings at all the signalized intersections. The DCP requires close coordination with DTPW/FDOT to include the following departments: construction, survey, geotechnical, ITS, and signalization.

d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Miami Beach, Replacement of Force Main under Indian Creek Canal and Collins Canal, Miami Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm
Project Engineer. AECOM is leading the design, permitting, and construction phase services for the replacement of various 30-inch sanitary sewer force main subaqueous crossings across Miami Beach Waterways or Canals. Responsible for developing the Temporary Control Plans to replace the 30-inch sanitary sewer force main.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
	JUAN GARCIA, PE	DRAINAGE ASSESSMENT & DESIGN	A. TOTAL	B. WITH CURRENT FIRM
			35	25

15. FIRM NAME AND LOCATION (City and State)
AECOM - Fort Lauderdale, FL

16. EDUCATION: BS, Civil Engineering
17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline): Professional Engineer: FL

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY JUAN? Juan Garcia is a drainage engineer providing drainage design services for infrastructure improvements. Design responsibilities included drainage modeling of the stormwater management systems using the AdICPR floodrouting software, design coordination, preparation of drainage documentation report, CADD production of drainage related plans, and providing support for obtaining the required drainage permits.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 6, NE 203rd St. Intersection Improvements between SR 5/US-1 and West Dixie Hwy. Post Design Services, Aventura, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm
Drainage Engineer. In responsible charge for providing drainage post design services for the Florida Department of Transportation District 6’s re-design of the intersection of NE 203rd Street at US-1. Responsibilities include drainage shop drawing review and drainage post-design support.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami-Dade DTPW, Tamiami Station Park & Ride Bus Terminal, Miami-Dade County, Florida	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm
Drainage Engineer. Responsible for the Miami Dade Department of Transportation and Public Works new Park and Ride Terminal at Tamiami Station (located along the north side of Florida International University). Design responsibilities included drainage design and modeling of a new stormwater management system to meet all permitting and design criteria for the new facility.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Palm Beach County, Palm Beach International Airport Green Street Improvements, West Palm Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm
Drainage Engineer. In responsible charge for the improvements to palm Beach County’s Green Street, located just west of the Palm Beach International Airport. Design responsibilities included drainage design and modeling of a new stormwater management system to meet all permitting and design criteria for the improvements to the existing roadway.


d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami-Dade DTPW, PNR Expansion at SW 344th at Busway Station Park & Ride, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm
Drainage Engineer. Responsible for the drainage design of the expansion of the Miami Dade Department of Transportation and Public Works Park and Ride facility at SW 344th Street.

e. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 6, Krome Ave. from SW 136th St. to SW 88th St., Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2015	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm
Drainage. Provided in-house services to FDOT for the drainage design of the reconstruction of Krome Avenue (SW 177th Avenue). Design responsibilities included drainage modeling of the stormwater management systems using the AdICPR floodrouting software, preparation of drainage documentation report, CADD production of drainage related plans, and providing support for obtaining the required drainage permits.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
 <p>VIVEK REDDY, PE</p>	TRAFFIC ENGINEERING	A. TOTAL	B. WITH CURRENT FIRM	
		31	14	

15. FIRM NAME AND LOCATION (City and State)
AECOM - Fort Lauderdale, FL

16. EDUCATION MS, Civil Engineering BS, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY VIVEK? Vivek Reddy has 31 years of experience in traffic engineering, safety, access management, traffic operations, signal timing, fatal crash investigations, project management, public involvement, and intelligent transportation systems. Prior to joining AECOM, Vivek worked for the Florida Department of Transportation for more than 10 years, including six years as the District 4 Safety Engineer (DSE). As DSE, he was responsible for the development and implementation of multi-million-dollar Highway Safety Improvement Programs and management of the CTST Program. Vivek has successfully managed 20 Traffic Operations/Safety Studies contracts for FDO, City of Miami Beach, City of Miami, and Monroe County.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
South Corridor (South Dade Transitway) Rapid Transit	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	Ongoing

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Traffic Engineer. Responsible for preparing an experimental Plan for FHWA's approval. The purpose of this plan is to request an approval from the FHWA to install automatic gates and flashing lights at busway crossings on an experimental basis. This plan provides data collection procedures, performance measures, and a methodology to conduct a before/after evaluation study to determine the effectiveness of the gates on busway crossing safety. AECOM is Miami-Dade County's Owner's Representative for the delivery of the \$300 million corridor that runs 20 miles in length and connects numerous municipalities, which represent some of the fastest growing communities in Miami-Dade County.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 4, Districtwide Traffic Operational and Safety Studies, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2023	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Manager. Responsible for the development of safety improvements to address vehicular and pedestrian/bicycle crash patterns, preparing engineering reports, coordination with local government agencies, and overall management of this task work-order based contract. Performed a variety of studies, such as intersection and corridor safety studies, access management studies, signal warrant studies, interchange safety studies, traffic engineering studies, mid-block pedestrian crossing warrant studies, feasibility studies for Adaptive Signal Control Systems, 3R Safety Reviews, RSAs, fatal crash reviews, roadway lighting studies, GIS Cluster Analysis, pedestrian/bicycle safety studies, before/after studies, construction cost estimates for roadway improvements, benefit/cost and net present value analysis of traffic eng./safety projects. Other general services provided include the development of a methodology to identify potential locations for pedestrian channelization barriers and GIS-based tool to proactively identify locations for pedestrian/bicycle improvements.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 2, Traffic Operations Safety Studies and Concepts, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2023	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Project Manager. Responsible for the overall management of this contract, and for the development of safety improvements to reduce vehicular and pedestrian/bicycle crashes, preparing engineering reports, coordination with local government agencies and various FDOT offices. Currently performing a variety of traffic engineering/safety studies, such as intersection safety studies, corridor safety studies, access management studies, interchange safety studies, roundabout feasibility studies, safety assessment of bridges, GIS analysis, pedestrian/bicycle safety studies, construction cost estimates for roadway improvement projects, benefit/cost and net present value analysis of traffic engineering/safety projects.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
 KEITH STANNARD		PERMITTING/ NATURAL RESOURCES AND ECOLOGICAL ASSESSMENTS	A. TOTAL	B. WITH CURRENT FIRM
			29	25

15. FIRM NAME AND LOCATION (City and State)
AECOM - Fort Lauderdale, FL

16. EDUCATION BS, Biological Sciences	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) N/A
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY KEITH? Keith has over 29 years of experience in conducting and managing environmental programs and ecological investigations for a wide variety of public and private sector projects in South Florida including linear facilities (new infrastructure and improvements for roadways, rail, pipelines, transmission lines, etc.), site development/redevelopment (industrial, residential, mixed-use) and special-purpose projects (offshore/nearshore facilities, marinas, dams, dredging, basin studies, land management, etc.). He has an in-depth knowledge of federal, state and local environmental regulatory/permitting criteria and associated agency procedures in relation to ecosystem assessments; NEPA impact assessments & reporting; habitat conservation/restoration/enhancement and management. He also has extensive experience with marine and terrestrial habitat ecology; wetland assessments; protected species impact assessments, permitting and relocations; contamination assessments and remediation; noise and air quality assessments; socio-cultural effects evaluations; mitigation planning and design (marine and terrestrial); agency consultation; benthic resource assessments; coral relocations; and project management (communications, budgets, cost control, schedules, earned value, QA/QC).

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Village of Key Biscayne Zone 1 (K-8 Basin) Resiliency Improvements, Key Biscayne, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Senior Environmental Lead for comprehensive stormwater infrastructure improvements to aging and inadequate systems to combat flooding concerns from more intense and frequent rain events and rising sea levels. Tasks include environmental impacts assessments, tree surveys, benthic resource surveys, protected plants and wildlife assessments, environmental resource permitting, and coral relocations (for new outfalls) to be conducted prior to construction.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Miami Auburndale Flood Mitigation Improvements, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2023	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Environmental Lead for development of a Design Criteria Package (DCP) for flood mitigation and roadway improvements in the Auburndale Neighborhood to improve the stormwater drainage, roadway, and water infrastructure in the project area. Also providing environmental support for program management, grant administration, public engagement, and procurement support services through design and construction.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Districtwide Data and Reporting Consultant (NEPA/PD&E), FDOT D6, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Senior Technical Lead. Awarded three consecutive 5-year contracts to manage NEPA related tasks associated with various large and small-scale FDOT roadway improvement, new roadway, bridge replacement/ improvement, and other projects throughout Miami-Dade and Monroe Counties in Florida. Tasks include managing and conducting project impact reviews, natural resource assessments, contamination assessments, Section 4(f) and socio-cultural effects documentation, noise and air quality assessments, water quality assessments, inter-agency coordination, mitigation planning, and other activities/assessments for FDOT projects and producing the required documentation to facilitate environmental certification prior to construction. Tasks also include preparation and review of PD&E documents including technical reports, Reevaluations and other studies in conformance with the PD&E Manual.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
ISAIAH MOSLEY, GIT	PERMITTING/ NATURAL RESOURCES AND ECOLOGICAL ASSESSMENTS	15	13

15. FIRM NAME AND LOCATION (City and State)
AECOM - Coral Gables, FL

16. EDUCATION BS, Geology BS, Biology & Chemistry	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Geologist in Training
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY ISAIAH? Isaiah is a Scientist and Geologist proficient in regulatory permitting and construction oversight to ensure compliance with all regulatory requirements. He specializes in marine / freshwater habitats and geologic hazard assessments. Prior to joining the AECOM team and while working for the Florida Department of Environmental Protection, Isaiah implemented the Rules and Regulations of the State with respect to Environmental Resource Permitting, Compliance, and Enforcement.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Village of Key Biscayne Zone 1 (K-8 Basin) Resiliency Improvements, Key Biscayne, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Senior Biologist for comprehensive stormwater infrastructure improvements to aging and inadequate systems to combat flooding concerns from more intense and frequent rain events and rising sea levels. Tasks include environmental impacts assessments, tree surveys, benthic resource surveys, protected plants and wildlife assessments, environmental resource permitting, and coral relocations (for new outfalls) to be conducted prior to construction.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Miami Auburndale Flood Mitigation Improvements, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2023	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Senior Biologist for development of a Design Criteria Package for flood mitigation and roadway improvements in the Auburndale Neighborhood to improve the stormwater drainage, roadway, and water infrastructure in the project area. Also providing environmental support for program management, grant administration, public engagement, and procurement support services through design and construction.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Miami, Wagner Creek / Seybold Canal Dredge, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2021	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Serving as an **Environmental Scientist** assisting in the permitting through the Florida Department of Environmental Protection, Miami Dade County, Florida Fish and Wildlife Conservation Commission, U.S. Fish and Wildlife Service, and the U.S. Army Corps of Engineers for impacts associated with dredging. During construction, tasks included serving as Lead Marine Mammal surveyor to protect manatees during the dredging operation and compliance officer providing environmental construction oversight.

d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami Dade County Transit, Site Development, Miami Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2023	Year

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
Served as **Supervising Geologist** during the installation of more than 30 monitoring wells within southwest Miami Dade County. Progress reports were prepared and submitted daily. Soil sampling and preparation of notes detailing core logs were a daily activity as the temporary wells were installed. Monitoring wells were designed, installed, developed, and groundwater samples were collected per the FDEP SOPs. Samples were delivered to the lab and the proper chain of custody forms were completed. Lab results were discussed with the deputy project manager as a site plan was developed.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
ERIC BRIDGES, PE	CONSTRUCTION CONTRACT DRAWINGS AND SPECIFICATIONS	11	<1

15. FIRM NAME AND LOCATION (City and State)
AECOM - Miami, FL

16. EDUCATION BS, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: FL, Puerto Rico
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY ERIC? Eric has 11 years of roadway and highway geometric design experience including plans production, quantity estimates, analyzing design criteria, and GIS mapping related to Crash Analysis Reporting Systems (CARS). Eric is proficient in MicroStation, FDOT SS10, FDOT ORD, Corridor and 3D Modeling, drainage software ASAD, and AGi32, a simulation tool for designing lighting projects. Eric ensures compliance with FDOT standards, and AASHTO standards and specifications.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 4, Resurfacing of SR-838 / Sunrise Blvd from SR 817 / University Drive to NW 56th Ave, Fort Lauderdale, FL	PROFESSIONAL SERVICES 2024	CONSTRUCTION (If applicable) Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	Check if project performed with current firm	

EOR/Deputy Project Manager/Lead Roadway Designer. This project consists of milling and resurfacing, minor widening, curb ramp / sidewalk replacement and utility coordination.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 4, SR 804/E Ocean Avenue from SR 5/US 1 to SR A1A/N Ocean Blvd, Palm Beach County, FL	PROFESSIONAL SERVICES 2024	CONSTRUCTION (If applicable) Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	Check if project performed with current firm	

Project Manager/EOR. Eric is the project manager and engineer of record on this project for roadway and signing and pavement marking (S&PM). The intent of this project is to mill & resurface SR 804/E Ocean Avenue from SR 5/US 1 to SR A1A/N Ocean Blvd. Also, reconstructing curb ramps, sidewalk, S&PM, relocating pedestrian push button due to being out of FDOT compliance, and replacing signal loops damaged from milling operations.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 4, SR-806 / Atlantic Avenue from west SR 7 / US 441 to east of Lyons Road, Palm Beach County, FL	PROFESSIONAL SERVICES 2024	CONSTRUCTION (If applicable) Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

EOR/Deputy Project Manager/Primary Roadway Designer. The completed highway improvements include reconstructing the existing 2-lane undivided roadway into a 4-lane divided roadway while maintaining availability for the ultimate six-lane section. Eric created a 3D Modeled corridor, completed plans production and R/W preparation. The project is a pilot project for the bike lane channeling curb "Zicla Zipper", requested by the West Palm Beach Mayor through FDOT.

d. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 6, SR 25/Okeechobee Road (NW 138 St to NW 107 Ave), Miami-Dade County, FL	PROFESSIONAL SERVICES 2024	CONSTRUCTION (If applicable) Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Roadway and S&PM Designer. This project consisted of the Reconstruction and widening of SR 25 with concrete pavement, including two bridge widenings, intersection improvements, addition of slip ramp and auxiliary lane, and new signing and pavement markings.

e. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT D1, Recker Highway at CSX (Railroad Overpass), Polk County, FL	PROFESSIONAL SERVICES 2024	CONSTRUCTION (If applicable) Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Engineer. Responsible for the Roadway Design. This project is being completed in ORD. The primary purpose of the Recker Highway at CSX railroad overpass is to relieve traffic congestion and delay, especially for truck traffic, and improve safety. The project will provide an unimpeded direct link from US 92 to Recker Highway near Thornhill Road, eliminating the significant delay for trucks and automobiles during train crossing events.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
JOSE POLO, PE, CPESC	CONSTRUCTION SUPPORT SERVICES	38	28

15. FIRM NAME AND LOCATION (City and State)
AECOM - Fort Lauderdale, FL

16. EDUCATION MBA, Coursework BS, Civil Engineering BS, Electrical Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: FL Certified Professional in Erosion and Sediment Control
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY JOSE? Jose Polo has over 38 years of construction management and construction engineering and inspection experience in Florida on a diverse range of projects including highway and bridge projects in various roles, mainly in South Florida. In addition, Jose has experience in many traffic signalization, and ITS projects.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State) St. Lucie County, Advanced Traffic Management System Phase 1, St. Lucie County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable) 2022
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Senior Project Engineer. Provided CEI services on this \$6.4M ATMS project. Project consisted of the installation of 144 count SM fiber optic cable backbone and 12 count SM fiber drops installed in an existing and new conduit infrastructure, CCTV cameras, Bluetooth readers, upgrade 9 existing NEMA TS1 traffic cabinets to NEMA TS2 Type 1 Size 6 Econolite traffic cabinets, traffic cabinet UPS units, Managed Field Ethernet Switches, Layer 3 switch, firewalls and central Bluetooth management server. This project won the 2022 FTBA 'Best in Construction' Award.

b. (1) TITLE AND LOCATION (City and State) Palm Beach County Department of Airports, CEI Services for the Lantana Airport-Southside Redevelopment Phases 1 and 2, Lantana, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2020
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

CM/Sr. Project Engineer. Served as CEI Construction Manager/Sr. Project Engineer for the Lantana Airport redevelopment. Work included installation of storm drainage, water and sewer, excavation of ponds, embankment, stabilization, base, structural asphalt, electrical conduits, F.O.C., hangar construction, lighting, signing and markings, landscaping and irrigation.


c. (1) TITLE AND LOCATION (City and State) FDOT District Four, CEI Services for Districtwide OMD and PL-EM Rail, Martin and Broward Counties, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) 2019
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Sr. Project Engineer. Served as CEI Sr. Project Engineer subconsultant to Hanson Professional Services, Inc. for several FEC railroad crossings rehabilitation from Martin to Broward County. Work included: MOT coordination with FEC, Contractor, Emergency Agencies, School Boards, County Engineering and Transit Departments, residents and business as well as monitoring the railroad crossing rehabilitation work.

d. (1) TITLE AND LOCATION (City and State) Miami-Dade Expressway Authority (MDX), Design-Build Project for System-Wide Implementation of Dynamic Message Signs CEI, Miami, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2016
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Sr. Project Engineer. Oversaw CEI Services on deployment of 18 Dynamic Messages Signs (DMS) including confirmation CCTV cameras, incident management cameras, power services, and fiber optic cable throughout the MDX roadway network including SR 874 (Don Shula Expressway), SR 878 (Snapper Creek Expressway), SR 924 (Gratigny Parkway), SR 836 (Dolphin Expressway), and SR 112. Responsible for overseeing CEI Team and construction activities including drilled shaft foundations, gantry aesthetic structure erection, review electric power systems, ITS devices configuration, integration and testing.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
 GENEVIEVE CAVE-HUNT, ENV SP	ENVISION	A. TOTAL	B. WITH CURRENT FIRM	
		26	26	

15. FIRM NAME AND LOCATION (City and State)
AECOM - Coral Gables, FL

16. EDUCATION BS, Mechanical Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Engineer Intern: FL Envision Sustainability Professional
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY GENEVIEVE? Genevieve Cave-Hunt has extensive knowledge in project management, project coordination and development, design and permitting, design-build criteria package, procurement documents, and post design/construction management oversight. She is currently the Program Manager for the DTPW Transit GEC. Genevieve has worked on million-dollar projects for FDOT D6 and various entities within Miami-Dade County, including DTPW, Miami-Dade Aviation, Miami-Dade Parks Recreation and Open Spaces, and City of Miami Gardens. She has also worked closely with permitting entities such as Miami-Dade County RER, Public Works, WASD, the Building and Zoning Departments, SFWMD, FAA, and DERM.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami-Dade DTPW, Tamiami Station Park & Ride Bus Terminal, Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Deputy Project Manager. Responsible for managing the preparation of contract documents (technical drawings and specifications). Tamiami Station is a contract component of the SR 836 Express Bus Service and East-West SMART Corridor intended on providing infrastructure improvements to support non-stop service to the Miami Intermodal Center (MIC) at Miami International Airport and to downtown Miami along MDX SR836/Dolphin Expressway. Duties include close coordination with DTPW Transit management, initiating and coordinating all dry-run permits with RER (Building & Zoning), SFWMD, DERM as well as other local and state agencies, assisting with public involvement meetings and presentations, document control, and schedule/budget management. Project was awarded Envision “Silver” certification which is the first for Miami-Dade County.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami-Dade DTPW Transit, Dadeland South Intermodal Station, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Advisor for the Development of Design Criteria Package (DCP) and Associated Documents. Design-build contract for this intermodal facility. Documents include the Scope of Services, Design and Construction Criteria, and Indicative Project is targeting LEED for Transit Stations “Silver”-level certification. Responsibilities also include coordinating with RER (Building & Zoning) Section Supervisors, Office of Resilience, SFWMD, and other local agencies on permitting requirements.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami-Dade DTPW, South Corridor (South Dade Transitway) Rapid Transit, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2023	Ongoing

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Technical Lead. Led the development of Design Criteria Package (DCP) and associated documents for a Design-Build contract for this bus rapid transit (BRT) facility. DCP Documents include Scope of Services, Design and Construction Criteria, and Indicative Concept Plans as well as supporting documentation for Request for Design-Build Services procurement. Serving as Design Criteria Professional through the procurement process which included structured interviews with various departments. Coordinated with RER (Building & Zoning) Section Supervisors and Discipline Leads, SFWMD, and other local agencies on permitting requirements. Assisted client with gap analysis between engineer’s cost estimate and bid. For this partially federally-funded project, assisted with the development of the Project Management Plan (PMP) and supporting subplans for FTA approval.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
VIVEK KAMATH, PE	ENVIRONMENTAL ENGINEERING & HAZARD MITIGATION LEAD / ENVIRONMENTAL ENGINEERING	40	20

15. FIRM NAME AND LOCATION (City and State)
AECOM - Fort Lauderdale FL

16. EDUCATION MS, Thermal & Environmental Engineering BS, Chemical Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: FL AECOM Certified Project Manager
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY VIK? Vik is currently working as a senior environmental engineer at AECOM and manages a wide variety of projects ranging from permitting and compliance of solid waste management facilities, corrective action plans, surface water and groundwater monitoring and remediation, landfill closures, solid and hazardous waste management, methane gas mitigation projects, petroleum storage tanks and wastewater treatment and disposal facilities. As a permitting and compliance engineer, Vik is currently assisting clients on soil and groundwater remediation strategies, solid waste management, landfill closures, RCRA, CERCLA, NPDES, Title V and non-Title V air permits in the State of Florida. Prior to joining AECOM, he served as the Program Administrator for Waste Management at the Florida Department of Environmental Protection (FDEP) office in West Palm Beach. He has a thorough understanding of state, local and federal regulations and serves as an expert regulatory technical advisor for private and municipal clients in Florida.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Coral Gables, Biltmore Golf Course Maintenance Area, Coral Gables, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Lead Engineer/Project Manager for completing environmental assessment and remediation of arsenic contaminated soils in the immediate vicinity of the maintenance building. Assisted the City in procuring the services of a remediation contractor. Provided oversight and submitted Source Removal Report to the County for approval. Additional soils at one of the tee=boxes is targeted for removal in October 2024 pending receipt of authorization by the City. Considering the proximity of residences to the soil removal activities, a Air Monitoring and Health and Safety Plan will be in place. After completion of soil removal work, a remediation plan for arsenic impacted groundwater will be developed.


b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Coral Gables, Coral Gables Country Club, Coral Gables, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Lead Engineer/Project Manager for completing environmental assessment and remediation of soils and ground water impacted from an underground storage tank that discharged petroleum products. After the source removal activities were completed, a groundwater Monitoring Only Plan was implemented for 8 monitoring wells on the property to demonstrate natural attenuation of the petroleum compounds. AECOM is currently working with the City and the County to finalize a No Further Action with Controls strategy with a restrictive covenant.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Former City of Miami Convention Center/Regatta Park, Coconut Grove, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Lead Engineer and Project Manager for a complete environmental assessment of six different areas on a 15- acre site that was the location of the City’s Convention Center. After completion and regulatory approval of the site assessment activities, a Corrective Action Plan was developed for implementation by the contractor procured by the City. Upon completion of the corrective action, a certification of completion of construction with a No Further Action with Conditions was submitted and approved by the regulators, as part of a cost-effective risk-based corrective action approach. The site is now the location of a popular park in the Coconut Grove area. An engineering and institutional control plan is being proposed that will be part of the Restrictive Covenant for the property.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
	LORENA CLAURE	ENVIRONMENTAL ASSESSMENT	A. TOTAL	B. WITH CURRENT FIRM
			7	7

15. FIRM NAME AND LOCATION (City and State)
AECOM - Coral Gables, FL

16. EDUCATION BA, Ecosystem Science and Policy	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) N/A
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY LORENA? Lorena is a Project Manager and Environmental Scientist III in the AECOM Coral Gables office. She has six and a half years of experience working on due diligence, regulatory compliance, and remediation projects. As a Project Manager, her responsibilities include preparing proposals, procurement of subcontractors, coordination with clients and regulatory agencies, technical report reviews and invoicing. Her technical experience includes Phase I Environmental Site Assessments (ESAs) (ASTM E 1527-21), Phase II ESAs including providing oversight of monitor well and methane gas probe installation, sampling of groundwater, surface water, outfalls, sediment and soil, methane monitoring and more. Lorena’s expertise includes compliance with regulatory standards and managing multidisciplinary teams to deliver projects on time and within budget.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Florida Department of Environmental Protection, 20 Petroleum Restoration Program Sites , Various Sites, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Environmental Scientist for site assessments and remediation at active and former retail petroleum facilities. Her responsibilities include preparing and updating Health and Safety Plans, preparing Historical Site Summaries, and directing and conducting field activities in accordance with approved Scope of Work. Oversight of field activities include the installation of monitoring wells, soil and groundwater sampling and contamination delineation. Other responsibilities include preparing and submitting field notes, appropriate logs, technical memoranda, and reports.


b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Citrus Sands & Debris Landfill , Crystal River, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Environmental Scientist. Conducted groundwater sampling for long-term care water quality monitoring. Constructed methane monitoring gas probes for quarterly monitoring and reporting data collected on a semi-annual basis as part of FDEP permit requirements. Prepared an Evaluation of Site-Specific Conditions report in accordance with permit conditions. Provided subcontractor coordination and invoicing assistance.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Miami, City-Wide NPDES Outfall Monitoring program , Various Locations, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2018	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Deputy Project Manager for the M-0208 City-Wide NPDES Outfall Monitoring program which includes semi-annual surface water and/or sediment sampling of 33 locations and reporting. As part of this contract, AECOM also provides miscellaneous environmental engineering services. Tasks include ensuring the City of Miami is in compliance with the MS4 permit. Assisted with the preparation of an Annual Pollutant Loading and Event Mean Concentration Comparison Study. Assist with proposal writing, regulatory and client correspondence, and invoicing.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME		13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
	DEVANSH SHAH, PE	ENVIRONMENTAL REMEDIATION	A. TOTAL	B. WITH CURRENT FIRM
			8	6

15. FIRM NAME AND LOCATION (City and State)
AECOM - Coral Gables, FL

16. EDUCATION MS, Environmental Engineering BE, Environmental Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY DEVANSH? Devansh works as a Project Manager with AECOM and has over eight years of experience working on environmental engineering, regulatory compliance and remediation projects. He has been closely working with Senior Project Managers in managing projects and his responsibilities include Proposal Preparation, coordination with clients and subcontractors, technical report reviews and invoicing. His technical experience includes Level I and Level II environmental site assessment, groundwater remediation system design, conducting contamination reviews for roadways and transit projects, liner/vapor barrier installation inspections, source removal design, hydrogeological investigations, and regulatory compliance report preparation.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Florida Department of Transportation, District IV, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2019	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Project Engineer who provided labor support for the Planning and Environmental Management section of FDOT District 4 conducting contamination assessments to support the work program, conducting project re-evaluations, creating Request for Proposal language, and reviewing Project Development and Environment documents (Contamination Screening Evaluation Reports). Also, assisted FDOT by performing constructability reviews, equipment specification reviews, pond site evaluations, surveying for environmental features such as wetlands, listed flora and fauna, historical structures, socio-cultural and contamination related issues and other related duties as requested by the DCIC, as well as performing overall environmental project management on a number of projects.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Miami, City-Wide Outfall Monitoring, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2018	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Project Engineer for City-Wide Outfall Monitoring in compliance with their National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit. Tasks included coordinating with the client, lead the coordination with sub- contractors and field staff, evaluation of laboratory analytical data, and reporting of findings. Additionally, conducted pilot test to evaluate the source and treatment options for copper concentrations in the outfalls.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami Dade County Transit, Site Development, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2023	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Project Manager for Phase I site assessment and Phase II planning for upcoming planned transit network in Miami Dade County. Work included coordinating with various government agencies for file reviews, drafting contamination review report, preparation of Phase II plans, coordination with sub- contractors and coordination with field staff, working with transit and drainage teams to determine the assessment design, evaluation of laboratory analytical data, and reporting of findings.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Amy Streelman	13. ROLE IN THIS CONTRACT Senior Architectural Historian	14. YEARS EXPERIENCE	
		a. TOTAL 26	b. WITH CURRENT FIRM 26
15. FIRM NAME AND LOCATION (City and State) Janus Research, Inc Tampa, FL			
16. EDUCATION (Degree and Specialization) M.H.P. Historic Preservation B.A. English		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida Trust for Historic Preservation National Trust for Historic Preservation	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) State Road (SR) 9/I-95 from Oakland Park Boulevard (SR 816) to south of Glades Road (SR 808) in Broward and Palm Beach Counties	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. <input checked="" type="checkbox"/> Check if project performed with current firm The cultural resource assessment survey (CRAS) complies with Section 106 of the National Historic Preservation Act (NHPA) of 1966 (Public Law 89-655, as amended), as implemented by 36 CFR 800 (Protection of Historic Properties), Part 2, Chapter 12 (Archaeological and Historic Resources) of the FDOT PD&E Manual. No newly or previously recorded archaeological sites were identified within the archaeological APE and a reconnaissance survey confirmed that much of the APE has been altered by berming and ditching and the construction of the roadway. The historic resources survey resulted in the identification of one historic railroad and six historic canals. Of these, the Florida East Coast (FEC) Railway and the Hillsborough Canal were evaluated as eligible for listing in the National Register of Historic Places (NRHP). A reconnaissance survey was also undertaken to identify any significant historic resources outside the APE. This resulted in the identification of one previously recorded NRHP-eligible resource, the Seaboard Air Line (CSX) Railroad. Because all improvements are being constructed within the existing FDOT ROW, no impacts to historic resources are anticipated.		
(1) TITLE AND LOCATION (City and State) SR 9/I-95 PD&E Study from South of SR 870/Commercial Boulevard to North of Cypress Creek Road in Broward County	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. <input checked="" type="checkbox"/> Check if project performed with current firm The Cultural Resources Assessment Survey (CRAS) for this project resulted in the identification of no newly or previously recorded archaeological sites and a total of 173 historic resources. Only one historic resource, the Seaboard Air Line (CSX) Railroad (8BD4649), was considered eligible for inclusion in the National Register. All other historic resources located within the APE were considered individually ineligible for inclusion in the National Register. All the newly recorded historic buildings are representative of common post World War II constructed architecture that does not possess sufficient significance for individual listing in the National Register. Many of these buildings also exhibit exterior modifications that compromise historic integrity. The buildings are Masonry Vernacular in style, with few notable architectural features. FMSF forms were prepared for all newly documented historic resources.		
(1) TITLE AND LOCATION (City and State) Interstate 95 (I-95) / State Road 9 (SR 9) Project Development and Environment Study from South of Hallandale Beach Boulevard (SR 858) to North of Hollywood Boulevard (SR 820), Broward County	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. <input checked="" type="checkbox"/> Check if project performed with current firm This Cultural Resources Assessment Survey (CRAS) resulted in the identification of no newly or previously recorded archaeological sites and a total of 192 historic resources. Two previously recorded resources within the project APE were determined National Register-eligible: the Hollywood Seaboard Air Line Railway Station (8BD163) located at 3001 Hollywood Boulevard and portions of the Seaboard Air Line (CSX) Railroad (8BD4649/8DA10753). Updated FMSF forms were completed for these two resources. Additionally, the historic resource survey identified five resource groups: Orangebrook Golf Course (8BD6682), Sunset Gold (8BD6681), Silver Hill Jackson Condominium (8BD6680), Town Colony Condominium (8BD6679) and Holiday Park Mobile Estates (8BD6678). These historic resources groups were all considered National Register-ineligible. Finally, of the 183 historic buildings newly recorded during this survey, only one, Stratford's was considered National-Register eligible under Criterion C in the area of Architecture.		
(1) TITLE AND LOCATION (City and State) SR-9/I-95 @ SR 842/Broward Boulevard from West of SW 24th Avenue to East of NW/SW 18th Avenue Project Development & Environment (PD&E) Study, Broward County	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. <input checked="" type="checkbox"/> Check if project performed with current firm The Cultural Resources Assessment Survey (CRAS) for this project resulted in the identification of no newly or previously recorded archaeological sites and a total of 52 historic resources. The identified historic resources include one cemetery (North Woodlawn Cemetery-8BD4879), two resource groups (Seaboard Air Line (CSX) Railroad-8BD4649 and the Salvation Army Complex-8BD6346), and 49 buildings (8BD1452 and 8BD6298-8BD6344). Four of the historic resources were previously recorded (8BD1452, 8BD3414, 8BD4649, and 8BD4879), and 48 were newly recorded (8BD6298-8BD6344 and 8BD6347). Three historic resources, Seaboard Airline Railroad Station at 200 SW 21st Terrace (8BD1452), Seaboard Air Line (CSX) Railroad (8BD4649), and North Woodlawn Cemetery (8BD4879), were previously determined National Register-eligible by the SHPO. All other historic resources located within the current APE were considered individually ineligible for inclusion in the National Register. After the CRAS was accepted by the SHPO, a Case Study was completed for the three National Register-eligible resources. Based upon the Section 106 process, potential effects that the proposed project improvements may have on the identified National Register-eligible and -listed historic resources were evaluated. In consideration of available project information, the proposed project was evaluated as having no adverse effect on the Seaboard Air Line (CSX) Railroad (8BD4649) and North Woodlawn Cemetery (8BD4879). No adverse effect to the Seaboard Airline Railroad Station (8BD1452) was anticipated, but further consultation with SHPO may take place in order to ensure the design of the proposed canopy structure there will be sensitive to the historic station building.		
(1) TITLE AND LOCATION (City and State) Broward Commuter Rail South Project, Broward County	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. <input checked="" type="checkbox"/> Check if project performed with current firm Janus Research conducted the above referenced cultural resources assessment survey on behalf of the Federal Transit Administration. The historic resources survey identified and evaluated 15 previously identified structures, five previously identified resource groups and 54 newly identified structures within the project APE. Four of the resources are considered eligible or are listed on the NRHP. The Hollywood Boulevard Commercial Historic District (8BD3284) is listed on the NRHP. Two of its contributing resources are found within the APE, Broward Building (8BD4087) and Ingram Arcade (8BD574). The buildings are eligible as contributors to the district and are not individually eligible. Additionally, the FEC Railway (8BD4087) has been determined eligible and runs the length of the project corridor. The remaining resources are determined ineligible for listing in the NRHP. This SHPO concurred with these determinations and the finding of no adverse effects to the four eligible/ listed resources.		

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
KELSEY ESTEVES, PG	GROUNDWATER AND STORMWATER QUALITY ASSESSMENT	8	1

15. FIRM NAME AND LOCATION (City and State)
AECOM - West Palm Beach, FL

16. EDUCATION
BS, Geology

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
Professional Geologist: FL

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY KELSEY? Kelsey has over eight years of experience in environmental and geotechnical consulting in the southeast and southwest regions of Florida. Kelsey’s experience and qualifications encompass oversight of geotechnical and environmental investigations, quality assurance (QA) related to heavy earthwork and civil construction, coordination of and conducting Environmental Site Assessments (ESAs), and investigations and environmental remediation. She has worked on various projects for the private industry, the Florida Department of Environmental Protection (DEP), the U.S. Army Corps of Engineers (USACE), and the South Florida Water Management District (SFWMD).

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Groundwater Monitoring and Data Collection – Various Sites and IW Operation Permit, Solid Waste Authority of Palm Beach County, West Palm Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2024	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm

Project task manager. Variety of services related to baseline monitoring for landfill development, former landfill environmental monitoring and long-term care, and monitoring and remediation of miscellaneous sites managed by the SWA. AECOM also supports SWA with projects related to the evaluation of landfill redevelopment for both residential and recreational uses, as well as, permitting, testing, and maintenance for the two deep injection wells operated by SWA for industrial waste disposal. Additional services include operations and maintenance for LevelTrolls and AquaTrolls on a quarterly basis at the former and current landfills in Palm Beach County as well as hydrological modeling consulting services.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Confidential Client, General Environmental Due Diligence Consulting, Florida	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2019	Ongoing

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm

Secondary project manager. The goal of the work was to review third-party environmental due diligence reports and provide guidance on technical quality of the report, data gaps identified that may affect the client’s acquisition of the property, recommendations for development within the environmental constraints of the property (e.g., deed restrictions and activity and use limitations[AULs]), and recommendations for the client’s consideration related to their risk management. The scope of work included an initial review of the property using publicly available information and any prior due diligence reports or information provided by the client. The initial review identified potential concerns from the property, adjoining properties, general region (e.g., historically industrial) If the risk rating was high, then a Phase I ESA was recommended to further evaluate the property.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Phase II Environmental Site Investigations, Multiple Sites, Florida	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2020	Ongoing

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE
 Check if project performed with current firm

Project management. Performed, designed, and managed site investigation efforts, including the collection of soil, soil gas, sediment, and groundwater samples, including communicating results to clients in a timely manner. Managed investigations following local, state and federal field protocols, and client-specific scopes of work. Where necessary, she has formed project-specific teams to investigate multiple sites on expedited time frames in order to meet client schedules and deadlines.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
MICHAEL BENNETT, PG	GROUNDWATER AND STORMWATER QUALITY ASSESSMENT	A. TOTAL	B. WITH CURRENT FIRM
		35	15

15. FIRM NAME AND LOCATION (City and State)
AECOM - West Palm Beach, FL

16. EDUCATION MS, Hydrogeology BS, Geology	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Geologist: FL, TX, LA
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY MICHAEL? Michael is a licensed professional geologist and senior hydrogeologist with nearly 35 years of experience in hydrogeology, groundwater modeling, geochemistry, and geophysics. He provides technical consultation on permitting, groundwater hydrology, water resource assessment, aquifer storage and recovery, and deep well disposal projects. He also brings his expertise with project and construction management of multimillion-dollar groundwater resource, aquifer storage and recovery, and deep injection well projects.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami Beach, Hydrogeologic & Groundwater Monitoring Program, Miami Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2016	2019
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Manager. Based on limited existing data, the AECOM is leading a hydrogeologic investigation of Miami Beach in an effort to provide sufficient information to accurately depict subsurface hydrogeologic conditions for model conceptualization and to provide high resolution data for model calibration and verification. AECOM managed the drilling and testing of 42 monitor wells at 14 sites to gain information of the underlying hydrogeology. These monitor wells are used to determine long-term trends in ground water quality and level to provide sufficient hydrogeologic information for conceptualization and calibration of the 3-D Density Dependent Ground Water Flow Model to assess the effects on the ground water system based on various flood/stormwater mitigation strategies.

b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Miami Springs, Wellfield Assessment and Rehabilitation, Miami Springs, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2015	2022
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Wellfield Technical Lead. This wellfield consists of 23 shallow production wells drawing from the Biscayne Aquifer including those at the Hialeah WTP and within the City of Miami Springs. This report addressed the raw water production wells and associated mechanical, electrical, and structural components and functional integrity with the intent to provide a strategic evaluation and recommendations based on visual observed condition to extend the useful life of the facilities. Phase I included data/literature review, downhole video inspection all 23 production wells and reporting, engineering valuation, development of a list of recommendations and conceptual to design /repair/eliminate of individual production wells. Phase II included preliminary and final design of new production well construction. In addition, Mike continues to provide construction observation inspections necessary to certify specific components of the project.

c. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Miramar, Water Use Permit Modification, Miramar, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2017	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

Project Manager. AECOM prepared a modification to the City’s existing SFWMD Consumptive Use Permit to obtain permit rights to withdraw additional raw ground water from the Biscayne and Floridan aquifer system to meet projected 2034 finished water demands. Based on the need for additional raw water demands from the Biscayne, AECOM moved forward with a Ground Water Model Evaluation and Verification impact analysis.

E. RESUMES OF PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
CLAIRE STILL, ENV SP	ENVIRONMENT AND SOCIAL GOVERNANCE	13	9

15. FIRM NAME AND LOCATION (City and State)
AECOM - Glen Allen, VA

16. EDUCATION MPH, Environmental Public Health BS, Geology	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Envision Sustainability Professional Water, Sanitation and Hygiene Certificate
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

WHY CLAIRE? Claire is a Sustainability Specialist who provides support to private and public sector clients to build, improve, monitor and evaluate their sustainability to work towards more resilient practices. Claire has expertise in climate change vulnerability and adaptation, environmental justice and community engagement, demographic analysis, public health, greenhouse gas inventories, resource usage reduction, sustainability reporting, environmental management systems and large database management.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State) US 70 Climate Vulnerability Assessment, NCDOT, Raleigh, NC.	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm		

Sustainability Specialist. Part of the core team delivering a criticality and climate vulnerability assessment of the strategic corridor US 70 which includes 114 miles of roadway, bridges and culverts from the coast to Raleigh, NC. The methodology utilizes the Federal Highway Administration Vulnerability Assessment Scoring Tool (FHWA VAST). Claire serves as the criticality assessment lead for the project.

b. (1) TITLE AND LOCATION (City and State) Elizabeth City, Regional Vulnerability Assessment, Elizabeth City, NC	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm		

Sustainability Specialist. Part of the core team delivering a criticality and climate vulnerability assessment of the transportation assets in Elizabeth City, Pasquotank and Camden Counties. The methodology utilizes the FHWA VAST. Ms. Still is a technical advisor for the project.

c. (1) TITLE AND LOCATION (City and State) EJ Support, FEMA Office of Environmental Planning and Historic Preservation	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm		

Sustainability Specialist. AECOM is supporting the FEMA Office of Environmental Planning and Historic Preservation with the development of several policies. Working with FEMA's EJ experts to develop an agency-wide EJ Strategy and Executive Order matrix. Claire is serving as the primary client contact and EJ technical lead.

d. (1) TITLE AND LOCATION (City and State) Confidential Data Center Client, EJ Screenings	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2022	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm		

Sustainability Specialist. Conducted EJ screenings for a confidential data center client's 27 data center locations for potential EJ concerns using censusblock group level data from EPA's EJScreen, FEMA's National Risk Index and the CDC's Social Vulnerability Index. These screenings were accompanied by a detailed desktop screening of relevant regulations and additional reviews of the site. The reports included recommendations to address new and emerging EJ concerns in each of their data center regions related to communities, regulations and company reputation.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

12. NAME Mariana Evora, PE - Principal	13. ROLE IN THIS CONTRACT Sr. Prof. Eng.	14. YEARS EXPERIENCE	
		a. TOTAL 10	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION (City and State) Delta Consultants, Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) BS, Civil Engineering, Florida International University		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer: FL, No. 86167	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Certifications: FDOT Advanced MOT; NASSCO PACP, MACP, & LACP / Professional Organizations: CAACE, President; PPI Municipal Advisory Board			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> West Avenue Neighborhood Improvement Project City of Miami Beach, Miami Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 08/2022	CONSTRUCTION <i>(If applicable)</i> On-Going
(3) BRIEF DESCRIPTION <i>(Brief scope size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
The project included the hydraulic evaluation, design, and permitting of the complete public underground utilities of water distribution and transmission system, sanitary sewer collection system, and stormwater drainage system, including the verification and development of a stormwater model and a new 120,000 GPM (267.3 cfs) stormwater pump station. The design complied with NEC standard, including VFD's, electrical, instrumentation, and SCADA for automated controls. As the owner's design manager, Ms. Evora was responsible for the design of a complete and functional neighborhood improvement project, including a pedestrian friendly "Complete Street" redesign, the typical section, curb and gutter, raising roads, harmonization with lower lying adjacent properties, utility relocation, compliance with City standards and specifications, and compliance with Miami-Dade DERM requirements. After her departure from the City of Miami Beach, Mariana has been contracted to provide Construction Administration and Construction Services for the project. Cost: \$115,000,000 Specific Role: Design Manager / Construction Administration and Inspection			
b.	(1) TITLE AND LOCATION <i>(City and State)</i> First Street Neighborhood Improvement Project City of Miami Beach, Miami Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-Going	CONSTRUCTION <i>(If applicable)</i> On-Going
(3) BRIEF DESCRIPTION <i>(Brief scope size, cost, etc.)</i> AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
The project included the hydraulic evaluation, design, and permitting of the complete public underground utilities of water distribution and transmission system, sanitary sewer collection system, and stormwater drainage system, including the verification and development of a stormwater model and a new 200,000 GPM (445.6 cfs) stormwater pump station. The design complied with NEC standard, including VFD's, electrical, instrumentation, and SCADA for automated controls. As the owner's design manager, Ms. Evora was responsible for the design of a complete and functional neighborhood improvement project, including a pedestrian friendly "Complete Street" redesign, the typical section, curb and gutter, raising roads, harmonization with lower lying adjacent properties, utility relocation, compliance with City standards and specifications, and compliance with Miami-Dade DERM requirements. Cost: \$134,000,000 Specific Role: Design Manager			
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Venetian Causeway Water & Sewer Replacement via HDD – Phase I & Phase II City of Miami Beach, Miami Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 01/2022	CONSTRUCTION <i>(If applicable)</i> On-Going
(3) BRIEF DESCRIPTION <i>(Brief scope size, cost, etc.)</i> AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
The project included the design, permitting, and construction for the complete replacement of aerial and subaqueous pipes along the Venetian Causeway bridges. A total of 7,100 LF of 36-inch water mains were designed and permitted for replacement via HDD and 5,000 LF of sanitary sewer force main, ranging in sizes from 6 to 10-inches, were designed for HDD replacement between the venetian isles. Ms. Evora was the owner's design manager and construction administrator. Cost: \$20,000,000 Specific Role: Design Manager.			
d.	(1) TITLE AND LOCATION <i>(City and State)</i> 48-Inch Water Main Interconnect in the Vicinity of All Aboard Florida Station City of Miami Beach, Miami Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 10/2017	CONSTRUCTION <i>(If applicable)</i> 04/2018
(3) BRIEF DESCRIPTION <i>(Brief scope size, cost, etc.)</i> AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
The project included the expedited design, permitting, and construction of a 48-inch Water Main in the vicinity of the new "All Aboard Florida" Grand Central Station to avoid conflict with the inauguration of the proposed station that was already in final stages of construction. Major project components included installing approximately 100 LF of 30-inch, 500 LF of 36-inch and 800 LF of 48-inch ductile iron pipe and fittings for a new water main transmission line, including a Micro-Tunnel installation of the 48-inch with spacers encased (72-inch casing) ductile iron pipe under an active FEC Railroad, along NW 1st Ave from NW 8th Street to NW 5th Street, in Miami, Florida. The Micro-Tunnel included the design of the launching and receiving pits. Ms. Evora served as the Design Engineer for the project. Ms. Evora was responsible for the design of a complete and functional water main, including material selection, compliance with MDWASD standards and specifications, and all work for a complete and satisfactory completion of the new water transmission main. Cost: \$5,000,000 Specific Role: Design Engineer			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jacqueline Bonfill, RA		13. ROLE IN THIS CONTRACT Environmental Surveying		14. YEARS EXPERIENCE	
				a. TOTAL 35	b. WITH CURRENT FIRM 35
15. FIRM NAME AND LOCATION <i>(City and State)</i> J. Bonfill & Associates, Inc., Miami, FL					
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Architecture - University of Miami, FL			17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida - Registered Architect - AR0013685		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> National Council of Architectural Registration Boards - NCARB 42,659					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED:	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Roadway Improvements for Coral Way from SW 117 Ave to SW 87 Avenue, Miami, FL		2024	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Purpose Topographic Right of Way (ROW) Survey. Established centerlines of ROW. Establish a physical control baseline for the project using the center lines of the ROW including complete ROW. Above ground visible utilities and improvements. Established site benchmark. Located topographic data for approximately 25 feet or 50 feet beyond the PC of the radius returns along all intersecting Street 10 feet beyond ROW line. Location of drainage structures including: size, inverts, elevation. Cross sections at 25 feet. Pavement markings along the extension of the project. Tree location height, diameter canopy, common names. All data on state plane coordinates & overlaid on an aerial photograph. Locate overhead wires. ROLE: Professional Surveyor & Mapper			
Hydrographic Survey of Rockpit Lake at SW 344 Street Homestead FL		2023	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. <u>The hydrographic survey included profile lines</u> taken to accurately map the water depths within the required project area. Reference datum for the water depths in NAVD 88. Volume calculation for 32-acre lake. Fathometer calibrated for site conditions and used to obtain water depth within 32-acre lake. Trimble RTK GPS system tied into the FDOT network and calibrated fathometer to obtain water depths within the 32-acre lake on profiles spaced approximately 100 feet on center. Provided using Differential GPS (DGPS). Survey data logged and navigation providing Coastal Oceanographic' HYPACK software ROLE: Professional Surveyor & Mapper			
Miami International Airport (MIA) Building 3024 4331 NW 22 Street, Miami, FL		2023	N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Specific Purpose Topographic Survey including above ground improvements. Spot elevations at 20 feet grid. All pavement markings, canopies, walkways. All above ground visible utilities, including Rim and Invert Elevations of catch basins and manholes, light poles, electric boxes, guard poles, etc. All Existing drainage and sanitary sewer information. All utility boxes. Tree location. Information tied to State Plane Coordinates. Including Spot elevations at and around existing rolling doors (2 doors), FFE of the south side of building garage. Additional area along the north face of building. Elevation point at the existing walkway canopy roof structure ROLE: Professional Surveyor & Mapper			
MDCPS Cutler Ridge Elementary 20210 Coral Sea Rd, Cutler Bay, FL		2023	N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. Boundary Survey of 13.13 acres facility to determine a boundary line. Boundary control survey and stake out for installation of new fence along the easterly limits of the easement. ROLE: Professional Surveyor & Mapper			
City of South Miami Manor Lane, Canal & SW 64 Court South Miami, FL		2023	N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm e. Specific Purpose Survey including above ground visible utilities and improvements. (Electric boxes, meters, catch basins, manholes, poles). Establish site benchmark. Location and elevations of EOP, back of curb, front of sidewalk, back of sidewalk. Spot elevations every 25 feet. Location of drainage structures including: size, inverts, elevations. Canal cross sections 100 feet in each direction of the canal, cross sections at each 25 feet to include soft and hard bottom of canal. Tree survey within the ROW and adjacent to canal. All data on State Plane Coordinates ROLE: Land Surveyor & Mapper			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Gustavo Eckardt, P.E.	13. ROLE IN THIS CONTRACT Topographic Surveying	14. YEARS EXPERIENCE	
		a. TOTAL 22	b. WITH CURRENT FIRM 12

15. FIRM NAME AND LOCATION (City and State)
Premiere Design Solutions, Inc. - Miramar, Florida

16. EDUCATION (Degree and Specialization) B.S. Civil Engineering, University of North Carolina, 2022 Scheduling Seminar - Primavera Project Management, Miami Micro Data, 2005 Designing Pedestrian Facilities for Accessibility / ADA Seminar 2008. Work Zone Traffic Control & Maintenance of Traffic, MDX Seminar, 2010	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer Florida No.67553
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Chi Epsilon Civil Engineering Honor Society - Member
FES (Florida Engineering Society) - Member

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
CIP Citywide Topographic Surveys Opa-Locka, FL.	2016	N/A
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Eckardt is the project manager responsible for the production and coordination of survey drawings, and deliverables required for this project. This project included the topographic route surveys for over 200,000 LF of roadway to receive water and sewer improvements as part of the Capital Improvements Program (CIP) throughout the City of Opa-Locka. PDS is part of the Team to provide design criteria packages for the letting of this work. Costs: \$400,000.		
Surveying for Auburndale Phase I. Miami, FL	2024	N/A
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Eckardt is the Project Manager for this project, which encompasses the preparation of a Professional Land Surveying Services for the City of Miami, as part of their Citywide Program Management Support Services for Stormwater Infrastructure. Area of survey is approximately 10,750 LF of roadways located in the City of Miami. The survey area will include Right of Way to Right of Way (ROW) survey to show ROW lines and shall extend 25' into private properties at both sides of the ROW, showing property lines, driveways, asphalt pavement, roadways, access gates, concrete sidewalks, concrete curbs and gutters, concrete walls, pavement markings, striping, and fences. ROW width varies from 40' wide to 80'. Costs: \$195,468.		
East Flagami Flood Improvements, Miami, FL.	Ongoing	N/A
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Eckardt is the Project Manager for this project, which encompasses the preparation of a Professional Land Surveying Services for the City of Miami, as part of their Storm Water Infrastructure Project for flood improvements at East Flagami. Area of survey is approximately 26,550 LF of roadways located in the City of Miami and a lot of 0.3 Acres for a new pump station. The survey area will include Right of Way to Right of Way (ROW) survey to show ROW lines and shall extend 25' into private properties at both sides of the ROW, showing property lines, driveways, asphalt pavement, roadways, access gates, concrete sidewalks, concrete curbs and gutters, concrete walls, pavement markings, striping, and fences. Costs: \$400,142.		
WASD Large Diameter Piping Contract Miami-Dade County, FL	Ongoing	N/A
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Eckardt, as the project manager and engineer of record, oversees the design, construction administration, and land surveying support for these projects. This includes the installation of dual force mains: a 60-inch transmission force main (8,600 linear feet) and a 36-inch suction force main (7,500 linear feet) to convey sewage between the Country Walk area and the southwest Booster Pump Station (SP-1). Additionally, Mr. Eckardt managed a 42-inch force main project spanning 11,000 linear feet from SW 104th Street to SW 136th Street. His responsibilities include underground utility investigation, relocation design, stormwater modifications, and dual force mains design. Costs: \$1,375,000.		
Small Diameter Water & Wastewater Pipelines, Miami-Dade Water & Sewer Department, Miami-Dade County, FL.	Ongoing	N/A
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Eckardt as Project Manager closely collaborates with M-DWASD staff to develop technical memorandums, design drawings, cost estimates, and project schedules for water and wastewater infrastructure improvements. He manages the entire project lifecycle, all following M-DWASD guidelines. Mr. Eckardt also leads the permitting phase and oversees construction as the Engineer of Record, including inspections, review of submittals, and responses to RFIs. His work involves replacing outdated infrastructure, ensuring compliance with project requirements and procedures, and includes engineering design and surveying of over 75,000 LF of 8" and 10" water mains and over 30,000 LF of 8" gravity sewer. Costs: \$2,145,000.		

SECTION III

Project Understanding, Proposed
Approach, and Methodology

Project Understanding, Proposed Approach, and Methodology

Understanding of the RFQ Scope and Requirements

The City is important to us and we are excited to continue to support you in your endeavor to provide civil and environmental engineering services. Throughout this proposal, we have outlined AECOM's long history of proven experience in providing similar services to many municipalities in Florida, including our most recent experience working with the City. Our approach to this contract has been developed with our relationship in mind and by choosing AECOM as part of this contract, you will receive the benefits outlined below.

Responsive service: The contract involves various assignments with different needs and urgency levels. Tasks may require individual or team effort. We prioritize responsiveness, local leadership, and compliance with schedule and budget. Our experienced team is excited to continue to support the City.

Flexible and capable resources: The City will benefit from AECOM's experienced team in water resources, transportation, and utility engineering. We offer a flexible resource pool and extensive technical expertise and support.

Maximum value from budget: AECOM is sensitive to the importance of the City budget, and we prioritize the optimization and efficient use of CIP funds through engineering expertise and innovation. Our knowledge of water and wastewater technologies drives value in our solutions.

Operator engagement: AECOM involves plant operators and maintenance personnel early in project planning. We value input and foster partnerships for a detailed understanding of challenges and opportunities, and for consensus on solutions.

Reliable planning, cost control, and construction management:

Effective planning and cost estimation prevent challenges from unexpected costs. Our team prioritizes reliable estimates and closely oversees construction. We use various tools to control costs, including work prioritization, scope adjustments, and in-house construction management.

Our Understanding

AECOM is fully committed to understanding and addressing the City of Coral Gables' needs. We recognize the importance of delivering comprehensive engineering, planning, and consulting services that align with the City's goals for sustainable growth, infrastructure resilience, community engagement, and environmental stewardship. Our approach is rooted in a thorough understanding of the RFQ's scope and requirements, which include developing innovative solutions for capital improvements, infrastructure rehabilitation, water and sanitary sewer systems, paving and drainage, environmental engineering, and hazard mitigation.

We acknowledge that Coral Gables is a city known for its historic charm and distinctive Mediterranean Revival architecture, which requires careful consideration in all infrastructure and urban planning projects. Our team is experienced in working within similar contexts where preserving aesthetic value and cultural heritage is as important as enhancing functionality and resilience. We will apply this expertise to ensure all projects contribute positively to the City's unique character while meeting its infrastructure needs.

The AECOM logo is displayed in large, bold, black capital letters against a green background. The letters are slightly shadowed, giving them a three-dimensional appearance. The background features a vertical gradient from light green to a darker green, with a curved orange and grey border on the left side.

Overall Approach and Methodology

1

Comprehensive Planning and Coordination: AECOM's approach begins with a comprehensive planning phase, where we engage in a detailed review of all existing conditions, available data, and regulatory requirements. We will conduct site visits, stakeholder interviews, and community engagement sessions to gain a deep understanding of the specific needs and expectations of the City of Coral Gables. Our methodology involves integrating urban planning, landscape architecture, infrastructure engineering, and sustainability practices to develop holistic solutions that address the City's challenges comprehensively.

2

Strategic Project Management and Timely Delivery: To ensure all assigned work is completed on time, AECOM employs a robust project management framework that includes setting clear milestones, developing detailed work plans, and employing advanced scheduling tools such as Primavera P6 and Microsoft Project. Our project managers will closely monitor progress against the schedule, proactively identifying any potential delays and implementing corrective actions promptly. We will also utilize our extensive experience in risk management to anticipate potential challenges and develop mitigation strategies to avoid disruptions to project timelines.

3

Innovative Community and Stakeholder Engagement: A key component of our approach is fostering innovative interaction and communication with the community, City staff, and multiple stakeholders. AECOM understands that successful project delivery in Coral Gables requires active participation and buy-in from all parties involved. We will implement a comprehensive community engagement strategy that includes interactive workshops, town halls, online surveys, and social media outreach. This approach supports transparent communication, encourages community input, and helps build consensus around project goals. We are adept at leveraging digital platforms and tools to enhance community engagement, ensuring all voices are heard and incorporated into the planning and design processes.

4

Sustainable and Resilient Design Solutions: Sustainability and resilience are at the core of AECOM's approach. We integrate environmental considerations into every stage of project development, from initial planning and design to construction and long-term maintenance. Our team is experienced in designing infrastructure that not only meets current needs but is also adaptable to future conditions, including climate change impacts. For example, in our stormwater management projects, we employ green infrastructure solutions such as bioswales, permeable pavements, and rain gardens to enhance flood resilience while improving water quality and urban aesthetics.

5

Advanced Technical Expertise and Innovation: AECOM brings advanced technical expertise and a commitment to innovation to every project. We utilize state-of-the-art tools and technologies, such as Geographic Information Systems (GIS), Building Information Modeling (BIM), and advanced hydraulic modeling software (e.g., SWMM, HEC-RAS) to develop precise, data-driven designs and solutions. These technologies enable us to visualize complex data, optimize design decisions, and improve collaboration among project stakeholders. Our team is also well-versed in utilizing sustainable materials and construction techniques to reduce the environmental footprint of infrastructure projects.

6

Strong Regulatory Compliance and Permitting Expertise: AECOM has extensive experience working with local, state, and federal permitting agencies, particularly within Miami-Dade County and the City of Coral Gables. Familiarity with permitting procedures and strong relationships with regulatory bodies such as the Florida Department of Environmental Protection (FDEP), South Florida Water Management District (SFWMD), Miami-Dade Department of Regulatory and Economic Resources (MD-RER), and the U.S. Army Corps of Engineers (USACE) allows us to navigate the permitting process efficiently. We will ensure all necessary permits are secured promptly to avoid project delays, and we will work closely with the City's permitting staff to facilitate a smooth and timely approval process.

Strategies for Assuring On-Time Completion

- **Dedicated Project Teams:** AECOM assembled a dedicated project team, led by our experienced project manager, Magdala Cayemitte, to oversee all aspects of the project. This team will be responsible for coordinating all project activities, ensuring efficient resource allocation, and maintaining open lines of communication with the City and other stakeholders.
- **Proactive Risk Management:** We will implement a proactive risk management strategy to identify potential risks early in the project and develop mitigation plans to address them. Regular risk assessments and updates will be conducted to ensure the project stays on track and within budget.
- **Integrated Project Controls:** AECOM's project controls team will employ integrated scheduling, budgeting, and tracking systems to monitor project progress in real-time. This will enable timely identification of any deviations from the plan and allow for immediate corrective actions to be taken.

AECOM is uniquely positioned to provide the City of Coral Gables with a comprehensive and strategic approach to meeting the RFQ's requirements. Our methodology combines **rigorous planning, innovative community engagement, sustainable design, advanced technical expertise, and strong regulatory compliance** to deliver projects that are on time, within budget, and **aligned with the City's vision for sustainable growth and resilience**. We look forward to the opportunity to partner with the City of Coral Gables to create a thriving, resilient, and sustainable urban environment that reflects the City's unique character and **meets the needs of its residents for generations to come**.



AECOM's award-winning Coral Gables Fire Station 2 and Trolley Facility Project

Management Approach

Our local AECOM team is intimately familiar with the City’s project delivery requirements. AECOM understands that a wide range of civil and environmental project types from the City’s CIP could be assigned to our team under this contract. Our breadth of services available to the City will allow us to accept any project assignment throughout the contract and complete it with staff from our project team.

AECOM understands the special nature of continuing service contracts and the need to respond quickly on relatively small, yet critical, assignments of short duration, as well as managing long-term planning and design projects. Our concept of a successful working relationship with the City is to be a responsive partner and have the flexibility to adapt procedures and staff to fit the nature of the assignments to provide the best service possible. Timely turn-around on work products and knowledge of the City’s procedures, as well as regulatory agencies and stakeholders, are paramount to serving as an extension of your staff. The AECOM team will continue to be flexible to the City’s needs and will provide in-house specialty services that are responsive to your critical needs.

We commit to a collaborative working relationship with the City of Coral Gables.

We are confident in our ability to work with your organization in an efficient and positive manner based on our history together and the following factors:

TALENTED LEADERSHIP

Magdala Cayemitte, PE, CDT our project manager, has 18+ years of local infrastructure experience. Magdala will be the primary point of contact for project coordination and communication. She will be supported by technical leaders as needed for each project.

CAPABILITY TO DELIVER LOCALLY

With 1100+ staff in Florida, AECOM has a deep bench of resources with the technical expertise to deliver the City’s civil and environmental projects

COMMITTED TEAM LEADERS

Our team leaders, all local to Coral Gables, bring a wealth of expertise in their respective disciplines. Their deep understanding of the city’s unique expectations and requirements makes them exceptionally well-equipped to meet client needs. Committed to excellence, they leverage local insights and professional acumen to provide tailored solutions that resonate with the community. Their unwavering dedication to client satisfaction makes them invaluable assets in navigating Coral Gables’ dynamic landscape.

COMMITMENT TO QUALITY

Quality is an attitude, a culture and a way of life at AECOM. We strive to produce high quality project deliverables on time and within budget.

We take pride in developing accurate probable construction costs with enough detail to provide for objective analysis if there are issues.

UNPARALLELED SERVICE

Our clients can attest to the excellent level of service from AECOM. We will work diligently to earn your trust and develop a collaborative working relationship with the City’s team so we can work together to plan, design, permit and construct your CIP projects.

COMMITMENT TO SMALL BUSINESSES AND LOCAL PARTNERS

We have assembled a team of subconsultant partners to support AECOM, including Cobb, Fendley and Associates, Inc., Delta Consultants, LLC, Geosol, INC, J. Bonfill and Associates, JAEE Environmental Services, Media Relations Group, Pace Analytical Laboratory, Premiere Design Solutions, Inc., Reina Engineering, and Robayna and Associates.



Proven Leadership, Experienced Team

Our project manager for this contract is **Magdala Cayemitte, PE, CDT**. Magdala has extensive experience leading and executing civil and environmental infrastructure projects in Miami-Dade County. Her background includes water distribution/transmission, sanitary sewer collection and stormwater drainage design and utility coordination. She clearly understands the City's current infrastructure needs, and is very familiar with the City's underground utilities and congested corridors. Magdala will be active in defining project conditions, scope of work and resources necessary to complete all tasks within given budget and scheduling parameters. She will also provide project management supervision so that projects are completed in accordance with the scope, schedule and budget commitments.

As the saying goes, knowledge is power. Magdala is a **Construction Documents Technologist (CDT) certified by the Construction Specifications Institute (CSI)**. She has a full understanding of construction documents and will guide the team through the different project phases.



Our Project Framework

Rather than the traditional triple constraints, AECOM uses the "diamond" to represent the project elements of scope, people, schedule and financials. These elements form the foundation for planning monitoring and controlling a project. The diamond is the result of years of AECOM project management experience managing multi-disciplinary projects.

- The scope outlines the City's objectives and how r services will meet those objectives
- People includes the City, project team, subconsultants, vendors, the public, County officials and other key stakeholders.
- The schedule shows how our project schedule aligns with the City's schedule.
- The financials include project budgets and metrics that support communication and help set performance expectations.

Our project framework also includes integrating themes that must be managed across the four project elements:

- The City is at the center of everything we do. You will be engaged early and often to drive client satisfaction.
- We plan for regular client and team engagement, reporting a communication.
- We evaluate risks and work to manage them across the project life cycle, including new risks that are introduced when change occurs.
- AECOM's Quality Management System (QMS) is certified to the ISO 9001:2015 standard. Quality deliverables are an integral part of everything we do. Our work will meet the City's expectations and our standards.
- We communicate and manage change as soon as it is identified.

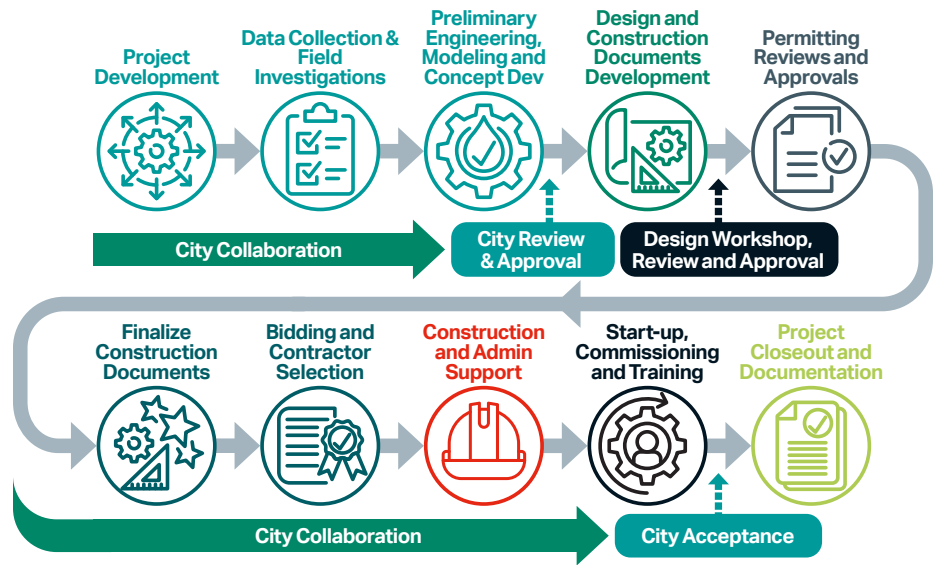
Together, the project elements and integrating themes make up our project framework. This framework is designed to produce consistent outcomes and covers every aspect of our work including planning, design, development, production, delivery and review. Successfully delivering all aspects of the project framework will result in project delivery excellence and fulfillment of the City's goals.



Approach to Work Order Delivery

We understand the importance of responding quickly to the City's requests for proposals. The City needs to execute different types and sizes of civil and environmental projects under this contract, and, as such, needs an experienced team with a proven track record.

AECOM's proactive work order-based approach is centered on quality, communication and long-term, resilient solutions. Successfully delivering concurrent projects with different scopes, schedules and budgets requires strong leadership, like Magdala's, with a thorough understanding of technical requirements, project control tools and the internal resources available



Project Planning and Phasing

Our approach to planning and phasing projects comes from understanding the specific drivers, goals, scope, site conditions, impacts, time and budget constraints. During the planning phase, all those parameters are discussed and thoroughly examined to determine project viability and alternatives.

The planning phase is the most important stage in a project, as its findings are the foundation for the next steps in the project lifecycle. Therefore, it is critical to thoroughly examine, explore, investigate, and discuss all aspects of the scope so that there is project success from the basis of design report (BoDR) to construction and close out.

Phasing a project or a program is largely dependent on the constraints that prevent the project scope from being completed in one continuous work effort. There are many constraints that clients we work with consider when phasing a project and below are some of the more common ones we encounter with clients in Florida and nationwide:

1. Budget: Not enough budget to do all in one project.
2. Schedule: Multiple contracts to do more in less time.
3. Permitting: Unable to get all permits required to complete all scope items.
4. Public consent: Unable to secure public approval in time in some locations.
5. Specialized scope: Very specialized scope items that requires specialized engineering and construction expertise.
6. Small business engagement and sharing the work: Provide opportunities for small businesses and more contractors to be involved in the project/program.
7. Site conditions/geography
8. Priority changes: Scope items with higher priorities are desired to be completed first.

Our team will work with the City during the planning phase to determine the best approach to complete and deliver each project on time, on budget. AECOM will employ a simple, but effective organizational framework to execute our assignments. The framework consists of the contract manager, the assigned project manager, and a series of key personnel to serve the City on this contract. This project delivery system will meet the objectives of the City and is consistent with AECOM's corporate method for work order contract execution. The system has proven its effectiveness on many large and small work order contracts with various federal, state and local government agencies and with clients in private industry.

Recent, Current, and Projected Workload

The following workload table provides a comprehensive overview of our recent, current, and projected projects across three critical sectors: water, transportation, and environmental work. This table is designed to offer a clear snapshot of our ongoing efforts and future commitments, highlighting our extensive experience and capacity in these areas. By detailing the scope, scale, and timeline of each project, we aim to demonstrate our ability to manage and deliver complex projects efficiently. With our ongoing projects, AECOM is fully capable of performing the work required by the City of Coral Gables for this contract.

Company/Agency	Dates of Service	Project Name	Scope of Services
Recent Projects			
MDPROS	September 2022 – January 2023	Ludlam Trail Design Criteria	Prepared design Criteria for the bridge along the trail
Florida Department of Transportation (FDOT), District 6	2021 - 2024	I-95 PD&E Study from GGI Golden Glades Interchange (GGI) to Miami-Dade County Line	Environmental permitting and NEPA compliance
City of Fort Lauderdale	2021 - 2024	Civil Engineering Services Contract	Civil engineering, wastewater treatment, forcemain design and distribution/conveyance services
MDWASD 48" Downtown MT DCP services	July 2015 - February 2021	MDWASD 48" Downtown Loop	DCP services
MDWASD TA #29B Misc. CEI Services in Hialeah WTP Basin	May 2016 - January 2023	MDWASD TA #29B Misc. CEI Services in Hialeah WTP Basin	Misc. CEI Services in Hialeah WTP Basin
MDWASD Task 29C Technical Specs and Standards	September 2016 - April 2021	MDWASD Task 29C Technical Specs and Standards	Eng. and technical Advisory services related to the update and publishing of WASD's donation specifications
Miami Ave 48" Force Main	October 2016 - May 2022	Miami Ave 48" Force Main	Planning, engineering, permitting and construction management services.
Miami Beach Flamingo Park Improvements	September 2017 - April 2020	Miami Beach Flamingo Park Improvements	CEI and Construction management services.
Miami Beach GIS and Engineering Services	October 2018 - June 2020	Miami Beach GIS and Engineering Services	As-needed engineering services
Miami Beach Stormwater Modeling & Master Plan	June 2022 - April 2024	Miami Beach Stormwater Modeling & Master Plan	Stormwater Modeling and Master Plan
Miami-Dade County Department of Economic and Environmental Resources	2023 - 2024	Contract E20-RER-01B	County-wide environmental consulting services for Bird Lakes Park, Demps Park, Eureka Villas Park, Greynolds Park, Pelican Harbor Park, Ruben Dario Park and Sierra Park
Miami-Dade County Department of Economic and Environmental Resources	2019 - 2023	Contract E14-RER-03	County-wide environmental consulting services Opa-Locka Airport, MDAD CSX Parcel, MDAD West Side Cargo Area Former Pond location and Annie Coleman Housing Complex (4 blocks)
North Miami Sewer Cap Analysis for Allure Dev.	November 2021 - March 2022	North Miami Sewer Cap Analysis for Allure Dev.	Sewer cap analysis.
Port Everglades	October 2019 – June 2024	Eller Bridge Rehabilitation	Prepare bridge painting and repair plans
Village of Key Biscayne	2023 – 2024	K-8 School BODR	Marine Benthic Survey (Update), Logistics, Tech Memo and Mapping

Current Projects			
City of Hialeah – Streets Department	2023 - Ongoing	SE 4 Pl to 7 Pl from 6 Ave to Se 8 Ave	Roadway, Drainage, Sidewalk and Lighting Improvements.
DTPW	March 2023 - Ongoing	NW 7th Street Bridge over CSX RR Rehabilitation	Prepared plans to paint bridge and minor bridge repairs
DTPW-Transit	2000 - Ongoing	South Corridor (South Dade Transitway) Bus Rapid Transit Design-Build DCP Development Services	Developing the Design Criteria Package for this bus rapid transit (BRT) facility. Documents include the DCP, Scope of Services, Design and Construction Criteria, Indicative Concept Plans and Preliminary Temporary Traffic Control Plans. This project will convert the existing 20-mile transitway to a bus rapid transit facility by installing 14 BRT stations with center platforms and installing grade crossings at all the signalized intersections.
DTPW-Transit	2023 - Ongoing	SE 5 St and SE 6th St from SE 4th Ave to SE 6 Ave., SE 7 St from SE 5 Ave to SE 6 Ave., and SE 5Av from US-27/Okeechobee Rd to SE 4 St.	Roadway, Drainage, Sidewalk and Lighting Improvements.
FDOT D6	February 2017 - Ongoing	D6DW Structures Design Services	Structural design/review services
FDOT D6	February 2018 - Ongoing	NE 203rd St Improvement Post Design Services	Assisting contractor and FDOT with shop drawings and RFI's during construction
Miccosukee Casino / Private	2023 - Ongoing	Signalization at Miccosukee Resort and Casino entrance along Krome Ave	Re-design of the intersection to accommodate signals at the Casino entrance.
SFRTA	February 2023 - Ongoing	Replacements of SFRC Bridge over Dania Cut Off canal C-11	Prepare construction documents to replace the existing bridge
City of Coral Gables	2014 - Ongoing	Coral Gables Country Club	Environmental Assessment and Remediation of contaminated areas and site closure using risk-based closure action with No Further Action with Condition
City of Coral Gables	2014 - Ongoing	Biltmore Golf Course	Environmental Assessment and Remediation of contaminated areas and site closure using risk-based closure action with No Further Action with Condition
City of Miami	August 2023 - October 2024	Miami Critical Asset and Facility Vulnerability Assessment	Identify City infrastructure at risk to flooding and to maintain eligibility for Resilient Florida grant funding.
City of Miami Beach	October 2022 - December 2024	Miami Beach Sea Level Rise Vulnerability Assessment and Adaptation Plan	Identify City infrastructure at risk to flooding and developing a long-term flexible approach to adapting to future conditions.
City of Miami Environmental Engineering Services	2016 - 2024 (Multiple MSAs)	NPDES MS4 Outfall Sampling and Compliance Report	Sampling City's 31 stormwater outfall locations on a semi-annual basis and reporting (to be completed in 2024)

City of Miami Environmental Engineering Services	2016 - Ongoing (Multiple MSAs)	Regatta Park and Bayfront Park	Environmental Assessment and Remediation Services for soils impacted from historic disposal of incinerator ash
FDOT D4	2022 - Ongoing	Contamination and Remediation	Environmental Assessment and Remediation of contaminated areas near construction projects
FDOT, D6	2020 - Ongoing	Districtwide Environmental Data and Reporting (DEDR)	Districtwide consultant for agency coordination, biological surveys, NEPA compliance monitoring, mitigation design and monitoring, literature reviews, report preparation, and other related tasks.
Florida Department of Transportation (FDOT), District 6 (Miami-Dade and Monroe Counties)	2020 - Ongoing	Districtwide Environmental Permitting	Districtwide consultant for environmental permitting including permit preparation and submittal, data collection, in-house staff support, field surveys, and post design activities.
FPM Remediations, Inc.	2011 - Ongoing (Multiple MSAs)	Former Homestead Air Force Base	Serving as a sub-consultant for assessment and remediation of 9 parcels on former HAFB that were transferred to the County. The site was identified as a Superfund Site after Hurricane Andrew. Remediation is on-going.
MDWASD Addl. CEI Services 72" Redundant WM	June 2022 - Ongoing	MDWASD Addl. CEI Services 72" Redundant WM	Providing construction engineering and FT inspection services.
MDWASD Branding & Strategic Communications Assignment	January 2023 - Ongoing	MDWASD Branding & Strategic Communications Assignment	Strategic Communications services for MDWASD
MDWASD Preston 72" WM	March 2017 - Ongoing	MDWASD Preston 72" WM	Design and permitting of 72-inch redundant WM at Preston WTP
MDWASD TA #22 Lime Slakers	November 2014 - Ongoing	MDWASD TA #22 Lime Slakers	Provide design, permit, bid, and construction phase services as described herein
MDWASD TA #28 MS Wellfield Phase 2	October 2015 - Ongoing	MDWASD TA #28 MS Wellfield Phase 2	Provide design-bid-build and permitting services for Phase 2 of the wellfield rehab project.
Miami Beach CSO 2 Large Diameter HDDs	February 2022 - Ongoing	Miami Beach CSO 2 Large Diameter HDDs	Design, permitting, and construction services.
Miami Beach Dade Blvd. WM Replacement	August 2022 - Ongoing	Miami Beach Dade Blvd. WM Replacement	Design, permitting and limited construction support services for the replacement of water main along Dade Blvd.
Miami Beach NASSCO Training & Support	July 2023 - Ongoing	Miami Beach NASSCO Training & Support	NASSCO Training & Support Services
Miami-Dade County Department	2023 - Ongoing	Contract E20-RER-01B	County-wide environmental consulting services for Virginia Key Landfill, Harbor Park, Ruben Dario Park and Sierra Park
Miami-Dade County Department of Economic and Environmental Resources	2023 - Ongoing	Contract E14-RER-03	County-wide environmental consulting services for Virginia Key Landfill, and MDAD West Side Cargo Area Bldg. 2064 Monitoring Only,

Projected Projects			
City of Naples	September 2024 - September 2025	Miscellaneous Resilience Support	Supporting the implementation of the City's Adaptation Plan. Tasks include a business case of resilience, updating seawall ordinance, and thermal hot spot analysis.
Florida Department of Transportation (FDOT), District 6 (Miami-Dade and Monroe Counties)	2024 - Ongoing	Districtwide NPDES MS4 Misc. Support	Districtwide consultant to assist with the National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Program in conducting required inspections, monitoring, inventory tracking, and reporting.
MDWASD	September 2024 - TBD	MDWASD Preston 72" WM Amendment 2	MDWASD Preston 72" WM Amendment 2
Miami-Dade County Department of Economic and Environmental Resources	2024 - TBD	Contract E20-RER-01B	County-wide environmental consulting services for Virginia Key Landfill, Port of Miami Seaboard Marine, West Little River Park and Royal Green Park

Preserving Historic and Natural Environment

Our team merges landscape architecture, urban design, planning, infrastructure, resiliency, sustainable development and economics to help cities and communities thrive.

Our work positively impacts cities and communities through integrated design that addresses social space, cultural relevance, infrastructure, active mobility, natural habitats and resiliency. Our practice is both broad and specific with professionals across all disciplines - urban planning, master planning, landscape architecture, economics, urban analytics, sustainability, parks and community planning. City making demands both benefits for citizens and returns to investors.

Nothing is more important to this equation than creating destinations that inspire use and reward it with memories, a shared sense of belonging and invariably, greater value. Great places, places that we love and return to again and again, are not formulaic, though most share several attributes. Activated places with comfortable, memorable spaces can balance the often-competing needs for community ownership, social equity, financial success, resource conservation, vernacular identity and cosmopolitan appeal. Our challenge is to accomplish a successful blend of ingredients over the shortest possible time.

Planning and Consulting Services

At AECOM our planning teams deliver documents that guide policy, strategy and site configuration. Processing quantitative and qualitative data, developing and applying advanced modeling tools, and consulting closely with communities, we drive social quality, economic growth and environmental sustainability.

Clients trust AECOM's planning services allowing them to map a path forward for a new development as well as a redevelopment of buildings, campuses, infrastructure, cities and regions.

We help our clients manage the cost of their projects, navigate the full development cycle and reach advanced levels of sustainability, including LEED and BREEAM ratings. We collaborate with our architects, engineers and landscape architects to create transformative urban environments.

Our planning and consulting services include:

- Cost Consulting
- Economics
- Facilities Condition Assessment
- Geospatial Services
- Master Planning
- Public Consultation
- Specification Consulting
- Strategic Planning
- Sustainability Consulting

Cities Solutions

As cities continue to recover and reinvent themselves to provide equitable, safe, and sustainable places for their citizens to live, play, and thrive, we are supporting and advancing critical infrastructure programs in cities globally to deliver a better world. Cities have never been more important, nor the competition among them more intense. Those positioned to excel in this time of incredible challenges will emerge stronger by pursuing broad, holistic infrastructure solutions that address inequities, unlock hidden value, attract people and investment, and overcome financial and operational challenges.

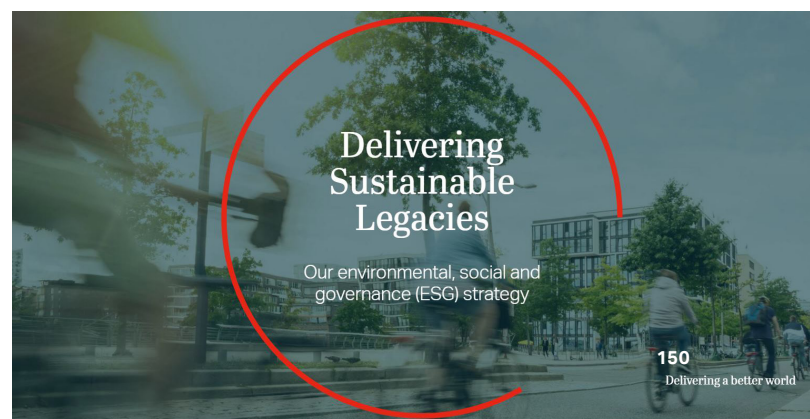
At AECOM, we offer both the depth of insight and breadth of expertise required to thrive in these conditions.

We believe no one discipline has all the answers to urban challenges. Our unique contribution to the urban agenda is our whole-systems approach to better prioritize projects, plan ahead, protect vulnerable assets, and provide sustainable growth.

Much has been said in recent years about making our cities smarter. Our aim is to go one step further and make them not just smart, but more resilient places that are responsive to the people who live in them and sensitive to the ecological environments in which they inhabit.

As a global company with a deeply rooted presence in many of the world's major urban centers, we routinely connect the best ideas and insights — blurring the boundaries of both geography and profession, and engaging with public and private sectors, to help cities overcome their challenges and build brilliant futures. This work embraces a diversity of established and emerging project types — from citywide masterplans and climate change adaptation, to integrated design and operation of transport systems, to the development of innovative urban resilience strategies and programs. We work with cities large and small, mature and emerging, directly for city governments or with those who have a critical stake in the future development of their city to imagine and implement the urban environments and critical resilient infrastructure of tomorrow.

As one of the world's most trusted infrastructure consulting firm, AECOM partners with clients to solve the world's most complex challenges and build legacies for generations to come. We have harnessed our collective expertise and data to develop our **Sustainable Legacies** strategy to ensure that our work leaves a positive, lasting impact for communities and our planet.



From Conceptual Design to Project Execution

At AECOM, we excel in transforming conceptual projects into clearly defined, actionable plans while minimizing community impact through a systematic and innovative approach. Our ability to positively and effectively move a project from the conceptual stage to a fully defined design and construction phase is built on our extensive experience, multidisciplinary expertise, and commitment to community engagement.

Approach and Methodology to Design and Execution

- 1. Early and Comprehensive Planning:** Our process begins with thorough studies and analyses to gather all relevant project details. This includes environmental assessments, site selection studies, feasibility analyses, and stakeholder consultations. By conducting these preliminary studies, we ensure that the initial stages of project development consider all environmental, social, and economic factors. This holistic approach helps identify potential challenges early and informs project design and layout to avoid or minimize impacts.
- 2. Innovative Stakeholder Engagement and Community Involvement:** AECOM prioritizes early and ongoing engagement with stakeholders, including regulatory agencies, community members, and special interest groups. We use a variety of innovative engagement strategies, such as interactive workshops, virtual town halls, and digital surveys, to gather input and address concerns from the outset. For instance, in the City of Miami Beach Stormwater Master Plan Update, AECOM conducted extensive community outreach to incorporate public feedback into the planning and design process. This approach allowed us to develop stormwater solutions that not only met technical requirements but also aligned with community priorities, enhancing public support and minimizing disruptions.
- 3. Advanced Digital Tools and Modeling Techniques:** AECOM utilizes cutting-edge digital tools and modeling techniques to optimize project planning and execution. We employ 3D modeling and Building Information Modeling (BIM) to detect and resolve design interferences early in the process, minimizing on-site construction issues and reducing the need for costly modifications. Additionally, we leverage advanced decision support tools, such as customized ArcGIS applications, to analyze multiple scenarios and prioritize improvements based on environmental metrics and community input.
- 4. Integrated Design and Construction Planning:** Our integrated approach to design and construction planning ensures that all aspects of a project are coordinated from the start, reducing the potential for delays and minimizing community disruption. AECOM's project managers work closely with design teams, contractors, and regulatory

bodies to streamline permitting processes, align schedules, and coordinate logistics. This collaborative approach enables us to manage resources effectively and execute projects efficiently.



ZONE 1 RESILIENCY IMPROVEMENTS PROJECT, KEY BISCAYNE, FLORIDA

For example, in the Village of Key Biscayne Zone 1 Resiliency Improvements project, AECOM used hydraulic modeling and GIS tools to assess flood risks and design resilient stormwater infrastructure that minimized impacts on existing urban areas. By simulating different storm scenarios and incorporating community feedback, we were able to develop a design that enhanced flood protection while preserving the character of the neighborhood.

- 5. Sustainable and Resilient Design Solutions:** AECOM is committed to incorporating sustainable and resilient design principles into every project. We consider the long-term impacts of our designs on the community and the environment, focusing on resource conservation, energy efficiency, and climate resilience. Our team integrates green infrastructure, low-impact development practices, and innovative materials to enhance the sustainability and resilience of our projects.



DOWNTOWN INTERMODAL TERMINAL DESIGN CRITERIA, MIAMI-DADE COUNTY, FLORIDA

In the Downtown Intermodal Terminal Design Criteria project for Miami-Dade County, AECOM developed a comprehensive design criteria package that facilitated seamless integration of new infrastructure with existing systems. By coordinating closely with multiple stakeholders, including transportation agencies and utility companies, we minimized construction impacts on the community and ensured a smooth transition from the conceptual phase to construction.



CITY CENTER MASTER PLANNING AND DESIGN CRITERIA, CITY OF HIALEAH, FLORIDA

In the Downtown Intermodal Terminal Design Criteria project for Miami-Dade County, AECOM developed a comprehensive design criteria package that facilitated seamless integration of new infrastructure with existing systems. By coordinating closely with multiple stakeholders, including transportation agencies and utility companies, we minimized construction impacts on the community and ensured a smooth transition from the conceptual phase to construction.

AECOM's ability to move projects from concept to construction is grounded in our innovative approach, commitment to stakeholder engagement, and use of advanced technologies. We ensure that every project not only meets technical and economic feasibility but also aligns with community priorities and environmental regulations. By integrating these strategies, we deliver projects that are efficient, cost-effective, and have minimal impact on the community, supporting the City of Coral Gables in achieving its vision for sustainable growth and resilience.



EXAMPLES OF SUCCESSFUL PROJECT EXECUTION

Collier County Master Pump Station 306 Wastewater Basin Analyses Program: In this project, AECOM conducted a comprehensive analysis of existing wastewater infrastructure and developed a detailed plan for system improvements. By employing advanced modeling tools and engaging with stakeholders throughout the planning process, we minimized construction impacts and ensured the project was completed on time and within budget. Our approach also included implementing noise reduction measures and optimizing construction schedules to minimize disruption to nearby residents.

City of Naples Stormwater Master Plan Update and Climate Change Vulnerability Assessment: AECOM developed a series of capital improvement projects designed to address current and future stormwater management challenges. By using state-of-the-art modeling techniques and engaging with the community to understand their concerns, we were able to design solutions that reduced flood risks while preserving the city's historic charm and minimizing community disruption.

Schedule and Budget Control

Meeting Project Schedules

To ensure that all work is completed on time, a dynamic schedule is established, and deliverables are identified at the beginning of each project. The identification of schedule activities and significant milestones for each task are provided by the individual task managers, based on their understanding of the project scope and their prior experience on similar projects.

All major project activities and deliverables will be shown on the schedule. Deliverable submittal dates and major project events are classified as project milestones. The activities required to meet these milestone dates are identified and are logically scheduled to support their achievement. Items such as report and specification outlines and drawing lists, as well as drawing mock-ups, are developed. These items, along with action lists, are monitored and updated in conjunction with the schedule as tangible means of tracking progress and identifying and mitigating any issues early.

Monthly project schedule reviews by the project manager and key personnel will be key to keeping the team and the City informed of progress and identifying any deviations from the plan. Many of our projects are completed on schedule and within budget. When projects are delayed, it is typically due to unforeseen circumstances. Modifications to project budgets are only requested when there is clearly a change in project services. Our assigned discipline leads are committed to keeping open lines of communication.

Completing Projects Within Budget

We understand the importance of preserving and making the most out of the City's rate payers' dollars; therefore, managing the project budget effectively is always a priority for us. AECOM maintains rigorous internal administrative procedures and systems to monitor the labor utilization and financial expenditures of each project. The internal systems enable the project manager to evaluate the timeliness and cost-effectiveness of technical progress at any time on any assignment.

Our system is designed to assist the project manager in control of the scheduling, technical, labor, and financial aspects of their assignments. The system provides the project manager real-time financial information for a particular week through Friday) is available the following Monday. The system supplies the following information on a weekly basis:

- Project personnel working on the task
- Office location
- Hours billed for that week
- Task and accrued cost/hours-to-date
- Labor amount (percent complete)
- Equipment costs
- Direct expenses
- Total expenditures

Standard summary documents produced include the weekly job detail report and the weekly job summary report. These reports are two of several financial reports that can be produced as a function of the specific requirements of the project. Weekly monitoring of project expenditures allows the project manager to take corrective action if the expenditures are not consistent with current project activities and milestones.

We strive to produce high quality project deliverables that are on time and within budget. We take pride in developing accurate probable construction costs with sufficient detail to provide objective analysis.

amount set by the City. Our cost consulting services are specifically designed to provide the maximum amount of information on costs at the earliest possible time in the planning, design and construction processes, making it possible to effectively plan, control and manage the cost of construction projects.

Our team offers comprehensive cost management services, from early feasibility assessments to final contractor payments. We specialize in project cost estimates, aligning designs with funding, and providing value engineering. Our approach results in efficient project control



CORAL GABLES COUNTRY CLUB ENVIRONMENTAL ASSESSMENT AND REMEDIATION

An example of how AECOM utilized a cost savings approach was during the environmental remediation project at the Coral Gables Country Club where a risk-based corrective action plan was developed and agreed to by the regulators. Considering the site will not be used for residential purposes, AECOM developed a clean-up strategy for commercial uses thereby saving hundreds of dollars.

Cost Estimating

The AECOM team understands that the City is working for their citizens and are good stewards of taxpayer money. It is critical to manage projects to stay within the budgeted

Value Engineering

AECOM has participated in and completed many Value Engineering (VE) processes with various governmental agencies and private clients and will bring this experience to the City. VE reviews can be performed through the three distinct phases of the project:

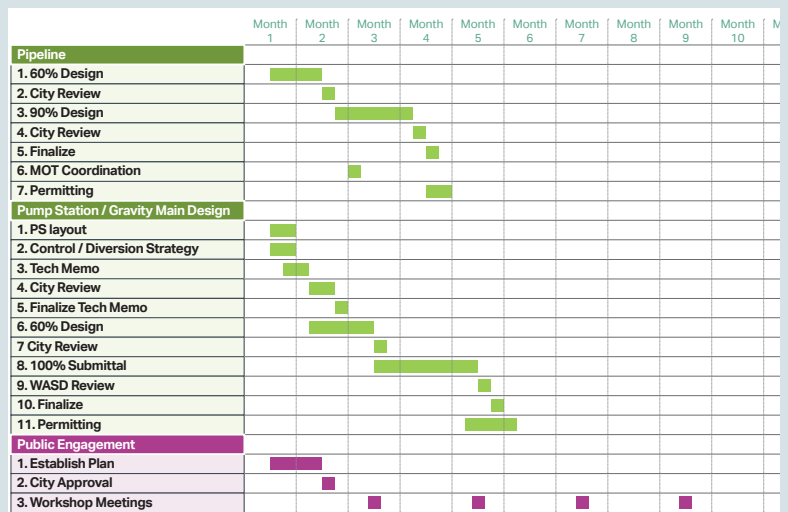
- Alternative Evaluation or Preliminary Design/Design Phase - The design concept can be evaluated during the Preliminary design stage to minimize potential construction cost increases.
- Detailed Design Phase - During the design phase, VE reviews can be scheduled following submittal of the 60% or 90% design submittals to further identify additional opportunities to reduce construction costs.
- VE Reviews during the Construction Phase - Proposals for Value Engineering can be permitted from the construction contractor after the bid is awarded Contractor's often have a different perspective that can provide additional cost savings.

Diligent attention to the critical path is crucial to success

As an example, for most pipeline projects, the critical path for the design schedule includes four areas:

- Field services, including surveying and subsurface utility explorations
- Property acquisitions / negotiations, including easements and buy-outs
- External stakeholders, including permitting agencies and public relations
- Geotechnical investigations, including borings

Our team has taken proactive measures to address each of these areas. For example, J. Bonfill and Associates and PDS will provide surveying services, ensuring that surveying will never be a bottleneck on any of our tasks. From previous experience, we know that getting external stakeholder buy-in is essential, including coordinating with regulatory agencies early in the process.



Shown here is an example of an AECOM schedule that would be provided to the City for each project assignment.



LANDFILL PROJECT, VIRGINIA KEY, FLORIDA

An example where AECOM worked with another consultant for Value Engineering Services was at the Virginia Key Landfill. As requested by our Client, the AECOM team developed and implemented the design modifications to implement the cost-effective changes during the 30% design phase. AECOM believes Value Engineering is a critical part of infrastructure projects.

Community and Business Involvement

At AECOM, we have a strong track record of successfully delivering projects that require significant community and business involvement. Our integrated approach to community engagement ensures that the diverse needs and concerns of all stakeholders are considered throughout the project lifecycle. A key strategy in our approach is early and continuous engagement, which allows us to foster strong relationships with the community, businesses, and other stakeholders from the outset. This proactive communication and collaboration help build trust, reduce potential conflicts, and ensure that projects are completed on time and within budget while achieving desired outcomes.

Approach to Community and Business Involvement

- 1. Early and Continuous Engagement:** AECOM prioritizes early engagement with community members, local businesses, and stakeholders to understand their concerns, needs, and expectations. This approach helps us identify potential challenges and opportunities early in the project, allowing for proactive mitigation strategies. We conduct a range of engagement activities, such as public meetings, workshops, focus groups, and digital outreach, to gather feedback and foster a sense of ownership among stakeholders.
- 2. Utilizing Innovative Digital Tools – PlanEngage and PlanSpend-Fund Navigator:** Our proprietary PlanEngage tool has revolutionized the way we engage with communities and stakeholders. This innovative digital platform allows us to present complex technical information, sustainability appraisals, and project data in a highly visual and easily accessible manner. For example, during our work with the Uttlesford District Council, we used PlanEngage to display detailed sustainability appraisal information in an engaging format that was easy to understand. In addition, Fund Navigator is a suite of tools designed to help identify and optimize funding opportunities for projects and programs. It utilizes AI to help organizations understand which projects meet funding requirements across hundreds of unique programs and set-asides.

3. Comprehensive Stakeholder Communication Plans:

AECOM develops tailored stakeholder communication plans for each project to ensure that the right information reaches the right people at the right time. These plans outline the methods, frequency, and key messages for engagement activities, ensuring that all stakeholders, including local businesses and community groups, are kept informed and involved. In the City of Miami Beach Stormwater Master Plan Update, we implemented a comprehensive communication strategy that included interactive workshops, online surveys, and public information sessions. This approach ensured that diverse voices were heard, and community concerns were integrated into the final plan, resulting in a project that was well-received and supported by the community.

4. Building Strong Relationships with Local Businesses:

AECOM understands the importance of involving local businesses in the planning and execution phases of a project. Our teams work closely with local business owners to understand their specific needs, minimize disruption during construction, and ensure that projects enhance local economic vitality. During the Hialeah City Center Master Planning and Design Criteria project, we engaged with local businesses to gather insights and feedback on the proposed development, ensuring that the project would not only meet infrastructure needs but also support economic growth and enhance the area's appeal as a business hub.

5. Responsive and Adaptive Project Management:

AECOM's project management approach is flexible and adaptive, allowing us to respond quickly to community feedback and changing project conditions. We utilize advanced project management tools to track stakeholder input, adjust plans as needed, and ensure that community concerns are addressed promptly. This adaptability was key in the Downtown Intermodal Terminal Design Criteria project for Miami-Dade County, where ongoing community input helped refine the project's design to better meet local needs, resulting in a more effective and widely supported project outcome.

6. Delivering Sustainable and Community-Centric

Outcomes: AECOM's commitment to sustainability and community well-being is reflected in our project delivery. We integrate environmental, social, and economic considerations into our planning and design processes to ensure projects benefit the community in the long term. In the Village of Key Biscayne Zone 1 Resiliency Improvements project, AECOM worked closely with residents and local stakeholders to develop stormwater management solutions that enhanced flood resilience while preserving the neighborhood's character and quality of life. This collaborative approach ensured that the project achieved its goals of improved infrastructure resilience and environmental sustainability while maintaining strong community support.



Fund Navigator, developed by our Digital AECOM team, provides the City with the expert guidance and program insights needed to navigate the rigorous requirements of the Infrastructure Investment and Jobs Act (IIJA) and the federal commitments of the Justice40 Initiative.

A first-of-its-kind approach, Fund Navigator combines artificial intelligence (AI), data analytics and stakeholder engagement with our leading grant advisory services to help the City maximize their capital planning and deliver world-class projects.




Unlock the promise of IIJA



IIJA has the potential to reshape the framework and physical landscape across our country, providing infrastructure improvements and economic development opportunities while also advancing equity and accessibility, enhancing resiliency, reliability and safety, addressing climate change and building generational wealth.



IIJA's impact depends on how effectively states, cities and communities are able to capitalize on available funds. With an unprecedented number of federal funding opportunities, jurisdictions can advance projects that were placed on hold, tackle long-standing infrastructure problems and expand capital plans.



But with more than 400 funding programs across 2600 pages, IIJA is complex. And the funding structures are competitive. How do you access available funding and grants? How do you make sure you're not leaving money on the table?

This is where Fund Navigator comes in.

AECOM's ability to successfully deliver projects with significant community and business involvement is built on our commitment to proactive engagement, transparent communication, and innovative tools like PlanEngage. By fostering strong relationships, adapting to stakeholder needs, and integrating community feedback into every stage of the project, we ensure that our projects are not only technically sound and economically viable but also socially and environmentally responsible. This approach has consistently resulted in successful project outcomes that meet the needs of the City of Coral Gables and its residents, while also supporting sustainable growth and development.

Working with City Consultants

At AECOM, our approach to working with other client consultants is centered on fostering a collaborative and integrated working environment. We believe that part of working on an excellent team delivering high-quality projects for our clients. Whether we are leading a project or working alongside another consultant team member, our goal is that all team members are aligned and working towards common objectives. This involves clear communication, mutual respect, and a shared commitment to achieving the project goals on time and within budget. We start by understanding the project context and requirements, asking pertinent questions about the client's needs, goals, and the project's scope. This thorough understanding helps us to identify the best consultants to address the specific needs of the project, making sure that all stakeholders are on the same page.

Our collaborative approach extends to the detailed planning and execution phases of a project. We conduct selected site investigations and research to understand the physical conditions and historical context of the project site. This information is crucial for developing informed and effective intervention strategies. We often hold collaborative workshops with clients to discuss findings, initial concepts, and potential challenges. Additionally, we emphasize the importance of aligning financial requirements with project goals, often involving contractors or construction managers with relevant experience to help develop realistic budgets. By fostering a culture of collaboration, innovation, and continuous improvement, we aim to create added value for our clients in the successful delivery of projects.

By fostering a culture of collaboration, innovation, and continuous improvement, we aim to create added value for our clients in the successful delivery of projects.



EXAMPLES OF SUCCESSFUL COLLABORATION

Collaboration with Black & Veatch on the Village of Key Biscayne Resilient Implementation and Adaptation Strategy

AECOM has successfully collaborated with Black & Veatch on the development and delivery of the Village of Key Biscayne Resilient Implementation and Adaptation Strategy. In this partnership, Black & Veatch serves as the Village's Program Manager, while AECOM acts as the specialized stormwater consultant. This project is a prime example of our collaborative approach, where both firms work together seamlessly to enhance the Village's resilience to flooding and other climate-related risks.

As the stormwater consultant, AECOM was responsible for the detailed design and analysis of stormwater management solutions. We conducted extensive hydraulic modeling and drainage assessments to identify vulnerabilities within the Village's existing stormwater infrastructure. AECOM's expertise in stormwater management complemented Black & Veatch's program management capabilities, allowing us to jointly develop a comprehensive strategy that addresses immediate needs and long-term resilience goals.

Throughout the project, AECOM and Black & Veatch engaged in regular coordination meetings, collaborative workshops, and joint planning sessions with the Village of Key Biscayne and other stakeholders. This integrated approach ensured that all perspectives were considered and that the project benefited from the combined expertise of both firms. Our teams worked together to refine project designs, optimize resource allocation, and develop innovative solutions that enhance flood resilience while minimizing community impact.

Collaboration with Kimley-Horn on the Enhanced Closure of the Former Virginia Key Landfill

Another example of our collaboration with other consultants is an on-going project AECOM is working on for Miami-Dade County for the closure design of the former Virginia Key Landfill. By working with Kimley-Horn, AECOM has been able to execute the landfill closure design in a timely and cost-effective manner to satisfy all the concerns and feedback we received from the stakeholders.

Complying with Public Policies

AECOM is dedicated to upholding federal public policies in the United States by supporting full compliance with equal opportunity and nondiscrimination laws, as well as actively promoting diversity and inclusion within our workforce and supply chain. We adhere to the requirements set forth in 41 C.F.R. Part 60-1.4(b), making sure that our employment practices are free from discrimination based on race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or veteran status. Additionally, in alignment with 2 CFR § 200.321(b), we take affirmative steps to engage small and minority businesses, women's business enterprises, and labor surplus area firms in our subcontracting processes, particularly for projects supported by FEMA financial assistance. Our commitment to these principles is reflected in our proactive solicitation of bids from M/WBEs, breaking down work into smaller tasks to facilitate their participation, and allowing for timely progress payments to avoid financial hardship. Through these efforts, AECOM not only complies with federal regulations but also fosters a diverse and inclusive environment that benefits our employees, partners, and the communities we serve.

Equal Opportunity and Nondiscrimination Laws

AECOM is committed to complying with the public policies of the Federal Government, including adherence to equal opportunity and nondiscrimination laws. All AECOM employment practices are free from discrimination based on race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or veteran status. Our policies are designed to provide equal employment opportunities to all qualified applicants and employees. We take affirmative action to recruit, hire, and promote individuals from diverse backgrounds and work so that our workplace is inclusive and supportive of all employees. This commitment is reflected in our hiring practices, training programs, and internal policies that promote diversity and inclusion.

Affirmative Steps for Sub-contracting under FEMA Assistance

In compliance with 2 CFR § 200.321(b), AECOM takes affirmative steps to utilize small and minority businesses, women's business enterprises, and labor surplus area firms whenever possible for sub-contracting under contracts supported by FEMA financial assistance. We actively solicit bids from State-certified Minority Business Enterprises (MBEs) and Women's Business Enterprises (WBEs) and maintain records of these solicitations and the results. Our efforts include breaking down work into smaller tasks to enhance participation by M/WBEs, encouraging joint ventures, and making sure that plans and specifications are available in sufficient time for review by prospective M/WBEs. Additionally, we confirm that progress payments to M/WBEs are made on a timely basis to avoid undue financial hardship and that bonding and other credit requirements are waived or appropriately adjusted to encourage M/WBE participation.

Utilization of M/WBE Firms

AECOM is dedicated to the utilization of Minority and Women-Owned Business Enterprises (M/WBEs) in our projects. We document our efforts to engage M/WBE firms by maintaining records of bid solicitations and the outcomes. For instance, in our recent projects, we have solicited bids from various M/WBE contractor associations and directly from State-certified M/WBEs. We also make sure that our subcontractors follow the same guidelines and document their efforts to meet M/WBE participation goals. Our commitment to M/WBE utilization is further demonstrated by our internal policies and the appointment of designated liaisons responsible for administering the M/WBE-Equal Employment Opportunity (EEO) program. These efforts are part of our broader strategy to promote diversity and inclusion within our supply chain and maintain compliance with federal and state regulations.



SECTION IV

Past Performance and References



The City of Coral Gables
Procurement Division
2800 S.W. 72ND AVENUE
MIAMI, FLORIDA 33155

CITY OF CORAL GABLES REFERENCE FORM
RFQ 2024-023 Civil & Environmental Engineering Services

Complete the form as indicated below, to provide the required information as outlined in Section 3 of the solicitation. The City shall contact the companies listed below to verify the work performed on behalf of your company. All fields must be completed.

Reference # 1 must cover the minimum five (5) year period from the issuance date of this solicitation.

1. Project Name/Location Engineering Services for Water/WW Systems Projects

Owner Name City of Miami Beach

Contact Person Cristina Ortega Castineiras, PE, ENV SP

Contact Telephone No. 305.673.7080 ext 26153

Email Address: cristinaortega@miamibeachfl.gov

Yearly Budget/Cost \$2M

Dates of Contract **From:** September 2022 **To:** August 2025

Project Description AECOM is providing engineering services to assist the City with its most critical infrastructure needs, including sanitary sewer PS renewal and replacement, water booster stations, and USTs.

Additional References must cover similar engagements satisfactorily performed in the last five (5) years.

2. Project Name/Location Zone-1 (K-8 Basin) BODR

Owner Name Village of Key Biscayne

Contact Person Roland Samimy, PhD

Contact Telephone No. 305.365.8908

Email Address: rsamimy@keybiscayne.fl.gov

Yearly Budget/Cost \$265k Study Fee / \$60M Construction Cost

Dates of Contract **From:** June 2022 **To:** June 2023

Project Description AECOM led the development of a BODR for the first project from the Village's stormwater infrastructure improvement program.



The City of Coral Gables
Procurement Division
2800 S.W. 72ND AVENUE
MIAMI, FLORIDA 33155

3. Project Name/Location Wagner Creek Seybold Canal Restoration - Sediment Dredging and Remediation

Owner Name City of Miami

Contact Person Jose Lago, PE, CFM

Contact Telephone No. 305.416.1252

Email Address: jllago@miamigov.com

Yearly Budget/Cost \$3M

Dates of Contract From: 2016 To: 2022

Project Description AECOM provided Design-Build services to the City of Miami to remove contaminated (dioxin) sediment from Wagner Creek and Seybold Canal.

4. Project Name/Location Miami Avenue 48-inch Force Main

Owner Name Miami-Dade County WASD

Contact Person James Ferguson, PE

Contact Telephone No. 786.552.8756

Email Address: james.ferguson@miamidade.gov

Yearly Budget/Cost \$1.3M

Dates of Contract From: May 2017 To: March 2019

Project Description AECOM led the planning, design, MOT, permitting, construction support, and certification services for the design-build project of the force main, water main, and drainage improvements.

5. Project Name/Location Parks Bond Program Management Services 2019-2024

Owner Name City of Doral

Contact Person Hernan Organvidez

Contact Telephone No. 305.593.6690

Email Address: hernan.organvidez@cityofdoral.com



The City of Coral Gables
Procurement Division
2800 S.W. 72ND AVENUE
MIAMI, FLORIDA 33155

Yearly Budget/Cost \$7.5M
Dates of Contract From: 2019 To: 2024
Project Description AECOM is serving as the City's program manager for the Doral Parks Program. Projects include city-wide trails network improvements, Trails and Trails Park, and Morgan Levy Park.

6. Project Name/Location _____
Owner Name _____
Contact Person _____
Contact Telephone No. _____
Email Address: _____
Yearly Budget/Cost _____
Dates of Contract From: _____ To: _____
Project Description _____

BIDDER INFORMATION:

Company Name: AECOM Technical Services, Inc.
Representative: Pedro Hernandez, PE
Address: 2 Alhambra Plaza, Suite 900, Cape Coral, FL 33134
Telephone No.: 305.444.4691
Fax No.: 305.447.3580
Email Address: pedro.hernandez@aecom.com

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER
	1

21. TITLE AND LOCATION <i>(City and State)</i> Zone 1 (K-8 Basin) Basis of Design Report (BODR), Key Biscayne, FL	22. YEAR COMPLETED				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">PROFESSIONAL SERVICES</td> <td style="width: 50%; padding: 2px;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="text-align: center; padding: 2px;">2023</td> <td style="text-align: center; padding: 2px;">N/A</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2023	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)				
2023	N/A				

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Village of Key Biscayne	b. POINT OF CONTACT NAME Roland Samimy, PhD	c. POINT OF CONTACT TELEPHONE NUMBER 305.365.8908 rsamimy@keybiscayne.fl.gov

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The Zone 1 (K-8 Basin) project is the Village's number one priority because it is the most vulnerable, low-lying area of the Village and extremely prone to flooding.

Overview

The Village of Key Biscayne, nestled along the southeastern coast of Florida, has experienced increasing rainfall and tidal-induced flooding for many years. It is now facing the combined threat of progressively more intense and frequent rain events along with rising sea levels. The two together with an aging and inadequate gravity-fed stormwater system lead to significant Village-wide life, safety, property, insurance, economic, and quality of life risks.

In response to these challenges, the Village has embarked on a comprehensive stormwater infrastructure improvement program. Collaborating with AECOM, the Village aims to enhance its stormwater management system to withstand future sea level rise and mitigate the impact of tidal and rainfall-induced flooding over the next four decades.

AECOM led the development of a Basis of Design Report (BODR) for the first project from the Village's stormwater infrastructure improvement program: Zone 1 (K-8 Basin) project. Zone 1 includes stormwater drainage and roadway improvements surrounding the Key Biscayne K-8 Center. Additionally, the project includes a stormwater pump station at Harbor Park (between West McIntyre Drive and West Enid Drive), which will serve the immediate area as well as areas adjacent to the site for future needs.

The Village of Key Biscayne, nestled along the southeastern coast of Florida, has experienced increasing rainfall and tidal-induced flooding for many years. It is now facing the combined threat of progressively more intense and frequent rain events along with rising sea levels. The two together with an aging and inadequate gravity-fed stormwater system lead to significant Village-wide life, safety, property, insurance, economic, and quality of life risks.

In response to these challenges, the Village has embarked on a comprehensive stormwater infrastructure improvement program. Collaborating with AECOM, the Village aims to enhance its stormwater management system to withstand future sea level rise and mitigate the impact of tidal and rainfall-induced flooding over the next four decades. The study area is within the boundaries of the Village of Key Biscayne

Relevance To Cape Coral	Key Personnel
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Stormwater Master Planning <input checked="" type="checkbox"/> Water Quality Treatment <input checked="" type="checkbox"/> Pump Station <input checked="" type="checkbox"/> Engineer-of-Record <input checked="" type="checkbox"/> Stormwater Modeling <input checked="" type="checkbox"/> Landscape Architecture <input checked="" type="checkbox"/> Master Planning <input checked="" type="checkbox"/> Community Engagement <input checked="" type="checkbox"/> Climate Resilience <input checked="" type="checkbox"/> GIS / 3D Renderings 	<p>Karen D. Brandon, PE Erik M. Alcantara, PE, PMP, ENV SP Thomas McGowan, PE Keith Stannard Isaiah Mosley</p>

and is generally located on an island approximately six (6) miles into Biscayne Bay and connects to the mainland via the Rickenbacker Causeway. The area generally consists of residential land uses with an approximate total area of 704 acres.

Project Goals

- Mitigate tidal flooding and stormwater runoff.
- Enhance public safety and protect infrastructure.
- Increase the resilience of the stormwater management system to future sea level rise.
- Improve water quality and reduce untreated stormwater discharges into Biscayne Bay.

Scope of Work

AECOM prepared a BODR and Preliminary Plans to support and provide the criteria for development of Zone 1's Final Engineering Design and Construction documents. AECOM determined specifics on the estimated minimum pipe sizes and discharge rates needed to achieve the Village's drainage level of service. The BODR addressed the pump station location and configuration, service area of the pump station, discharge location and configuration of the force main to outfalls, agreed sea level rise projections, and boundary conditions. Analysis was provided for the Village's level of service and storm event used for drainage design and the roadway design. The BODR included model parameters, assumptions, modeling results, and flood depth maps for the selected design rainfall events and elevated tidal conditions.

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY NUMBER
1

Zone 1 (K-8 Basin) Basis of Design Report (BODR),
Key Biscayne, FL *(continued)*

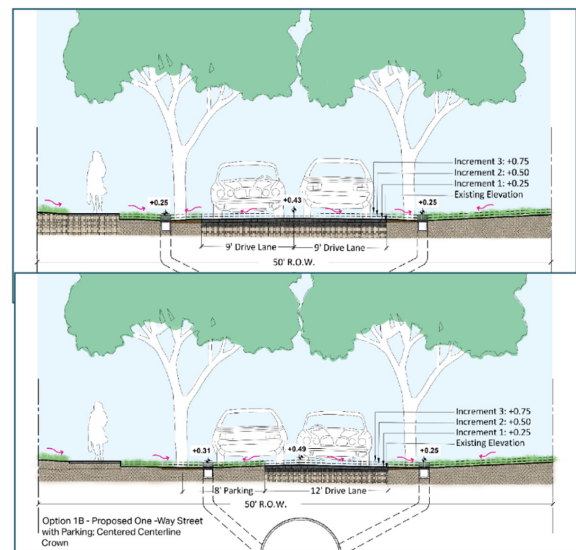
As part of the BODR, AECOM created a streetscape toolkit with different options to establish the design criteria for the project. Conceptual design ideas for Harbor Park were developed in collaboration with Village staff. The streetscape toolkit and conceptual design ideas for Harbor Park were developed with the philosophy of maintaining and enhancing the aesthetic character of the community.

The BODR included utility coordination, conceptual Maintenance of Traffic (MOT), construction phasing, and a permitting evaluation. Additionally, the BODR included the following environmental studies: Essential Fish Habitat (EFH) Assessment, Marine Species Biological Assessment (BA), and Manatee Protection Plan (MPP).

On April 6, 2023, AECOM and Village staff hosted a community meeting to provide a progress update on the Zone 1 (K-8 Basin) BODR to Village residents. At the community meeting, Village residents provided feedback on the streetscape toolkit and Harbor Park conceptual design ideas. This feedback was used to finalize the BODR.

Budgetary Cost Estimate

The expected construction budget for the project was prepared by AECOM's cost estimating group. It was categorized by major work items and estimated at an American Association of Cost Engineers, International (AACEI) Class 4 level.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	AECOM Technical Services, Inc.	Coral Gables, FL	Prime
b.	AECOM Technical Services, Inc.	West Palm Beach, FL	Prime
c.	AECOM Technical Services, Inc.	Fort Lauderdale, FL	Prime
d.	AECOM Technical Services, Inc.	Raleigh, NC	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER
	2

21. TITLE AND LOCATION <i>(City and State)</i> Zone 1 (K-8 Basin) Resiliency Improvements, Key Biscayne, FL	22. YEAR COMPLETED				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">PROFESSIONAL SERVICES</td> <td style="width: 50%; padding: 5px;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="text-align: center; padding: 5px;">Ongoing</td> <td style="text-align: center; padding: 5px;">N/A</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	Ongoing	N/A
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Ongoing	N/A				

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Village of Key Biscayne	Roland Samimy, PhD	305.365.8908 rsamimy@keybiscayne.fl.gov

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The Zone 1 (K-8 Basin) project is the Village's number one priority because it is the most vulnerable, low-lying area of the Village and extremely prone to flooding.

Overview

The Village of Key Biscayne, nestled along the southeastern coast of Florida, has experienced increasing rainfall and tidal-induced flooding for many years. It is now facing the combined threat of progressively more intense and frequent rain events along with rising sea levels. The two together with an aging and inadequate gravity-fed stormwater system lead to significant Village-wide life, safety, property, insurance, economic, and quality of life risks.

In response to these challenges, the Village has embarked on a comprehensive stormwater infrastructure improvement program. Collaborating with AECOM, the Village aims to enhance its stormwater management system to withstand future sea level rise and mitigate the impact of tidal and rainfall-induced flooding over the next four decades.

AECOM is currently leading the detailed design and permitting for the first project from the Village's stormwater infrastructure improvement program: Zone 1 (K-8 Basin) Resiliency Improvements. The project's purpose is to alleviate localized flooding and enhance safety throughout the Key Biscayne K-8 Center Basin. The upgraded stormwater system will significantly reduce street flooding currently experienced in the area and improve stormwater quality discharge to Biscayne Bay.

Project Goals

- Mitigate tidal flooding and stormwater runoff.
- Enhance public safety and protect infrastructure.
- Increase the resilience of the stormwater management system to future sea level rise.
- Improve water quality and reduce untreated stormwater discharges into Biscayne Bay.

Scope of Work

The scope of work includes detailed design and permitting of infrastructure improvements for the following components within the Zone 1 drainage basin: roadways, streetscape/ landscape, water, stormwater drainage, and utility undergrounding. A proposed stormwater pump station will

Relevance To Cape Coral	Key Personnel
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Stormwater Master Planning <input checked="" type="checkbox"/> Water Quality Treatment <input checked="" type="checkbox"/> Pump Station <input checked="" type="checkbox"/> Engineer-of-Record <input checked="" type="checkbox"/> Stormwater Modeling <input checked="" type="checkbox"/> Landscape Architecture <input checked="" type="checkbox"/> Master Planning <input checked="" type="checkbox"/> Community Engagement <input checked="" type="checkbox"/> Climate Resilience <input checked="" type="checkbox"/> GIS / 3D Renderings 	<p>Karen D. Brandon, PE Erik M. Alcantara, PE, PMP, ENV SP Fernando Navarrete, PhD, PE Magdala Cayemitte, PE, CDT Juan Garcia, PE Evelio Chavez, PE Luis Tejada, PE Keith Stannard Isaiah Mosley</p>

be located at Harbor Park (between West McIntyre Drive and West Enid Drive), which will serve the immediate area as well as areas adjacent to the site for future needs. The proposed pump station will include a building structure that will house the equipment needed to serve it.

The street improvements may include green infrastructure and traffic calming and are being designed to the Village's level of service requirements. Improvements to Harbor Park include the design of a neighborhood level park with pedestrian connections and open green spaces developed around the proposed pump station.

The following tasks are being performed for the preparation of the engineering design plans/specifications and application for relevant permits:

- Utility Coordination and Undergrounding Design
- Landscaping Design for Harbor Park and Street Improvements
- Water Improvements Design
- Roadway and Signing & Pavement Markings Design
- Gravity Storm Drainage System Design
- Stormwater Pump Station Design
- Environmental Surveys and Permitting
- Independent Cost Estimates (ICE)
- Critical Path Method (CPM) Construction Schedules
- Bidding Assistance
- Conformed Documents
- Energy Dissipation Structures Design

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY NUMBER

2

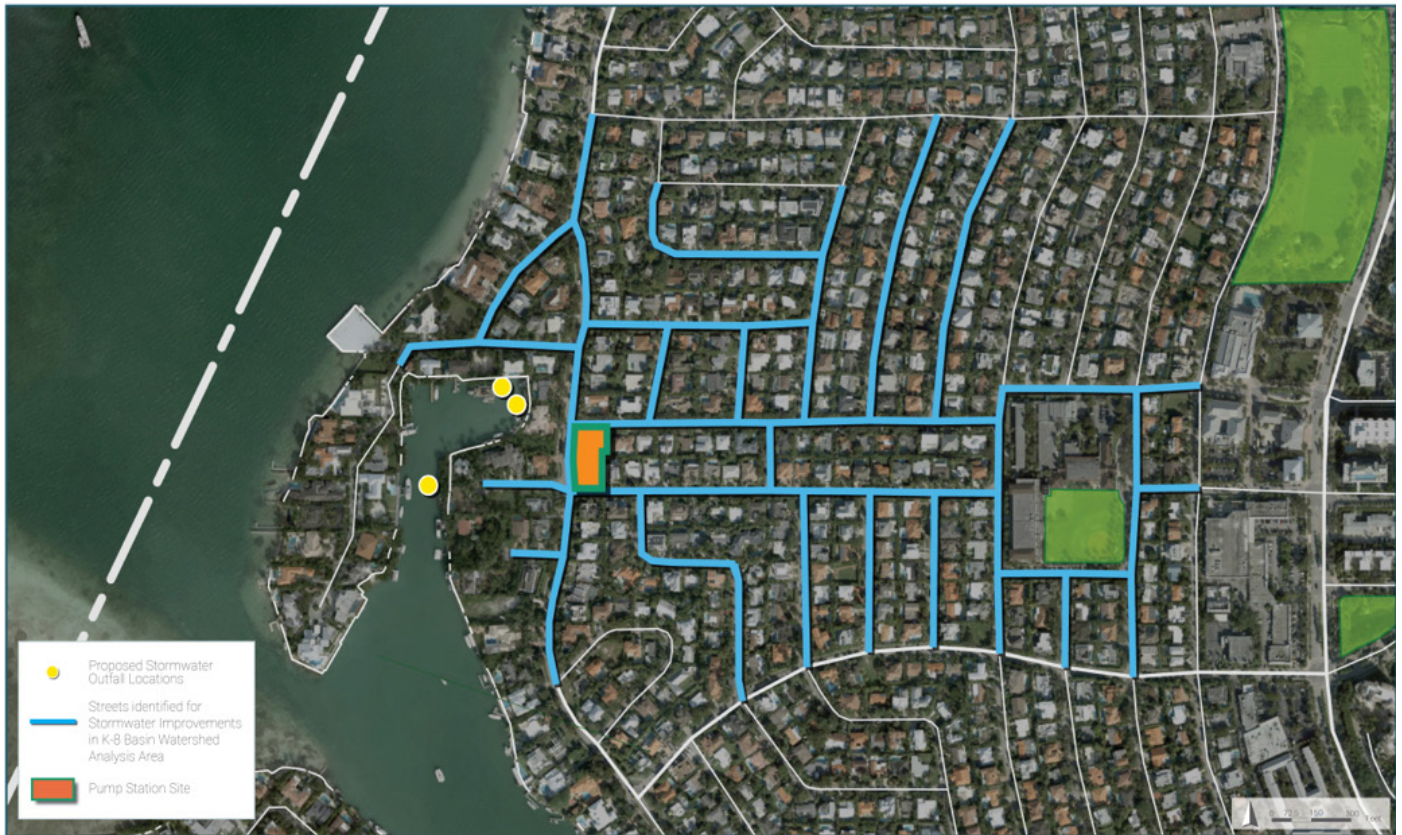
Zone 1 (K-8 Basin) Resiliency Improvements,
Key Biscayne, FL *(continued)*

Stormwater Drainage and Utilities Scope

- Enhances capacity of the stormwater system using a pumped system with larger pipes and a pump station at Harbor Park.
- Upgrades aging water infrastructure.
- Harmonization with private properties.
- Increases water storage.
- Includes swales.
- Improves outfalls and enhance water quality.
- Undergrounds electrical and telecommunication lines.
- Develops a program for operations and maintenance.

Stormwater Drainage and Utilities Scope

- Elevates and slopes the roadway to complement the stormwater and water quality initiatives.
- Constructs curbs and gutters.
- Reconfigures roadway to increase stormwater capture and safety.
- Installs landscaping material for shade and natural benefits.



Village of Key Biscayne Stormwater Program
K-8 School Basis of Design Report

Street Improvements Extent



AECOM

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	AECOM Technical Services, Inc.	Coral Gables, FL	Prime
b.	AECOM Technical Services, Inc.	West Palm Beach, FL	Prime
c.	AECOM Technical Services, Inc.	Fort Lauderdale, FL	Prime
d.	AECOM Technical Services, Inc.	Raleigh, NC	Prime

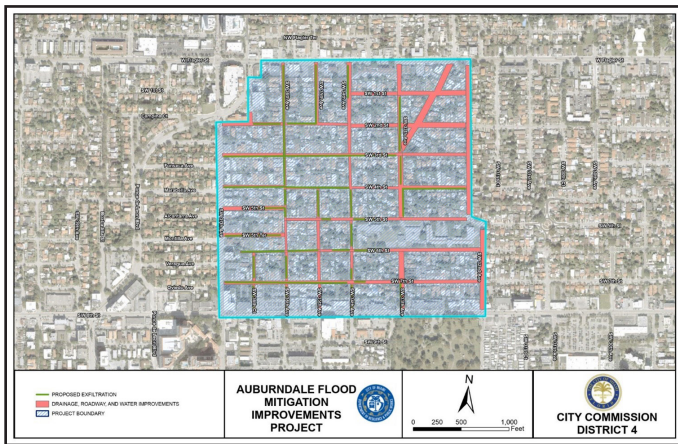
F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER
	3

21. TITLE AND LOCATION <i>(City and State)</i> Auburndale Flood Mitigation Improvements Design Criteria Package (DCP), City of Miami, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES: Ongoing CONSTRUCTION (If applicable): N/A
--	---

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Miami	b. POINT OF CONTACT NAME Clara Sidan, PE	c. POINT OF CONTACT TELEPHONE NUMBER 305.416.1050 csidan@miamigov.com

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Identified as one of the City's Initial Priority Improvement Projects in the City's Stormwater Master Plan, the Auburndale Flood Mitigation Improvements project will help alleviate localized flooding experienced by the community



Relevance To Cape Coral	Key Personnel
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Stormwater Master Planning <input checked="" type="checkbox"/> Water Quality Treatment <input checked="" type="checkbox"/> Pump Station <input checked="" type="checkbox"/> Engineer-of-Record <input checked="" type="checkbox"/> Stormwater Modeling <input checked="" type="checkbox"/> Landscape Architecture <input checked="" type="checkbox"/> Master Planning <input checked="" type="checkbox"/> Community Engagement <input checked="" type="checkbox"/> Climate Resilience <input checked="" type="checkbox"/> GIS / 3D Renderings 	<ul style="list-style-type: none"> Karen D. Brandon, PE Erik M. Alcantara, PE, PMP, ENV SP Fernando Navarrete, PhD, PE Magdala Cayemitte, PE, CDT Juan Garcia, PE Evelio Chavez, PE Luis Tejada, PE Keith Stannard Isaiah Mosley

Overview

The City of Miami is a highly urbanized community located on the southeast coast of Florida and is a major economic resource to the region. The City has experienced increasing rainfall and tidal-induced flooding for many years. It is now facing the combined threat of progressively more intense and frequent rain events along with rising sea levels.

In response to these challenges, the City has embarked on a comprehensive stormwater infrastructure improvement program. Collaborating with AECOM, the City aims to enhance its stormwater management system to withstand future sea level rise and mitigate the impact of tidal and rainfall-induced flooding over the next four decades.

AECOM led the development of a Design Criteria Package (DCP) for flood mitigation and roadway improvements in the Auburndale Neighborhood. The project is bounded on the north by West Flagler Street, on the west by SW 37th Avenue (Douglas Road), on the south by SW 8th Street (Tamiami Trail) and on the east by SW 32nd Avenue. The majority of the area is comprised of medium density single family residential land uses with commercial and retail businesses situated along the arterial roadway corridors located on the northern, southern,

and western boundaries of the project. The project limits also contain the Auburndale Elementary School site.

The project plans to improve the stormwater drainage, roadway, and water infrastructure in the project area. The Auburndale Neighborhood project is the first of many projects identified to improve public safety by reducing areas of localized rainfall-induced flooding while anticipating the potential impacts of Sea Level Rise (SLR) to the groundwater table and gravity-driven outfall facilities, such as the Miami River and regional drainage canals.

Project Goals

- Improve the stormwater system.
- Reduce flooding.
- Improve the roadway infrastructure.
- Improve neighborhood safety and operating efficiency with new pavement markings, striping, and signalization.
- Replace aging water infrastructure.
- Relocate fire hydrant(s) to improve fire flow within the neighborhood.

Scope of Work

AECOM provided civil engineering and design services for the development of a DCP for flood mitigation and roadway improvements in the Auburndale neighborhood. The DCP included the documents required for the advertisement of a Design-Build RFP solicitation. As a Group 1 Initial Priority Improvement Project, and based upon input from the City, the Auburndale Flood Mitigation Improvements Project is to be designed to the following level of service: zero flooding over

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY NUMBER
3

**Auburndale Flood Mitigation Improvements Design Criteria Package (DCP),
City of Miami, FL (continued)**

the crown of all roads in the 5-year recurrence interval, 24-hour duration Design Storm Event, with a total rainfall of 6.99 inches. Additionally, flooding shall be maintained below most building Finished Floor Elevations (FFE) in the 100-year recurrence interval design storm.

The design-build scope of work includes the following: construction of the roads (at or above grade) and stormwater infrastructure, including but not limited to design of roadway reconstruction, milling and resurfacing, drainage improvements, stormwater modeling, sidewalks, ADA compliant ramps, curb and/or gutter structures, pavement markings and striping, roadway signage, and utility coordination. The drainage improvements include an exfiltration trench retention system and stormwater pipe conveyance.

Drainage Design Report

As part of the DCP, AECOM developed a Drainage Design Report to provide the Design-Build Firm (DBF) the parameters for developing a detailed drainage design. AECOM developed specifics on the estimated minimum pipe sizes and discharge rates needed to achieve the agreed upon level of service (LOS) of the system. AECOM modeled the 5-year, 24-hour future design storm for the two (2) future Sea Level Rise (SLR) scenarios defined in the City's SWMP (18-inches and 30-inches) and evaluated the LOS with respect to each scenario.

For resiliency planning purposes, model simulations also included scenarios representing 18 inches and 30 inches of SLR (3.5 ft NAVD88 and 4.5 ft NAVD88, respectively); these increments were directly added to the fixed stage. Based on the City's SWMP and current South Florida Climate Compact projections, this translates to a timeframe of approximately year 2030 to year 2050 for the 18-inch SLR scenario and a timeframe of approximately year 2050 to year 2090 for the 30-inch SLR scenario projections for the four different projection curves. For design and infrastructure planning purposes, the 18-inch SLR scenario represented the design condition. Scenario 1 represented the performance of the proposed stormwater infrastructure improvements with 18 inches of SLR, Scenario 2 represented the performance of the system using the fixed stage boundary condition, and Scenario 3 represented the performance of the proposed stormwater infrastructure improvements with 30 inches of SLR.

In developing the Drainage Design Report, AECOM coordinated with representatives of agencies that will have jurisdiction over stormwater management for the project to collect data and identify criteria governing stormwater collection, retention/detention, pretreatment, discharge and/or overflow. Hydrologic and hydraulic modeling was conducted using Advanced Interconnected Channel and Pond Routing (ICPR) modeling program Version 4 (now StormWise).

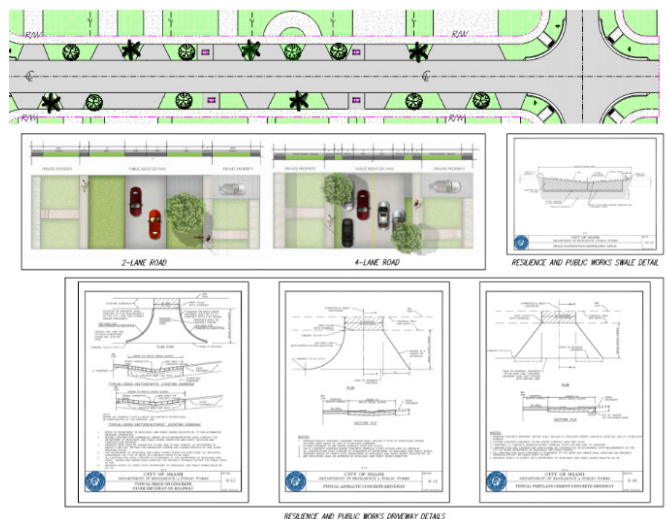
**City of Miami
Auburndale Flood Mitigation Improvements
Water Quality Requirements Summary**

SWPMD Requirements (Includes 1.50 multiple for discharge to CFW): **9.97** acre-ft **118.64** acre-inch (Project-Wide)

DBPR Requirements for 1st Inch Runoff Retained: **11.32** acre-ft **139.85** acre-inch (Project-Wide)

Reach	Drainage Trench							Water Quality Treatment (By Basin)						
	ID	Area	Run	Flow	Top Flow	Length	Width	Depth	Bottom Slope	Hydraulic Conductivity	SWPMD	DBPR	Treatment	Storage
CMA-1	2.85	12.8	10.8	10.8	70.7	6.0	8.0	2.00	2.470E-04	0.08	0.04	0.00	0.00	0.00
CMA-1.1	1.80	12.8	10.8	10.8	429	6.0	8.0	2.00	2.470E-04	0.08	0.04	0.00	0.00	
CMA-1.2	1.87	12.8	10.8	10.8	490	6.0	8.0	2.00	2.470E-04	0.07	0.03	0.00	0.00	
CMA-2	0.10	10.0	10.0	10.0	309	6.0	8.0	2.00	2.470E-04	0.08	0.07	0.00	0.00	
CMA-4	2.72	14.8	10.8	10.8	120	6.0	8.0	2.00	2.470E-04	0.20	0.08	0.00	0.00	
CMA-6	0.06	10.0	10.0	10.0	300	6.0	8.0	2.00	2.470E-04	0.07	0.03	0.00	0.00	
CMA-8	4.05	15.0	10.0	10.0	1100	6.0	8.0	2.00	2.470E-04	0.17	0.04	0.00	0.00	
CMA-7	2.6	14.0	10.0	10.0	300	6.0	8.0	2.00	2.470E-04	0.19	0.08	0.00	0.00	
CMA-8	11.86	10.0	10.0	10.0	2000	6.0	8.0	2.00	2.470E-04	1.18	0.17	0.00	0.00	
CMA-9	0.34	10.0	10.0	10.0	1000	6.0	8.0	2.00	2.470E-04	0.03	0.02	0.00	0.00	
CMA-11	0.1	10.0	10.0	10.0	1000	6.0	8.0	2.00	2.470E-04	0.02	0.00	0.00	0.00	
CMA-12	23.29	10.0	10.0	10.0	1000	6.0	8.0	2.00	2.470E-04	1.21	0.21	0.00	0.00	
CMA-13	12.18	10.0	10.0	10.0	1000	6.0	8.0	2.00	2.470E-04	0.17	0.09	0.00	0.00	
CMA-14	0.05	10.0	10.0	10.0	824	6.0	7.0	2.00	2.870E-04	0.06	0.01	0.00	0.00	
CMA-15	0.04	10.0	10.0	10.0	1006	6.0	7.0	2.00	2.870E-04	0.02	0.00	0.00	0.00	
CMA-16	11.07	10.0	10.0	10.0	1000	6.0	7.0	2.00	2.870E-04	0.06	0.03	0.00	0.00	
CMA-17	0.06	10.0	10.0	10.0	1000	6.0	7.0	2.00	2.870E-04	0.11	0.01	0.00	0.00	
Total	117.88										10.07	11.97	0.00	0.00

Notes: 1) All elevations referenced to NAVD, 1988
2) Design GWI = 3.50-feet, NAVD; Current GWI 3.47-2.00 feet, NAVD
3) 1-hour Estimated Treatment Volume per SWPMD Basin of Review



Design Criteria Package (DCP)

A Design Criteria Package (DCP) was developed and provided as part of the City's Design-Build Request for Proposals (RFP). It was based on the Drainage Design Report, and consisted of the project scope, design criteria, and performance requirements. In the DCP, AECOM indicated the requirements for the design of the project. This document included a narrative description of the project, quality standards and references, technical data, performance-oriented drawings, and supplemental technical specifications which stipulate the project scope of work and technical requirements for which all the Design-Build contractors will base their proposals. The City's existing pavement condition assessment was used to determine if a roadway was to be either fully reconstructed or milled & resurfaced.

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY NUMBER
3

**Auburndale Flood Mitigation Improvements Design Criteria Package (DCP),
City of Miami, FL (continued)**

Conceptual Plans

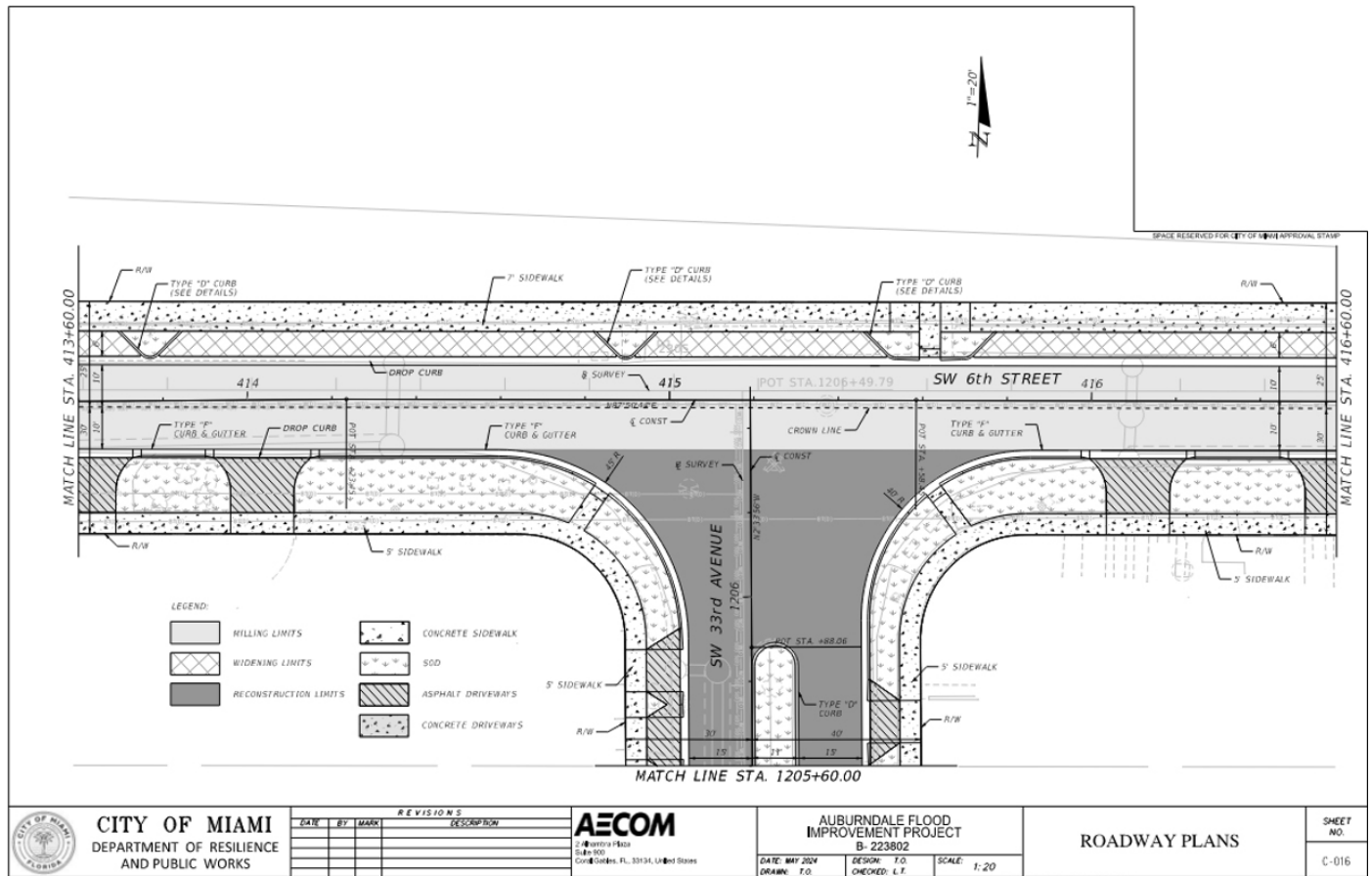
The purpose of the Conceptual Plans was to provide information for the interested Design-Build Firms to bid the project; these plans were developed to an approximate 30% design level of completion and included the directive and indicative requirements for bidding.

AECOM developed Roadway and Drainage Conceptual Plans based on the City's Department of Resilience and Public Works 30% Submittal Dry-Run Checklist. Plans were developed based on survey information prepared by AECOM's survey subconsultants.

Program Management and Support Services

AECOM is currently providing program management, grant administration, public engagement, and procurement support services through design and construction completion of the Auburndale Flood Mitigation Improvements project. The project is funded via the Miami Forever Bond and the following grants:

- State Appropriation: FDEP Grant Agreement LPA0328
- Resilient Florida Grant Program (RFGP) (Federal) FDEP Grant Agreement 23FRP35



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	AECOM Technical Services, Inc.	Coral Gables, FL	Prime
b.	AECOM Technical Services, Inc.	West Palm Beach, FL	Prime
c.	AECOM Technical Services, Inc.	Fort Lauderdale, FL	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER
	4

21. TITLE AND LOCATION (City and State) Coral Gables Country Club Environmental Assessment and Remediation Services, Coral Gables, FL	22. YEAR COMPLETED				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">PROFESSIONAL SERVICES</td> <td style="width: 50%; padding: 2px;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="text-align: center;">Ongoing</td> <td style="text-align: center;">N/A</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	Ongoing	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)				
Ongoing	N/A				

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Coral Gables	Jose Olivo, PE	305.460.5000 jolivo@coralgables.com

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)
--

Overview

The City of Miami is a highly urbanized community located on the southeast coast of Florida and is a major economic resource to the region. The City has experienced increasing rainfall and tidal-induced flooding for many years. It is now facing the combined threat of progressively more intense and frequent rain events along with rising sea levels.

In response to these challenges, the City has embarked on a comprehensive stormwater infrastructure improvement program. Collaborating with AECOM, the City aims to enhance its stormwater management system to withstand future sea level rise and mitigate the impact of tidal and rainfall-induced flooding over the next four decades.

AECOM led the development of a Design Criteria Package (DCP) for flood mitigation and roadway improvements in the Auburndale Neighborhood. The project is bounded on the north by West Flagler Street, on the west by SW 37th Avenue (Douglas Road), on the south by SW 8th Street (Tamiami Trail) and on the east by SW 32nd Avenue. The majority of the area is comprised of medium density single family residential land uses with commercial and retail businesses situated along the arterial roadway corridors located on the northern, southern, and western boundaries of the project. The project limits also contain the Auburndale Elementary School site.

The project plans to improve the stormwater drainage, roadway, and water infrastructure in the project area. The Auburndale Neighborhood project is the first of many projects identified to improve public safety by reducing areas of localized rainfall-induced flooding while anticipating the potential impacts of Sea Level Rise (SLR) to the groundwater table and gravity-driven outfall facilities, such as the Miami River and regional drainage canals.

Project Goals

- Improve the stormwater system.
- Reduce flooding.
- Improve the roadway infrastructure.
- Improve neighborhood safety and operating efficiency with new pavement markings, striping, and signalization.
- Replace aging water infrastructure.
- Relocate fire hydrant(s) to improve fire flow within the neighborhood.

Scope of Work

Relevance To Coral Gables	Key Personnel
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Environmental Assessment <input checked="" type="checkbox"/> Remediation Services <input checked="" type="checkbox"/> Hazard Mitigation <input checked="" type="checkbox"/> Procurement Services <input checked="" type="checkbox"/> Construction Oversight <input checked="" type="checkbox"/> Engineer of Record <input checked="" type="checkbox"/> Risk Based Solution 	<p>Vivek Kamath, PE Devansh Shah, PE Lorena Claure</p>

The City contracted AECOM legacy firm, URS Corporation (URS), to complete site assessment activities in the immediate vicinity of the golf course maintenance building. URS conducted additional soil and groundwater sampling and submitted a Site Assessment Report Addendum (SARA) to Miami-Dade County Department of Regulatory and Economic Resources (RER). The soil samples were collected at different depths to fully delineate the horizontal and vertical extent of the contamination from historical activities. Upon approval of the SARA by RER, a Remedial Action Plan (RAP) was submitted to and approved by RER. AECOM assisted the City in procuring the services of a remediation contractor to complete the source removal in 2 phases. A total of 1600 tons of arsenic impacted soils was excavated and hauled off-site for disposal at an authorized disposal facility. AECOM submitted a Source Removal Report for submittal to RER that was conditionally approved pending removal of small area of contaminated soils from a tee-box close to the maintenance building. AECOM is currently working with the City to authorize this work.

The design-build scope of work includes the following: construction of the roads (at or above grade) and stormwater infrastructure, including but not limited to design of roadway reconstruction, milling and resurfacing, drainage improvements, stormwater modeling, sidewalks, ADA compliant ramps, curb and/or gutter structures, pavement markings and striping, roadway signage, and utility coordination. The drainage improvements include an exfiltration trench retention system and stormwater pipe conveyance.

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY NUMBER

4

Coral Gables Country Club Environmental Assessment and Remediation Services, Coral Gables, FL (continued)

Drainage Design Report

As part of the DCP, AECOM developed a Drainage Design Report to provide the Design-Build Firm (DBF) the parameters for developing a detailed drainage design. AECOM developed specifics on the estimated minimum pipe sizes and discharge rates needed to achieve the agreed upon level of service (LOS) of the system. AECOM modeled the 5-year, 24-hour future design storm for the two (2) future Sea Level Rise (SLR) scenarios defined in the City's SWMP (18-inches and 30-inches) and evaluated the LOS with respect to each scenario. For resiliency planning purposes, model simulations also included scenarios representing 18 inches and 30 inches of SLR (3.5 ft NAVD88 and 4.5 ft NAVD88, respectively); these increments were directly added to the fixed stage. Based on the City's SWMP and current South Florida Climate Compact projections, this translates to a timeframe of approximately year 2030 to year 2050 for the 18-inch SLR scenario and a timeframe of approximately year 2050 to year 2090 for the 30-inch SLR scenario projections for the four different projection curves. For design and infrastructure planning purposes, the 18-inch SLR scenario represented the design condition. Scenario 1 represented the performance of the proposed stormwater infrastructure improvements with 18 inches of SLR, Scenario 2 represented the performance of the system using the fixed stage boundary condition, and Scenario 3 represented the performance of the proposed stormwater infrastructure improvements with 30 inches of SLR.

In developing the Drainage Design Report, AECOM coordinated with representatives of agencies that will have jurisdiction over stormwater management for the project to collect data and identify criteria governing stormwater collection, retention/detention, pretreatment, discharge and/or overflow. Hydrologic and hydraulic modeling was conducted using Advanced Interconnected Channel and Pond Routing (ICPR) modeling program Version 4 (now StormWise).

Design Criteria Package (DCP)

A Design Criteria Package (DCP) was developed and provided as part of the City's Design-Build Request for Proposals (RFP). It was based on the Drainage Design Report, and consisted of the project scope, design criteria, and performance requirements. In the DCP, AECOM indicated the requirements for the design of the project. This document included a narrative description of the project, quality standards and references, technical data, performance-oriented drawings, and supplemental technical specifications which stipulate the project scope

of work and technical requirements for which all the Design-Build contractors will base their proposals. The City's existing pavement condition assessment was used to determine if a roadway was to be either fully reconstructed or milled & resurfaced.

Conceptual Plans

The purpose of the Conceptual Plans was to provide information for the interested Design-Build Firms to bid the project; these plans were developed to an approximate 30% design level of completion and included the directive and indicative requirements for bidding.

AECOM developed Roadway and Drainage Conceptual Plans based on the City's Department of Resilience and Public Works 30% Submittal Dry-Run Checklist. Plans were developed based on survey information prepared by AECOM's survey subconsultants.

Program Management and Support Services

AECOM is currently providing program management, grant administration, public engagement, and procurement support services through design and construction completion of the Auburndale Flood Mitigation Improvements project. The project is funded via the Miami Forever Bond and the following grants:

- State Appropriation: FDEP Grant Agreement LPA0328
- Resilient Florida Grant Program (RFGP) (Federal) FDEP Grant Agreement 23FRP35



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	AECOM Technical Services, Inc.	Coral Gables, FL	Prime
b.	AECOM Technical Services, Inc.	Fort Lauderdale, FL	Prime
c.	AECOM Technical Services, Inc.		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER
	5

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
Biltmore Golf Course Maintenance Area Environmental Assessment and Remediation Services, Coral Gables, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Coral Gables	Jose Olivo, PE	305.460.5000 jolivo@coralgables.com

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Scope of Work

AECOM provided environmental engineering services for assessment and remediation of soil and groundwater impacted with arsenic from discharge of water contaminated with chemicals used for maintenance of the golf course. The services included:

- A comprehensive environmental assessment of soil and groundwater contaminated with petroleum products
- Design of Remediation System to address the contaminated areas.
- Procuring services of a remediation contractor for the City
- Completion of remediation report for approval from the County

The City contracted AECOM legacy firm, URS Corporation (URS), to complete site assessment activities in the immediate vicinity of the golf course maintenance building. URS conducted additional soil and groundwater sampling and submitted a Site Assessment Report Addendum (SARA) to Miami-Dade County Department of Regulatory and Economic Resources (RER). The soil samples were collected at different depths to fully delineate the horizontal and vertical extent of the contamination from historical activities. Upon approval of the SARA by RER, a Remedial Action Plan (RAP) was submitted to and approved by RER. AECOM assisted the City in procuring the services of a remediation contractor to complete the source removal in 2 phases. A total of 1600 tons of arsenic impacted soils was excavated and hauled off-site for disposal at an authorized disposal facility. AECOM submitted a Source Removal Report for submittal to RER that was conditionally approved pending removal of small area of contaminated soils from a tee-box close to the maintenance building. AECOM is currently working with the City to authorize this work.

An important consideration for this project was consideration of proximity of homes close the proposed soil removal activities. In order to address any concerns, AECOM will have a Health and Safety Plan to include a Air Monitoring Program to monitor any air-borne contaminants and a mitigation plan should there be any exceedances above regulatory levels.

Relevance To Coral Gables	Key Personnel
<input checked="" type="checkbox"/> Environmental Assessment <input checked="" type="checkbox"/> Remediation Services <input checked="" type="checkbox"/> Hazard Mitigation <input checked="" type="checkbox"/> Procurement Services <input checked="" type="checkbox"/> Construction Oversight <input checked="" type="checkbox"/> Engineer of Record <input checked="" type="checkbox"/> Risk Based Solution	Vivek Kamath, PE Luis Smith Lorena Claire

Following the completion of the work described above, AECOM developed a risk- based closure approach. This approach considers the non-residual use of the property for managing risk and restricting use of groundwater that has been impacted with arsenic. A No Further Action with Conditions with an Engineering and Institutional Control Plan and a Restrictive Covenant will allow the City to achieve closure on the property.



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

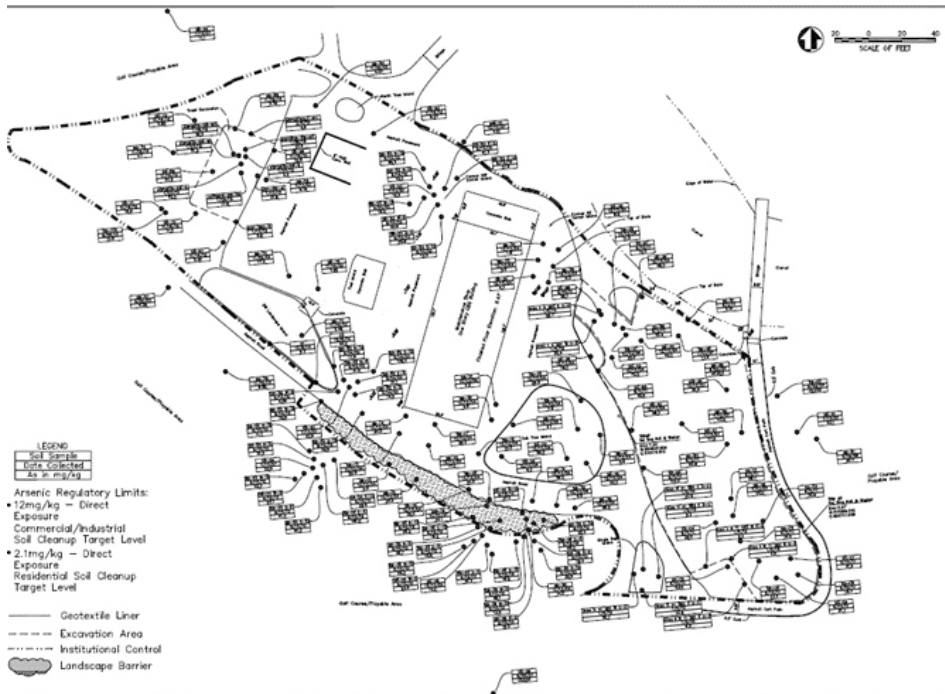
20. EXAMPLE PROJECT KEY NUMBER

5

Biltmore Golf Course Maintenance Area Environmental Assessment and Remediation Services, Coral Gables, FL (continued)



Golf Course Maintenance Area



Areas showing limits of environmental remediation work

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	AECOM Technical Services, Inc.	Coral Gables, FL	Prime
b.	AECOM Technical Services, Inc.	Fort Lauderdale, FL	Prime
c.	AECOM Technical Services, Inc.		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER
	6

21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
NE 203rd St. Intersection Improvements between SR 5/US-1 and West Dixie Hwy., Aventura, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
FDOT District 6	Kira Leon, PE	305.470.5207 kira.leon@dot.state.fl.us

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>
--

Scope of Work

The project is located in a highly congested area, where US-1 meets NE 203rd St. in Aventura, FL. This 2-level intersection, containing an FEC crossing, is being reconstructed to alleviate congestion by introducing two new flyover ramps with extremely tight curvature. This project includes a widening of a complex steel plate girder bridge and a design of a new pedestrian bridge. All four bridges span over both FEC railroad and W. Dixie Highway. Project included load rating of the two new curved steel bridges and the complex bridge widening.

Relevance To Coral Gables	Key Personnel
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Roadway and Drainage Design <input checked="" type="checkbox"/> Structural Design <input checked="" type="checkbox"/> Traffic Engineering and Transportation Planning <input checked="" type="checkbox"/> Environmental Engineering <input checked="" type="checkbox"/> Plans Review and Permitting <input checked="" type="checkbox"/> Contract Administration <input checked="" type="checkbox"/> Material Inspection <input checked="" type="checkbox"/> Project Management 	Edgar Montanez, EI Erik Boyer, PE Evelio Chavez, PE Juan Garcia, PE Luis Tejada, PE



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	AECOM Technical Services, Inc.	Coral Gables, FL	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER
	7

21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
Palm Beach International Airport Green Street Improvements, West Palm Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Palm Beach County Department of Airports	Cynthia M. Portnoy, PE	561.474.7411 cportnoy@pbia.org

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>
--

Scope of Work

AECOM is the designer/EOR for this project. The project consisted of improving the northbound right turn radius from SR-809/Military Trail to Green Street. Tasks included roadway design, drainage, TTCP, and Signing and Pavement Markings. Due to the fact that Green Street is owned by Palm Beach County Engineering and Palm Beach County Department of Airports owns the parcel on south side of Green Street, the right of way limits needed to be modified to include the proposed turning radius improvement. Additional efforts included utility coordination with Florida Power and Light, Palm Beach County Water Utilities Department including permitting efforts with Florida Department of Transportation and South Florida Water Management District.

Relevance To Coral Gables	Key Personnel
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Roadway and Drainage Design <input checked="" type="checkbox"/> Traffic Engineering and Transportation Planning <input checked="" type="checkbox"/> Environmental Engineering <input checked="" type="checkbox"/> Plans Review and Permitting <input checked="" type="checkbox"/> Contract Administration <input checked="" type="checkbox"/> Project Management 	Erik Boyer, PE Juan Garcia, PE Keith Stannard



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	AECOM Technical Services, Inc.	Fort Lauderdale, FL	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER
	8


21. TITLE AND LOCATION <i>(City and State)</i> City of Fort Lauderdale Civil Engineering Services, Fort Lauderdale, FL	22. YEAR COMPLETED				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">PROFESSIONAL SERVICES</td> <td style="width: 50%; padding: 2px;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="text-align: center; padding: 2px;">2021</td> <td style="text-align: center; padding: 2px;">2024</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2021	2024
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)				
2021	2024				

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Scott Teschky	c. POINT OF CONTACT TELEPHONE NUMBER 954.828.5552 steschky@fortlauderdale.gov

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Scope of Work

As Civil Engineering services consultant for the City of Fort Lauderdale our team has provided civil engineering, wastewater treatment, Forcemain design and distribution/conveyance services.



Relevance To Coral Gables	Key Personnel
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Chlorine Flash Demolition <input checked="" type="checkbox"/> Piping/Valves/Sluice gate <input checked="" type="checkbox"/> Construction phase services <input checked="" type="checkbox"/> Permitting <input checked="" type="checkbox"/> Met time and budget requirements 	<p>Magdala Cayemitte, PE David Wilcox, PE Bozho Handjiev, PE</p>

AECOM was selected by the City of Ft Lauderdale to prepare construction documents for the rehabilitation of the Chlorine Flash Mix Building at the 80 mgd George T Lohmeyer (GTL) Wastewater Treatment Plant. Although chlorine addition is no longer performed at the facility, flows continue through the building to the water screening facility and to the effluent pump station. The building was badly deteriorated and in need of repair.

The original design concept was to set up bypass pump stations at each of the three clarifier batteries so that the Flash Mix Building could be isolated and then repaired. Concerned about the risk associated with installing and operating three large temporary bypass pump stations, AECOM explored the option of installing new yard piping between the clarifier batteries and the water screening facility allowing for the Flash Mix Building to be demolished.

The plan developed by AECOM consisted of a four (4) step process. Step 1 consisted of replacing the existing 60" bypass line with a 72" main that would temporarily direct flow to the

effluent pump station during construction. Step 2 consisted of connecting discharge piping from the Clarifier Batteries to the new 72" main and bypassing the water screening facility and the Flash Mix Building. This was accomplished without interrupting flows through the use of tapping sleeves and line stops. Step 3 was to grout fill the box culverts between the water screening facility and the Flash Mix Building Step 4 was to divert all clarifier effluent to the Water Screening Facility and to demolish the Flash Mix Building.

This approach offers several benefits to the City. First pipe installation and flow redirection will be performed without the use of bypass pumps. Secondly, demolition of the Chlorine Flash Mix Building allows for sufficient space for the City to construct a new Generator building on the site.

This project is currently under construction and is expected to be completed in December 2024.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	AECOM Technical Services, Inc.	Fort Lauderdale, Orlando, and West Palm Beach, FL	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER
	9

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
Miami Avenue 48-inch Force Main, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2017	2019

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Miami-Dade County WASD	James Ferguson, PE	786.552.8756 james.ferguson@miamidade.gov

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)
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Scope of Work

AECOM was the lead design firm providing planning, detailed design, MOT, permitting, construction support, and certification services for the design-build project that consists of: 15,000-lf of 48-inch PCCP force main; 7,000-lf of 12-inch water main, and 1,000-lf of 24-inch drainage improvements in the downtown area along Miami Avenue, between NE 8th and NE 36th Streets.

Relevance To Coral Gables	Key Personnel
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Design services for pipelines <input checked="" type="checkbox"/> Micro-tunneling/ jack and bore <input checked="" type="checkbox"/> Drainage improvements <input checked="" type="checkbox"/> Permitting and environmental assessment <input checked="" type="checkbox"/> Traffic control 	Roger Williams, PE David Wilcox, PE Kurt Ahlgrim, PE

The project was implemented as part of the Ocean Outfall Legislation (OOL) program and is intended to relieve the 72-inch Biscayne Interceptor, which is nearing capacity, and support the future developments planned along the urbanized corridor.

and acquisition of a 20-ft wide permanent utility easement in the Woodson Park, and preparation of all MOT plans to support the seamless construction of the project in the heart of the congested Wynwood, Design, Overtown, and Mid-Town Districts.

As the lead Engineer, AECOM completed a route analysis, topographic survey, geotechnical borings, contamination screen, Phase 2 site assessment, prepared detailed plans and specifications documents (including MOTs), and acquired all thirty (30) regulatory and construction permits for the pipeline projects which comprised primarily of open cut construction and a jack and bore crossing under the FEC railroad. Included in AECOM's scope of services was the negotiation

Construction is now complete; AECOM provided limited post-design, construction administration, inspections, material testing, and certification services for the various utility elements.

AECOM's design team, led by project manager Roger Williams, provided engineering, design, permitting and inspection for design-build construction of the 48-inch sewer force main, 12-inch water mains, a 24-inch pipe for stormwater drainage, and ancillary facilities. The design team worked closely with the contractor to minimize noise, dust and other impacts to surrounding residential neighborhoods.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT
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	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	AECOM Technical Services, Inc.	Coral Gables, FL	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER
	10

21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
Master Pump Station (MPS) 306 Wastewater Basin Analyses Program, Collier County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2018	2021

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Collier County	Craig Pajer, PE	239.252.2554 craig.pajer@colliercountyfl.gov

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>
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Scope of Work

AECOM was retained by Collier County Public Utilities Division to complete a comprehensive analysis of 27 County-owned duplex wastewater pump stations, three master pump stations and the related force main network within the two-square-mile basin 306 area. The pump stations within this basin area have all been in operation for over two decades and are subject to a harsh environment, which contributes to shorter service life for system components.

The comprehensive evaluation included an initial planning and field data collection phase. Facility and equipment condition assessments were conducted by a multidisciplinary. Indirect flow monitoring and pressure monitoring was conducted to substantiate wastewater flow projections that were determined using population projections and per capita flow rates. Field surveys and subsurface utility explorations (SUE) were completed at each of the pump stations. Hydraulic modeling of the manifolded force main network was completed using SewerGEMS® Sanitary, version V8i (series 3) to evaluate system curves, flow conditions in the force main system, and the amount of wastewater flow that can bypass MPS 306 under varying conditions. In addition, a transient evaluation was to evaluate the need for additional surge protection at three master pump stations.

A preliminary design report was prepared outlining recommended improvements at each of the 30 County-owned pump stations.

Two master pump station (MPS 303 and 304) and the 27 duplex pump stations were identified for rehabilitation. A new MPS 306 master pump station was designed and constructed as an above grade in-line booster station. The new master pump station will accommodate a range of flows from 500-gpm during low flows up to 11,000-gpm during high flow emergency/maintenance conditions. Both electric chopper pumps and diesel solids handling pumps are proposed to meet the normal and high flows respectively.

Relevance To Coral Gables	Key Personnel
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Planning <input checked="" type="checkbox"/> Permitting <input checked="" type="checkbox"/> Design <input checked="" type="checkbox"/> Construction Phase Services <input checked="" type="checkbox"/> Commissioning and Programming 	David Wilcox, PE Sheldon Barnes Bozho Handjiev, PE Reshma Thummadi, PE



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	AECOM Technical Services, Inc.	Fort Myers and Miami, FL	Prime

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS											
26. NAMES OF KEY PERSONNEL <i>(From Section E, Block 12)</i>	27. ROLE IN THIS CONTRACT <i>(From Section E, Block 13)</i>	28. EXAMPLE PROJECTS LISTED IN SECTION F									
		1	2	3	4	5	6	7	8	9	10
01 Magdala Cayemitte	Contract Manager		•	•					•		
02 Erik Alcantara	Deputy Contract Manager	•	•	•							
03 Pete Hernandez	Principal-in-Charge	•	•	•					•	•	
04 Lauren Swan	Sustainability & Resilience Lead		•								
05 Erica Harris	Climate Resilience & Vulnerability Assessments	•	•								
06 Joe Webb, RLA	Community Engagement Manager / Parking Facility Design	•	•	•							
07 Alicia Gonzalez	Community Engagement Manager	•									
08 Erik Boyer	Planning and Civil Engineering Team Lead						•	•			
09 Jenn King	Planning		•								
10 Tim Blair	Architecture	•	•								
11 Chaya Mohan	Landscape Architecture	•	•	•							
12 Reshma Thummadi	Water and Sewer System Planning/Modeling		•								•
13 Thomas McGowan	Water Resources and Stormwater Planning	•	•	•							
14 James Salafia	GIS	•	•	•							
15 Kostas Kapetanakis	Transportation Planning		•	•							
16 Alex Mousadi	Lighting & Signalization		•	•							
17 Hugo Solano	Right-of-Way & Property Acquisition		•	•							
18 Tracy Glover	Grant and Loan Funding		•	•							
19 Grant Denty	Utility Coordination	•	•	•							
20 Carlos Fleitas	Historic Preservation		•								
21 Bozho Handjiev	Water & Sanitary Sewer Systems Lead	•	•						•		•
22 Luis Leon	Condition Assessment		•								
23 Kurt Ahlgrim	Distribution & Collection System Design	•	•							•	
24 Sheldon Barnes	Pump Station Systems	•	•								•
25 Fernando Navarrete	Stormwater		•	•							
26 Karen Brandon	NPDES Permitting	•	•	•					•		
27 Rich Ulkus	Construction Support Services								•	•	
28 Everette Lopez	Construction Support Services		•						•		
29 David Wilcox	Technical Advisors	•	•	•					•	•	•
30 Roger Williams	Technical Advisors	•	•	•						•	
31 Evelio Chavez	Paving & Drainage Assessment & Design Lead		•	•				•			
32 Luis Tejada	Roadway Design		•	•				•			
33 Juan Garcia	Drainage Assessment & Design		•	•				•	•		
34 Vivek Reddy	Traffic Engineering		•	•							
35 Keith Stannard	Permitting / Natural Resources and Ecological Assessments	•	•	•					•		
36 Isaiah Mosley	Permitting / Natural Resources and Ecological Assessments	•	•	•							

37 Eric Bridges	Construction Contract Drawings and Specifications			●									
38 Jose Polo	Construction Support Services			●									
39 Genevieve Cave-Hunt	Envision				●								
40 Vik Kamath	Environmental Engineering & Hazard Mitigation Lead			●	●	●	●						
41 Lorena Claire	Environmental Assessment				●	●	●						
42 Devansh Shah	Environmental Remediation				●	●							
43 Amy Strelman	Historic Preservation	Janus Research has not worked with AECOM Technical Services on any of the 10 example projects, however, they are committed to teaming on this contract. Their years of experience providing historic preservation services will greatly benefit the City.											
44 Kelsey Esteves	Groundwater and Stormwater Quality Assessment					●	●						
45 Michael Bennett	Groundwater and Stormwater Quality Assessment	●	●	●									
46 Claire Still	Environment and Social Governance			●									
47 Mariana Evora	Civil Engineering Support				●								
48 Jacqueline Bonfill	Surveying					●	●						
49 Gustavo Eckardt	Topographic Survey					●							

29. EXAMPLE PROJECTS KEY

NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)	NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)
1	Zone 1 (K-8 Basin) BODR	6	NE 203rd St. Intersection Improvements between SR 5/US-1 and West Dixie Hwy.
2	Zone 1 (K-8 Basin) Resiliency Improvements	7	Palm Beach International Airport Green Street Improvements
3	Auburndale Flood Mitigation Improvements Design Criteria Package (DCP)	8	City of Fort Lauderdale Civil Engineering Services
4	Coral Gables Country Club Environmental Assessment and Remediation Services	9	Miami Avenue 48-inch Force Main
5	Biltmore Golf Course Maintenance Area Environmental Assessment and Remediation Services	10	MPS 306 Wastewater Basin Analyses Program

Contracts with Coral Gables

Below is a table summarizing the various contracts AECOM has worked on for the City of Coral Gables:

City Department	Scope/ Description	Awarded Value	Dates of Contract	Project Manager and Phone Number	Prime/ Sub	Results
Public Works	Environmental Engineering Services as URS Corporation Southern	\$200,000	June 14, 2007 - September 30, 2011	Lis Ferrer, PE, Project Engineer 305.460.5031	Prime	Environmental Assessment/ Remediation: Compliance with County and State Regulations
Public Works	Environmental Engineering Consultant as URS Corporation Southern	\$200,000	January 7, 2012 - January 7, 2016	Kenneth Ingersoll, Project Coordinator 305.460.5000	Prime	Environmental Assessment/ Remediation: Compliance with County and State Regulations
Public Works	Environmental Engineering Consultant as AECOM Technical Services, Inc.	\$200,000	June 9, 2016 - June 8, 2020	Glenn Kephart, Public Works Director 305.460.5000	Prime	Environmental Assessment/ Remediation: Compliance with County and State Regulations
Public Works	Professional Services Agreement 2021-005 Country Club Site Closure Project	\$23,232 and as-needed	April 2021 - Present	Jorge Gomez, PE, Deputy PWD 305.460.5037 Jose Olivo, PE Deputy PWD 305.460.5000	Prime	Environmental Assessment/ Remediation: Compliance with County and State Regulations
Public Works	Professional Services Agreement 2022-004 - Bid Waiver 2022-091 Biltmore Golf Course Project	\$6,782 and as-needed	August 22, 2022 - Present	Jose Olivo, PE, Deputy PWD 305.460.5000	Prime	Environmental Assessment/ Remediation: Compliance with County and State Regulations
Public Works	Professional Services Agreement Architectural Consultant Services	\$150,000	May 1, 2016 - April 21, 2018	Glenn Kephart, Public Works Director 305.460.5000	Prime	Project Cost Reduction Analysis, Perimeter Fence Plans, Community Presentation Meetings, and Construction Administration for Maggiore Park Renovations and Other Task Orders
Police Department	Professional Services Agreement for the Public Safety Building Design Project	\$2.7M	April 28, 2017 - April 29, 2019	Edward Hudak, Police Chief 305.460.5418	Prime	Provided design services for the new public safety building to replace the existing police and fire headquarters.

Discontinued Use of Services List of Clients and Litigation

Provide a list with contact information of public sector clients, if any, that have discontinued use of Proposer’s services within the past two (2) years and indicate the reasons for the same. The City reserves the right to contact any reference as part of the evaluation process.

No public sector clients have discontinued services with AECOM Technical Services, Inc. (ATS) in the past two years.

Please identify each incident within the last five (5) years where (a) a civil, criminal, administrative, other similar proceeding was filed or is pending, if such proceeding arises from or is a dispute concerning the Proposer’s rights, remedies, or duties under a contract for the same or similar type services to be provided under this RFQ (See Affidavit D).

AECOM is a large design, engineering, planning and related professional services company that executes thousands of projects annually. As with any large services company, from time to time, AECOM is involved in claims and litigation, many of which involve third party personal injury and property damage claims. However, we strive to avoid litigation and have a risk management program in place that includes early recognition of situations that might give rise to a claim, open lines of communication and proactive dispute resolution. Upon knowledge and belief, formed after reasonable inquiry, AECOM has been involved in the disclosed litigation over the past five (5) years related to the performance of professional engineering, design, and construction services in the U.S. None of our current claims could reasonably be expected to have a material adverse effect on AECOM or its ability to perform under the contract contemplated by the proposal. If you require additional information, please contact Lusanna Ro, Region Chief Counsel, DCS Americas, at Lusanna.Ro@aecom.com. Our litigation within the last five years is provided on the following pages.

AECOM 5-Year Litigation

Claimant Name and Case Number	Date Filed and Venue	Status	Claim Description
Florida International Consulting Engineers Design, Inc. v. The School Board of Broward County, Florida; AECOM Technical Services, Inc.; Kathleen Langan Case No. CACE-23-020213	Circuit Court of the 17th Judicial Court, Broward County, Florida November 7, 2023	Pending	Florida International Consulting Engineers Design, Inc., an MEP firm contracted directly with SBBC served AECOM with a 40-count Complaint related to the 8 schools to which FICE is assigned. The SBBC and Kathleen Langan were also named as defendants. There are five similar allegations for each of the eight schools: fraud in the inducement, breach of contract, quantum meruit against SBBC, and professional negligence and negligence against AECOM. There are also forgery allegations against Kathleen Langan based on alleged falsification of FICE’s change order requests. AECOM and the County are working on preparing a settlement offer to FICE. No monetary contribution is sought from AECOM at this time.
Martinez Steel Corporation v. Security Paving Company, Inc., et al. Case No. BCV-23-102922-TSC	Complaint filed 8/30/23 (AECOM not named as defendant); City of Bakersfield’s Cross-Complaint filed naming AECOM Technical Services, Inc. on 12/5/23 Kern County (Bakersfield, CA)	Pending	Contractor’s Steel Subcontractor did not meet its DBE commitment, so Caltrans withheld all federal funding it was administering. Sub filed suit against City seeking payment and City cross-complained against GC and others seeking indemnity, etc. City alleges AECOM negligently performed its program management services by failing to identify that the sub was not fulfilling its DBE commitment/satisfying the project’s DBE requirements.

AECOM 5-Year Litigation

Claimant Name and Case Number	Date Filed and Venue	Status	Claim Description
Bragg Investment Company, Inc. dba Bragg Crane and Rigging Company v. Granite Construction Company; AECOM; Kie-Con; and ROES 1-100 Case No. BCV-23-102407	July 23, 2023 Superior Court of California, County of Kern	Pending	This is a cross complaint against AECOM by Bragg. The underlying suit involves a project where AECOM served as designer for a bridge for client Caltrans. Granite served as the contractor and Bragg was a subcontractor to Granite. During construction, a girder collapsed during while being lifted into place. The matter went to DRB, where AECOM was aligned and supported Caltrans' position that the collapse was caused by contractor means and methods. Following the DRB, Granite sued Bragg, who then third-partied AECOM into the case (along with several other parties).
Grand Trunk Western Railroad Company v. AECOM Technical Services, Inc. Case No. 01-23-0001-9527	April 28, 2023 American Arbitration Association	Pending	AECOM provided geotechnical, design, and construction management services to Grand Trunk Western Railroad Company (dba Canadian National Railway) at GTW's Detroit Intermodal Facility in 2018. GTW contends that the concrete storage lot known as Lot W experienced premature cracking and failures due to AECOM's purported errors and omissions in the provision of services. GTW now demands that AECOM pay the cost to remediate the damaged concrete.
Frances Katie Williams v. AECOM, et al. Case No. 23-CI00175	March 28, 2023 Henderson County, KY	Pending	Wrongful death action against AECOM and other entities alleging, among other things, AECOM was negligent in the design, engineering, maintenance, and/or construction of a leachate collection system.
April Hill Browning v. AECOM, et al. Case No. CI00173	March 28, 2023 Henderson County, KY	Pending	Wrongful death action against AECOM and other entities alleging, among other things, AECOM was negligent in the design, engineering, maintenance, and/or construction of a leachate collection system.
North Texas Tollway Authority v. Prairie Link Constructors JV, Fluor Enterprises, Inc. and Balfour Beatty Infrastructure, Inc., et al. DC-22-13917	October 7, 2022 District Court for the 160th Judicial District, Dallas County (TX)	Pending	The owner, the North Texas Tollway Authority brought suit against the design builder, Prairie Link Constructors, JV (PLC), asserting causes of action for breach of contract, negligence, negligent misrepresentation, and attorneys' fees due to alleged design and construction issues related to certain mechanically stabilized earth retaining walls. PLC subsequently filed suit against AECOM, who served as lead designer, and additional third parties with whom it had contracted to provide services on the project, asserting causes of action for breach of contract, negligence, negligent misrepresentation, duty to defend, indemnity, and contribution. AECOM denies that the retaining walls failed to meet contract specifications and presently is defending itself in the lawsuit.

AECOM 5-Year Litigation

Claimant Name and Case Number	Date Filed and Venue	Status	Claim Description
Coffman Specialties and Hillwood Construction Services v. AECOM Technical Services, Inc. Case No: CIVSB2200818	June 2, 2022 County of San Bernardino	Pending	AECOM recommended the rejection of PCC pavement at the runway apron at the San Bernardino Airport that did not comply with the contract specifications. The contractor Coffman Specialties is disputing that the concrete is acceptable due to defective test specimens.
City of New Haven v. Nosal Builders, Inc., Langan CT, Inc. et al. v. AECOM et al. Case No: HDD-CV-21-6149328-S	May 2, 2022 Superior Court of Hartford CT	Pending	City of New Haven filed a lawsuit against Nosal Builders, Langan and others related to cracking in the planked section of the non-structural topping slab. Langan, the design engineer, has third partyed AECOM and others into the suit. AECOM was performing Construction Engineering and Inspection for the City of New Haven.
Kiewit Infrastructure South Co., v. AECOM Technical Services, Inc. Case No. 8:21-cv-02093	August 31, 2021 United States District Court For The Middle District of Florida Tampa Division	Settled June 2023	The Complaint asserts two counts for breach of contract and professional negligence. The counts arise out of the following three claims for increased costs Kiewit incurred that we have been trying to resolve with Kiewit and PSI for more than 18 months regarding (1) MSE Wall Ground Improvements; (2) Increased Drilled Shaft Lengths; and (3) Bridge Bearings. Kiewit is seeking \$1.5 MM for additional direct costs due to post award changes in the bridge bearing designs. Kiewit claims that AECOM's structural engineers failed to consider/recognize certain loads in the pre-award Basis of Design. AECOM will file a Counterclaim against Kiewit and file a Crossclaim against PSI.
C.S. Legacy Construction, Inc. v. Mid-Coast Transit Constructors, et al. Case No. 37-2021-00012911-CU-BC-CTL	June 1, 2021 San Diego County Superior Court	Dismissed 11/16/2022	AECOM has been brought into the matter by way of Plaintiff CS Legacy's Complaint and cross-complainant Resource Building Material's cross-complaint alleging, among other related causes of action, professional negligence, negligent representation, and equitable indemnity related to the purchase and installation of warning pavers. AECOM provided as needed construction management support to the project as a subconsultant to Jacobs under their prime agreement with the project owner, SANDAG. Neither Jacobs nor SANDAG has been named in the matter at this time.

AECOM 5-Year Litigation

Claimant Name and Case Number	Date Filed and Venue	Status	Claim Description
<p>AECOM Technical Services, Inc. v. United States</p> <p>ASBCA No. 62800</p>	<p>February 9, 2021</p> <p>Armed Services Board of Contract Appeals</p>	<p>Pending</p>	<p>AECOM Technical Services, Inc. filed a complaint against the U.S. Army Corps of Engineers with the Armed Services Board of Contract Appeals in connection with a task order for the development and implementation of energy conservation projects at Buckley Air Force Base, Colorado. In its complaint, AECOM asserts that (1) USACE's Engineering and Support Center, Huntsville (CEHNC) acted arbitrarily and capriciously by failing to examine the relevant data and provide a rational explanation for cancelling the Project, (2) CEHNC is required to pay AECOM fair compensation for the value of its goods and services, including termination for convenience costs, and (3) CEHNC breached its duty of good faith and fair dealing.</p>
<p>Flatiron West, Inc. v. City of Oakland v. AECOM</p> <p>Case No. RG19041029</p>	<p>January 29, 2021</p> <p>County of Alameda, Rene C. Davidson Court House</p>	<p>Pending</p>	<p>The contractor (Flatiron West) has sued the City of Oakland for unpaid fees. The City contends that the unpaid fees were incurred as a result of delays and errors by the Contractor while contemporaneously cross-complaining against the AECOM/TY Lin Joint Venture, and AECOM and TY Lin individually (collectively the "JV"), that any such delays not caused by the Contractor, are the result of professional negligence on the part of the JV.</p>
<p>Colonial Pipeline Company v. Metropolitan Nashville Airport Authority and AECOM Technical Services, Inc.</p> <p>Case No. 3:20-cv-00666</p>	<p>July 31, 2020</p> <p>United States District Court for the Middle District of Tennessee Nashville Division</p>	<p>Pending</p>	<p>Cody Mitchell is a seconded employee at the Nashville Airport (MNAA) under our Staff Augmentation contract. One of Cody's responsibilities as directed by MNAA was to be a resource to TDOT for their work regarding relocation of an adjacent State Route. As a part of the TDOT work, they requested access inside the Airport Operations Area (AOA) for investigative drilling. As TDOT's designated liaison, Cody was asked to schedule a runway closure, and make arrangements for the drilling. According to GIS information provided by the airport, Colonial's pipeline appeared to be 80 feet away. When TDOT began to drill they hit Colonial's pipeline resulting in a spill. Colonial is suing for the clean-up costs.</p>
<p>United States of America v. AECOM, Emergency Response Program Management Consultants, AECOM Technical Services, Inc., AECOM Recovery, and Louisiana Department of Education</p> <p>Case No. 2:16-cv-15092-EEF-KWR</p>	<p>July 28, 2020</p> <p>Eastern District of Louisiana</p>	<p>Settled</p> <p>October 2023</p>	<p>AECOM project specialists are alleged to have inflated estimates in project worksheets prepared for FEMA after Hurricane Katrina, thereby causing FEMA to obligate more funding for disaster victims.</p>

AECOM 5-Year Litigation

Claimant Name and Case Number	Date Filed and Venue	Status	Claim Description
LLS, PLLC d/b/a Manor Kids Dentist v. Shadowglen Development Corporation v. Wurzel Builders, Ltd. Case No. D-1-GN-19-003936	July 17, 2020 District Court, 261st Judicial District, Travis County, Texas	Pending	Tenant in commercial development alleges negligence in the drainage design as lead to flooding.
Bizzack Construction, LLC v. AECOM Technical Services, Inc. et al. Case No. 5:20-cv-00084-KKC	February 13, 2020 U.S. District Court Eastern District of Kentucky	Pending	Contractor claims additional costs alleged to arise from errors in design of a bridge.
Roebbelen Contracting Inc. v. County of San Luis Obispo Case No. 56-2020-00543728-CU-BC-VTA	January 21, 2020 Ventura County Superior Court	Settled 2021	General contractor is asserting claim for damages relating to increased construction costs and delays against County of San Luis Obispo. County has cross complained against AECOM for indemnity and negligence, alleging that at least some of the contractor's alleged damages were caused by design errors and/or omissions.
AECOM Technical Services, Inc. v. Flatiron AECOM LLC Case No. 1:19-CV-02811-WJM-KLM	October 2, 2019 District of Colorado	Pending	Contract and professional negligence dispute.
South Jersey Transportation Authority v. Sambe v. AECOM et al. Case No. ATL-L-001012-18	September 4, 2019 Superior Court of New Jersey, Atlantic County	Settled 2021	AECOM was the designer of record for the Atlantic City International Airport Aircraft Rescue and Firefighting Station. The building is a two story 40,000 square foot building. SJTA, AECOM's client, has sued Sambe Construction, the construction contractor, and in turn Sambe has sued all contractors and designers on the project. Allegations in the complaint pertain to leak activities and claims related to the HVAC system.

*The above table was comprised from identifiable and retrievable corporate records for AECOM Technical Services, Inc. and excludes (i) claims involving personal injury and property damage claims not otherwise connected with the claims identified, (ii) employment-related matters, and (iii) subsidiaries and affiliates of AECOM Technical Services, Inc.

Updated: March 2024

SECTION V

Agreement Comments/Exceptions

Agreement Comments/Exceptions

As outlined in Section 1.6 Agreement Execution, AECOM Technical Services, Inc. respectfully requests consideration for the below identified revisions to the Draft Professional Services Agreement included with the RFQ. Revisions are identified in **red**:

III. Compensation

3.1 Basic Compensation

In full consideration of the services of the Professional hereunder, the Professional shall be paid at a rate stipulated for each of the services described on the RFQ pricing schedule (Exhibit B); here attached. The City reserves the right to contract with the Professional for additional services. Any increase in the agreed upon amount shall be approved by the Procurement Division or designee and shall be in accordance with applicable City and State regulations. **The Professional shall submit monthly invoices for services rendered.**

IV. Independent Professional Hold Harmless Provisions

4.5 Indemnification and Hold Harmless

To the fullest extent permitted by laws and regulations, Professional shall ~~defend~~, indemnify, and hold harmless the City, its elected and appointed officials, attorneys, administrators, contractors, agents, and employees from and against all claims, damages, losses, and expenses direct, ~~indirect, or consequential~~ (including but not limited to **reasonable** fees and charges of attorneys and other professionals and court and arbitration costs) arising out of or resulting from the performance of the work and **to the extent** caused in whole or in part by either (i) any willful, intentional, reckless, or negligent act or omission of Professional, any subcontractor, or any person or organization directly or indirectly employed by any of them to perform or furnish any of the work or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder and regardless of the negligence of any such indemnified party, or (ii) any willful, intentional, reckless, or negligent act or omission of any individual or entity not a party to this agreement, or (iii) any negligent act or omission of the City or the City's officers, agents, or employees.

Moreover, nothing in this Indemnification and Hold Harmless provision shall be considered to increase or otherwise waive any limits of liability, or to waive any immunity, established by Florida Statutes, case law, or any other source of law the fullest

extent permitted by laws and regulations, the Professional shall ~~defend~~, indemnify, and hold harmless the City, its elected and appointed officials, attorneys, administrators, consultants, agents, and employees from and against all claims, damages, losses, and expenses direct, ~~indirect, or consequential~~ (including but not limited to **reasonable** fees and charges of attorneys and other Professionals and court and arbitration costs) arising out of or resulting from the performance of the work and **to the extent** caused in whole or in part by either (i) any willful, intentional, reckless, or negligent act or omission of Professional, any sub consultant, or any person or organization directly or indirectly employed by any of them to perform or furnish any of the work or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder and regardless of the negligence of any such indemnified party, or (ii) any willful, intentional, reckless, or negligent act or omission of any individual or entity not a party to this agreement, or (iii) any negligent act or omission of the City or the City's officers, agents, or employees.

The indemnification and hold harmless provision shall include, but not be limited to, all of the following:

- a. Damages awarded to any person or party.
- b. **Reasonable** attorney's fees and costs incurred in defending such claims. The CITY may use the attorney or law firm of its choice in which event the Supplier will pay such firm the fees it charges the CITY, provided such fees are reasonable in light of the prevailing market rate for similar legal services. Such fees shall be deemed reasonable if they are no greater than the fees that CITY pays other counsel for representation in similar cases. If the City Attorney's Office provides the defense, Supplier will reimburse the CITY at the prevailing market rate for similar legal services.

VII. Standard of Care

7.2

The Professional warrants that all services shall be performed by skilled and competent personnel **which shall comply with the established Standard of Care** to the highest Professional standards in the field.

XIV. Default and Termination

14.1

If, after notice of termination for cause, it is determined for any reason that Professional was not in default, the rights and obligations of the City and the Professional shall be the same as though the termination had been a termination for convenience. In no event shall **one Party be liable to the other Party** ~~the City be liable to Professional~~ for lost profits on any work not performed, overhead, or any other type of consequential, special or indirect damages, and **the Parties** ~~Professional~~ hereby **waive** the same.

XXXIII. Waiver of Consequential Damages

33.1

Professional **and the City waive** claims against **each other** ~~the CITY~~ for consequential damages arising out of or related to this Agreement or its performance including, but not limited to, damages for lost income, profit, lost bonding capacity, financing, business and reputation, or for loss of management or labor productivity, damages incurred for principal office expenses, including the compensation of personnel stationed there, and for anticipated profit on any **obligation work** not performed by **the Parties** ~~Professional~~.

About AECOM

AECOM is the world's trusted infrastructure consulting firm, delivering professional services throughout the project lifecycle – from advisory, planning, design and engineering to program and construction management. On projects spanning transportation, buildings, water, new energy, and the environment, our public- and private-sector clients trust us to solve their most complex challenges. Our teams are driven by a common purpose to deliver a better world through our unrivaled technical and digital expertise, a culture of equity, diversity and inclusion, and a commitment to environmental, social and governance priorities. AECOM is a Fortune 500 firm and its Professional Services business had revenue of \$14.4 billion in fiscal year 2023. See how we are delivering sustainable legacies for generations to come at [aecom.com](https://www.aecom.com) and [@AECOM](https://www.instagram.com/AECOM).