

SERVICE CONTRACT

THIS AGREEMENT is made and entered into on _____, by the **City of Pompano Beach** ("City") and **AECOM Technical Services, Inc.**, a foreign profit corporation registered in Florida ("Contractor").

WHEREAS, City requires services which Contractor is capable of providing under the terms and conditions described herein; and

WHEREAS, Contractor is able and prepared to provide such services to City under the terms and conditions set forth herein.

NOW, THEREFORE, in consideration of those mutual promises and the terms and conditions set forth hereafter, the parties agree as follows:

1. *Contract Documents.* This Agreement consists of the Scope of Work and **Request for Qualification (RFQ) – RFQ25-037 Professional Services for Sustainability Projects**, set forth in Exhibit "A" (the "Work") and, the Insurance Requirements set forth in Exhibit "B" both of which are attached hereto and made a part hereof; and all written modifications issued after execution of this Agreement.

2. *Purpose.* The City, on behalf of its Planning Department, desires to contract with Contractor to provide qualified professional services to advance sustainability and resilience initiatives services upon the terms and conditions set forth herein.

3. *Scope of Work.* Contractor shall provide the Scope of Services and **RFQ25-037** set forth in Exhibit "A" and insurance set forth in Exhibit "B" both attached hereto and made a part hereof. If the Work requires Contractor to provide materials or complete the Work within a specified time frame or in accordance with certain plans and specifications, these terms and conditions shall be set forth and included in Exhibit "A" and Contractor agrees to provide said materials or Work in accordance therewith. Contractor and Contractor's heirs, executors, administrators, successors and assigns, do hereby agree to full performance of all covenants contained herein on Contractor's part.

4. *Term of Contract.* This Contract shall be for a **term of three (3) years**, beginning with the date it is fully executed by both parties. After the initial three (3) years, the contract **can be renewed for two (2) additional one-year terms**, subject to the agreement of both parties. The CITY reserves the right to negotiate the terms of its respective agreement with the awarded company.

6. *Maximum Obligation.* City agrees to pay Contractor for performing the Work and providing the required insurance.

7. *Price Formula, Payment and Invoices.*

A. *Price Formula.* City agrees to pay Contractor for performance of the Work set forth in this Agreement as follows:

Services not to exceed Two Hundred Thousand Dollars (\$200,000.00) per CITY's fiscal year.

B. **Payment.** All payments by City shall be made after the Work has been verified and completed. **Scope of Work will be assigned** with each task to be initiated as permitted by funding when and as directed **by City via a Work Authorization.**

Unless disputed by City as provided herein, upon City's receipt of a Proper Invoice as defined in § 218.72, Florida Statutes, as amended, City shall forward Contractor payment for (i) construction services defined as all labor, services, and materials provided in connection with the construction, alteration, repair, demolition, reconstruction, or any other improvement to real property that require a license under Parts I and II of Chapter 489, Florida Statutes, within twenty-five (25) business days and (ii) forty five (45) days for all goods and services provided other than construction services.

City may temporarily remove for review any disputed amount, by line item, from an invoice and shall timely provide Contractor written notification of any such disputed charge. Contractor shall provide clarification and a satisfactory explanation to City, along with revised copies of all such documents if inaccuracies or errors are discovered, within ten (10) days of receipt of City's notice of the disputed amount

In the event City has a claim against Contractor for Work performed hereunder which has not been timely remedied in accordance with the provisions of this Article 7, City may withhold payment for the contested amount, in whole or in part, to protect itself from loss on account of defective Work, claims filed or reasonable evidence indicating probable filing of claims by other parties against Contractor, and/or Contractor's failure to make proper payments to subcontractors or vendors for material or labor. When the reason(s) for withholding payment are removed or resolved in a manner satisfactory to City, payment shall be made.

Resolution of improper payment requests or invoices shall be in accordance with § 218.76, Florida Statutes, as amended.

C. **Invoices for payment** shall be made after the Work has been verified and completed. Contractor shall submit invoices to City on a monthly basis based on progress of each task.

8. *Disputes.* Any factual disputes between City and the Contractor in regard to this Agreement shall be directed to the City Manager for the City, and such decision shall be final.

9. *Contract Administrators, Notices and Demands.*

A. *Contract Administrators.* During the term of this Agreement, the City's Contract Administrator shall be Jean Dolan, Principal Planner, or designee for the Planning Department, and the Contractor's Contract Administrator shall be provided by Contractor upon commencement of services (or their authorized written designee) as further identified below.

B. *Notices and Demands.* A notice, demand, or other communication hereunder by either party to the other shall be effective if it is in writing and sent via registered or certified mail or other trackable delivery service, postage prepaid to the representatives named below or is addressed and delivered to such other authorized representative at the address as that party, from time to time may designate in writing and forward to the other.

If to Contractor: Lauren Swam, Deputy PM
110 East Broward Boulevard #700
Fort Lauderdale, FL 33301
Office: 954-474-3184
Email: lauren.swam@aecom.com

If to City: Jean Dolan, Principal Planner & Contract Administrator
100 West Atlantic Blvd
Pompano Beach, FL 33060
Office: 954-545-7030
Email: Jean.Dolan@copbfl.com

With a copy to: Aymara Schmidt, Contract Manager
100 West Atlantic Blvd.
Pompano Beach, FL 33060
Phone: 954-786-5574
Email: Aymara.Schmidt@copbfl.com

10. *Ownership of Documents and Information.* All information, data, reports, plans, procedures or other proprietary rights in all Work items, developed, prepared, assembled or compiled by Contractor as required for the Work hereunder, whether complete or unfinished, shall be owned by the City without restriction, reservation or limitation of their use and made available at any time and at no cost to City upon reasonable written request for its use and/or distribution as City deems appropriate provided City has compensated Contractor for said Work product. City's re-use of Contractor's Work product shall be at its sole discretion and risk if done without Contractor's written permission. Upon completion of all Work contemplated hereunder or termination of this Agreement, copies of all of the above data shall be promptly delivered to the City's Contract Administrator upon written request. The Contractor may not disclose, use, license or sell any work developed, created, or otherwise originated hereunder to any third party whatsoever. The rights and obligations created under this Article shall survive the termination or expiration of this Agreement.

To the extent it exists and is necessary to perform the Work hereunder, City shall provide any information, data and reports in its possession to Contractor free of charge.

11. *Termination.*

A. *Termination for Breach or Default.* Breach or default of any of the covenants, duties, or terms of this Agreement shall be cause for termination, in whole or in part, of this Agreement. In the event of a breach or default, the defaulting party shall be given written notice in accordance with Article 9 herein which describes in reasonable detail the alleged breach

or default and ten (10) calendar days to cure same. Failure to cure all such described defects within the required time period shall result in termination of this contract with written notice to Contractor.

B. *Termination for Convenience.* City retains the right to terminate this Agreement for convenience upon ten (10) business days written notice to Contractor in accordance with Article 9 herein. Such Notice of Termination may include City's proposed Transition Plan and timeline for terminating the Work, requests for certain Work product documents and materials, and other provisions regarding winding down concerns and activities. City shall compensate Contractor for all authorized Work satisfactorily performed through the termination date under the payment terms set forth in Article 7 above and all Work product documents and materials shall be delivered to City within ten (10) business days from the Notice of Termination. If any Work hereunder is in progress but not completed as of the date of the termination, then upon City's written approval, this Agreement may be extended until said Work is completed and accepted by City.

12. *Force Majeure.* Neither party shall be obligated to perform any duty, requirement or obligation hereunder if such performance is prevented by fire, hurricane, earthquake, explosion, war, civil disorder, sabotage, accident, flood, acts of nature or by any reason of any other matter or condition beyond the control of either party which cannot be overcome by reasonable diligence and without unusual expense ("Force Majeure"). In no event shall economic hardship or lack of funds be considered an event of Force Majeure. If either party is unable to perform or delayed in their performance of any obligations hereunder by reason of any event of Force Majeure, such inability or delay shall be excused at any time during which compliance therewith is prevented by such event and during such period thereafter as may be reasonably necessary for either party to correct the adverse effect of such event of Force Majeure.

Contractor must follow all Federal, State, County, and City safety guidelines, including all CDC safety guidelines in effect during the term of the program, including but not limited to social distancing, and personal protection equipment. Inability to conduct the program and follow any and all required safety guidelines applicable to the COVID-19 virus or other similar pandemic or emergency, or failure to follow such requirements, including but not limited to, social distancing, shall constitute grounds for immediate cancellation of this Agreement unilaterally by the City upon written notice, which may be provided via electronic mail.

13. *Insurance.* Contractor shall maintain insurance in accordance with Exhibit "B" throughout the term of this Agreement.

14. *Indemnification.* Except as expressly provided herein, no liability shall attach to the City by reason of entering into this Agreement.

A. Contractor shall at all times indemnify, defend, save and hold harmless the City, its officers, officials, employees, volunteers and other authorized agents from and against any and all claims, demands, suit, damages, attorneys' fees, fines, losses, penalties, defense costs or liabilities suffered by the City arising directly or indirectly from Contractor's performance under this Contract, including but not limited to, any act, breach, omission, negligence, recklessness or misconduct of Contractor and/or any of its agents, officers, or employees hereunder, including any

inaccuracy in or breach of any of the representations, warranties or covenants made by the Contractor, its agents, officers and/or employees, in the performance of services of this contract. Contractor agrees to investigate, handle, respond to, provide defense for, and defend any such claims at its sole expense and to bear all other costs and expenses related thereto, even if the claim(s) is/are groundless, false or fraudulent. To the extent considered necessary by City, any sums due Contractor hereunder may be retained by City until all of City's claims for indemnification hereunder have been settled or otherwise resolved, and any amount withheld shall not be subject to payment of interest by City.

B. Contractor acknowledges and agrees that City would not enter into this Agreement without Contractor's indemnification of the City. The parties agree that one percent (1%) of the total compensation paid to Contractor hereunder shall constitute specific consideration to Contractor for the indemnification provided under this Article and these provisions shall survive expiration or early termination of this Agreement.

15. *Sovereign Immunity.* Nothing in this Agreement shall constitute a waiver by the City of its sovereign immunity limits as set forth in section 768.28, Florida Statutes. Nothing herein shall be construed as consent from either party to be sued by third parties.

16. *Non-Assignability and Subcontracting.*

A. *Non-Assignability.* This Agreement is not assignable and Contractor agrees it shall not assign or otherwise transfer any of its interests, rights or obligations hereunder, in whole or in part, to any other person or entity without City's prior written consent which must be sought in writing not less than fifteen (15) days prior to the date of any proposed assignment. Any attempt by Contractor to assign or transfer any of its rights or obligations hereunder without first obtaining City's written approval shall not be binding on City and, at City's sole discretion, may result in City's immediate termination of this Agreement whereby City shall be released of any of its obligations hereunder. In addition, this Agreement and the rights and obligations herein shall not be assignable or transferable by any process or proceeding in court, or by judgment, execution, proceedings in insolvency, bankruptcy or receivership. In the event of Contractor's insolvency or bankruptcy, City may, at its option, terminate and cancel this Agreement without any notice of any kind whatsoever, in which event all rights of Contractor hereunder shall immediately cease and terminate.

B. *Subcontracting.* Prior to subcontracting for Work to be performed hereunder, Contractor shall be required to obtain the written approval of the City's Contract Administrator. If the City's Contract Administrator, in his/her sole discretion, objects to the proposed subcontractor, Contractor shall be prohibited from allowing that subcontractor to provide any Work hereunder. Although Contractor may subcontract Work in accordance with this Article, Contractor remains responsible for any and all contractual obligations hereunder and shall also be responsible to ensure that none of its proposed subcontractors are listed on the *Convicted Vendors List* referenced in accordance with the provisions of Article 28 below.

17. *Performance Under Law.* The Contractor, in the performance of duties under the Agreement, agrees to comply with all applicable local, state and/or federal laws and ordinances

including, but not limited to, standards of licensing, conduct of business and those relating to criminal activity, and the Americans with Disabilities Act (ADA).

18. *Audit and Inspection Records.* The Contractor shall permit the authorized representatives of the City to inspect and audit all data and records of the Contractor, if any, relating to performance under the contract until the expiration of three years after final payment under this contract.

The Contractor further agrees to include in all his subcontracts hereunder a provision to the effect that the subcontractor agrees that City or any of their duly authorized representatives shall, until the expiration of three years after final payment under the subcontractor, have access to and the right to examine any directly pertinent books, documents, papers and records of such subcontractor, involving transactions related to the subcontractor.

19. A. *Adherence to Law.* Both parties shall adhere to all applicable laws governing their relationship with their employees including, but not limited to, laws, rules, regulations and policies concerning worker's compensation, unemployment compensation and minimum wage requirements.

B. *Conflict of Interest.* During the time period this Agreement is in effect, Contractor, its employees subcontractors, and agents shall not engage in any conduct or activities that would constitute a conflict of interest, and shall otherwise avoid any appearance of such conflict of interest. Additionally, Contractor, its employees subcontractors, and agents shall refrain from acting adverse to the City's interest in promoting the goals and objectives of this Agreement. Any potential such conflict of interest must be reported to the City and may be waived only upon additional review and approval by the City Manager.

Furthermore, none of Contractor's employees, subcontractors, and agents shall, during the term of this Agreement, serve as an expert witness against City in any legal or administrative proceeding in which he, she, or Contractor is not a party, unless compelled by court process. Further, such persons shall not give sworn testimony or issue a report or writing, as an expression of his or her expert opinion, which is adverse or prejudicial to the interests of City in connection with any such pending or threatened legal or administrative proceeding unless compelled by court process. The limitations of this section shall not preclude Contractor or any persons in any way from representing themselves, including giving expert testimony in support thereof, in any action or in any administrative or legal proceeding.

The existence of any such conflict of interest, or evidence of non-compliance with the above paragraphs, may serve as grounds for termination of this Agreement pursuant to Paragraph 11, Termination.

20. *Independent Contractor.* The Contractor shall be deemed an independent Contractor for all purposes, and the employees of the Contractor or any of its contractors, subcontractors and the employees thereof, shall not in any manner be deemed to be employees of City. As such, the employees of the Contractor, its Contractors or subcontractors, shall not be subject to any withholding for tax, social security or other purposes by City, nor shall such

Contractor, subcontractor or employee be entitled to sick leave, pension benefits, vacation, medical benefits, life insurance, workers or unemployment compensation or the like from City.

21. *Contractor cooperation.* The Contractor recognizes that the performance of this contract is essential to the provision of vital public services and the accomplishment of the stated goals and mission of City. Therefore, the Contractor shall be responsible to maintain a cooperative and good faith attitude in all relations with City and shall actively foster a public image of mutual benefit to both parties. The Contractor shall not make any statements or take any actions detrimental to this effort.

22. *Public Records.*

A. The City of Pompano Beach is a public agency subject to Chapter 119, Florida Statutes. The Contractor shall comply with Florida's Public Records Law, as amended. Specifically, the Contractor shall:

1. Keep and maintain public records required by the City in order to perform the service.

2. Upon request from the City's custodian of public records, provide the City with a copy of requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes or as otherwise provided by law.

3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the Contractor does not transfer the records to the City.

4. Upon completion of the contract, transfer, at no cost to the City, all public records in possession of the Contractor, or keep and maintain public records required by the City to perform the service. If the Contractor transfers all public records to the City upon completion of the contract, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of the contract, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records in a format that is compatible with the information technology systems of the City.

B. Failure of the Contractor to provide the above described public records to the City within a reasonable time may subject Contractor to penalties under 119.10, Florida Statutes, as amended.

PUBLIC RECORDS CUSTODIAN

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

CITY CLERK

100 W. Atlantic Blvd., Suite 253

Pompano Beach, Florida 33060

(954) 786-4611

RecordsCustodian@copbfl.com

23. *Governing Law; Venue; Waiver of Jury Trial.* This Agreement shall be interpreted and construed in accordance with and governed by the laws of the State of Florida. The exclusive venue for any litigation arising from, related to, or in connection with this Agreement shall be in the Seventeenth Judicial Circuit in and for Broward County, Florida, or in the United States District Court for the Southern District of Florida, or United States Bankruptcy Court for the Southern District of Florida, as applicable. BY ENTERING INTO THIS AGREEMENT, THE PARTIES EXPRESSLY WAIVE ANY RIGHTS EITHER PARTY MAY HAVE TO A TRIAL BY JURY OF ANY CIVIL LITIGATION RELATED TO THIS AGREEMENT.

24. *Waiver and Modification.*

A. No waiver made by either party with respect to performance, manner, time, or any obligation of either party or any condition hereunder shall be considered a waiver of that party's rights with respect to the particular obligation or condition beyond those expressly waived in writing or a waiver of any other rights of the party making the waiver or any other obligations of the other party.

B. No Waiver by Delay. The City shall have the right to institute such actions or proceedings as it may deem desirable for effectuating the purposes of this Agreement provided that any delay by City in asserting its rights hereunder shall not operate as a waiver of such rights or limit them in any way. The intent of this provision is that City shall not be constrained to exercise such remedy at a time when it may still hope to otherwise resolve the problems created by the default or risk nor shall any waiver made by City with respect to any specific default by Contractor be considered a waiver of City's rights with respect to that default or any other default by Contractor.

C. Either party may request changes to modify certain provisions of this Agreement; however, unless otherwise provided for herein, any such changes must be contained in a written amendment executed by both parties with the same formality of this Agreement.

25. *No Contingent Fee.* Contractor warrants that other than a bona fide employee working solely for Contractor, Contractor has not employed or retained any person or entity, or

paid or agreed to pay any person or entity, any fee, commission, gift or any other consideration to solicit or secure this Agreement or contingent upon or resulting from the award or making of this Agreement. In the event of Contractor's breach or violation of this provision, City shall have the right to terminate this Agreement without liability and, at City's sole discretion, to deduct from the Price Formula set forth in Article 7 or otherwise recover the full amount of such fee, commission, gift or other consideration.

26. *Attorneys' Fees and Costs.* In the event of any litigation involving the provisions of this Agreement, both parties agree that the prevailing party in such litigation shall be entitled to recover from the non-prevailing party reasonable attorney and paraprofessional fees as well as all out-of-pocket costs and expenses incurred thereby by the prevailing party in such litigation through all appellate levels.

27. *No Third Party Beneficiaries.* Contractor and City agree that this Agreement and other agreements pertaining to Contractor's performance hereunder shall not create any obligation on Contractor or City's part to third parties. No person not a party to this Agreement shall be a third-party beneficiary or acquire any rights hereunder.

28. *Public Entity Crimes Act.* As of the full execution of this Agreement, Contractor certifies that in accordance with §287.133, Florida Statutes, it is not on the *Convicted Vendors List* maintained by the State of Florida, Department of General Services. If Contractor is subsequently listed on the *Convicted Vendors List* during the term of this Agreement, Contractor agrees it shall immediately provide City written notice of such designation in accordance with Article 9 above.

29. *Entire Agreement.* This document incorporates and includes all prior negotiations, correspondence, conversations, agreements or understandings applicable to the matters contained herein, and the parties agree that there are no commitments, agreements or understandings concerning the subject matter of this Agreement that are not contained in this document. Accordingly, it is agreed that no deviation from the terms hereof shall be predicated upon any prior representations or agreements, whether oral or written.

30. *Headings.* The headings or titles to Articles of this Agreement are not part of the Agreement and shall have no effect upon the construction or interpretation of any part of this Agreement.

31. *Counterparts.* This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. A photocopy, email or facsimile copy of this Agreement and any signatory hereon shall be considered for all purposes as original.

32. *Approvals.* Whenever CITY approval(s) shall be required for any action under this Agreement, said approval(s) shall not be unreasonably withheld.

33. *Absence of Conflicts of Interest.* Contractor represents that it presently has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with their performance under this Agreement and that no person having any conflicting interest shall be employed or engaged by either party in its performance under this Agreement.

34. *Binding Effect.* The benefits and obligations imposed pursuant to this Agreement shall be binding and enforceable by and against the parties hereto.

35. *Employment Eligibility.* By entering into this Contract, the Contractor becomes obligated to comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility." This includes but is not limited to utilization of the E-Verify System to verify the work authorization status of all newly hired employees, and requiring all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. Failure to comply will lead to termination of this Contract, or if a subcontractor knowingly violates the statute, the subcontract must be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit or County Court no later than 20 calendar days after the date of termination. If this contract is terminated for a violation of the statute by the Contractor, the Contractor may not be awarded a public contract for a period of 1 year after the date of termination

36. *Scrutinized Companies.* By execution of this Agreement, in accordance with the requirements of F.S. 287.135 and F.S. 215.473, Contractor certifies that Contractor is not participating in a boycott of Israel. Contractor further certifies that Contractor is not on the Scrutinized Companies that Boycott Israel list, not on the Scrutinized Companies with Activities in Sudan List, and not on the Scrutinized Companies with Activities in Iran Terrorism Sectors List, nor has Contractor been engaged in business operations in Syria. Subject to limited exceptions provided in state law, the City will not contract for the provision of goods or services with any scrutinized company referred to above. In accordance with Section 287.135, Florida Statutes as amended, a company is ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a contract with any agency or local government entity for goods or services of:

- A. Any amount if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, or is engaged in a boycott of Israel; or
- B. One million dollars or more if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company:
 - 1. Is on the Scrutinized Companies with Activities in Sudan List of the Scrutinized Companies with Activities in Iran Terrorism Sectors List, created pursuant to Section 215.473, Florida Statutes; or
 - 2. Is engaged in business operations in Syria.
- C. Submitting a false certification or being placed on a list created pursuant to Section 215.473, Florida Statutes relating to scrutinized active business operations in Iran after Contractor has submitted a certification, shall be deemed a material breach of contract. The City shall provide notice, in writing, to Contractor of the City's determination concerning the false certification. Contractor shall have five (5) days from receipt of notice to refute the false

certification allegation. If such false certification is discovered during the active contract term, Contractor shall have ninety (90) days following receipt of the notice to respond in writing and demonstrate that the determination of false certification was made in error. If Contractor does not demonstrate that the City's determination of false certification was made in error then the City shall have the right to terminate the contract and seek civil remedies pursuant to Section 287.135, Florida Statutes, as amended from time to time.

37. *Affidavit of Compliance with Anti-Human Trafficking Laws.* In accordance with section 787.06 (13), Florida Statutes, the undersigned, on behalf of the entity listed below (“Entity”), hereby attests under penalty of perjury that:

- A. Entity does not use coercion for labor or services as defined in Section 787.06, Florida Statutes, entitled “Human Trafficking”.

38. *Affidavit of Compliance with Foreign Entity Laws.* The undersigned, on behalf of the entity listed below (“Entity”), hereby attests under penalty of perjury as follows:

- A. Entity is not owned by the government of a foreign country of concern as defined in Section 287.138, Florida Statutes.
- B. The government of a foreign country of concern does not have a controlling interest in Entity.
- C. Entity is not organized under the laws of, and does not have a principal place of business in, a foreign country of concern.
- D. Entity is not owned or controlled by the government of a foreign country of concern, as defined in Section 692.201, Florida Statutes.
- E. Entity is not a partnership, association, corporation, organization, or other combination of persons organized under the laws of or having its principal place of business in a foreign country of concern, as defined in Section 692.201, Florida Statutes, or a subsidiary of such entity.
- F. Entity is not a foreign principal, as defined in Section 692.201, Florida Statutes.
- G. Entity is in compliance with all applicable requirements of Sections 692.202, 692.203, and 692.204, Florida Statutes.

39. *Annual Budgetary Funding/Cancellation.* This Agreement and all obligations of the City hereunder requiring the expenditure of funds are subject to and contingent upon annual budgetary funding and appropriations by the City Commission.

40. *Severability.* Should any provision of this Agreement or the applications of such provisions be rendered or declared invalid by a court action or by reason of any existing or

subsequently enacted legislation, the remaining provisions of this Agreement shall remain in full force and effect.

THE REMAINDER OF THE PAGE IS INTENTIONALLY LEFT BLANK

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year hereinabove written.

Attest:

CITY OF POMPANO BEACH

KERVIN ALFRED, CITY CLERK

By:_____
REX HARDIN, MAYOR

By:_____
GREGORY P. HARRISON, CITY MANAGER

APPROVED AS TO FORM:

MARK E. BERMAN, CITY ATTORNEY

(SEAL)

"CONTRACTOR"

AECOM Technical Services, Inc.

Witnesses:

Kelley Samuels

By: K.R.

Keith Stannard, Authorized Signatory

Kelley Samuels

(Print or Type Name)

Genevieve Cave-Hunt

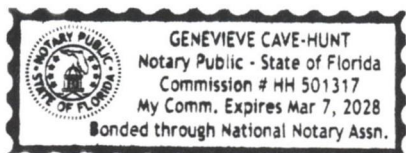
(Print or Type Name)

STATE OF Florida

COUNTY OF Miami-Dade

The foregoing instrument was acknowledged before me, by means of ☒ physical presence or ☐ online notarization, this 22 day of August, 2025, by Keith Stannard, as Authorized Signatory of AECOM Technical Services, Inc., a California corporation registered in Florida on behalf of the corporation, who is personally known to me or who has produced _____ as identification.

NOTARY'S SEAL:



Genevieve Cave-Hunt

NOTARY PUBLIC, STATE OF Florida

Genevieve Cave-Hunt

(Name of Acknowledger Typed, Printed or Stamped)

HH 501317

Commission Number

EXHIBIT “A”



AECOM Technical Services, Inc. 213.593.8100 tel
300 South Grand Avenue 213.593.8730 fax
9th Floor
Los Angeles, CA 90071
www.aecom.com

SECRETARY'S CERTIFICATE

AECOM TECHNICAL SERVICES, INC. a California corporation

I, Armond Tatevossian, DO HEREBY CERTIFY that I am a duly elected and acting Secretary of AECOM Technical Services, Inc., a corporation organized under the laws of the State of California ("ATS" or "Corporation"), and the keeper of its records and corporate seal.

I FURTHER CERTIFY that the Corporation's principal place of business is 300 South Grand Avenue, 9th Floor, Los Angeles, California 90071.

I FURTHER CERTIFY that pursuant to the Written Consent of the Board of Directors of ATS, adopted on June 23, 2025, and attached hereto as Exhibit A, Keith Stannard has signatory authority for ATS and is authorized to execute contracts and other documents on behalf of the Corporation.

IN WITNESS WHEREOF, I have subscribed my name and affixed the seal of the Corporation, this 19th day of August 2025.


Armond Tatevossian
Secretary



**UNANIMOUS ACTION OF THE BOARD OF DIRECTORS
OF
AECOM TECHNICAL SERVICES, INC.**

The undersigned, being all the members of the Board of Directors of AECOM TECHNICAL SERVICES, INC. (the "Corporation"), a California corporation, hereby take the following action:

RESOLVED: That, "the following U.S. based persons are designated with authority by the Board of Directors to execute contracts and other legal documents on behalf of the Corporation within the boundaries of specific Regions and Business Lines as noted and effective as of the dates set forth below:"

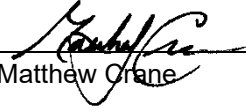
Effective June 23, 2025:

Last Name	First Name	Region	Business Line
Stannard	Keith	East	Environment

IN TESTIMONY WHEREOF, all the Directors have hereunto set their hands this 23rd day of June, 2025.



Allison Hall



Matthew Crane



Karl Jensen



Armond Tatevossian



Florida's Warmest Welcome

CITY OF POMPANO BEACH

**REQUEST FOR QUALIFICATIONS
RFQ25-037**

Professional Services for Sustainability Projects

VIRTUAL PRE-BIDDERS CONFERENCE:

April 29, 2025, 10:00 A.M.

VIRTUAL BID OPENING:

May 22, 2025, 2:00:00 P.M.

For access, go to:

<https://pompanobeachfl.gov/pages/meetings>

Dear Prospective Proposers,

SUBJECT: REQUEST FOR QUALIFICATIONS (RFQ) - RFQ25-037 PROFESSIONAL SERVICES FOR SUSTAINABILITY PROJECTS.

The City of Pompano Beach seeks to engage qualified professional services to advance sustainability and resilience initiatives. This RFQ aims to select firm(s) with proven expertise in engineering, urban planning, vulnerability assessment, adaptation planning, biodiversity enhancement, natural resource conservation, green stormwater infrastructure, urban forestry planning, and sustainability policy integration.

This RFQ intends to approve a list of firms rather than awarding the contract to any specific firm. The City plans to engage up to 8 firms for professional services to advance sustainability and resilience initiatives. This approach allows us to leverage the expertise of multiple firms, ensuring a diverse range of perspectives and solutions. By collaborating with these selected firms, we aim to enhance our efforts in developing and implementing effective strategies that promote sustainability and resilience within our community. The selected firms shall demonstrate specific experience and capabilities and must have qualified personnel and expertise in the specified disciplines.

This RFQ is subject to the “Cone of Silence,” which imposes certain restrictions on communications concerning the RFQ process.

The Cone of Silence shall take effect once this solicitation is released to the General Public. Respondents to this solicitation or persons acting on their behalf may not contact, between the release of the solicitation and the end of the 72 hours following the agency posting the notice of intended award, excluding Saturdays, Sundays, and state holidays, any employee or officer of the executive or legislative branch concerning any aspect of this solicitation, except in writing to the procurement officer or as provided in the solicitation documents. Violation of this provision may be grounds for rejecting a response.” (F.S 287.057 (25)).

Any proposer or lobbyist for a proposer is prohibited from having any communications concerning any solicitation for a competitive procurement with any member of the City Commission, City Clerk, City Manager’s Office, any Evaluation Committee Member, or any other City of Pompano Beach employee after Procurement and Contracts releases a solicitation to the General Public. All communications must go through the Procurement and Contracts Department staff. No other member of the City Commission, City Clerk, City Manager’s Office, any Evaluation Committee Member, or any other City of Pompano Beach employee should be contacted concerning this RFQ. Any information that amends any portion of this RFQ received by any method other than an Addendum issued to the RFQ is not binding on the City of Pompano Beach.

The City will receive sealed proposals until 2:00:00 p.m. (EST), May 22, 2025. Proposals must be submitted electronically through the eBid System (IonWave) on or before the due date and time as provided herein. Any proposal received after the due date and time specified will not be considered. Any uncertainty regarding the time a proposal is accepted will be resolved against the proposer.

Proposers must be registered on the City's eBid System in order to view the solicitation documents and respond to this Solicitation. The complete solicitation document can be downloaded from the eBid System as a PDF at <https://www.pompanobeachfl.ionwave.net>. The City is not responsible for the accuracy or completeness of any documentation the proposer receives from any source other than the eBid System. The proposer is solely responsible for downloading all required documents. A list of proposers will be read aloud in a public forum. To attend the virtual public meeting, go to <https://www.pompanobeachfl.gov/pages/meetings> to find the Zoom link.

Carefully read all portions of the RFP document to ensure the Proposer's bid fully complies with all requirements.

Procurement and Contracts Department
City of Pompano Beach, Florida.

SCHEDULE OF EVENTS

RFQ NUMBER:	RFQ25-037
RFQ TITLE:	PROFESSIONAL SERVICES FOR SUSTAINABILITY PROJECTS
RELEASE DATE:	4/17/2025
DATE PUBLISHED IN SUN-SENTINEL	4/23/2025
VIRTUAL NON-MANDATORY PRE-BIDDERS CONFERENCE	4/29/2025 – 10:00 AM (EST)
WRITTEN QUESTIONS AND INQUIRIES ARE DUE ON OR BEFORE:	5/12/2025 – 05:00 PM (EST)
ADDENDA AS RESPONSES TO QUESTIONS SHALL BE ISSUED ON OR BEFORE:	5/15/2025
RFQ RESPONSES DUE DATE/TIME:	5/22/2025 - 02:00 PM (EST)
EVALUATION COMMITTEE MEETINGS	TBD
RECOMMENDATION FOR AWARD:	TBD
DIRECT ALL INQUIRIES TO:	https://pompanobeachfl.ionwave.net
E-PROPOSAL SUBMITTALS ONLY:	https://pompanobeachfl.ionwave.net
PROPOSAL VIRTUAL OPENING:	https://www.pompanobeachfl.gov/meetings

Non-Mandatory Pre-Proposal Meeting

The non-mandatory Pre-Proposal Meeting will be held via Virtual Zoom Meeting on 4/29/2025, at 10:00 a.m. (local). Attendance at the Pre-Submittal Meeting is non-mandatory. The Zoom link is available on the City's Meetings webpage: <https://www.pompanobeachfl.gov/meetings>

A. Introduction

The City of Pompano Beach seeks to engage qualified professional services to advance sustainability and resilience initiatives. This RFQ aims to select firm(s) with proven expertise in engineering, urban planning, vulnerability assessment, adaptation planning, biodiversity enhancement, natural resource conservation, green stormwater infrastructure, urban forestry planning, and sustainability policy integration.

B. Scope of Services

1. Adaptation Plan Development.

Objective: Develop an Adaptation Plan that builds on the existing vulnerability assessment to enhance community resilience and address identified vulnerabilities.

Key Tasks:

- The 'Request for Proposal' serves as a crucial tool to identify and prioritize adaptation actions

based on feasibility, cost-effectiveness, and social and environmental impacts.

- Incorporate green stormwater infrastructure as a central component of adaptation strategies where applicable.
- Utilize an objective framework with qualitative and quantitative measures to assess project benefits, community acceptance, and potential obstacles.
- Develop an implementation schedule and funding strategy to support the procurement and execution of prioritized actions.
- Ensure the plan enhances flood mitigation, biodiversity, and natural resource conservation.

2. Implementation Planning

Objective: Translate adaptation strategies into actionable implementation plans that support sustainable urban development.

Key Tasks:

- Develop detailed implementation plans with timelines, budgets, and performance metrics to ensure effective execution.
- Coordinate with city departments and stakeholders to facilitate seamless integration into existing municipal operations.
- Incorporate strategies for biodiversity enhancement, natural resource conservation, and green stormwater infrastructure.
- Identify funding opportunities, including grants and public-private partnerships, to support implementation.

3. Urban Forestry Plan

Objective: Expand and sustain a resilient urban tree canopy to reduce urban heat, enhance climate adaptation, and support stormwater management.

- Key Tasks:
- Develop an Urban Tree Canopy Plan that prioritizes increasing tree coverage in public spaces such as parks, swales, right-of-way, and other municipal properties, targeting areas with high heat exposure and limited shade.
- Prioritize native species for maximum cooling, biodiversity, and low-maintenance benefits.
- Integrate green stormwater infrastructure
- Use GIS and heat mapping to identify priority planting areas and measure cooling benefits.
- Develop educational resources and outreach programs to encourage tree planting and maintenance in heat-stressed areas. Guide on selecting native tree species that are resilient to local climate conditions and beneficial for urban wildlife.

4. CRS Watershed Management Plan

- Objective: Maximize points under the requirements of the CRS Program for a Watershed Management Plan.

Key Tasks:

- Develop a comprehensive Watershed Management Plan to meet the Community Rating System manual requirements.
- Conduct hydrologic and hydraulic modeling to assess existing watershed conditions, identifying areas vulnerable to flooding and water quality issues.
- Prioritize watershed restoration projects and green infrastructure solutions to enhance resilience to climate change impacts.
- Incorporate strategies to promote groundwater recharge, improve water quality, and reduce flood risks.
- Coordinate with regional water management agencies to ensure compliance with regional policies and regulations.

- Integrate the Watershed Management Plan with other sustainability and adaptation initiatives to support holistic water resource management.

5. Water Audit at Selected City Facilities

Objective: Identify inefficiencies and conservation opportunities in municipal water usage to reduce consumption and enhance sustainability.

- Conduct a detailed water audit at selected city facilities to identify inefficiencies and opportunities for conservation.
- Assess indoor and outdoor water usage patterns, leak detection, fixture efficiency, and potential reuse strategies.
- Provide recommendations for reducing water consumption, implementing conservation technologies, and enhancing operational efficiency.

6. Energy Audits at Selected City Facilities

Objective: Improve energy efficiency in municipal facilities through detailed assessments and targeted recommendations.

- Perform energy audits at selected city facilities to assess current energy usage and identify efficiency improvements.
- Evaluate HVAC systems, lighting, insulation, and equipment performance.
- Recommend energy-saving measures, renewable energy integration opportunities, and potential cost savings.
- Develop a prioritized action plan for implementing energy efficiency upgrades.

7. Greenhouse Gas (GHG) Inventory Update

Objective: Track and reduce emissions through an updated Greenhouse Gas Inventory, ensuring alignment with the City's climate goals.

- Update the City's Greenhouse Gas Inventory to measure progress on emissions reduction goals.
- Assess emissions from municipal operations and community-wide sources.
- Identify key areas for emissions reduction and provide recommendations for mitigation strategies.
- Develop a reporting framework to track and communicate progress on climate action initiatives.

C. Term of Agreement

The Term of this Agreement/Contract is effective three (3) years from the start date. After the initial three (3) years, the contract can be renewed for two additional one-year terms, subject to the agreement of both parties. The City reserves the right to negotiate the terms of its respective agreement/contract with the awarded company(ies)/firm(s).

D. Qualifications Requirements:

The selected firm(s) should demonstrate:

- Proven experience in adaptation planning, sustainability, resilience, engineering, and urban planning.
- Expertise in vulnerability assessment, biodiversity enhancement, natural resource conservation, green stormwater infrastructure, urban forestry planning, and integrated watershed management.
- Strong GIS and data analysis capabilities for mapping, modeling, and scenario planning.
- Effective communication and stakeholder engagement skills, including public outreach and

- facilitation of community involvement.
- Capacity to work collaboratively with municipal departments, regional agencies, and community stakeholders.

E. Local Business Program

The Procurement and Contracts staff will evaluate this section. On March 13, 2018, the City Commission approved Ordinance 2018-46, establishing a Local Business Program, a policy to increase the participation of City businesses in the City's procurement process.

For purposes of this solicitation, "Local Business" will be defined as follows:

TIER 1 LOCAL VENDOR.

POMPANO BEACH BUSINESS EMPLOYING POMPANO BEACH RESIDENTS. A business entity which has maintained a permanent place of business within the city limits and maintains a staffing level, within this local office, of at least ten percent who are residents of the City or includes subcontracting commitments to Local Vendors Subcontractors for at least ten percent of the contract value. The permanent place of business may not be a post office box. The business must be located in a non-residential zone and must actually distribute goods or services from that location. The business must be staffed with full-time employees within the city's limits. In addition, the business must have a current business tax receipt from the City for a minimum of one year prior to the date of issuance of a solicitation.

TIER 2 LOCAL VENDOR.

BROWARD COUNTY BUSINESS EMPLOYING POMPANO BEACH RESIDENTS OR UTILIZING LOCAL VENDOR SUBCONTRACTORS. A business entity, which has maintained a permanent place of business within Broward County and maintains a staffing level, within this local office, of at least 15% who are residents of the City or includes subcontracting commitments to Local Vendors Subcontractors for at least 20% of the contract value. The permanent place of business may not be a post office box. The business must be located in a non-residential zone and must actually distribute goods or services from that location. The business must be staffed with full-time employees that reside within the city's limits. In addition, the business must have a current business tax receipt from the respective Broward County municipality for a minimum of one year prior to the date of issuance of a solicitation.

LOCAL VENDOR SUBCONTRACTOR.

POMPANO BEACH BUSINESS. A business entity which has maintained a permanent place of business within the city limits of the City. The permanent place of business may not be a post office box. The business must be located in a non-residential zone and must actually distribute goods or services from that location. The business must be staffed with full-time employees within the city's limits. In addition, the business must have a current business tax receipt from the City for a minimum of one year prior to the date of issuance of a solicitation.

You can view the list of City businesses with a current Business Tax Receipt on the City's website and locate local companies that are available to perform the work required by the RFP scope of services. The business information, sorted by business use classification, is posted on the Business Tax Receipt Division webpage: www.pompanobeachfl.gov by selecting the Pompano Beach

Business Directory in the Shop Pompano! Section.

The City is **strongly committed** to ensuring the participation of City Businesses as contractors and subcontractors for procuring goods and services, including labor, materials, and equipment.

Proposers are required to participate in the City's Local Business Program by including, as part of their package, the Local Business Participation Form (Exhibit A), listing the local businesses that will be used on the contract, and the Letter of Intent Form (Exhibit B) from each local business that will participate in the contract.

The required goal for this Solicitation is **15%** for Local Vendor.

Suppose a Prime Contractor/Vendor cannot attain the contract's goal. In that case, the Prime Vendor will be requested to demonstrate and document that good faith efforts were made to achieve the goal by providing the Local Business Unavailability Form (Exhibit C), listing companies that were contacted but not available, and the Good Faith Effort Report (Exhibit D), describing the efforts made to include local business participation in the contract. This documentation shall be provided to the City Commission for acceptance.

The awarded Proposer will be required to submit "Local Business Subcontractor Utilization Reports" during and after projects are completed. The reports will be submitted to the assigned City project manager. The Local Business Subcontractor Utilization Report template and instructions have been included in the bid document.

Failure to meet Local Vendor Goal commitments will result in "unsatisfactory" compliance rating. Unsatisfactory ratings may impact the award of future projects if the City Commission the City Commission imposes a sanction imposes a sanction.

The City shall award a Local Vendor preference based upon vendors, contractors, or subcontractors who are local with a preference as follows:

1. For evaluation purposes, the Tier 1 and Tier 2 businesses shall be a criterion for award in this Solicitation. No business may qualify for more than one tier level.
2. For evaluation purposes, local vendors shall receive the following preferences:
 - a. Tier 1 business, as defined by this subsection, shall be granted a preference in the amount of 5 Points.
 - b. Tier 2 business, as defined by this subsection, shall be granted a preference in the amount of 2.5 Points.

The awarded vendor/contractor must comply with all Tier 1 and Tier 2 guidelines and meet all requirements before contract execution.

F. Required Proposal Submittal

Sealed proposals shall be submitted electronically through the eBid System on or before the due date and time as provided herein. Proposer shall upload the response as one (1) file to the eBid System. The file size for uploads is limited to 250 MB. If the file size exceeds 10 MB, the response must be split and uploaded as two (2) separate files.

Information to be included in the proposal: To maintain comparability and expedite the review process, proposals must be organized as specified below, with the sections clearly labeled.

Title page:

Show the project name and number, the name of the Proposer's company/firm, address, telephone number, name of the contact person, and the date.

Table of Contents:

Include a clear identification of the material by section and by page.

Letter of Transmittal:

Briefly state the Proposer's understanding of the project and express a positive commitment to provide the services described herein. Please state the name(s) of the person(s) who will be authorized to make representations for the Proposer, their title(s), office and E-mail addresses and telephone numbers. Please limit this section to two (2) pages.

Technical Approach / Relevant Projects:

Companies/Firms or teams shall submit their technical approach to perform the tasks described in the scope. Provide experience the firm with similar projects.

References:

References for past projects in the tri-county area (Broward, Palm Beach, and Miami-Dade). Describe the scope of each project in physical terms and by cost, describe the Proposer's responsibilities, and provide the contact information (name, email, telephone number) of an individual in a position of responsibility who can attest to the Proposer's activities with the project.

List any prior projects performed for the City of Pompano Beach.

Project Team Form:

Submit a proposed "Project Team" form that the firm ~~considers~~ proposes to select when a project is assigned. This form aims to identify the proposed team's key members, including any specialty subconsultants.

Organizational Chart:

Provide the organizational chart for the proposed Project Team.

Statement of Skills and Experience of Project Team:

Describe the experience of the entire project team as it relates to items described in the Scope of Services section of this RFQ. Include the experience of the prime consultants as well as other members of the project team, i.e., additional personnel, sub-consultants, branch office, team members, and other resources anticipated to be utilized in the situation a project is assigned to the firm. Name specific projects [successfully completed within the past five (5) years] where the team members have performed similar projects previously.

Resumes of Key Personnel:

Include resumes for key personnel for prime and consultants.

Office Locations:

Identify the office's location from which services will be rendered and the number of professional and administrative staff at the prime office. Also, identify the location of office(s) of the prime that may be utilized to support any or all of the professional services listed above and the number of the professional and administrative staff at the prime office location.

If companies/firms are situated outside the local area (Broward, Palm Beach, and Miami-Dade counties), include a brief statement as to whether or not the companies/firms will arrange for a local office during the term of the agreement/contract, if necessary.

Litigation:

Disclose any litigation within the past five (5) years arising from your company/firm's performance, including status/outcome.

City Forms:

The Proposer Information Page Form and any other required forms must be completed and submitted electronically through the City's eBid System. The City reserves the right to request additional information to ensure the Proposer is financially solvent. It has sufficient financial resources to perform the agreement/contract and shall provide proof of its financial solvency. At its sole discretion, the City may ask for additional evidence of financial solvency, including additional documents post-proposal opening and before evaluation demonstrating the Proposer's ability to perform the resulting agreement/contract and provide the required materials and/or services.

Reviewed and Audited Financial Statements:

Proposers shall be financially solvent and appropriately capitalized to service the City for the duration of the agreement/contract. Proposers shall provide a complete financial statement of the company's/firm's most recent audited financial statements, indicating the organization's financial condition. Must be uploaded to the Response Attachments tab in the eBid System as a separate file titled "FINANCIAL STATEMENTS" and marked "CONFIDENTIAL."

Financial statements provided shall not be older than twelve (12) months before the date of filing this solicitation's response. The financial statements must be reviewed and submitted with any accompanying notes and supplemental information. The City of Pompano Beach reserves the right to reject financial statements in which the financial condition shown is twelve (12) months or more before the submittal date.

The City is a public agency subject to Chapter 119, Florida's Public Records Law, and must provide the public with access to public records; however, financial statements that are required as submittals to prequalify for a solicitation will be exempt from public disclosure.

The City reserves the right to request additional information to ensure the Proposer is financially solvent. It has sufficient financial resources to perform the agreement/contract and shall provide proof of its financial solvency. At its sole discretion, the City may ask for additional evidence of financial solvency, including additional documents post-proposal opening and prior to evaluation demonstrating the Proposer's ability to perform the resulting agreement/contract and provide the required materials and/or services.

A combination of two (2) or more of the following may substitute for audited financial statements:

- 1) Bank letters/statements for the past three (3) months
- 2) Balance sheet, profit and loss statement, cash flow report
- 3) IRS returns for the last two (2) years
- 4) Letter from CPA showing profits and loss statements (certified)

G. Insurance

The contractor/consultant shall not commence services under the terms of this agreement/contract until certification or proof of insurance detailing terms and provisions has been received and approved in writing by the City's Risk Manager. If you are responding to a solicitation and have questions regarding the insurance requirements, don't hesitate to contact the City's Procurement and Contracts Department at (954) 786-4098. If the agreement/contract has already been awarded, please direct any inquiries and proof of the requisite insurance coverage to City staff responsible for oversight of the subject project/contract.

The contractor/Consultant is responsible for delivering to the City for timely review and written approval/disapproval Certificates of Insurance, which evidence that all insurance required hereunder is in full force and effect and which name the insured city as an additional insured on a primary basis on all such coverage.

Throughout the term of this agreement/contract, the City, by and through its Risk Manager, reserves the right to review, modify, reject, or accept any insurance policies required by this agreement/contract, including limits, coverages, or endorsements. The City reserves the right, but not the obligation, to review and reject any insurer providing coverage because of poor financial condition or failure to operate legally.

Failure to maintain the required insurance shall be considered an event of default. The requirements herein, as well as the City review or acceptance of insurance maintained by the contractor/consultant, are not intended to and shall not in any way limit or qualify the liabilities and obligations assumed by the contractor/consultant under this agreement/contract.

Throughout the term of this agreement/contract, the contractor/consultant and all sub-contractors/sub-consultants or other agents hereunder shall, at their sole expense, maintain in full force and effect, the following insurance coverages and limits described herein, including endorsements:

1. Worker's Compensation Insurance covering all employees and providing benefits as required by Florida Statute, Chapter 440. The contractor/consultant further agrees to be responsible for its employees' employment, control, and conduct and any injury sustained by such employees during their employment.
2. Liability Insurance.
 - (a) Naming the City of Pompano Beach as an additional insured as the City's interests may appear, on General Liability Insurance only, relative to claims which arise from the proposer's negligent acts or omissions in connection with contractor/consultant's performance under this agreement/contract.
 - (b) Such Liability insurance shall include the following checked types of insurance and indicated minimum policy limits.

Type of Insurance**Limits of Liability**

GENERAL LIABILITY: Minimum \$1,000,000 Per Occurrence and
\$2,000,000 Per Aggregate

* Policy to be written on a claims incurred basis

XX comprehensive form	bodily injury and property damage
XX premises - operations	bodily injury and property damage
___ explosion & collapse hazard	
___ underground hazard	
XX products/completed operations hazard	bodily injury and property damage combined
XX contractual insurance	bodily injury and property damage combined
XX broad form property damage	bodily injury and property damage combined
XX independent contractors	personal injury
XX personal injury	
___ sexual abuse/molestation	Minimum \$1,000,000 Per Occurrence and Aggregate
___ liquor legal liability	Minimum \$1,000,000 Per Occurrence and Aggregate

AUTOMOBILE LIABILITY: Minimum \$1,000,000 Per Occurrence and Aggregate.
Bodily injury (each person) bodily injury (each accident),
Property damage, bodily injury and property damage combined.

XX comprehensive form XX owned
XX hired
XX non-owned

REAL & PERSONAL PROPERTY

___ comprehensive form Agent must show proof they have this coverage.

EXCESS LIABILITY Per Occurrence Aggregate

___ other than umbrella bodily injury and \$1,000,000 \$1,000,000
property damage combined

PROFESSIONAL LIABILITY Per Occurrence Aggregate

XX * Policy to be written on a claim made basis \$1,000,000 \$1,000,000

(c) If Professional Liability insurance is required, the Consultant agrees the indemnification and hold harmless provisions set forth in the agreement/contract shall survive the termination or expiration of the agreement/contract for a period of four (4) years unless terminated

sooner by the applicable statute of limitations.

CYBER LIABILITY

Per Occurrence Aggregate

___	* Policy to be written on a claims-made basis	\$1,000,000	\$1,000,000
___	Network Security / Privacy Liability		
___	Breach Response / Notification Sublimit (minimum limit of 50% of policy aggregate)		
___	Technology Products E&O - \$1,000,000 (only applicable for vendors supplying technology-related services and or products)		
___	Coverage shall be maintained in effect during the period of the agreement/contract and for not less than four (4) years after termination/ completion of the agreement/contract.		

3. Employer's Liability. If required by law, the Consultant and all sub- contractors/sub-consultant shall, for the benefit of their employees, provide, carry, maintain and pay for Employer's Liability Insurance in the minimum amount of One Hundred Thousand Dollars (\$100,000.00) per employee, Five Hundred Thousand Dollars (\$500,000) per aggregate.

4. Policies: Whenever, under the provisions of this agreement/contract, insurance is required of the Awarded Proposer, the Awarded Proposer shall promptly provide the following:

- (a) Certificates of Insurance evidencing the required coverage;
- (b) Names and addresses of companies providing coverage;
- (c) Effective and expiration dates of policies; and
- (d) A provision in all policies affording thirty (30) days written notice by a carrier of any cancellation or material change in any policy.

5. Insurance Cancellation or Modification. Should any required insurance policies be canceled before the expiration date or modified or substantially modified, the issuing company/firm shall provide thirty (30) days written notice to the City.

6. Waiver of Subrogation. The awarded company/firm waives any and all rights of subrogation against the City, its officers, employees, and agents for each required policy. When required by the insurer, or should a policy condition not permit an insured to enter into a pre-loss agreement/contract to waive subrogation without an endorsement. The awarded company/firm shall notify the insurer and request the policy be endorsed with a Waiver of Transfer of Rights of Recovery Against Others, or its equivalent. This Waiver of Subrogation requirement shall not apply to any policy that includes a condition to the policy not specifically prohibiting such an endorsement or voids coverage should the Awarded Proposer enter into such an agreement/contract on a pre-loss basis.

H. Selection/Evaluation Process

A Selection/Evaluation Committee (Committee) will be appointed to select the most qualified company(ies)/ firm(s). The Committee will present its findings to the City Commission. The City Manager will approve a selection evaluation committee to assist in evaluating the Statement of Qualifications(s) received and to select the most qualified firm(s). All Statement of Qualifications will be reviewed by the Evaluation Committee and Procurement and Contracts staff based on the information submitted by the Submitting Firm(s) in response to this RFQ. The Committee's findings will be presented to the City Commission. Based upon the evaluation, the Evaluation Committee will recommend up to eight (8) Submitting Firms to the City Commissioners for the award and execution of

an Agreement.

Proposals will be evaluated using the following criteria:

Line	Criteria	Points Range
1	Demonstrated expertise and experience in sustainability and resilience planning	0 - 40
2	Quality and relevance of previous project examples.	0 - 45
	a) Number of similar projects	
	b) Complexity of similar projects	
	c) References from past projects performed by the company/firm	
	d) Previous projects performed for the City (provide the description)	
	e) Litigation within the past five (5) years arising out of the company's/firm's performance (list, describe outcome)	
4	Local Business Program	0 - 15
Total		100

NOTE:

Financial statements required as submittals to prequalify for a solicitation will be exempt from public disclosure; however, financial statements submitted to prequalify for a solicitation and not required by the City may be subject to public disclosure.

The City Commission has the authority to (including, but not limited to) approve the recommendation, reject the recommendation, and direct staff to re-advertise this solicitation or, review the responses themselves and/or request oral presentations and determine a ranking order that may be the same or different from what was originally presented to the City Commission.

- Tie Breaker:

In case where there is a tie for the highest-ranked proposers, the recommendations shall be made by giving preference to the following items in this order:

- 1) Maintenance of a Drug-Free Workplace in accordance with the requirements of 287.087, F.S.
- 2) Local Business Program Participation
- 3) Coin Toss

- Technicalities:

Failure to respond, provide detailed information, or provide requested proposal elements may reduce points in the evaluation process. The Committee may recommend rejecting any statement of qualifications containing material deviations from the RFQ. The Committee may recommend waiving any irregularities and technicalities. If only one (1) responsive proposal is received, the Committee will proceed without scoring the one (1) responsive statement received and may recommend for Procurement and Contracts Department staff to negotiate the best terms and conditions with that sole firm or may recommend rejecting the proposal.

- Committee's Recommendations:

The Evaluation Committee may recommend rejecting the statement of qualifications received or awarding the contract.

A complete recording shall be made of each meeting (evaluation and negotiation session) conducted by the Committee by the Purchasing Agent. The Committee may choose to conduct one (1) or more exempt negotiation session(s) with as many ranked responsive firms, in its sole judgment, as it deems appropriate

before making its recommendation for award, starting with the highest-ranked firm first, then the second highest-ranked firm, and so on. The Committee also has the discretion to recommend negotiations with only a single responsive firm if the Committee chooses to do so. During any such negotiations, the City staff assigned to negotiate reserves the right to negotiate any term, condition, or specification during an exempt negotiation session with the highest-ranked responsive firm.

Per Section 286.0113(2), Florida Statutes, any negotiation session will be conducted to exclude the other ranked responsive firm and the public. The Committee will recess the open public portion of the evaluation meeting and conduct the exempt negotiation session of the competitive selection process, beginning with the highest-ranked responsive firm first, then the second highest-ranked firm, and so on until finished. The Committee also has the discretion to commence negotiations with only a single responsive firm if it chooses to do so. Each ranked responsive firm must be represented during its exempt negotiations session by an authorized representative possessing the authority to bind the firm to the changes made during the negotiation session and be prepared to provide its best and final offer. Any information communicated between the Committee and a ranked responsive firm during an exempt negotiation session shall not be disclosed to anyone during the open portion of the meeting, including other ranked responsive firms until disclosure is permitted under Section 286.0113(2), Florida Statutes.

After the exempt negotiation session(s) is/are completed, the Committee shall reconvene the open public portion of the evaluation meeting and determine, by motion and a roll call vote, whether to recommend the approval of up to eight (8) ranked responsive firms; to declare an impasse with a ranked responsive firm; or to proceed with further negotiations with one (1) or more of the next highest-ranked responsive firms. The Committee may declare an impasse with a ranked responsive firm at any time or proceed with further negotiations with one (1) or more of the next highest-ranked firm(s). Suppose negotiations are unsuccessful or have reached an impasse with a ranked firm; in that case, the Committee reserves the right not to recommend an award to a ranked firm if it is in the City's best interest and must be stated on the record. The final scores are only a ranking of statements received for negotiation (i.e., the highest-ranked firm will be the first to start the negotiations) and do not determine the actual award.

- **Determination of Award:**

The City Commission shall consider the Committee's recommendation to approve the selection of up to eight (8) firms for this RFQ and may approve such a recommendation. The City Commission may also, at its option, reject the Evaluation Committee's recommendation, or it may also reject all statements received, in which case the City may choose to re-advertise this project "as is" or by adopting a modified version.

This RFQ intends to approve a list of firms rather than awarding the contract to any specific firm. The City intends to engage up to 8 firms for professional services to advance sustainability and resilience initiatives. This approach allows us to leverage the expertise of multiple firms, ensuring a diverse range of perspectives and solutions. By collaborating with these selected firms, we aim to enhance our efforts in developing and implementing effective strategies that promote sustainability and resilience within our community.

I. Hold Harmless and Indemnification

Proposer covenants and agrees that it will indemnify hold harmless the City, its officials, employees, volunteers and other authorized agents from and against any and all claims, demands, suits, damages, attorneys' fees, fines, losses, penalties, defense costs or liabilities suffered by the City to the extent caused by any negligent act, omission, breach, recklessness or misconduct of Consultant and/or any of its agents, officers, or employees hereunder, including any inaccuracy in or breach of any of the representations, warranties or covenants made by the Consultant, its agents, officers and/or employees, in the performance of services of this agreement/contract. To the extent considered necessary by City, any sums due Consultant hereunder may be retained by City until all of City's claims for indemnification hereunder have been settled

or otherwise resolved, and any amount withheld shall not be subject to payment or interest by City.

J. Right to Audit

Awarded company's/firm's records which shall include but not be limited to accounting records, written policies and procedures, computer records, disks and software, videos, photographs, sub-contract/sub-consultants files (including proposals of successful and unsuccessful proposers), originals estimates, estimating worksheets, correspondence, change order files (including documentation covering negotiated settlements), and any other supporting evidence necessary to substantiate charges related to the agreement/contract (all the foregoing hereinafter referred to as "records") shall be open to inspection and subject to audit and/or reproduction, during regular working hours, by City's agent or its authorized representative to the extent necessary to adequately permit evaluation and verification of any invoices, payments or claims submitted by the Awarded Proposer or any of its payees pursuant to the execution of the agreement/contract. Such records subject to the examination shall also include but are not limited to, those necessary to evaluate and verify direct and indirect costs (including overhead allocations) as they may apply to costs associated with the agreement/contract.

For the purpose of such audits, inspections, examinations, and evaluations, the City's agent or authorized representative shall have access to said records from the effective date of the agreement/contract, for the duration of the service, and until five (5) years after the date of final payment by the City to awarded company/firm pursuant to the agreement/contract.

The City agent or its authorized representative shall have access to the awarded company's/firm's facilities, all necessary records, and adequate and appropriate workspace to conduct audits in compliance with this article. The City agent or authorized representative shall give auditees reasonable advance notice of intended audits.

The awarded company/firm shall require all sub-contractors/sub-consultants, insurance agents, and material suppliers (payees) to comply with this article's provisions by inserting the requirements in any written agreement/contract. Failure to obtain such written agreements/contracts that include such provisions shall be reason to exclude some or all of the related payees' costs from amounts payable to the contractor/consultant pursuant to the agreement/contract.

K. Retention of Records and Right to Access

The City is a public agency subject to Florida Statutes Chapter 119. The awarded company/firm shall comply with Florida's Public Records Law, as amended. Specifically, the awarded company/firm shall:

1. Keep and maintain public records required by the City to perform the service;
2. Upon request from the City's custodian of public records, provide the City with a copy of requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Florida Statutes Chapter 119, or as otherwise provided by law;
3. Ensure that public records that are exempt or that are confidential and exempt from public record requirements are not disclosed except as authorized by law;
4. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the agreement/contract term and following completion of the agreement/contract if the awarded company/firm does not transfer the records to the City; and
5. Upon completion of the agreement/contract, transfer all public records in possession of the awarded company/firm at no cost to the City, or keep and maintain public records required by the City to perform the service. If the awarded company/firm transfers all public records to the City upon completion of the agreement/contract, the awarded company/firm shall destroy any duplicate public

records that are exempt or confidential and exempt from public records disclosure requirements. If the awarded company/firm keeps and maintains public records upon completion of the agreement/contract, the awarded company/firm shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City upon request from the City's custodian of public records in a format compatible with the City's information technology systems.

L. Communications

No negotiations, decisions, or actions shall be initiated or executed by the company/firm as a result of any discussions with any City employee. Only those communications in writing from the City may be considered duly authorized expressions on behalf of the City. In addition, only communications that are in writing from an authorized representative of the company/firm will be recognized by the City as duly authorized expressions on behalf of the respective company/firm.

M. No Discrimination

No discrimination shall be made on the basis of race, sex, color, age, religion, or national origin in the operations conducted under any agreement/contract with the City.

N. Independent Contractor

The awarded company/firm will conduct business as an independent contractor/consultant under the terms of the agreement/contract. Personnel services provided by the awarded company/firm shall be by employees of the awarded company/firm and subject to supervision by the awarded company/firm, and not as City officers, employees, or agents. Personnel policies, tax responsibilities, social security and health insurance, employee benefits, purchasing policies, and other similar administrative procedures applicable to services rendered under the agreement/contract shall be those of the awarded company/firm.

O. Staff Assignment

The City of Pompano Beach reserves the right to approve or reject, for any reason, Proposer's staff assigned to this project at any time. Background checks may be required.

P. Agreement/Contract Terms

The agreement/contract resulting from this solicitation shall include, but not be limited to, the following terms:

- The agreement/contract shall include, at minimum, the entirety of this solicitation and the awarded proposal. The City of Pompano Beach City Attorney shall prepare it.
- If the City defends any claim, demand, cause of action, or lawsuit arising out of any act, action, negligent acts or negligent omissions, or willful misconduct of the contractor/consultant, its employees, agents, or servants during the performance of the agreement/contract, whether directly or indirectly, awarded company/firm agrees to reimburse the City for all expenses, attorney's fees, and court costs incurred in defending such claim, cause of action or lawsuit.

Q. Waiver

It is agreed that no waiver or modification of the agreement/contract resulting from this solicitation or of any covenant, condition, or limitation contained in it shall be valid unless it is in writing and duly executed by the party to be charged with it. No evidence of any waiver or modification shall be offered or received in evidence in any proceeding, arbitration, or litigation between the parties arising out of or affecting the agreement/contract or the right or obligations of any party under it unless such waiver or modification is in writing, duly executed as previously provided. The parties agree that the provisions of this paragraph may not be waived except by duly executed writing.

R. Survivorship Rights

The agreement/contract resulting from this solicitation shall be binding on and inure to the benefit of the respective parties and their executors, administrators, heirs, personal representatives, successors, and assigns.

S. Manner of Performance

Proposer agrees to perform its duties and obligations under the agreement/contract resulting from this solicitation professionally and in accordance with all applicable local, federal, and state laws, rules, and regulations.

Proposer agrees that the services provided under the agreement/contract resulting from this solicitation shall be provided by educated, trained, experienced, certified, and licensed employees in all areas encompassed within its designated duties. Proposer agrees to furnish the City of Pompano Beach with all documentation, certification, authorization, license, permit, or registration currently required by applicable laws, rules, and regulations. Proposer further certifies that it and its employees are now in and will maintain good standing with such governmental agencies and that it and its employees will keep all licenses, permits, registration, authorization or certification required by applicable laws or regulations in full force and effect during the term of the agreement/contract. Failure of Proposer to comply with this paragraph shall constitute a material breach of agreement/contract.

T. Acceptance Period

Proposals submitted in response to this solicitation must be valid for no less than one hundred and twenty (120) days from the closing date.

U. Conditions and Provisions

The completed proposal (together with all required attachments) must be submitted electronically to the City on or before the time and date as written herein. By electronically submitting a proposal, all proposers shall agree to comply with all of this solicitation's conditions, requirements, and instructions as written or implied herein. All proposals and supporting materials submitted will become the property of the City.

Proposer's response shall not contain any alteration to the document posted other than entering data in the spaces provided or including attachments as necessary. By submission of a response, Proposer affirms that a complete set of solicitation documents was obtained from the eBid System only, and no alteration of any kind has been made to this solicitation. Exceptions or deviations to this proposal may not be added after the due date.

All proposers are required to provide all information requested in this solicitation. Failure to do so may result in disqualification of the proposal.

The City reserves the right to postpone or cancel this solicitation or reject all proposals if, in its sole discretion, it deems it to be in the City's best interest to do so.

The City reserves the right to waive any technical or formal errors or omissions and to reject all proposals or to award agreement/contract for the items herein, in part or whole, if it is determined to be in the City's best interests to do so.

The City shall not be liable for any costs incurred by the Proposer in preparing proposals or for any work performed therein.

V. Standard Provisions

1. Governing Law

Any agreement/contract resulting from this solicitation shall be governed by the laws of the State of Florida, and the venue for any legal action relating to such agreement/contract will be in Broward County, Florida.

2. Licenses

In order to perform public work, the awarded company/firm shall be licensed to do business in Florida, if an entity, and hold or obtain such Contractor and Business Licenses if required by State Statutes or local ordinances.

3. Conflict of Interest

To determine any possible conflict of interest, each Proposer must disclose if any Elected Official, Appointed Official, or City Employee is also an owner, corporate officer, or an employee of the company/firm. If any Elected Official, Appointed Official, or City Employee is an owner, corporate officer, or an employee, the Proposer must file a statement with the Broward County Supervisor of Elections pursuant to Florida Statute, Section 112.313.

4. Drug-Free Workplace

The awarded company(ies)/firm(s) will be required to verify it will operate a “Drug-Free Workplace” as outlined in Florida Statute, Section 287.087.

5. Public Entity Crimes

A person or affiliate who has been placed on the convicted vendor list following a conviction for public entity crime may not submit a proposal on an agreement/contract to provide any goods or services to a public entity, may not submit a proposal on an agreement/contract with a public entity for the construction or repair of a public building or public work, may not submit proposals on leases of real property to public entity, may not be awarded or perform work as a contractor, supplier, sub-contractor, consultant or sub-consultant under agreement/contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Florida Statute, Section 287.017, for Category Two for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

6. Patent Fees, Royalties, And Licenses

Suppose the awarded company/firm requires or desires to use any design, trademark, device, material or process covered by letters of patent or copyright. In that case, the awarded company/firm and his surety shall indemnify and hold harmless the City from any and all claims for infringement because of the use of any such patented design, device, trademark, copyright, material, or process in connection with the work agreed to be performed and shall indemnify the City from any cost, expense, royalty or damage which the City may be obligated to pay because of any infringement at any time during or after completion of the work.

7. Permits

The Awarded Proposer shall be responsible for obtaining all permits, licenses, certifications, etc., required by federal, state, county, and municipal laws, regulations, codes, and ordinances to perform the work required in these specifications and to conform to the requirements of said legislation.

8. Familiarity with Laws

It is assumed the selected company(ies)/firm(s) will be familiar with all federal, state, and local laws, ordinances, rules, and regulations that may affect its/their services pursuant to this solicitation. Ignorance on the part of the company/firm will not relieve the company/firm from responsibility.

9. Withdrawal of Proposals

A company/firm may withdraw its proposal without prejudice no later than the advertised deadline for submission of proposals by written communication to the Procurement and Contracts, 1190 N.E. 3rd Avenue, Building C, Pompano Beach, Florida 33060.

10. Composition of Project Team

Company(ies)/Firm(s) are required to commit that the principals and personnel named in the proposal will perform the services throughout the contractual term unless otherwise provided for by way of a negotiated agreement/contract or written amendment to same executed by both parties. No diversion or substitution of principals or personnel will be allowed unless a written request that sets forth the qualifications and experience of the proposed replacement(s) is submitted to and approved by the City in writing.

11. Invoicing/Payment

All invoices should be sent to the City of Pompano Beach, Accounts Payable, P.O. Drawer 1300, Pompano Beach, Florida 33061. In accordance with Florida Statutes, Chapter 218, payment will be made within forty-five (45) days after receipt of a proper invoice.

12. Public Records

- a. The City of Pompano Beach is a public agency subject to Florida Statutes, Section 119. The awarded company/firm shall comply with Florida's Public Records Law, as amended. Specifically, the Awarded Proposer shall:
 - i. Keep and maintain public records required by the City in order to perform the service;
 - ii. Upon request from the City's custodian of public records, provide the City with a copy of requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Florida Statutes, Section 119 or as otherwise provided by law;
 - iii. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the agreement/contract term and following completion of the agreement/contract if the awarded company/firm does not transfer the records to the City; and
 - iv. Upon completion of the agreement/contract, transfer all public records in possession of the awarded company/firm at no cost to the City, or keep and maintain public records required by the City to perform the service. If the awarded company/firm transfers all public records to the City upon completion of the agreement/contract, the awarded company/firm shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the awarded company/firm keeps and maintains public records upon completion of the agreement/contract, the contractor/consultant shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records in a format compatible with the City's information technology systems.
- b. Failure of the contractor/consultant to provide the above-described public records to the City within a reasonable time may subject the contractor/consultant to penalties under Florida Statute Section 119.10, as amended.

PUBLIC RECORDS CUSTODIAN

IF THE CONTRACTOR/CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S/CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT/CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

CITY CLERK

100 W. Atlantic Blvd., Suite 253 Pompano Beach, Florida 33060 (954) 786-4611

RecordsCustodian@copbfl.com

W. Questions, Communication, and Addendums

All questions regarding this solicitation will be submitted using the Questions feature in the eBid System. Questions must be received at least seven (7) calendar days before the due date and time specified herein. Oral and other interpretations or clarifications will be without legal effect. Addendum/Addenda will be posted to this solicitation in the eBid System, and it is the proposer's responsibility to obtain all addenda before submitting a response to this solicitation.

Issuing a written addendum or posting an answer in response to a question submitted using the Questions feature in the eBid System are the only official methods for interpretation, clarification, or additional information. If any addendum is issued to this solicitation, the addendum will be issued via the eBid System. Before submitting its response, each proposer shall be responsible for contacting the City's Procurement and Contracts Department at (954) 786-4098 to determine if an addendum was issued and to make such an addendum a part of its proposal. Each addendum will be posted to the solicitation in the eBid System.

X. Contractor Performance Report

The City will utilize the Contractor Performance Report to monitor and record the awarded company's/firm's performance for the work specified by the agreement/contract. The Contractor Performance Report has been included as an exhibit in this solicitation.

Y. Protest Procedures

The Protest Procedures established within the Procurement and Contracts Procedures Manual and Section 120.57, Florida Statutes must be followed to file a valid Protest to this solicitation. To be considered, protests concerning the proposed solicitation award must be filed in writing with the Procurement and Contracts Director. They may only be filed by bidders or proposers whom the solicitation or award may aggrieve. The initial protest must be addressed to the following:

Director of Procurement and Contracts,

City of Pompano Beach

1190 N.E. 3rd Avenue, Building C, Pompano Beach, Florida 33060

Z. Attachments and Attributes

Attachments

1. **Project Team**
2. **T1_T2_Form** - To comply with the City's Local Business Program as a Tier-1 or Tier-2 vendor, you must complete this form and upload it to the Response Attachments tab.
3. **Proposer Information Form** - Proposer Information Form is to be included in your proposal that must be uploaded to the Response Attachments Tab.
4. **Vendor Certif. Scrutinized Companies** - Must be uploaded to the Response Attachment Tab
5. **Bid Bond Form** - Each bid requires a certified check or bid bond executed on the prescribed form, payable to the City of Pompano Beach, Florida, in an amount not less than 5 percent (5%) of the amount bid. Bidder shall upload a copy of their bid bond or a copy of the certified check to the Response Attachments tab in the eBid System. The awarded bidder will be required to submit the original executed bid bond or cashier's check prior to the execution of the contract and before the commencement of any work.
6. **SAMPLE SERVICE AGREEMENT** - Sample purposes only. The City reserves the right to add, delete or modify any and all terms and conditions of this sample agreement.

Attributes

1. Local Business
2. Drug-Free Workplace
3. Conflict of Interest
4. Terms & Conditions
5. Acknowledgement of Addenda
6. Local Business Participation Percentage

RFQ #: RFQ25-037 Tentative City Commission Meeting Date*: TBD

RFQ Title: Professional Services for Sustainability Projects # Notified: 1275 # Downloaded: 27

of Responses Rec'd: 11 # of "No Bids": 1

For: Planning Department RFQ Opening Date: 05/29/2025
(Department)

POSTING OF RFQ RECOMMENDATION/TABULATION: RFQ Recommendations and Tabulations will be posted in the eBid System, IonWave, and will remain posted for 72 hours. Any person who may be adversely affected by the decision or intended decision shall file a notice of protest in writing within 72 hours of posting the notice of the decision or intended decision. The formal written protest shall be filed within ten (10) days after the date the notice of protest is filed. Failure to file a notice of protest or a formal written protest shall constitute a waiver of proceedings under this chapter. Section 120.57(3)(b), Florida Statutes, states that "The formal written protest shall state with particularity the facts and law upon which the protest is based." Saturdays, Sundays, state holidays, and days when the City is closed shall be excluded from the computation of the 72-hour time period provided. Filings shall be at the office of the Director of Procurement and Contracts, 1010 NE 3rd Avenue, Pompano Beach, FL 33060. Any person who files an action protesting an intended decision shall post with the City, at the time of filing the formal written protest, a protest bond, payable to the City of Pompano Beach, Florida, in an amount equal to one percent (1%) of the estimated value of the contract. Failure to submit the protest bond within the time allowed for filing a bond shall constitute a waiver of the right to protest. Failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes, or failure to post the protest bond or other security required by law within the time allowed for filing a bond shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.

(*) The Cone of Silence, as stated in the RFQ, is in effect until the City Commission approves it. The City Commission meeting date stated above is tentative. Confirm with the Purchasing Agent of record for the actual date the Cone of Silence has concluded.

RECOMMENDATION TABULATION

The City of Pompano Beach, Florida, received eleven (11) proposals for RFQ25-037 Professional Services for Sustainability Projects. IBM and NEBAH Enterprises LLC failed to submit documentation detailed in Section F - Required Proposal Submittal and were deemed non-responsive.

Proposal	Score	Ranking
Keith and Associates, Inc.	296.00	Highest Ranked
Chen Moore and Associates.	267.00	2nd Highest Ranked
Kimley-Horn and Associates, Inc.	257.00	3rd Highest Ranked
Arcadis US, Inc.	244.00	4th Highest Ranked
AECOM (AECOM Technical Services, Inc.)	232.00	5th Highest Ranked
Aptim Environmental & Infrastructure, LLC	231.00	6th Highest Ranked
RS&H, Inc	218.00	7th Highest Ranked
EXP U.S. Services	202.00	8th Highest Ranked
WM Sustainability Services (Waste Management National Services, Inc.)	100.00	9th Highest Ranked
IBM	Non-responsive	Non-responsive
NEBAH Enterprises LLC	Non-responsive	Non-responsive

The Evaluation Committee has passed a formal motion recommending an award to a pool consisting of the eight highest-ranked firms. Upon thorough review of all proposals received in response to the RFQ, the Committee confirmed that each of the top eight firms meets all the requirements outlined in the solicitation. As such, all eight are deemed fully responsive and responsible, and are each recommended for contract award.

By:

Jeffrey English

(Purchasing Agent)

Date:

07/07/2025



RFQ25-037 Addendum 4
AECOM
AECOM Technical Services, Inc.
Supplier Response

Event Information

Number: RFQ25-037 Addendum 4
Title: Professional Services for Sustainability Projects
Type: Request for Qualifications
Issue Date: 4/17/2025
Deadline: 5/29/2025 02:00 PM (ET)
Notes: The City of Pompano Beach seeks to engage qualified professional services to advance sustainability and resilience initiatives. This RFQ aims to select firm(s) with proven expertise in engineering, urban planning, vulnerability assessment, adaptation planning, biodiversity enhancement, natural resource conservation, green stormwater infrastructure, urban forestry planning, and sustainability policy integration.

This RFQ intends to approve a list of firms rather than awarding the contract to any specific firm. The City plans to engage up to 8 firms for professional services to advance sustainability and resilience initiatives. This approach allows us to leverage the expertise of multiple firms, ensuring a diverse range of perspectives and solutions. By collaborating with these selected firms, we aim to enhance our efforts in developing and implementing effective strategies that promote sustainability and resilience within our community. The selected firms shall demonstrate specific experience and capabilities and must have qualified personnel and expertise in the specified

disciplines.

This RFQ is subject to the “Cone of Silence,” which imposes certain restrictions on communications concerning the RFQ process. The Cone of Silence shall take effect once this solicitation is released to the General Public. Respondents to this solicitation or persons acting on their behalf may not contact, between the release of the solicitation and the end of the 72 hours following the agency posting the notice of intended award, excluding Saturdays, Sundays, and state holidays, any employee or officer of the executive or legislative branch concerning any aspect of this solicitation, except in writing to the procurement officer or as provided in the solicitation documents. Violation of this provision may be grounds for rejecting a response.” (F.S 287.057 (25)).

Any proposer or lobbyist for a proposer is prohibited from having any communications concerning any solicitation for a competitive procurement with any member of the City Commission, City Clerk, City Manager’s Office, any Evaluation Committee Member, or any other City of Pompano Beach employee after Procurement and Contracts releases a solicitation to the General Public. All communications must go through the Procurement and Contracts Department staff. No other member of the City Commission, City Clerk, City Manager’s Office, any Evaluation Committee Member, or any other City of Pompano Beach employee should be contacted concerning this RFQ. Any information that amends any portion of this RFQ received by any method other than an Addendum issued to the RFQ is not binding on the City of Pompano Beach.

Proposals must be submitted electronically through the eBid System (IonWave) on or before the due date and time as provided herein. Any proposal received after the due date and time specified will not be considered. Any uncertainty regarding the time a proposal is accepted will be resolved against the proposer.

Proposers must be registered on the City’s eBid System in order to view the solicitation documents and respond to this Solicitation. The complete solicitation document can be downloaded from the eBid System as a PDF at <https://www.pompanobeachfl.ionwave.net>. The City is not responsible for the accuracy or completeness of any documentation the proposer receives from any source other than the eBid System. The proposer is solely responsible for downloading all required documents. A list of proposers will be read aloud in a public forum. To attend the virtual public meeting, go to <https://www.pompanobeachfl.gov/pages/meetings> to find the Zoom link.

Contact Information

Contact: Eric Seifer

Address: Procurement and Contracts
1190 NE 3 Avenue
Building C
Pompano Beach, FL 33060
Email: eric.seifer@copbfl.com

AECOM Information

Address: 7650 Corporate Center Drive, Suite 400
Miami, FL 33126-1220
Phone: (305) 884-8900 x42462
Fax: (305) 884-2665
Web Address: AECOM.com

By submitting this Response I affirm I have received, read and agree to the all terms and conditions as set forth herein. I hereby recognize and agree that upon execution by an authorized officer of the City of Pompano Beach, this Response, together with all documents prepared by or on behalf of the City of Pompano Beach for this solicitation, and the resulting Contract shall become a binding agreement between the parties for the products and services to be provided in accordance with the terms and conditions set forth herein. I further affirm that all information and documentation contained within this response to be true and correct, and that I have the legal authority to submit this response on behalf of the named Supplier (Offeror).

Ann M. Rhodes

Signature

ann.rhodes@aecom.com

Email

Submitted at 5/27/2025 02:50:22 PM (ET)

Supplier Note

AECOM is pleased to submit our response for Professional Services for Sustainability Projects | RFQ25-037. We have also uploaded the required attachments under the Attachments Tab, and answering the questions under the Attributes Tab. Ann Rhodes Senior Marketing Manager

Requested Attachments

Proposal

AECOM_Pompano Professional
Services Sustainability Svcs
Projects_RFQ25-037.pdf

Proposals shall be submitted electronically through the eBid System (Response Attachments Tab). Proposer shall upload the response as one (1) file to the eBid System. The file size for uploads is limited to 250 MB. If the file size exceeds 10 MB, the response must be split and uploaded as two (2) separate files.

Proposer Information Form

2 AECOM_Proposer Information
Page Form-RFQ.pdf

Proposer Information Form is to be included in your proposal that must be uploaded to the Response Attachments Tab.

Project Team

3 AECOM_Project Team Form.pdf

T1 - T2 Form

4 AECOM_T1_T2_Form 12-
2021.pdf

To comply with the City's Local Business Program as a Tier-1 or Tier-2 vendor, you must complete this form and upload it.

Vendor Certif. Scrutinized Companies form.

5 AECOM_Vendor Certified
Scrutinized Companies.pdf

Financial Statements

7 AECOM_Confidential Financial
Statements.pdf

To permit the City to comply with Section 119.071 of Florida Statutes, exempting financial statements from public records, please do not include confidential financial statements in your proposal. Label financial statements "CONFIDENTIAL" and attach them here.

Bid Attributes

1 Local Business

Is your company a Local Business located within the City of Pompano Beach City Limits as required by the Local Business Program? (A copy of your current City of Pompano Beach Business Tax Receipt may be requested.)

2 Drug-Free Workplace

STATEMENT UNDER SECTION 287.087, FLORIDA STATUTES ON DRUG-FREE WORKPLACE
**REQUESTED INFORMATION BELOW IS ON THE ATTRIBUTES TAB FOR THE RFP IN THE EBID SYSTEM.
PROVIDE THIS INFORMATION ELECTRONICALLY.**

Preference must be given to Contractors submitting certification with their bid or proposal, certifying they have a drug-free workplace in accordance with Section 287.087, Florida Statutes. This requirement affects all public entities of the State and becomes effective January 1, 1991.

Preference shall be given to businesses with drug-free workplace programs. Whenever two or more bids which are equal with respect to price, quality and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

- (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 bid, 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 bid, 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 an 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 this statement, I certify that his company/firm complies with the above requirements.

By choosing YES, I hereby certify that the company/firm complies with all the above requirements

3 Conflict of Interest

For purposes of determining any possible conflict of interest, all bidders must disclose if any City of Pompano Beach employee is also an owner, corporate officer, or employee of their business. Indicate either "Yes" (a City employee is also associated with your business), or "No". (Note: If answer is "Yes", you must file a statement with the Supervisor of Elections, pursuant to Florida Statutes 112.313.) Indicate Yes or No below with the drop down menu.

4 Terms & Conditions

Check the box indicating you agree to the terms and conditions of this solicitation.

☒ Agree

5 Acknowledgement of Addenda

Check this box to acknowledge that you have reviewed all addenda issued for this solicitation.

☒ Yes

6 Local Business Participation Percentage

If you have indicated local business participation on the Local Business Participation Form Exhibit A enter the percentage of the contract that will be performed by local Pompano Beach businesses.

REQUESTED INFORMATION BELOW IS ON THE ATTRIBUTES TAB IN THE EBID SYSTEM. PROVIDE THIS INFORMATION ELECTRONICALLY.

VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES LISTS

Respondent Vendor Name: AECOM Technical Services, Inc.

Vendor FEIN: 95-266-1922

Section 287.135, Florida Statutes, prohibits agencies from contracting with companies, for goods or services over \$1,000,000, that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List. Further, Section 215.4725, Florida Statutes, prohibits agencies from contracting (at any dollar amount) with companies on the Scrutinized Companies that Boycott Israel List, or with companies that are engaged in a boycott of Israel. As the person authorized to sign electronically on behalf of Respondent, I hereby certify by selecting the box below that the company responding to this solicitation is not listed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List. I also certify that the company responding to this solicitation is not participating in a boycott of Israel, and is not engaged in business operations in Syria or Cuba. I understand that pursuant to sections 287.135 and 215.4725, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs.

I Certify



VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES LISTS

Respondent Vendor Name: _____

Vendor FEIN: _____

Section 215.4725, Florida Statutes, prohibits agencies from contracting (at any dollar amount) with companies on the Scrutinized Companies that Boycott Israel List, or with companies that are engaged in a boycott of Israel. As the person authorized to sign electronically on behalf of Respondent, I hereby certify by selecting the box below that the company responding to this solicitation is not listed on the Scrutinized Companies that Boycott Israel List. I also certify that the company responding to this solicitation is not participating in a boycott of Israel, and is not engaged in business operations in Syria or Cuba. I understand that pursuant to sections 287.135 and 215.4725, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs.

I Certify



TIER 1/TIER 2 COMPLIANCE FORM

IN ORDER FOR YOUR FIRM TO COMPLY WITH THE CITY'S LOCAL BUSINESS PROGRAM AS A TIER 1 OR TIER 2 VENDOR, BIDDERS MUST COMPLETE THE INFORMATION BELOW AND UPLOAD THE FORM TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

TIER 1 LOCAL VENDOR

_____ My firm has maintained a permanent place of business within the city limits and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 10 % of the contract value.

and/or

_____ My firm has maintained a permanent place of business within the city limits and maintains a staffing level, within this local office, of at least 10 % who are residents of the City of Pompano Beach.

or

_____ My firm does not qualify as a Tier 1 Vendor.

TIER 2 LOCAL VENDOR *

X_____ My firm has maintained a permanent place of business within Broward County and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 20% of the contract value.*

and/or

_____ My firm has maintained a permanent place of business within Broward County and maintains a staffing level, within this local office, of at least 15% who are residents of the City of Pompano Beach

or

_____ My firm does not qualify as a Tier 2 Vendor.

I certify that the above information is true to the best of my knowledge.

May 29, 2025

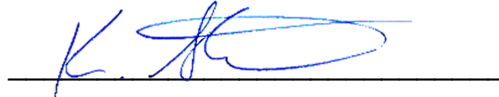
Date

AECOM Technical Services, Inc.

Name of Prime Company/Firm

Keith Stannard, Authorized Signatory

Bidder/Proposer (Print Name)



Bidder/Proposer (Signature)

*1Print LLC has a facility (1385 Hammondville Rd Pompano Beach, FL 33064) with the City of Pompano Beach, we anticipate they will qualify as a local vendor by the time of contract. At this time, we can only certify that 20% of work contract to the AECOM team will be given to Keith and Associates, Inc.



**CITY OF POMPANO BEACH
BUSINESS TAX RECEIPT
FISCAL YEAR: 2024 - 2025**

Business Tax Receipt Valid from: October 1, 2024 through September 30, 2025

4441589

9/11/2024

KEITH AND ASSOCIATES INC
301 E ATLANTIC BL

POMPANO BEACH FL 33060

THIS IS NOT A BILL

THIS IS YOUR BUSINESS TAX RECEIPT. PLEASE POST IN A CONSPICUOUS PLACE AT THE BUSINESS LOCATION.

BUSINESS OWNER: KEITH AND ASSOCIATES INC
BUSINESS LOCATION: 301 E ATLANTIC BL POMPANO BEACH FL

RECEIPT NO: 25-00065569
CLASSIFICATION PROFESSIONAL OFFICE (SEE REQUIREMENTS)

NOTICE: A NEW APPLICATION MUST BE FILED IF THE BUSINESS NAME, OWNERSHIP OR ADDRESS IS CHANGED. THE ISSUANCE OF A BUSINESS TAX RECEIPT SHALL NOT BE DEEMED A WAIVER OF ANY PROVISION OF THE CITY CODE NOR SHALL THE ISSUANCE OF A BUSINESS TAX RECEIPT BE CONSTRUED TO BE A JUDGEMENT OF THE CITY AS TO THE COMPETENCE OF THE APPLICANT TO TRANSACT BUSINESS. **THIS DOCUMENT CANNOT BE ALTERED.**

BUSINESS TAX RECEIPTS EXPIRE SEPTEMBER 30TH OF EACH YEAR

PROJECT TEAM

COMPLETE THE PROJECT TEAM FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE THE FORM IN ITS ENTIRETY AND INCLUDE THE FORM IN THEIR PROPOSAL, WHICH MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

RFQ # 25-037 Name: AECOM Technical Services, Inc.

Federal I.D.# 95-266-1922

PRIME

Role	Name of Individual Assigned to Project	Number of Years' Experience	Education, Degrees
Principal-In-Charge	Keith Stannard	26	BS, Biology
Project Manager	Lauren Swan	19	MBA, Landscape Architecture BA, Urban Planning
Asst. Project Manager	Laura Cherney	25	MBA, Business Administration BSc, Environmental Science
Other Key Member – Advisor	Christine Angelini	16	PhD, Biology BS, Marine Biology
Other Key Member – Adaptation Plan Development Lead	Erica Harris	12	MS, Oceanography BS, GIS & Spatial Analysis
Other Key Member – Implementation Planning Lead	Claire Still	13	MPH, Public Health BS, Geology
Other Key Member – CRS Watershed Management Plan Lead	Shelly Brooks	21	BS, Civil Engineering
Other Key Member – Water Audits Lead	Tonya Simmons	32	MS, Civil Engineering BS, Civil Engineering
Other Key Member – Energy Audits Lead	Angel Flores	18	BS, Mechanical Engineering
Other Key Member – GHG Inventory Update Lead	Laura Cloninger	14	BS, Environmental Technology and Management

SUB-CONSULTANT

Role	Company/Firm Name and Address Office Handling the Project	Name of Individual Assigned to the Project
Other Key Member - Urban Forestry Plan Lead	KEITH / 301 East Atlantic Boulevard, Pompano Beach, Florida 33060	Kelly Schueler
Other Key Member - CRS Watershed Management Plan Support	KEITH / 301 East Atlantic Boulevard, Pompano Beach, Florida 33060	Omar Rodriguez
Other Key Member - Adaptation Plan Support	1Print / 1385 Hammonville Road, Pompano Beach, Florida 33064	Adam Friedman
Other Key Member - Implementation Planning Support	1Print / 1385 Hammonville Road, Pompano Beach, Florida 3306	Fredrik Wannius

COMPLETE THE PROPOSER INFORMATION FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RFQ IN THE EBID SYSTEM.

PROPOSER INFORMATION PAGE

RFQ 25-037, RFQ25-037 Professional Services for Sustainability Services
(number) (RFQ name)

To: The City of Pompano Beach, Florida

The below named company hereby agrees to furnish the proposed services under the terms stated subject to all instructions, terms, conditions, specifications, addenda, legal advertisement, and conditions contained in the RFQ. I have read the RFQ and all attachments, including the specifications, and fully understand what is required. By submitting this proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this proposal.

Proposal submitted by:

Name (printed) Keith Stannard Title Authorized Signatory

Company (Legal Registered) AECOM Technical Services, Inc.

Federal Tax Identification Number 95-266-1922

Address 110 East Broward Boulevard #700

City/State/Zip Ft. Lauderdale, FL 33301

Telephone No. 954.474.3184 Fax No. Not Applicable

Email Address keith.stannard@aecom.com

Request for Qualifications
City of Pompano Beach
**Professional Services
for Sustainability
Projects**

RFQ25-037

May 29, 2025



1

Title Page

City of Pompano Beach Request for Qualifications Professional Services for Sustainability Projects | RFQ25-037

AECOM Technical Services, Inc.
110 East Broward Boulevard #700
Fort Lauderdale, FL 33301
954.474.3184

Keith Stannard | Authorized Signatory

May 29, 2025



An aerial photograph of a coastal city, likely Miami Beach, showing a long pier extending into the ocean, a sandy beach, and several high-rise apartment buildings. A large green circle is overlaid on the image, containing the number 2 and the text 'Table of Contents'.

2

Table of Contents

Table of Contents

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2 Table of Contents 2

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CRS Watershed Management Plan 9

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Energy Audits at Selected City Facilities 10

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The background image shows a rooftop deck with a wooden floor made of planks with circular holes. Several ducks are on the deck; one is in the foreground, and others are further back. In the background, there are several tall apartment buildings under a clear sky. A semi-transparent green circle is overlaid on the image, containing the number 3 and the text 'Letter of Transmittal'.

3

Letter of
Transmittal

Mr. Eric Seifer
Procurement and Contracts Department
City of Pompano Beach

May 29, 2025

Uploaded via Ionwave

Subject: Professional Sustainability Master Services Agreement | RFQ #25-037 Services for Sustainability Projects

Dear Mr. Seifer:

AECOM Technical Services, Inc. (AECOM) is delighted for the opportunity to continue our partnership with the City of Pompano Beach (City). We propose to provide sustainability services in response to Request for Qualifications (RFQ) #25-037 Services for Sustainability Projects. Our response to your solicitation is centered on the following reasons that AECOM is uniquely qualified to meet the City's sustainability needs.

LOCAL KNOWLEDGE AND LEADERSHIP. AECOM has more than 200+ staff in Florida, with offices and significant project delivery experience in Palm Beach, Broward, and Miami-Dade Counties. Our partner Keith & Associates, Inc. (KEITH) is headquartered in Pompano Beach with more than 300 projects with the City, and specialty firm 1Print, LLC (1Print) has their facility in Broward County. This team will apply our local experience and industry-leading expertise to align schedules, work plans, and recommendations across technical areas and scopes of work (SOWs), with proven practices in quality, schedule, and cost management considered necessary for successful execution.

UNIQUE APPROACH. We provide a proactive, adaptive and efficient approach for assessing construction, major capital expenditure investments, and long-term maintenance and improvement of assets through cutting-edge technologies, regular reviews, and the incorporation of climate factors into sustainable asset management plans.

EXPERIENCED AND SPECIALIZED TEAM. Our team of specialists bring decades of experience delivering work in the key areas identified in the RFQ—from strategy to planning to execution—in the areas of adaptation, urban forestry, watershed management, energy auditing and project management. To aid in delivery, our team can additionally provide the City with digital solutions and assistance with grants. Our team's comprehensive range of technical expertise positions us to remain agile and adaptable to the City's evolving needs and to execute multiple SOWs concurrently.

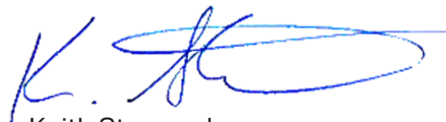
As you review our proposal, we hope you take notice of these principles and qualities which uniquely define AECOM and our project team. We are an energized and experienced network of professionals who are ready to collaborate with you to elevate the sustainability of your City. We are ready to support the continued growth and success of your program and staff over the coming years. Please do not hesitate to reach out to us directly, using our contact information in the text box to the right.

Sincerely,

AECOM Technical Services, Inc.



Lauren Swan
Project Manager | Main Point-of-Contact



Keith Stannard
Authorized Signatory

AECOM Main Point-of-Contact

Lauren Swan
lauren.swan@aecom.com
772.341.9607

AECOM Authorized Signatory

Keith Stannard
keith.stannard@aecom.com
305.495.2788

AECOM Technical Services, Inc., representative, Keith Stannard located in 110 East Broward Boulevard #700, Fort Lauderdale, FL 33301; has the authority to legally enter into a contract with the City.



4

**Technical Approach/
Relevant Projects**

The AECOM team recognizes that the City of Pompano Beach is advancing its sustainability and resilience initiatives through a multifaceted approach that integrates environmental stewardship, community engagement, and innovative infrastructure. With deep expertise and a proven track record in adaptation planning, sustainability, resilience, engineering, and urban planning, our team is eager to support the City in the delivery of integrated solutions to complex environmental and urban challenges. We've teamed with KEITH and specialty firm 1Print to provide the City with local and innovative sustainability solutions.

AECOM has eight Florida offices, our the primary office for this contract will be our Fort Lauderdale office with 82 professional staff and 5 administrative staff, with an overall total of 184 staff in the tri-county area.

AECOM

KEITH's headquarters in the City of Pompano Beach offers the City local and institutional knowledge in various in-house services including geospatial services [surveying, mapping, and subsurface utility engineering (SUE)], planning, civil engineering, transportation engineering, landscape architecture, and program construction management.

KEITH

1Print's focus is to "build with nature." The company offers the City innovative solutions to enhance biodiversity within its nature-based infrastructure for coastal protection, such as hybrid reefs and seawalls, that create habitat opportunities for marine life. Unlike traditional fixed-cast mold-based infrastructure, the hybrid approach is based on SEAHIVE® technology—a pioneering technology that allows for hexagonal-shaped, hollow structures designed to reduce wave energy, create marine habitats, and enhance coastal resilience.

1Print

Together our team specializes in conducting rigorous, community-informed vulnerability assessments, advancing biodiversity through ecologically sustainable restoration design, and

conserving natural resources through targeted, strategic management practices. Our capabilities extend to the design and implementation of green stormwater infrastructure, delivering measurable benefits in water quality, flood mitigation, and public amenity enhancement. We bring strong competencies in urban forestry planning and holistic watershed management, creating cross-disciplinary alignment and long-term sustainability.

Our approach to water and energy audit services is integral to asset management planning and deferred maintenance programs. Infrastructure owners are facing an urgent need to adapt to changing environments. From sustainability, resilience, and compliance with regulatory targets, to profitability and reputation, the challenges are pressing. AECOM helps owners use audits and asset management to make the recommended investment decisions and realize the value from assets through the following services:

- Policy and strategy development
- Life-cycle delivery
- Asset management program development
- Risk management
- Performance improvement

We understand the City manages a diverse portfolio of municipal facilities across various sectors, overseeing approximately 110 facilities, encompassing a total of 1,285,000 square feet of building space, which may involve an assessment of facilities to identify conservation measures and potential savings. In effort to deliver comprehensive and consistent assessments, the AECOM team uses industry-leading tools customized to meet the City's needs. Leveraging advanced geospatial and data analytics, we provide high-resolution mapping, predictive modeling, and scenario planning to support evidence-based decision-making.

DIGITAL SOLUTIONS. For over two decades, AECOM has been a trusted advisor to the Federal Emergency Management Agency (FEMA), supporting the development of the National Risk



Design concept for the Wahoo Bay shoreline stabilization and marine biodiversity park; a collaboration between AECOM, 1Print, and the City of Pompano Beach

Index tool and the Building Resilient Infrastructure and Communities program. We have served as contributing authors to several FEMA publications, such as building codes for hazard areas and flood resistant design and construction. Additionally, we have collaborated with the Rockefeller Foundation's 100 Resilient Cities Initiative, providing solutions to natural and socioeconomic challenges for over 35 local governments worldwide. We work to effectively reduce the long-term vulnerability of municipalities and organizations to the risks of natural hazards and long-term changes in climate through partnerships with various levels of staff and stakeholders. We have supported government and private sector clients in building their capacity through the development and implementation of guidance material and tools related to climate mitigation and adaptation. Under these efforts, AECOM has developed the following Natural Hazard Frameworks:

- **UN Disaster Resilience Scorecard** provides a set of assessments that allow local governments to assess their disaster resilience, structuring around UNDRR's Ten Essentials for Making Cities Resilient. (<https://mcr2030.undrr.org/disaster-resilience-scorecard-cities>)

- **Climate Adaptation Toolkit** operationalizes the U.S. Agency for International Development's five-step methodology for incorporating climate change adaptation in infrastructure planning and design, as outlined in their Climate Change Adaptation Guidance document.
- **U.S. Air Force Installation Energy Resilience Framework** improves the resilience posture of an installation's power, heating, cooling, and water infrastructure spanning building to district systems.
- **Climate Action for Urban Sustainability (CURB) Tool** for the World Bank and C40 is used by cities worldwide to identify and prioritize greenhouse gas (GHG) emission abatement interventions.

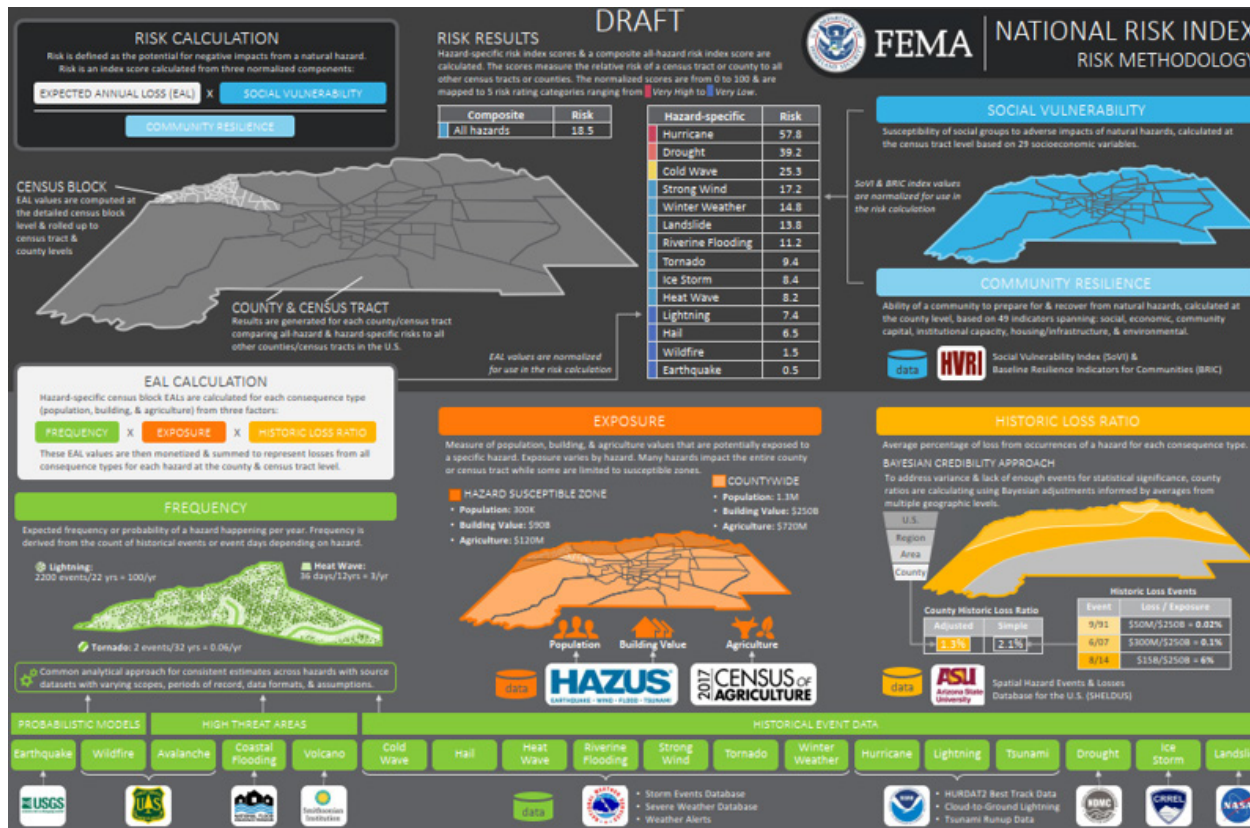
https://www.c40knowledgehub.org/s/article/Climate-action-for-URban-sustainability-CURB-scenario-planning-tool?language=en_US

- **FEMA National Risk Index** tool was co-developed to help illustrate the United States communities most at risk for 18 natural hazards. <https://hazards.fema.gov/nri/>

These tools allow our team to quickly access hazards against lifeline infrastructure and understand the potential impacts to the community. We draft prioritization and phasing based on the assessments and use the tools as visual communication aids to engage stakeholders and verify findings.



Dashboard that allows users to explore data integrated within the FEMA National Risk Index developed by AECOM



FEMA's National Risk Index

INFRASTRUCTURE ECONOMICS. Once projects have been identified and prioritized, funding is the next hurdle that AECOM can assist the City to overcome. Our team of professionals has decades of experience designing application procedures and processes, project positioning to promote outcomes that align with assessment criteria, developing grant narratives, and delivering economic justification of the expenditure. The Our team uses its infrastructure funding toolkit to combine project scoping and grant application service capabilities with two proven Digital AECOM solutions, PlanEngage™ and Fund Navigator™. Easy to use, cloud-accessible, and highly visual, these tools incorporate interactive maps, searchable data, customized reports, and dashboards.

AECOM has supported both the States of New Jersey and WV by providing consulting services related to the Infrastructure Investment & Jobs Act (IIJA). These partnerships aim to enhance transparency of state departments' IIJA spending, promote equitable and sustainable investments, and help local government partners federally capture infrastructure funding, both through

IIJA and more broadly. Specific to WV, AECOM is supporting state agencies, municipalities, economic development areas, and other stakeholders in WV. The main stakeholders that AECOM supports on a regular basis in the State of WV are the Offices and Departments of: Energy, Education, Economic Development, Tourism, Water Development Authority, Workforce, Broadband, Transportation, Emergency Management/Resilience, and Environmental Protection.

Our team also has an extensive and proven record of administering federal grant funding under the American Rescue Plan Act, IIJA, FEMA Public Assistance Program, Stafford Act Section 404 and 406 Hazard Mitigation Programs, Stafford Act Section 428 Public Assistance Alternative Procedures, National Flood Insurance Program, Community Disaster Loan Program, Small Business Association, U.S. Department of Agriculture, FEMA Individual Assistance, U.S. Department of Housing and Urban Development's Community Development Block Grants—Disaster Recovery and multiple other federal, state, and private assistance programs that promote resiliency and are relevant to supporting the City in achieving its sustainability goals.

Our approach prioritizes collaboration with our client to oversee transparent, inclusive stakeholder engagement and strategic communication to facilitate that each initiative pursued reflects community priorities.

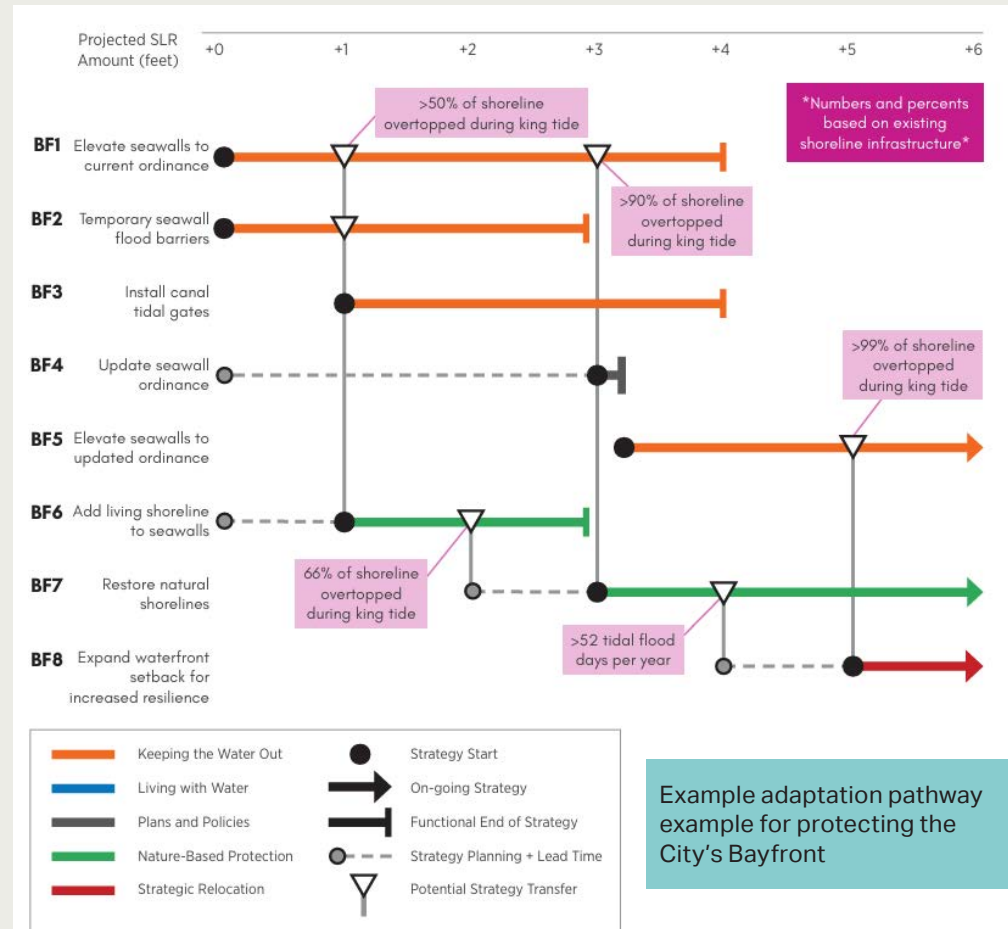
Adaptation Plan Development

The City is in a low-lying coastal zone and is acutely vulnerable to the escalating risks of sea-level rise, tidal flooding, and saltwater intrusion. In response,

City of Miami Beach Sea Level Rise Adaptation Plan

AECOM led the development of a comprehensive community-wide flood adaptation plan for the City of Miami Beach, a community that has been at the forefront of flood adaptation for decades. Rather than start from scratch, the plan was designed to build upon the City's extensive planning, engineering efforts, and ongoing studies aimed at addressing flood challenges. To avoid duplication and verify alignment with ongoing initiatives, we began the project with a thorough review of the City's key planning documents. This allowed us to identify current flood protection approaches and explore opportunities to enhance each plan's long-term (end-of-century) flood resilience. Our recommendations were designed to seamlessly integrate into periodic plan updates, strengthening the City's overall ability to proactively manage future flood risks.

The City of Miami Beach Adaptation Plan was innovative in its use of "adaptation pathways," a flexible, long-term planning approach that allows for adjustments based on changing conditions. Instead of relying on a fixed solution, AECOM worked with the City to develop a roadmap of multiple options that could be implemented in phases as sea level rise (SLR) and impacts worsen. To help the City decide when to implement different strategies, AECOM provided options for clear and measurable thresholds (e.g., flood frequency, increased maintenance costs) that serve as an indicator for when the existing flood protection approach may be losing its effectiveness. This approach helps the City avoid over-investing in solutions that might become obsolete too quickly.

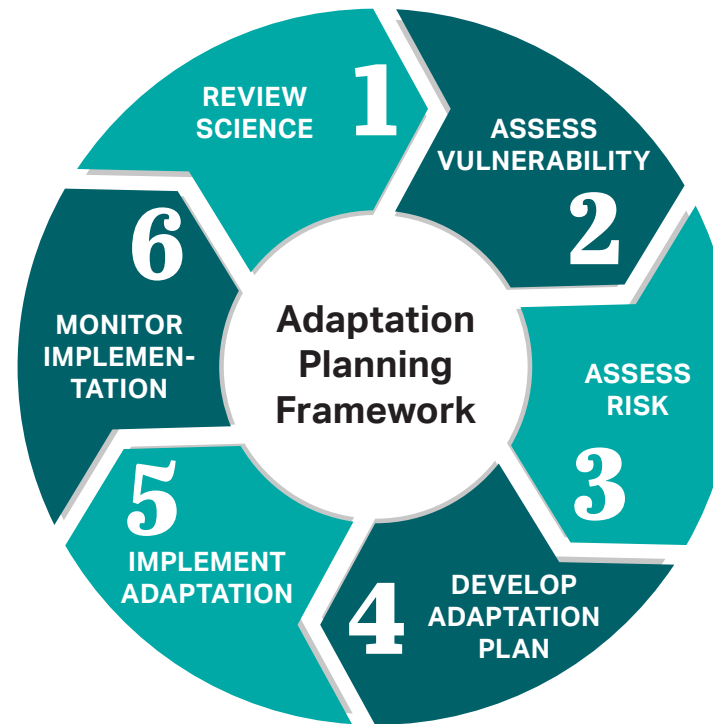


the City has aligned itself with the Southeast Florida Regional Climate Compact (the Compact), leveraging the Unified SLR Projection as a strategic planning tool. This projection—estimating a regional rise of 6 to 10 inches by 2030 and 14 to 16 inches by 2060—provides a strong foundation for prioritizing and accelerating adaptation initiatives across infrastructure, policy, and community resilience planning. The AECOM team used the Compact's SLR projections for vulnerability and adaptation planning assessments for an array of projects and planning efforts throughout Palm Beach, Broward, and Miami-Dade Counties.

Developing an Adaptation Plan to enhance community resilience involves a structured approach that builds on existing vulnerability assessments and integrates innovative strategies to address identified challenges. AECOM employs a six-step Adaptation Planning Framework so that resilience measures are robust and adaptable to evolving conditions. This framework includes reviewing scientific data, assessing vulnerabilities and risks, developing adaptation strategies, implementing plans, and monitoring outcomes.

Key tasks in this process include using Task Orders to prioritize adaptation actions based on feasibility, cost-effectiveness, and their social and environmental impacts. **Incorporating green stormwater infrastructure as a central component of adaptation strategies is crucial, as it provides ecological benefits while addressing stormwater management challenges.** AECOM's expertise in designing and maintaining green infrastructure makes sure effective implementation and community integration.

An objective framework with qualitative and quantitative measures is employed to assess project benefits, community acceptance, and potential obstacles so that adaptation strategies are not only technically robust but also socially and environmentally sustainable. Additionally,



AECOM uses a six-step, cyclical Adaptation Planning Framework to increase resilience. As the science is updated, the adaptation process continues, allowing projects, strategies, and policies to be efficiently adapted to new conditions.

developing a comprehensive implementation schedule and funding strategy is vital for the successful procurement and execution of prioritized actions.

The plan aims to enhance flood mitigation, biodiversity, and natural resource conservation, aligning with AECOM's commitment to creating resilient and sustainable communities. By leveraging advanced tools and methodologies, such as geographic information system (GIS)-based hazard overlays and resilience scorecards, we make sure adaptation solutions are tailored to the specific needs and vulnerabilities of the community. **We used this approach for plans needed for Resilient Florida eligibility, including for Cities of Miami Beach and Naples.**

We also recognize that it's sometimes difficult to prioritize investment for adaptation projects that are based on models and projections rather than immediate need. As a result, we partnered with the Compact and the Urban Land Institute to assess the business case and visually communicate the impact of non-investment in climate adaptation for Palm Beach, Broward, Miami-Dade, and Monroe Counties, FL. This four-county study resulted in an additional six-county study for the Tampa Bay Region through the Tampa Bay Partnership to understand the 'business case' of adaptation investment with a 4:1 return on investment.

Implementation Planning

AECOM excels in translating adaptation strategies into actionable implementation plans that drive sustainable urban development. Our approach involves developing comprehensive plans with clear timelines, budgets, and performance metrics to make sure effective execution and measurable outcomes. We prioritize coordination with City departments and stakeholders to integrate these plans seamlessly into existing municipal operations, fostering collaboration and alignment with broader urban development goals. Our team's expertise in urban planning and sustainability allows our implementation plans to be not only actionable but also contribute to long-term urban resilience and environmental stewardship.

PROJECT SCOPE DEFINITION. Defining a clear scope of work for the project is considered essential to make sure stakeholders have a shared understanding of what the project entails. This includes identifying deliverables, timelines, and resources advised.

RESOURCE ALLOCATION. Determining the resources needed, including personnel, equipment, and materials, and providing they are available when needed.

RISK MANAGEMENT. Identifying potential risks and developing strategies to mitigate them. This includes assessing the likelihood and impact of risks and planning contingencies.

SCHEDULE DEVELOPMENT. Creating a timeline that outlines when each phase of the project will be completed. This includes setting milestones and deadlines to track progress.

BUDGET PLANNING. Establishing a budget that covers project costs and makes sure financial resources are managed effectively throughout the project lifecycle.

COMMUNICATION PLAN. Developing a communication strategy to keep stakeholders informed and engaged. This includes regular updates and meetings to discuss progress and address potential issues.

Resilient305 Strategy as a Roadmap for Regional Resilience

Immediate (0-1 year)		Short-term (1-5 year)	
Action 1	Preserve and Restore Biscayne Bay	Action 3:	Bolster Our Beaches
Action 2	Build Reef Biodiversity and Defenses	Action 4:	Expand Nature-Based Infrastructure
Action 11	Maximize Opportunity Zones	Action 5:	Integrate Resilience into Parks and Open Spaces
Action 32	Pilot an Arrest Diversion for Opioid Users	Action 6:	Reduce "Back Bay" Flooding
Action 36	Time to Volunteer	Action 7:	Implement Sea Level Rise Strategy
Action 39	Get the 311 on Resilience for the 305	Action 8:	Develop Sea Level Rise Checklist for Capital Projects
Action 41	See it To Believe It	Action 9:	Create Development Review Checklist
Action 43	Roll-out 5-Step Guide to Innovative Recovery Financing	Action 10:	Strengthen Resilience Planning
Action 44	Bounce Forward 305 - Distribute Resilient Urban Land Use Essentials Guide	Action 13:	Design a Better Bus Network
Action 45	Send your Boss to Bootcamp	Action 14:	Drive into the Future
Action 47	Train Employees to be Resilient	Action 15:	It's Electric
Action 50	Create an Actionable Science Advisory Panel (ASAP)	Action 16:	Expand Renewable Energy
Action 52	Create a Resilient305 ArcGIS Hub	Action 17:	Building Efficiency 305
Action 55	Plan Efficiently & Effectively Together	Action 18:	Stay and Live in the 305
Action 57	Leverage the Power of Purchasing	Action 19:	Redeveloping Resilient Public Housing
		Action 20:	Build an Inclusive Economy
		Action 21:	Train for Construction
		Action 23:	Buy Local
		Action 24:	Be Counted
		Action 25:	Re-establish the Financial Capability Collaborative
		Action 26:	Teach Kids to Save
Short-term (1-5 year)		Mid-term (5+year)	
Action 27:	Expand Youth Career Opportunities	Action 12:	Develop Mobility Hubs in the 305
Action 28:	Break the Cycle of Youth Violence	Action 22	Promote Fair Chance Hiring
Action 29:	Respect Our Elders		
Action 30:	Update the Social Services Master Plan		
Action 31:	Advocate for Mental Health		
Action 33:	Accelerate Progress of HIV/AIDS Strategy		
Action 34:	Advance Pandemics Communication		
Action 35:	Increase Neighborhood Response		
Action 37:	Prepare Your Property		
Action 38:	Support Resilience Hubs		
Action 40:	Create a K-12 Plan for Resilience Literacy		
Action 42:	Pre-planning for Post-disaster Toolkit		
Action 46:	Resilient 35 in the 305 Network		
Action 48:	RISE to the Rescue		
Action 49:	Collaborate with Universities		
Action 51:	Resilience Accelerator Workshops		
Action 53:	Share Bold Integrated Water Models		
Action 54:	Employ a One Water Approach		
Action 56:	Finance a Resilient Future		
Action 58:	Pilot Resilience Financing Decisions Toolkit		
Action 59:	Demonstrate Cost Benefits of Resilience		

AECOM served as the strategic partner for the Resilient305 Strategy, a collaboration of Miami-Dade County, the Cities of Miami, and Miami Beach. This plan serves as a model for regional resilience by demonstrating how multiple jurisdictions can work together to address shared climate and social challenges.

By leveraging cross-sector partnerships, community engagement, and data-driven strategies, Resilient305 provides a roadmap of actions to enhance infrastructure, adapt to climate risks, and foster economic and social resilience. The strategy's holistic approach—integrating environmental, economic, and social resilience—illustrates how coordinated planning can create long-term, sustainable solutions for regional challenges.

More details on the Implementation Strategy is located on the Resilient305 website: resilient305.com.



City of San Francisco's Urban Forest Master Plan

AECOM led a multi-disciplinary team for the development of a comprehensive, actionable plan to enhance and expand City of San Francisco's Urban Forest. The Plan was to articulate a strategy and set policy for the proactive management of trees and understory plantings on all city streets and alleys, public parcels, private parcels, and improved open spaces, enhancing the city's urban forest now and into the future. The collaborative process fully integrated the City and stakeholders as members of the planning team at critical junctures in the project's schedule. By taking advantage of this collective base of energy and knowledge to move more efficiently through the process, AECOM would build a base for community consensus around the project with a group of involved participants at the very core of the visionary planning process.

AECOM's services included landscape architecture, urban design, GIS, economics, sustainability, and California Environmental Quality Act review. To complement the detailed environmental and landscape plans developed by the design and planning team, our team developed estimates for the benefits of urban forests, both direct (i.e., real estate appreciation, increased retail sales, increased lease/sales rates) and indirect (i.e., reduced stormwater runoff, mitigated urban heat island effect, improved air quality, improved public health) and devised an implementation scheme and financing strategy. This strategy focused on how the City could finance both initial capital costs of reforestation and long-term operations and maintenance costs. Drawing on best management practice case studies of urban forest programs in other cities, AECOM assessed the feasibility of implementing financing/funding strategies such as community benefit districts, public utilities commission fees, and public bonds.



QUALITY ASSURANCE. Implementing processes to make sure the project meets the advised quality standards. This involves regular reviews and testing to verify that deliverables meet specifications.

CHANGE MANAGEMENT. Preparing for potential changes in project scope or objectives and having processes in place to manage these changes effectively.

Implementation planning is an important phase in project management that involves outlining the steps considered necessary to execute a project effectively. At AECOM, we approach implementation planning with a focus on facilitating the aspects of the project are aligned with the client's objectives, timelines, and budget constraints.

Urban Forestry Plan

AECOM has extensive experience in developing urban forestry plans that integrate environmental sustainability and community needs. Our approach focuses on reducing urban heat, enhancing climate adaptation, and supporting stormwater management through strategic planning and community engagement. It includes an inventory and mapping of urban trees, analysis of canopy coverage, and the implementation of strategies to enhance biodiversity and resilience against climate change. For example, we have conducted comprehensive tree inventories using advanced GIS and remote sensing technologies, enabling precise geolocation and characterization of urban forests. These inventories support the development of tree management plans, including preservation strategies and reforestation efforts, tailored to specific urban environments.

Our urban forestry services also encompass the creation of planting programs that prioritize species diversity and climate adaptability. These programs aim to mitigate urban heat islands, enhance ecological connectivity, and improve community access to green spaces. Additionally, we provide expertise in assessing the impact of

construction projects on urban forests, ensuring compliance with municipal regulations and promoting sustainable development practices.

Through these efforts, AECOM supports the creation of sustainable, climate-resilient urban environments. Our expertise in urban planning, environmental management, ecology and community engagement facilitates successful implementation of Urban Forestry Plans.

Community Rating System (CRS) Watershed Management Plan

Communities are evolving from single purpose master planning to holistic efforts fully incorporating watershed planning. The most effective way to meet economic and environmental demands and regulatory requirements is an integrated approach to public and private land use regarding water quantity, quality, and supply. AECOM is committed to developing a Watershed Management Plan that maximizes points under the CRS Program, integrating sustainable and adaptive management principles while enhancing community resilience and sustainability. Our approach focuses on providing water resources for aquatic ecosystems while mitigating flood damage, erosion, and water quality issues. We employ adaptive management principles to integrate science and management, providing targeted solutions that address both ecological and regulatory challenges. Our expertise in watershed management includes:

SUSTAINABLE MANAGEMENT. We focus on sustainable watershed and ecosystem management by analyzing engineering and construction feasibility, as well as regulatory, ecological, social, and economic impacts. This holistic approach informs development of solutions that are effective and resilient.

GREEN INFRASTRUCTURE. AECOM's philosophy emphasizes developing designs that are effective, replicable, resilient, and maintainable. We tailor

our solutions to meet the needs of stakeholders and clients, providing projects that are environmentally and socially beneficial.

INNOVATIVE TOOLS AND TECHNIQUES. We use state-of-the-art field, data, and GIS-based analyses to initiate resource protection and use. This includes employing advanced modeling and monitoring tools to understand and manage coastal and stormwater environments.

STAKEHOLDER ENGAGEMENT. Our approach includes engaging with stakeholders so that watershed management plans are comprehensive and inclusive. This involves collaboration with local authorities, planners, and community groups to implement solutions that benefit at a lower financial cost.

INTEGRATED WATER MANAGEMENT. We provide integrated water engineering, planning, biodiversity, and urban design services that facilitate the creation of environments. This includes implementing sustainable drainage systems and linking them to blue-green infrastructure to manage stormwater effectively.

By managing water environments across entire catchments, AECOM delivers water management schemes that improve water quality, reduce flood risk, and benefit both communities and the environment. Through these tasks, AECOM will assist communities not only meet CRS requirements but also enhance their overall resilience and sustainability in the face of climate change.

Water Audits at Selected City Facilities

AECOM is dedicated to conducting comprehensive water audits at selected city facilities to identify inefficiencies and uncover conservation opportunities, ultimately reducing water consumption and enhancing sustainability. Our team has a robust track record in conducting water facility audits, which encompass comprehensive assessments of infrastructure, operational efficiency, and compliance with environmental standards. Our audits typically

City of Naples, FL

Under the City of Naples Stormwater Management Contract, AECOM facilitated extensive collaboration across city departments to integrate climate adaptation and resilience into municipal planning, operations, and decision-making. This cross-departmental effort made sure a cohesive and effective approach to climate challenges. Additionally, AECOM engaged community leaders and residents through surveys and workshops, gathering valuable input on climate adaptation concerns and preferences. This inclusive approach helped make sure the strategies developed were informed by and responsive to the needs of the community.



include evaluations of water treatment plants, pump stations, and distribution systems to identify areas for improvement, check regulatory compliance, and enhance operational sustainability. For instance, we have performed comprehensive condition assessments for New York City's Department of Environment Protection's water supply and distribution, wastewater treatment, wastewater collection and pumping stations, buildings and fleet. We focus on structural evaluations, equipment reviews, and the development of plans for capital improvement plans to address identified deficiencies.

Our methodology involves using advanced tools and techniques, such as hydraulic modeling, not usually destructive testing, and GIS mapping, to provide an analysis of the facility's current state and future needs. We also assist in developing asset management plans and prioritizing rehabilitation or replacement projects to optimize resource allocation and extend the lifespan of infrastructure. By identifying inefficiencies and recommending targeted conservation measures, our team helps municipalities achieve significant water savings and advance their sustainability goals.

Energy Audits at Selected City Facilities

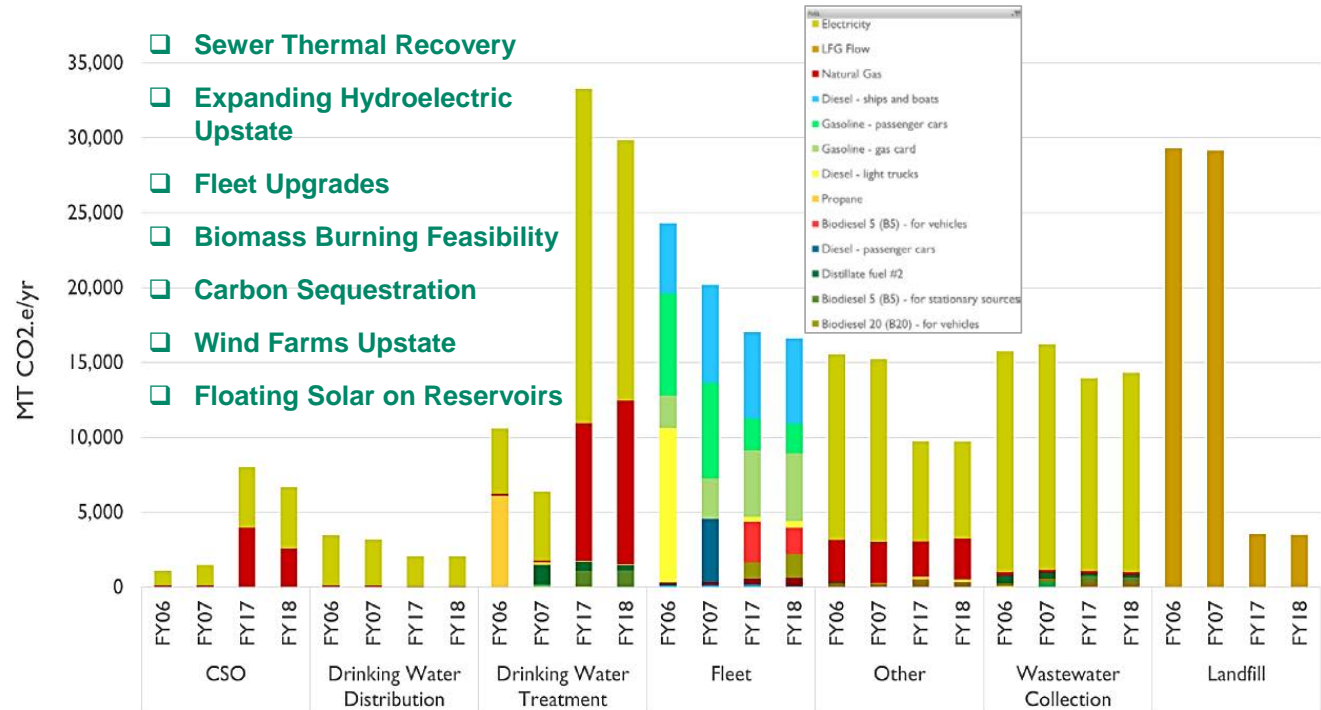
At AECOM, we have extensive experience in conducting energy audits and implementing audit programs tailored to the unique needs of municipal buildings. Over the last 10 years, our team has conducted thousands of energy audits and assessments using industry standards and delivered optimized energy solutions for public and private clients including City of Miami Beach, the United States Postal Service, the New York City Department of Transportation, the New York City Housing Authority, the U.S. Department of Homeland Security, Siemens, and the Department of Defense (Navy, Army, and Air Force). These audits involve investigations of utility systems, rates, and potential conservation opportunities, providing clients with actionable insights to improve energy efficiency and reduce costs.

Our teams have conducted various levels of audits tailored to client and building needs, including:

- **Level 1.** Preliminary energy audits involving a basic evaluation of energy consumption patterns and potential savings opportunities. These audits are ideal for initial assessments and quick identification of low-cost measures.
- **Level 2.** General energy audits which include data collection, facility reviews, and calculations to pinpoint specific areas for energy optimization.
- **Level 3.** Investment-grade audits which are used for large-scale investments in energy-efficient technologies and involve in-depth analysis, financial modeling, and project planning.

Specifically for municipal buildings, our audits focus on areas such as heating, ventilation, and air-conditioning (HVAC) systems, lighting, building envelopes, and water usage. We assess the performance and operations of heating and cooling systems, identify inefficiencies in lighting, and evaluate the insulation and sealing of the building envelope to reduce energy loss. Additionally, we examine water usage patterns to recommend conservation measures. Our audit programs also include benchmarking against similar facilities to provide context and set realistic energy-saving goals.

AECOM conducted district wide assessments for New York City's Department of Environmental Protection. As part of the effort, we analyzed energy and carbon offsets of water utility assets.



Miami Forever Carbon Neutral: Growing the New Green Economy

Analysis of City of Miami's Green Economy and Action Plan for Expansion

AECOM partnered with C40 to develop a climate action selection and prioritization (ASAP) tool and an accompanying stakeholder engagement module to pair with the tool. We were additionally commissioned by C40 to develop, update, and assess climate mitigation and adaptation planning for cities around the world providing the following:

- GHG emissions forecasting
- GHG reduction analysis
- GHG inventory technical support
- Stakeholder climate workshops to review/discuss actions
- Action prioritization discussions

C40 Cities Climate Action Planning

As part of this engagement, AECOM also partnered with the Cities of Houston and Miami to conduct a workforce equity assessment, and for Miami, a Green Economy report, which:

- Evaluated the prospects of economic growth, job creation, and capital investments associated with the green economy
- Assessed municipal procurement practices important to growth
- Identified green industries that pay living wages
- Determine the demand for green jobs and growth expectations

GHG Inventory Update

AECOM specializes in updating and maintaining GHG Inventories to support cities in tracking and reducing emissions, facilitating alignment with climate goals and sustainability objectives.

GHG INVENTORY UPDATE. AECOM will provide a comprehensive update of the City's GHG Inventory to evaluate progress toward emissions reduction goals. This involves an analysis of current data, trends, and comparison to baseline data.

EMISSIONS ASSESSMENT. Our team will assess emissions from both municipal operations and community-wide sources, identifying trends and key contributors to the City's carbon footprint.

MITIGATION STRATEGY RECOMMENDATIONS.

We will pinpoint key areas for emissions reduction and provide actionable recommendations for effective mitigation strategies, tailored to the City's unique needs and resources.

REPORTING FRAMEWORK DEVELOPMENT.

AECOM will develop a robust reporting framework to track and communicate progress on climate action initiatives, providing transparency and accountability for our deliverables.

In addition to providing standard GHG inventory updates, **our team analyzes the data to understand impacts to public health and cost to the City** by overlaying a resilience and equity lens and conducting a cost-benefit analysis.

RESILIENCE AND COMMUNITY LENS. When evaluating GHG reduction strategies and prioritizing city programs, we integrate community considerations so that the benefits of sustainability initiatives are distributed fairly. This includes assessing how different strategies impact vulnerable populations and align investments with areas of greatest need. Additionally, we embed resilience into program design by identifying and mitigating risks associated with climate

change, such as extreme weather events or rising temperatures. By combining resilience and equity in our approach, AECOM will support the City to create sustainable programs that not only achieve climate and energy goals but also enhance community well-being.

GHG REDUCTION COSTS AND BENEFITS. AECOM will build upon our work with the City to further its GHG reductions and understanding of co-benefits. AECOM will engage our multi-disciplinary team of sustainable economists, public health practitioners, and equity specialists to evaluate and measure potential costs and benefits including those that relate to health, community resilience, equity, and more. This information will be woven into various task orders to better communicate the progress of the City. In this work, AECOM can use our ASAP tool. The ASAP tool, developed by AECOM for C40 Cities, is a robust and flexible tool designed to help cities prioritize climate mitigation and adaptation actions. The tool is Excel-based and incorporates a wide range of criteria to evaluate actions for their GHG reduction potential, resilience benefits, co-benefits (e.g., health and equity), and feasibility (e.g., technological and financial barriers).

In addition, AECOM developed a stakeholder engagement module to support the use of the ASAP tool. This module includes workshop agendas, facilitator guides, presentations, and handouts so that the prioritization processes is effective and transparent. The tool and its accompanying resources aim to enhance political buy-in and consensus-building for climate action implementation. By leveraging advanced tools and methodologies, AECOM will use updated GHG Inventory as a strategic tool for achieving climate goals and fostering sustainable urban development.



Management Approach Understanding

Effective project management is vital to project success. We are an industry leader in managing complex challenges that can arise in the delivery of publicly managed programs. Whether we provide technical or administrative services throughout the entire project lifecycle, we stand ready to bring forward capable and proven professionals that are certified by both the Project Management Institute and through AECOM's internal Certified Project Manager program. This is needed to lead client-sourced project, so our delivery to clients includes the industry standard practices and supports maintaining an impactful delivery of services.

AECOM maintains an internal annual recertification process for AECOM certified Project Managers. This demonstrates our commitment to providing the needed and experienced technical resources armed with the latest industry standard practices in process and technology to help our clients meet their project objectives, acting as an extension of their organization, while protecting their interests as our own.

Approach

Complex projects require precise planning, coordination, and execution. AECOM has extensive experience in managing large-scale projects and brings proven methodologies and practices to finish projects efficiently and effectively. For the School District of Palm Beach County's \$1.8B capital improvement program, AECOM tracked over 12,000 facility condition assessment deficiencies and nearly 80,000 other scope items. This level of tracking exceeds the capability of most management systems; however, the team developed a new generation of program controls software to meet the program's unique needs. Now the School District of Palm Beach County can track safety reviews and asset attributes on applicable projects using our tools.

The AECOM team strives to deliver high-quality projects for our clients on time and within budget. We recognize that, if awarded, this is a contract vehicle for many potential projects, each with unique issues and constraints that will be addressed by the AECOM project management team. We adhere to a structured and comprehensive approach to developing project plans, specifications, and design drawings.

We begin by partnering with the City to confirm a clear understanding of the scope, objectives, responsibilities, procedures, fees, and deadlines. From there, the AECOM team develops a Project Plan that outlines tasks, milestones, and

responsibilities. The Project Plan is an effective planning and management tool and is used to share project information and expectations. It is also a living document that evolves and is regularly updated and tracks changes impacting scope, schedule, budget, and/or key project staff throughout the life of the project. By giving project team members access to the Project Plan document, the team may avoid misunderstandings or other risk issues by having a common understanding of the project and its requirements.

We collaborate closely with each of our technical specialists in relevant disciplines to construct thoughtful teams that will meet the City's specific need.

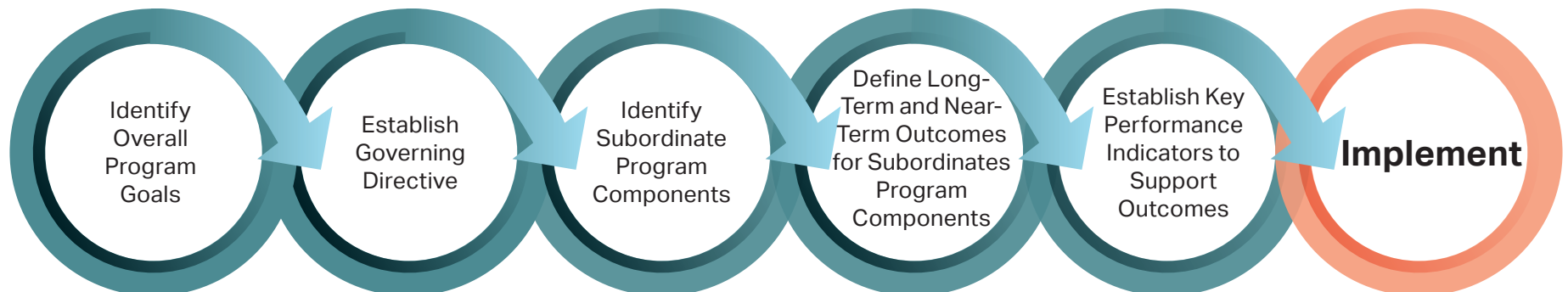
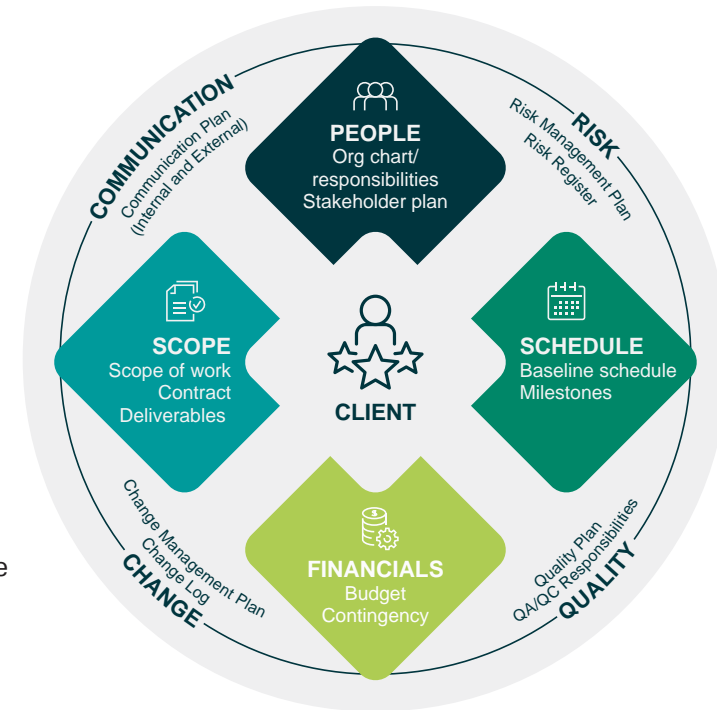
COMMUNICATION AND RESPONSIVENESS.

AECOM focuses on delivering a clear, concise, and immediate communication; connecting you with the right resources for various types of assignments; efficiently delivering these assignments; and providing accountability for our team.

PROJECT DOCUMENTATION AND REPORTING.

An integral part of our project management approach is establishing a Project Management Information System that will include:

- Development and maintenance of a centralized document management system
- Clear audit trail for every document with records of changes and version history
- Logged distribution of project documents and deliverables
- Meeting agendas, correspondence, and action items for each interaction



Cost Management and Scheduling

Our resource management strategies will optimize labor and materials so that project deliverables are delivered efficiently without compromising response times or quality. AECOM will provide the City with a single point of contact to streamline resource management and match the right resources with each client request.

To support this continuing mission, we use AECOM Workbench, which is a powerful cloud-based project management and financial tracking, reporting and analysis tool used by our project managers worldwide. This system includes performance measurement techniques to track budgets and schedules throughout the lifecycle of each project. Our team's Project Management Plan provides for continuous monitoring and improvement.

Part of delivering projects on time and within budget is watching for red flags/obstacles before it's too late to adjust. As the project progresses, we will proactively track the following two key components monthly:

- The Actual Cost of Work Performed, which is the total cost incurred to date; and
- The Earned Value or Budgeted Cost of Work Performed, which is the value of actual work completed, not just the amount of money spent.

By continuously monitoring the baseline against these key parameters, we can monitor not only the current situation but can also forecast if we are heading towards success or problems associated with cost and/or schedule. We can then proactively implement adjustment measures to prevent overruns/delays before they occur. As project variables and conditions can change along the way, we will also develop a contingency plan for each phase/milestone to implement, if needed.

Quality Approach

AECOM offers a proven Quality Management System (QMS) certified to the internationally renowned ISO 9001:2015 standards, yet flexible enough to meet the specific requirements of this contract. Quality management is central to our project management approach, and our team includes individuals dedicated to specific quality roles. Our Quality Assurance/Quality Control (QA/QC) Program makes sure that SOWs issued by the City are completed consistently, timely, and with high quality, demonstrating due care and professional competence. AECOM will adhere to our internal QMS as part of the standard QA/QC program.

Each individual SOW submittal will identify a Quality Lead for that technical specialty team. These Quality Leads will conduct reviews of the proposed projects within their category for appropriateness for the intended scope of work, conformity of the scheduling, budget, planning, analysis, study, design, and drawings to standard industry criteria and practice.

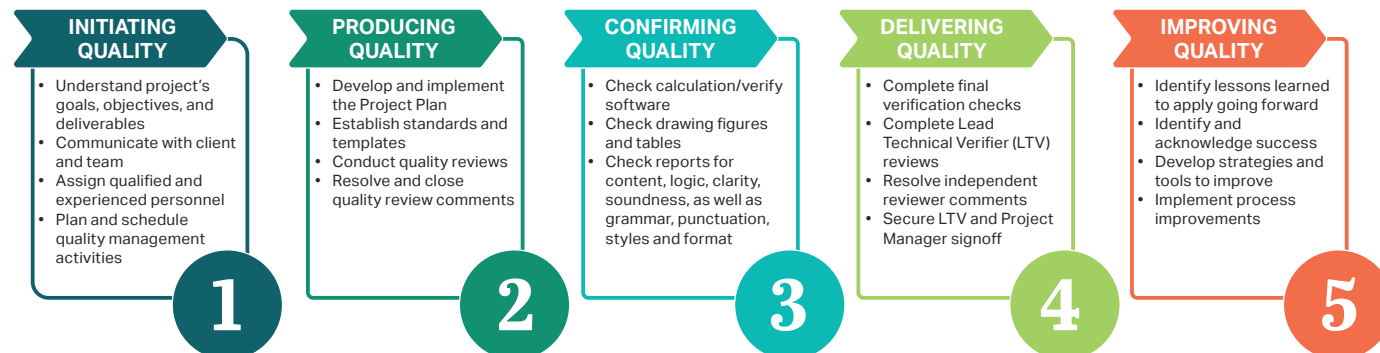
As is standard for AECOM project delivery, an assigned technical review team will focus on compliance with established policies, principles, and procedures using clearly justified and valid assumptions. This includes the review of calculation sheets, spot checks of mathematics, oversight of inspections and reports, and a review of assumptions, procedures, and methodology.

Using internal AECOM tools, the project team will address and backcheck technical reviewers' comments in a timely manner. Our diligence and focus on quality facilitate successful project implementation for our clients and help us manage concurrent task orders while producing high-quality work. We offer the following quality philosophy:

PLAN – INITIATING QUALITY. Quality begins with AECOM's understanding of your project goals and objectives. Our philosophy of quality emphasizes communication at the outset with the City and a thorough review of project inputs. Assigning technically qualified and experienced personnel to produce and review our work is a crucial step. Our initial planning and scheduling activities, including defining the various project work tasks and associated quality activities, are fundamental to achieving a successful project.

DO – PRODUCING QUALITY. AECOM requires a project plan for every project that defines key parameters and guides the work of the team. The project team discusses the plan at the kick-off meeting and updates the plan as needed to inform the team of new developments. As work proceeds, many critical technical activities are undertaken, including:

- Proper application of codes, standards, and design criteria
- Ongoing oversight and supervision for accuracy and completeness as work proceeds



- Distribution of in-progress documents at defined intervals for quality review
- Coordination among disciplines
- Verification of compatibility and consistency among document types, such as drawings and specifications
- Resolution and closure of in-progress review comments

CHECK – CONFIRMING AND DELIVERING

QUALITY. While it is important to build quality in the work as it is performed, formal checking and review are critical QMS activities. Quality checking activities are documented with two-level approvals, and include:

- Checking calculations to verify correctness and completeness of mathematics, methodology, software selection, application of standards and codes, and general approach.
- Checking drawings within each discipline to confirm design layout, dimensions, and details. Potential interferences, conflicts, and resolution of interface issues through interdisciplinary reviews.
- Checking specifications for content and application, as well as compliance with the prescribed format and for consistency throughout the specifications.
- Checking studies/reports for content, logic, clarity, and soundness of recommendations, as well as for grammar, punctuation, and format.

Project Managers submit deliverables only after they undergo a final verification check. The assigned Quality Lead for that SOW evaluates the deliverables for completeness and consistency, adherence to quality requirements, and resolution of comments. The quality lead then signs a Technical Quality Review Record and transmits it to our project manager, who is responsible for the final review, approval, and submittal. This final

independent evaluation assesses the submittal's state of readiness without diminishing the project manager's accountability for the quality of the released work. As a check-and-balance activity, this review pairing helps AECOM consistently deliver quality and value to our clients.

ACT – IMPROVING QUALITY. A key component of AECOM's quality program is continuous improvement. We learn from our experiences and apply those lessons to future work through a formal, iterative process. The true focus of this process is to generate client satisfaction, one of AECOM's core values.

Responsiveness Through Our Client Promise

AECOM's Client Promise is built around three key mantras:

- "Walk in Your Shoes,"
- "Bring Our Best,"
- "No Surprises."

These principles guide AECOM's commitment to partnering with clients, delivering excellence and quality, and being proactive and accountable. The promise was developed through extensive client feedback and workshops and is now embedded into various processes including project delivery, operations, Human Resources, and marketing. Our Client Promise articulates our client-center focus for our work, which includes responsiveness to contract requirements and client priorities.

By integrating the Client Promise into daily operations, AECOM aims to foster strong client relationships, differentiate itself from competitors, and inspire employees to deliver exceptional client experiences. The Client Service Standard communicates these commitments to clients, making it aligns with their values and expectations. Through consistent application of these principles, AECOM seeks to elevate client satisfaction and loyalty, driving repeat business and growth.



At our best for our clients

Whether working for an internal or external client, we bring our best to every interaction

Relevant Projects

AECOM, KEITH and 1Print have a strong record of experience delivering sustainability and resilience services for municipalities, state, federal and private sector clients. We have successfully managed projects involving adaptation planning, urban forestry, vulnerability assessments, and GHG inventory for clients ranging from municipal governments to private entities. As a result, our team is highly knowledgeable in the latest methodologies, promising practices, and public desire for sustainable and resilient infrastructure.

Over the past several years, AECOM has provided—or is currently providing—similar services to numerous clients. The following project summaries provide information on our team's experience with similar projects, showcasing our expertise in adaptation and resilience planning, engineering, and urban planning.

Environmental Permitting at Wahoo Bay | City of Pompano Beach, FL

End Client Owner/Address

City of Pompano Beach
100 West Atlantic Boulevard
Pompano Beach, FL 33060
Tammy Good, PMP, CGC
Capital Improvement Plan Manager
954.786.4600
tammy.good@copbfl.com

Owner's Representative

Adam Friedman
Co-Founder and Chief Executive
1Print LLC
1385 Hammondville Road
Pompano Beach, FL 33064
585.615.8937
adam@1print.one

Relevant to RFQ Services

Engineering
Sustainability
Environmental Permitting
Nature-based Solutions
Climate Change Adaptation &
Resiliency

The City of Pompano Beach owns Hillsboro Inlet Park and acquired the submerged lands for Wahoo Bay and a new public swim area in December 2019. The Wahoo Bay marine park features the innovative SEAHIVE modular shoreline protection system, developed by the University of Miami. In 2023, six 20-foot SEAHIVE modules, each with 36 perforated hexagonal tubes, were deployed along the seawall to support mangroves and other marine life. This technology aims to stabilize the shoreline and protect against flooding, erosion, and wave impact, while studying the marine ecosystem and addressing sea level rise.

The SEAHIVE technology represents an innovative approach that combines natural and human-made solutions to improve coastal resilience. To accelerate the

commercialization of the SEAHIVE shoreline protection system, 1Print holds the exclusive license to manufacture and distribute 3D-printed SEAHIVE systems globally. This initiative focuses on coastal resilience and showcases the technology's real-world applications, providing a tangible way to make a positive community impact in a commercially viable manner.

This project exemplifies effective collaboration between academia, government, and private industry, involving the City of Pompano Beach, Broward County, and the not-for-profit Shipwreck Park. AECOM's deliverables include U.S. Army Corps of Engineers (USACE), Florida Department of Environmental Protection, and Broward County permit applications and associated regulatory agency coordination.



Wahoo Bay Underwater Marine Park
Image credit:
<https://wahoobay.org/>

Providing environmental permitting and engineering design services to support the implementation of a shallow water reef structure at Wahoo Bay.

Designed to reduce flooding and erosion while building habitat to support marine life.

City of Pompano Beach Continuing Services | *Pompano Beach, FL*



Client Owner/Address

City of Pompano Beach
100 East Atlantic Boulevard
Pompano Beach, FL 33060

Owner's Representative

Fernand Thony
GO Bond & Innovation
District Director
954.786.4683
fernand.thony@copbfl.com

Relevant to RFQ Services

Sustainability
Environmental Permitting
Condition Assessments

KEITH is providing general engineering services to the City on an as-needed basis on this ongoing continuing services contract. Some projects provided under this contract include:

- Municipal Reclaimed Water Main Design
- Force Main Replacement Design
- Pompano Beach Branch Library Renovations
- Municipal Golf Course
- Pier renovations
- Southeast 8th Court Bridge Replacement
- Reuse Water Main Distribution System
- Northeast 4th Street Reuse Water Line Expansion
- Condition Assessments for Various City-owned Buildings and Facilities
- Pompano Beach Boulevard Water Main Design Site Plan and Permitting Services
- GO Bond Park Projects

KEITH also provides general surveying and mapping services to the City on an as-needed basis. Some geospatial projects include:

- South Cypress Road and Southeast 15th Court Intersection Design Survey
- Southeast 13th Street Force Main Design Survey
- State Road A1A Survey and SUE Services from Hillsboro Boulevard to Terra Mar Drive
- Emergency Generators Design Survey for City Hall and Public Safety Building
- Santa Barbara Reuse Water Line Expansion Topographic Survey
- North Riverside Drive Directional Drill Survey and SUE Services

KEITH is providing general engineering services to the City on an as-needed basis for this continuing services contract.



Compartment C Buildout STA and Pump Station | South Florida Water Management District (SFWMD)



Client Owner/Address

South Florida Water
Management District
3301 Gun Club Road
West Palm Beach, FL 33406

Owner's Representative

Alexis San Miguel, PE
Section Leader
561.662.2278
asanmigu@sfwmd.gov

Relevant to RFQ Services

Water Resources Planning
Water Resources Design
Engineering Services
Geotechnical Studies

Hydrologic and hydraulic (H&H) models of each flow-way cell and WCA3A were developed to include the effect of direct rainfall falling within the project area. STAs and hydraulic structures for the project were designed using several hydraulic analysis methods including: HEC-HMS, HEC-RAS, FESWMS, ACES and Culvert Master.

Water quality modeling of the STA 5/6 system was conducted using DMSTA2 to assess the level of phosphorus removal from the influent water and the resulting effluent water quality. Different potential STA 5/6 operational alternatives were analyzed.

A water availability study was conducted to determine the water needs for hydration of the STA and the water availability from the outflow canal. Based on the result of the analysis the hydration pump station was designed with two 50 cold-formed steel (cfs) 125 horsepower submersible axial flow pump to have the flexibility to provide flows depending on the water availability. The pump station included a trash rack and rake system for screening and removal of trash and an energy dissipater to reduce discharge flow velocities to minimize erosion.

For the CMS the team members reported to the contract construction manager (CCM). The CCM balanced its role through active communication with the District's construction manager, observing critical items of work, and management of personnel in accordance with the District's deliverables and the internal QA/QC plan.

AECOM worked with the district project manager and the different technical teams successfully for the design of all project components. AECOM completed the design on budget and time and resulted in the successful design of the 6,395 acre STA. During the CMS, AECOM maintained effective communication and working relationship with the District's Construction Manager (DCM) and other District staff throughout the project, for optimal service on this complex project.

In his final performance evaluation, the **DCM ranked AECOM's service as exceptional** citing organization, documentation, processing of submittals, request for information, pay applications, as contractor (AECOM) strengths.

This project highlights the extensive resources within AECOM's team, encompassing the various disciplines necessary to successfully design the components of the STA buildout. AECOM designed a 100 cfs pump station, 4,850 acres of new flow-way, 18 miles of levees, 23 miles of canals, and 22 remotely operated control structures.



Sea Level Rise Vulnerability Assessment and Adaptation Plan | City of Miami Beach, FL



Client Owner/Address

City of Miami Beach
1700 Convention Center Drive
Miami Beach, FL 33139

Owner's Representative

Amy Knowles
Chief Resilience Officer for
the City of Miami Beach
305.673.7084
amyknowles@miamibeachfl.gov

Relevant to RFQ Services

Adaptation Plan Development
Implementation Planning
Resilience
Community Engagement

AECOM supported the City of Miami Beach in developing a SLR Vulnerability Assessment and Adaptation Plan to increase long-term flood resilience. This comprehensive analysis identified assets at risk from sea level rise and compound flooding and provided a foundation for targeted adaptation strategies. The project relied on a range of stakeholder and community engagement to result in a plan that reflects community priorities.

The Vulnerability Assessment was designed to comply with the Resilient Florida grant program requirements. It assessed physical asset impacts and examined flood risk through a community sensitivity lens, involving focus group interviews with residents and local businesses. This helped understand community perspectives on flooding

and identify infrastructure serving socially vulnerable neighborhoods. The findings were used to inform the City of Miami Beach's SLR Adaptation Plan, which integrates ongoing City plans and initiative to align adaptive efforts with existing flood management, land use, and neighborhood improvement projects.

The Adaptation Plan outlines a comprehensive, forward-thinking, and flexible framework to protect the City's infrastructure and residents, while maintaining its position as a global destination. These efforts enhanced the City of Miami Beach's resilience to sea level rise impacts, promoted community collaboration, and supported sustainable urban development.

AECOM conducted a comprehensive analysis to identify assets and infrastructure at risk from sea level rise and compound flooding, providing a foundation for targeted adaptation strategies.



Critical Assets and Facilities Vulnerability Assessment and Adaptation Plan | City of Naples, FL

Client Owner/Address

City of Naples
Natural Resources Division
295 Riverside Circle
Naples, FL 34102

Owner's Representative

Natalie Hardman
Natural Resources Manager,
Streets and Stormwater Department
239.213.1031
nhardman@naplesgov.com

Relevant to RFQ Services

Adaptation Plan Development
Implementation Planning
Resilience
Urban Planning
Vulnerability Assessment
Stakeholder Engagement

AECOM facilitated extensive collaboration across city departments to integrate climate adaptation and resilience into municipal planning, operations, and decision-making. This cross-departmental effort made sure a cohesive and effective approach to climate challenges. Additionally, AECOM engaged community leaders and residents through surveys and workshops, gathering valuable input on climate adaptation concerns and preferences. This inclusive approach helped make sure the strategies developed were informed by and responsive to the needs of the community.

The Adaptation Plan included a range of strategies targeting infrastructure, transportation, community facilities, and natural habitats and cultural assets. Through a combination of project evaluation criteria scoring, City staff input, and community feedback, AECOM developed

a set of 47 ranked strategies. Strategies included a wide range of physical and non-physical intervention types to provide holistic climate hazard protection. A set of summary sheets were developed to document strategy details, including a project description, benefits, evaluation criteria scoring factor, cost estimates, and potential funding sources.

The Adaption Plan provided the City of Naples with a flexible framework to address climate hazards over time. Since its completion, AECOM has continued to support the City of Naples with the implementation of several prioritized strategies. These efforts have enhanced the City of Naples's resilience to climate impacts, promoted community engagement, and supported sustainable urban development.

Example strategy summary sheet from the Adaptation Plan

2 A BUSINESS CASE FOR RESILIENCE STUDY

Beyond the physical effects of flooding, the economic consequences of these damages to infrastructure and communities are important to understand. This strategy examines the City's economic risk of flood hazards and the business case for investing in resilience.

Description

The City has completed a climate change vulnerability assessment to understand the types and locations of infrastructure and facilities that are most susceptible to damage due to flood hazard exposure. However, understanding the economic consequences of flood hazard impacts can help encourage continued action to address the challenges the City faces.

This strategy focuses on completing a benefit-cost analysis to compare the cost of adaptation strategies with the cost of damage that could occur if no action is taken. When the ratio of the benefits is greater than one, an investment can be considered economically justified. In addition to an analysis of direct physical damages, the study can also account for cascading effects such as business disruption, traffic delays, and loss in critical services. It is also possible to look at the co-benefits of the adaptation investments, such as job creation and increases in recreation space.

Benefits

- ✓ Contributes to the understanding of projected returns on investments of flood adaptation strategies
- ✓ Enhances public will for action
- ✓ Engages business community as a partner in making climate-resilient investments

Similar analysis has been completed for Southeast Florida and the Tampa Bay regions

Implementation Factors

Evaluation Criteria	Estimated ROM Cost
Engineering: 4/5	Low Range (<\$20M)
Environment: 4/5	
Social Benefits: 4/5	
Implementation Feasibility: 4/5	
Total Score: 10/12	

Timeframe

<2 Yr Short 2-5 Yr Mid 5-10 Yr Long

Implementing Actions

- Engage with potential local private sector partners to gauge interest in collaboration.
- Determine which resilience strategies would be well-suited for benefit-cost analysis

Implementation Lead: City of Naples - Public Works Department

Strategy Partners: Greater Naples Chamber of Commerce

Potential Funding Sources: City of Naples Annual Budget, Private local developers or investment firms based in Naples, FDEP Resilient Florida Program

The City can commit to promoting a resilient economy through strategic investments and collaboration between public and private sectors (Source: Jerome Labouyrie / Adobe Stock Photos)

https://nausa.com/tampabaypartnership/docs/making_the_economic_case_for_resilience_in_tampa_b
<https://sefflorida.org/business-case-for-resilience-southeast-florida/>

AECOM developed a Critical Assets and Facilities Vulnerability Assessment and Adaptation Plan, identifying key infrastructure susceptibilities and outlining strategies to mitigate the impacts of flooding and extreme heat conditions.

City of Miami Resilient Waterfront Enhancement Plan | City of Miami, FL



Client Owner/Address

City of Miami
Office of Resilience and Sustainability
444 SW 2nd Avenue, 2nd Floor
Miami, FL 33130

Owner's Representative

Alissa Farina
Project Manager
305.809.6551
afarina@miamigov.com

Relevant to RFQ Services

Adaptation Plan Development
Implementation Planning
Resilience
Green Stormwater Infrastructure
Stakeholder Engagement

This Task Order was performed under the City of Miami Master Service Agreement. To address ongoing flood vulnerabilities that threaten the City of Miami's long-term resilience, AECOM supported Miami in developing a Resilient Waterfront Enhancement Plan. This plan laid out a suite of concept-level shoreline enhancement design alternatives to mitigate current and future flood risks while also emphasizing nature-based features that support local ecosystems in the design. Developed design alternatives for four representative shoreline typologies: end of road on bay front, end of road on riverfront, park on bay front, and park on riverfront.

AECOM designed as prototypes that can easily be expanded or applied to other stretches of the waterfront with similar characteristics. To develop the plan, AECOM performed a shoreline prioritization assessment to select prototype locations based on flood risk, representative shoreline characteristics, and shoreline ownership. AECOM also facilitated several workshops with City staff to identify preferred components of the design alternatives.

AECOM evaluated the costs and benefits of each design alternative to compare the environmental, social, and economic aspects of the projects. To understand potential permitting hurdles, AECOM coordinated with regulatory agencies through pre-permitting meetings at the county, state, and federal levels.

Accomplishments:

- Provided options for hardening the shoreline using nature-based flood protection to adapt to ongoing flood risks.
- Illustrated options for nature-based flood protection with varying levels of complexity and benefits to provide inspiration and ideas for a range of waterfront settings.
- Engaged local, state, and federal permitting agencies in advance to understand and avoid potential hurdles of project design criteria.

AECOM designed waterfront prototypes that provide flood protection, coastal armoring, and nature-based solutions to address ongoing flood risks.



Defense Advanced Research Projects Agency Reefense | Miami Dade County, FL

Client Owner/Address

University of Miami
4600 Rickenbacker Causeway
Miami, FL 33149

Owner's Representative

Andrew Baker, PhD
Professor and Director
Coral Reef Futures Lab
University of Miami
305.421.4642
abaker@miami.edu

Relevant to RFQ Services

Engineering
Sustainability
Nature-based Solutions
Climate Change Adaptation & Resiliency
Program Management
Environmental Permitting

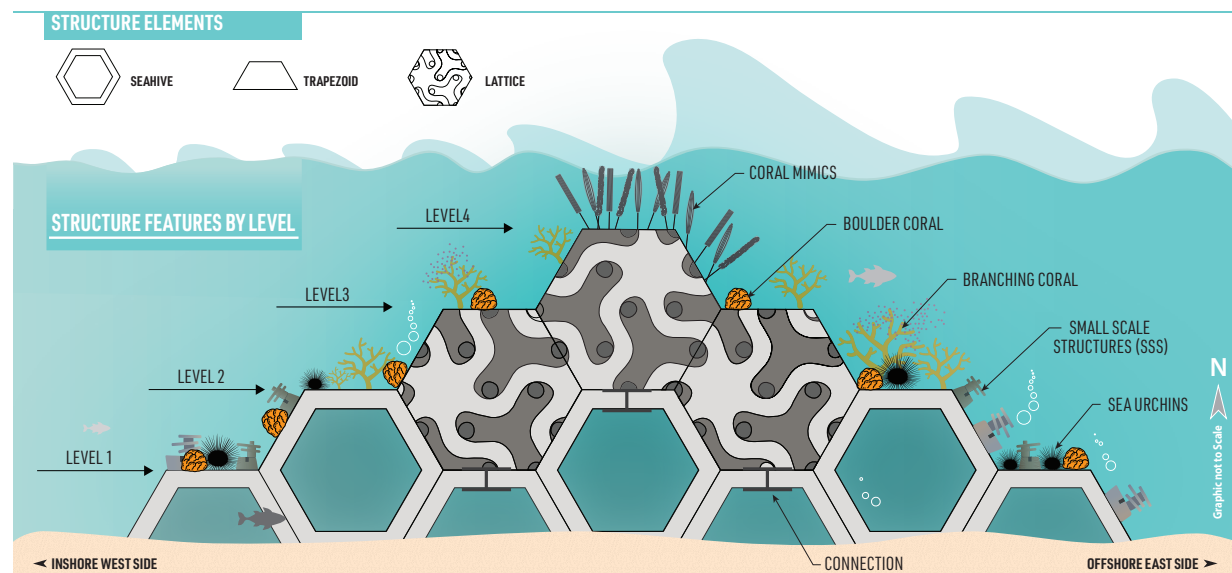
AECOM and other partners developed custom wave-attenuating base structures that promote calcareous reef organism (coral or oyster) settlement and growth, which enable the system to self-heal and keep pace with sea level rise over time. Through structural, ecological and biological design innovations, the system can also attract non-reef building organisms necessary to help maintain a healthy, growing system.

The engineering strategy leveraged innovations in materials science, hydrodynamic modeling, adaptive biology, and other factors to develop growing structures that are optimized to offer rapid and cost-effective coastal protection. The engineering design was combined with ecological and adaptive biology components (other than genetically modified organisms) that enable improved habitat resilience against disease and temperature stress, to ensure compatibility with a changing environment. The integrated design of the hybrid reefs provides immediate protection while persistently facilitating growth of calcareous organisms, leading to coastal protection mechanisms that can be rapidly enhanced in months to years by what would normally require

decades of biological structure-building, but which can be achieved in a matter of months to years.

AECOM co-led the structural and engineering design, and led the hydrodynamic modeling, site design, and structural performance optimization for shoreline protection. Specific tasks included engineering design, wave tank testing, fluid dynamics modeling at different scales (from turbulent scales to project design), local site climate characterization, nearshore wave modeling, and structural design. The project also achieved cost metrics introduced in its second phase to provide solutions below the cost of alternative submerged structures. Cost targets were achieved by improving manufacturing methods using 3D printing (1Print) technology and optimizing the design of the performance through cross sections and project layout of the reefs (e.g., alternatives of spacing and placement of reef units for cost reduction, modeling of wave energy attenuation and water circulation around the reef arrays). This required combining 3D fluid dynamics (OpenFOAM) with 2D nearshore wave models to inform the engineering design and meet the performance metrics. The project has also resulted in other innovative submerged structures for non-reef environments, including beach protection.

AECOM was the Program Manager for the Reefense strategy which includes employing recent innovations in materials science, hydrodynamic modeling, adaptive biology, and multiple effectors to develop growing structures that are optimized to rapidly implement coastal defenses suited to a changing environment.



Miami-Dade County Strategic Plan and Capital Planning Implementation | *Miami-Dade County, FL*



Client Owner/Address

Miami-Dade County
Department of Transportation and
Public Works
111 NW 1st Street, Suite 1600
Miami, FL 33128

Owner's Representative

Sean Adgerson
Deputy Director - Chief
Operations Officer
786.469.5675
sean.adgerson@miamidade.gov

Relevant to RFQ Services

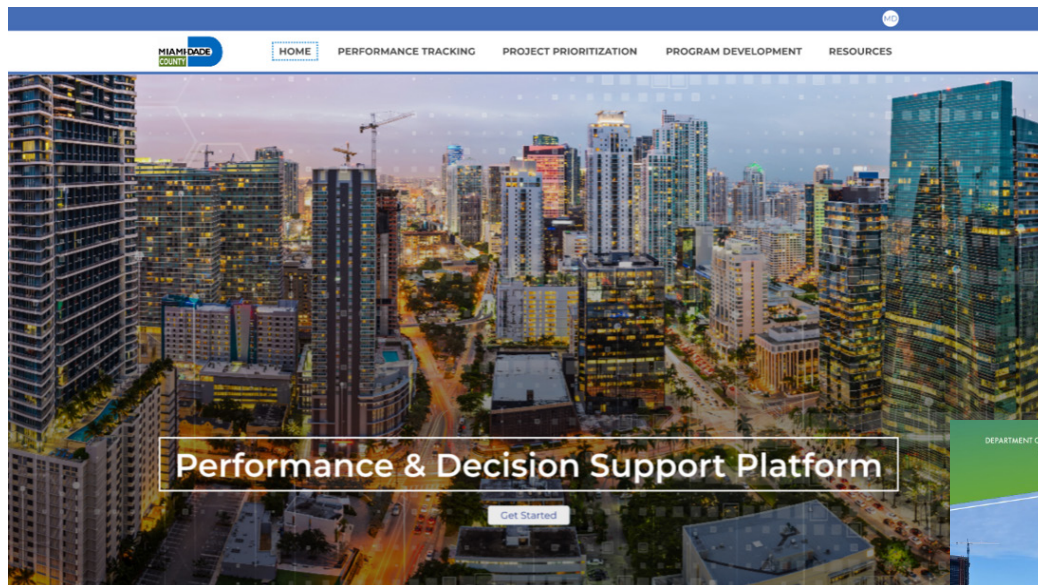
Implementation Planning
Sustainability
Stakeholder Engagement

AECOM facilitated the development of a new Strategic Plan informed by County staff input, municipal partners, mayoral initiatives, community priorities, and organizational values. Stakeholder interviews, workshops, and focus groups were conducted to lay the foundational Strategic Plan. The action-oriented strategy outlines departmental values, priorities, actions, and key performance indicators to align the agency's operational performance with their four pillars of safe, clean, efficient, and connected.

One of the goals from the Strategic Plan is to achieve Zero Emission. AECOM collaborated with the County and peer agencies in other jurisdictions to identify achievable outcomes for the Transition to Zero Emissions Strategy.

AECOM prepared a Transition to Zero Priority Roadmap for the department to use as a pitch for funding from investors, grants, and capital planning. The Strategic Plan and Transition to Zero Emissions Strategy were integrated into a digital tool. This platform helps the County evaluate performance and supports decision-making for sustainable, equitable, and organizational alignment.

The new suite of tools will improve the County's project delivery with a particular emphasis on enhanced performance, as well as social and environmental benefits. The integrated digital platform facilitates effective project delivery and organizational performance, aligning with the County's strategic priorities and funding opportunities.



AECOM is developing a new Strategic Plan, Transition to Zero Emissions Strategy, and Capital Planning Implementation, introducing a comprehensive suite of tools to enhance project delivery and maximize social and environmental benefits.

Resilient 305 | *Multiple Clients (see below)***AECOM****Client Owner/Address**

Multiple Clients including
 Cities of Miami and Miami Beach,
 Miami-Dade County,
 The Miami Foundation,
 The Rockefeller Foundation
 City of Miami, Office of
 Resilience and Sustainability
 444 SW 2nd Avenue, 2nd Floor
 Miami, FL 33130

Owner's Representative

Alissa Farina
 Project Manager
 305.809.6551
 afarina@miamigov.com

Relevant to RFQ Services

Stakeholder Engagement
 Public Outreach
 Implementation Planning
 Resilience

AECOM was selected as the Strategy Partner guiding Miami-Dade County and the Cities of Miami and Miami Beach through the 100 Resilient Cities strategy development process. Subject matter specialists from regional organizations, academia, and non-profit sectors were involved, along with an extensive resident outreach campaign.

AECOM developed surveys, interview templates, presentations, workshops, social media campaigns, and branding, transforming the Greater Miami and the Beaches into the Resilient305 program. Utilizing lessons learned from its 30+ other cities in the 100 Resilient Cities network, AECOM identified and connected relevant priorities globally. This three-year effort concluded with a Resilient305 Implementation Strategy, developed through strengthened intergovernmental collaboration and community cohesion.

After extensive internal and external engagement, the Resilient305 Strategy was released in 2019. It serves as a living roadmap for prioritizing intergovernmental and community collaboration to achieve shared goals. The Year 1 Update in 2021 highlighted progress made on the Strategy's 59 Action Items while showcasing pathways for further implementation. Continuing progress on Resilient305's vital mission and dedication to the Resilient Cities Network has led to new collaborations, including being chosen as the first community partner of the Adrienne Arsht-Rockefeller Foundation Resilience Center at the Atlantic Council.



Sustainability and Environmental Engineering Services | Metropolitan Atlanta Rapid Transit Authority (MARTA)



Client Owner/Address

MARTA
2424 Piedmont Road NE
Atlanta, GA 30324

Owner's Representative

Richard Thomas
Director of Sustainability
404.848.4424
rthomas5@itsmarta.com

Relevant to RFQ Services

Adaptation Plan Development
Implementation Planning
GHG Inventory Update

AECOM holds the Environmental Engineering Services contract for MARTA, encompassing a comprehensive range of services including environmental studies, engineering design projects, compliance and training support, environmental management system implementation, and petroleum site cleanups.

As part of this contract, AECOM provides technical support for MARTA's Sustainability Program. Specific contributions to MARTA's Office of Sustainability include:

- **Vulnerability Study.** Developed MARTA's inaugural Vulnerability Study, addressing vulnerabilities related to physical and transitional climate change, equity and environmental justice, and internal sustainability culture.
- **Climate Action and Resilience Plan.** Created MARTA's first Climate Action and Resilience Plan, establishing GHG targets and identifying key climate mitigation and adaptation actions. This included developing implementation roadmaps for the top priority actions inclusive of cost, roles/responsibilities, timelines, and more.
- **GHG Emissions Reporting.** Collected data on energy, fuel, and refrigerant consumption to generate annual GHG emission reports, including emissions from MARTA services and those displaced by providing transit services to the Atlanta region.
- **Governance Structures.** Supported the development of governance frameworks to integrate sustainability into operations through MARTA's Sustainability Management Plan and Change Management Plan.
- **Sustainability Reporting.** Authored MARTA's annual Sustainability Report, published externally since 2018, with recent iterations aligning to the Global Reporting Initiative standards and the UN Sustainable Development Goals. AECOM also has developed and submitted MARTA's past two submittals to the Carbon Disclosure Project Public Authorities questionnaire.

- **Renewable Energy Strategy.** Developed MARTA's Renewable Energy Strategy that identified potential sources, the feasibility of them within MARTA's systems, and recommendations to advance the diversification of their energy portfolio.
- **ENERGY STAR Certification.** Led the ENERGY STAR certification process for MARTA's Headquarters and is currently working on certifying another structure within MARTA's portfolio.
- **Sustainability Data Management.** Managed data on water, waste, and recycling for annual reporting through the APTA Sustainability Report.

We are currently developing additional work with MARTA including Sustainable Design Guidelines, a new UN SDG Guidance document and training, and more.

Enhancing MARTA's Sustainability Program through extensive environmental engineering services, including addressing climate vulnerabilities, advancing renewable energy strategies, and promoting sustainable practices.



Miami Forever Carbon Neutral | *City of Miami, FL***AECOM****Client Owner/Address**

City of Miami
Office of Resilience and Sustainability
444 SW 2nd Avenue, 2nd Floor
Miami, FL 33130

Owner's Representative

Alissa Farina
Project Manager
305.809.6551
afarina@miamigov.com

Relevant to RFQ Services

GHG Inventory
Adaptation Plan Development
Implementation Planning

This Task Order was performed under the City of Miami Master Service Agreement. As a C40 City, Miami is aiming to reach carbon neutrality by 2050. AECOM identified a pathway to meet its carbon neutrality goal, promoted and developed its green economy, and developed their Climate Action Plan. The C40 Pathways tool was used to analyze the City of Miami's GHG emissions, forecast future emissions, and generate multiple emissions reduction scenarios.

AECOM helped the City identify and develop emissions forecasting indicators and quantify existing and planned GHG reduction measures. Using this information, AECOM used Pathways to develop three different emissions reduction scenarios: business as usual, existing and planned, and ambitious. AECOM helped the City identify the appropriate scenario for reaching their carbon neutrality goal that includes steep emissions reductions by 2035 to align with the C40 Deadline 2020 framework.

To understand the impact of the CAP on the local economy and workforce and to help prepare Miami's economy and workforce for a carbon neutral future, AECOM performed a green economy and green jobs analysis to inform policies and actions that the City of Miami could pursue to harness its carbon neutrality agenda as an economic boom.

AECOM developed a Carbon Neutrality Plan as a roadmap for the City to achieve carbon neutrality by 2050 in the community, strengthen the local economy, and enhance climate justice. The plan's primary focus is to directly reduce the source of GHG emissions to get as close to zero emissions as possible.



Everglades Holiday Park | Broward County, FL**Client Owner/Address**

Broward County
Broward County Parks and
Recreation Division
Administrative Offices
950 Northwest 38th Street
Oakland Park, FL 33309
954.357.8100, ext. 0

Owner's Representative

Dan West, Director
Parks and Recreation Division
954.357.8106
dwest@broward.org

Relevant to RFQ Services

Sustainability
Environmental Permitting
Community Engagement
Program Management
Water Management

KEITH assisted Broward County in redeveloping a project involving a \$12,000,000 expansion and site improvements of this 43-acre county park that serves millions of visitors each year. The site is located at the junction of two SFWMD canals and is part of SFWMD water conservation areas 3A and 3B. The project also included LEED "Green" design principles. KEITH provided civil engineering, planning, landscape architecture, SUE, and construction program management services. The KEITH Team assisted Broward County with public outreach, conceptual design, permitting, and construction phase services associated with a two-phase development. Permitting was a challenge, as the park is located within the Florida Everglades and spans flood protection levees under the jurisdiction of the USACE and the SFWMD.

Through constant coordination with Broward County and the concessionaire, the design and construction team were able to satisfy the needs of all stakeholders. The park was kept open throughout the construction process by constructing the project in two phases, with the first phase being used for the park users when the contractor moved into Phase 2 of construction. The project had two main goals: to renovate and rehabilitate the park program elements and to allow the community safe and continuous access to the park; these goals were met with distinct and celebrated success. In 2022, Everglades Holiday Park was named as the Trip Advisors Traveler's Choice award, as well as the Florida American Council of Engineering Companies Engineering Excellence award and the American Society of Civil Engineers Broward Project of the Year.

**KEITH renovated
Everglades Holiday Park
to enhance access and
increase public safety
with the flood protection
district.**



Carbon Neutral Strategy | Siemens Energy**Client Owner/Address**

Siemens Energy
4400 North Alafaya Trail
Orlando, FL 32826

Owner's Representative

Dean Harris
Real Estate, Hub Operations
407.280.4009
harris.timothy@siemens-energy.com

Relevant to RFQ Services

Strategy Development
(Clean Energy)
Solar Energy and Battery Storage
Energy Efficiency and
Weatherization

Siemens Energy's real estate portfolio includes 121 facilities, and AECOM is providing property condition and sustainability assessments of these facilities. Scope includes developing a Decarbonization Roadmap for energy assessment recommendations, building condition assessments, development of an Energy Management Strategy to meet 2030 Net Zero Emissions, building certification (i.e., Leadership in Energy and Environmental Design, Building Research Establishment Environmental Assessment Method and Wellness Building Standards) and by conducting a gap analysis and supporting building certification. AECOM provided the following services:

- Detailed Facility Condition Assessments (FCAs) to inventory assets and evaluate and document building and site conditions
- Use outputs and observations from site visits to determine steps to achieve Siemens Energy's Decarbonization goals

- Desktop studies for Sustainability and healthier work conditions using FCA data gathered in the field
- Develop on-line reports and digital dashboards for Siemens staff use

Client benefits include:

- Deploy passive energy-efficiency strategies to leverage the capabilities of the building envelope and drive down energy demand
- Integrate renewable and low carbon technologies, waste heat recovery and energy storage within the build
- Recognize that occupant interaction with the building is critical to achieving net zero status in operation

AECOM collaborates with Siemens on a comprehensive decarbonization roadmap project aimed at advancing sustainable energy management and operational efficiency. This initiative uses Preliminary Condition Assessments (PCAs) and energy assessments to identify opportunities for energy savings and decarbonization.





5

References



AECOM believes in a business philosophy that repeat clients are achieved by providing exceptional services that exceed expectations. We have been re-selected by our municipal, state, and federal clients for on-call sustainability consulting services. The most effective measure of performance is what our customers say about us. AECOM invites the City to contact our references for whom we are currently providing or have recently provided similar services.

City of Miami

Under the Master Services Agreement, AECOM has provided the following relevant services: Carbon Neutrality Plans, GHG Inventory, Vulnerability Assessment, Waterfront Resilience Design, and Green Economy Analysis.

Alissa Farina, Project Manager
afarina@miamigov.com | 305.809.6551

University of Miami

AECOM continues to act as a program manager for University of Miami, providing project management, permitting, engineering, and subcontractor coordination for nature based solution projects focused on wave attenuation and ecosystem restoration.

Dr. Andrew Baker, Director Coral Reef Futures Lab
abaker@miami.edu | 305.421.4642

South Florida Water Management District

Under a general services agreement, AECOM provides services project lifecycle services for water management such as H&H modeling, planning, engineering, design, permitting and construction oversight.

Alexis San Miguel, PE | Section Leader
asanmigu@sfwmd.gov | 561.662.2278

City of Pompano Project List

AECOM provided Environmental Permitting at Wahoo Bay as a subconsultant to 1Print.

KEITH is providing general engineering services to the City of Pompano on an as needed basis, relevant projects include:

- Municipal Reclaimed Water Main Design
- Force Main Replacement Design
- Pompano Beach Branch Library Renovations
- Municipal Golf Course
- Pier renovations
- Southeast 8th Court Bridge Replacement
- Reuse Water Main Distribution System
- Northeast 4th Street Reuse Water Line Expansion
- Condition Assessments for Various City-owned Buildings and Facilities
- Pompano Beach Boulevard Water Main Design Site Plan and Permitting Services
- GO Bond Park Projects

KEITH provides general surveying and mapping services on an as needed basis, relevant projects include:

- South Cypress Road and Southeast 15th Court Intersection Design Survey
- Southeast 13th Street Force Main Design Survey
- State Road A1A Survey and SUE Services from Hillsboro Boulevard to Terra Mar Drive
- Emergency Generators Design Survey for City Hall and Public Safety Building
- Santa Barbara Reuse Water Line Expansion Topographic Survey
- North Riverside Drive Directional Drill Survey and SUE Services

A woman with long brown hair, wearing a white shirt and a dark green vest, is crouching in a lush green forest. She is holding a pen and writing in a small notebook. The background is filled with tall trees and dense foliage, creating a serene and natural setting. A semi-transparent green circle is overlaid on the image, containing the number 6 and the text 'Project Team Form'.

6

**Project Team
Form**

PROJECT TEAM

COMPLETE THE PROJECT TEAM FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE THE FORM IN ITS ENTIRETY AND INCLUDE THE FORM IN THEIR PROPOSAL, WHICH MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

RFQ # 25-037 Name: AECOM Technical Services, Inc.

Federal I.D.# 95-266-1922

PRIME

Role	Name of Individual Assigned to Project	Number of Years' Experience	Education, Degrees
Principal-In-Charge	Keith Stannard	26	BS, Biology
Project Manager	Lauren Swan	19	MBA, Landscape Architecture BA, Urban Planning
Asst. Project Manager	Laura Cherney	25	MBA, Business Administration BSc, Environmental Science
Other Key Member – Advisor	Christine Angelini	16	PhD, Biology BS, Marine Biology
Other Key Member – Adaptation Plan Development Lead	Erica Harris	12	MS, Oceanography BS, GIS & Spatial Analysis
Other Key Member – Implementation Planning Lead	Claire Still	13	MPH, Public Health BS, Geology
Other Key Member – CRS Watershed Management Plan Lead	Shelly Brooks	21	BS, Civil Engineering
Other Key Member – Water Audits Lead	Tonya Simmons	32	MS, Civil Engineering BS, Civil Engineering
Other Key Member – Energy Audits Lead	Angel Flores	18	BS, Mechanical Engineering
Other Key Member – GHG Inventory Update Lead	Laura Cloninger	14	BS, Environmental Technology and Management

SUB-CONSULTANT

Role	Company/Firm Name and Address Office Handling the Project	Name of Individual Assigned to the Project
Other Key Member - Urban Forestry Plan Lead	KEITH / 301 East Atlantic Boulevard, Pompano Beach, Florida 33060	Kelly Schueler
Other Key Member - CRS Watershed Management Plan Support	KEITH / 301 East Atlantic Boulevard, Pompano Beach, Florida 33060	Omar Rodriguez
Other Key Member - Adaptation Plan Support	1Print / 1385 Hammonville Road, Pompano Beach, Florida 33064	Adam Friedman
Other Key Member - Implementation Planning Support	1Print / 1385 Hammonville Road, Pompano Beach, Florida 3306	Fredrik Wannius

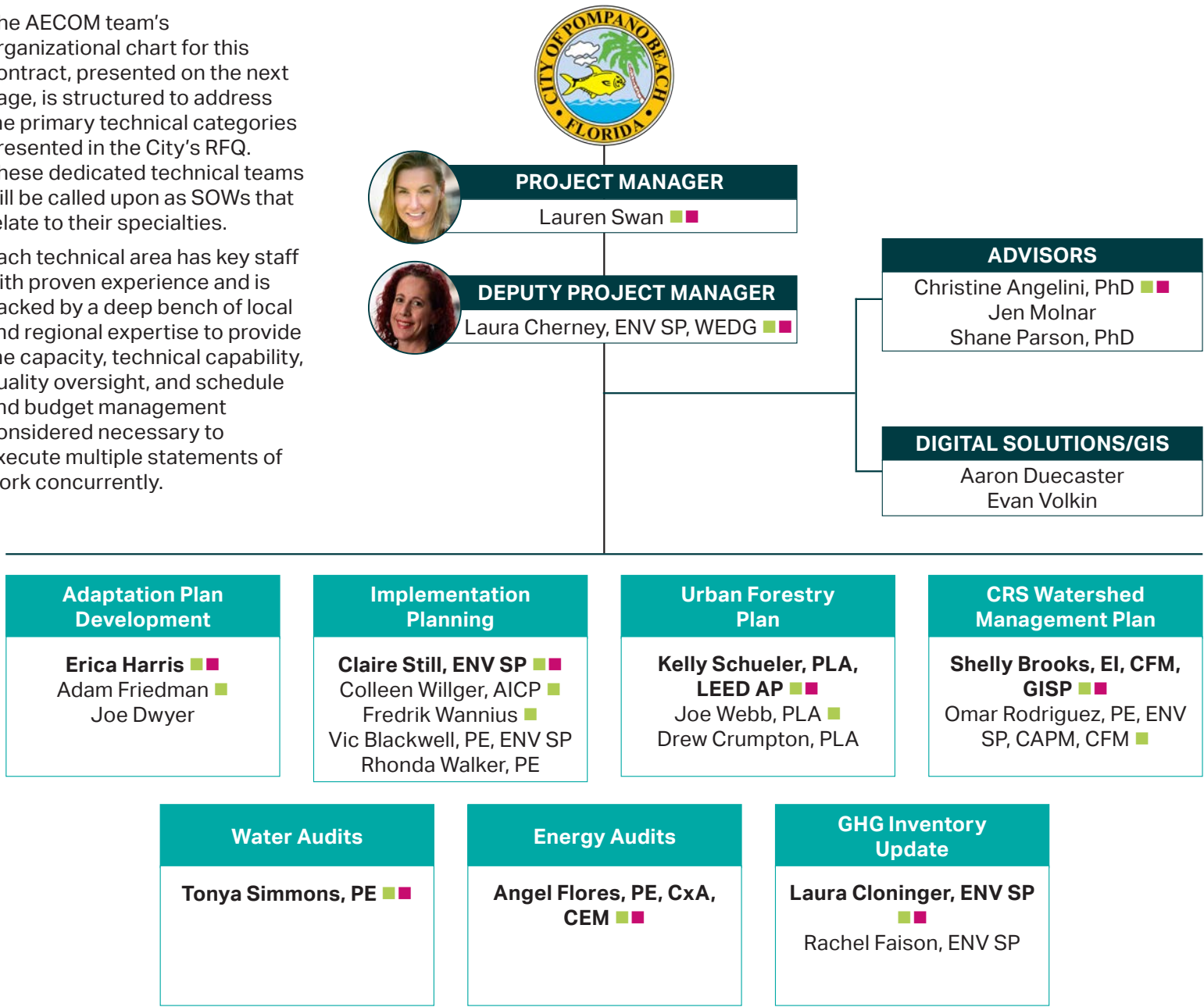


7

Organization Chart

The AECOM team’s organizational chart for this contract, presented on the next page, is structured to address the primary technical categories presented in the City’s RFQ. These dedicated technical teams will be called upon as SOWs that relate to their specialties.

Each technical area has key staff with proven experience and is backed by a deep bench of local and regional expertise to provide the capacity, technical capability, quality oversight, and schedule and budget management considered necessary to execute multiple statements of work concurrently.



“Lauren has been an invaluable asset to Resilient305. During strategy development she drove the process forward in a collaborative way, juggling multiple voices and interests, demonstrating strong stakeholder management skills. Through her deep understanding of overall resiliency, the project was able to move at a consistent and steady pace towards completion. Her commitment to detail resulted in a comprehensive, accurate and thoughtfully designed end product. Swan’s work has made her an unofficial member of the R305 PIVOT team.”

Loren Parra, Chief Resilience Officer, Miami-Dade County Office of the Mayor (former Director of Public Affairs, The Miami Foundation)



8

**Statement of Skills
and Experience of
Project Team**

Key Labor Category Experience Matrix

Personnel Role	Education Registrations/ Certifications	Relevant Experience	Years of Experience	Adaptation Plan Development	Implementation Planning	Urban Forestry Plan	CRS Watershed Management Plan	Water Audit at Selected City Facilities	Energy Audits at Selected City Facilities	GHG Inventory Update
AECOM Technical Services, Inc.										
Lauren Swan Project Manager	BA MLA	Lauren is a Vice President and Director of Resilience and Sustainability at AECOM. She is part of the global team responsible for developing and progressing AECOM's Global Sustainable Legacies Strategy, which aims to achieve carbon neutrality, social equity, and economic prosperity across its operations and projects. She leverages her skills in project management, design, and strategic planning to bring together technical specialists, community stakeholders, and public officials to collaborate and develop cohesive solutions to multi-faceted problems.	19	●	●					
Laura Cherney Assistant Project Manager	MBA, BS WEDG ENV SP	Laura is a Florida-based Senior Ecologist and a Certified AECOM Project Manager specializing in marine and terrestrial wetland ecology, threatened and endangered species surveys, ecological studies and compliance with U.S. state and federal regulations. She is skilled at managing projects, multidisciplinary teams, accelerated schedules, subconsultants, and project budgets. She has a broad background in strategic planning and logistics. She has conducted government, corporate, non-profit, and executive-level negotiations and has solid working relationships with clients and agency representatives.	25	●	●	●				
Christine Angelini Advisor	PhD, BS	Christine is a Florida-based ecologist, leading research and technology innovation projects focused on coastal restoration, estuarine management, and ecological engineering. She has extensive knowledge of coastal wetland, beach-dune, and oyster reef ecosystems along the U.S. Atlantic Coast, having specialized in assessments of their condition and functioning and in innovating restoration and management solutions.	16	●			●			
Erica Harris Adaptation Plan Development Lead	MS, BS WEDG	Erica serves as AECOM's Climate Resilience Lead in Florida, leading innovative solutions to address climate adaptation, risk mitigation and sustainable infrastructure across the state. She also supports resilience initiatives in other geographies across the country, bringing a broad range of experience from diverse environments and challenges. With expertise in regional planning, stakeholder and public engagement, and the integration of climate science into infrastructure solutions, Erica promotes strategic, data-driven approaches that enhance community resilience.	12	●	●					

Key Labor Category Experience Matrix

Personnel Role	Education Registrations/ Certifications	Relevant Experience	Years of Experience	Adaptation Plan Development	Implementation Planning	Urban Forestry Plan	CRS Watershed Management Plan	Water Audit at Selected City Facilities	Energy Audits at Selected City Facilities	GHG Inventory Update
Joe Dwyer Adaptation Plan Development Support	MA, BS	Joe is a Climate Resilience Planner. He can provide expertise with resilience and adaptation planning, climate science communication, public engagement and outreach, and GIS analysis. His experience includes conducting climate hazard vulnerability assessments, developing community-focused adaptation plans, and managing large, spatial datasets to create public-focused mapping products. In his roles, he has overseen the consistent delivery of high-quality outputs that assist communities plan and prepare for evolving hazard conditions across the eastern U.S., including numerous Florida municipalities.	6	●	●					
Claire Still Implementation Planning Lead	MPH, BS ENV SP	Claire is the Social Value and Climate Lead for U.S. East and Latin America. She has in environmental justice, demographic analysis, public health, climate change vulnerability and adaptation, GHG emissions analysis, resource usage reduction, and sustainability reporting. In her current role, she leads a team of experts who work with clients to develop and implement strategies that incorporate climate and community sustainability principles into projects and programs.	13		●					●
Colleen Willger Implementation Planning Key Member	MCRP, BS AICP	Colleen is the Director of Urban Strategy in the Global Center of Excellence for Urban Analytics at AECOM. Colleen helps formalize how data-driven planning and technology influence capital programs and private investment in sustainability, resiliency, and equity. Over the past two decades, Colleen has led and managed change initiatives including comprehensive and place-based planning, community engagement, and research analysis to advance equity, economic vitality, and community vibrancy in diverse communities.	19		●					
Rhonda Walker Implementation Planning Key Member	BS PE	Rhonda Walker has 25 years of experience in disaster recovery, federal compliance, project development, planning, civil and environmental engineering, program management, project management, contracts, and budget control systems. Her 15 years with FEMA's PA Program include deployments working with both Applicants and FEMA, as a Program Delivery Manager, (PDMG) PA Crew Leader, 406 Hazard Mitigation Specialist/Manager, Sr. Cost Estimator, and on project closeout. Rhonda has supervised Disaster Recovery divisions/groups with over 50 people while managing more than \$2B in damage. Her experience with PA project development includes light to heavy horizontal projects such as roads, bridges, infrastructure, and marinas, as well as light to heavy vertical projects such as wastewater treatment facilities, water treatment facilities, schools, universities, hospitals, and government facilities.	26		●		●			

Key Labor Category Experience Matrix

Personnel Role	Education Registrations/ Certifications	Relevant Experience	Years of Experience	Adaptation Plan Development	Implementation Planning	Urban Forestry Plan	CRS Watershed Management Plan	Water Audit at Selected City Facilities	Energy Audits at Selected City Facilities	GHG Inventory Update
Joe Webb Urban Forestry Plan Key Member	BS PLA	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.	33			●				
Drew Crumpton Urban Forestry Plan Support	MLA, BS PLA	Drew is a landscape designer and park planner providing support for projects serving public agencies nationwide. He has been involved throughout the planning and design process, including demographic analysis, graphic visualizations, and public involvement, such as workshops, focus groups, and public presentations. He specializes in parks and recreation system master plans and transportation projects, providing an understanding of the value of thorough analysis, inclusive participation, clear and concise presentation, and collaborative team environments.	7		●	●				
Isaiah Mosley Urban Forestry Plan Support	BS Certified Arborist	Isaiah is a Florida biologist and ISA Certified Arborist that regularly performs ecological and wildlife assessments. Prior to joining AECOM, 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. His experience spans project implementation and compliance including wetland delineations, benthic assessments, protected species, environmental permitting, marine mammal surveys, and plant identification.	17			●				
Shelly Brooks CRS Watershed Management Plan Lead	BS GIS	Shelly has expertise in water resources and GIS, including stormwater management, watershed management, and land development permitting. Her project experience includes watershed modeling and stormwater design for the public and private sectors.	21				●			
Tonya Simmons, PE Water Audits Lead	PE	Tonya is experienced in water-resources engineering and utility management consulting. Her utility management experience includes asset management – inventory development, condition assessment, and renewal/replacement programming; and the development/implementation of related electronic systems. Her water-resources management experience includes source and finished water supply planning, water demand, and wastewater collection system.	32					●		

Key Labor Category Experience Matrix

Personnel Role	Education Registrations/ Certifications	Relevant Experience	Years of Experience	Adaptation Plan Development	Implementation Planning	Urban Forestry Plan	CRS Watershed Management Plan	Water Audit at Selected City Facilities	Energy Audits at Selected City Facilities	GHG Inventory Update
Angel Flores Energy Audits Lead	BS PE, LEED	Angel serves as one of AECOM's High-Performance Buildings leads for the east region. His experience includes design for mechanical systems for federal, hospitality, and commercial projects. His responsibilities include project management, energy analysis with life cycle costing, HVAC design, plumbing, compressed air systems, central plant heating and cooling distribution systems, along with applications requiring acoustical considerations.	18					●	●	
Laura Cloninger GHG Inventory Update Lead	BS ENV SP	Laura is a climate mitigation and sustainability project manager supporting clients with a wide range of sustainability services, including sustainability planning and reporting, greenhouse gas emissions accounting and modeling, carbon reduction and net zero strategy.	14					●		●
Rachel Faison GHG Inventory Update Support	MS, BS ENV SP	Rachel Faison works as a Sustainability Consultant within the ESG and EHS Management Services team. In her role, she leads tasks and offers technical assistance on environmental and sustainability initiatives for a diverse clientele, spanning municipalities, pulp and paper industries, federal institutions, manufacturing facilities, natural gas distributors, and landfills. Her expertise encompasses the compilation of Greenhouse Gas emissions inventories, development of sustainability strategies and reports, and enhancing climate resilience.	12							●
Jen Molnar Advisor	MS, BS PE ENV SP	Jen is a Nature-Based Solutions Leader for Climate Adaptation at AECOM. Jen uses science, engineering, and economics to inform decision-making that improves the outcome for nature, climate, and communities. Jen built The Nature Conservancy's technical capacity and provided technical and strategic leadership for science-based collaborations with companies to shift to sustainable practices and business models to improve outcomes for nature and climate.	27	●			●			
Shane Parson Advisor	PHD, MS, BS PE	Shane is a Climate Adaptation Lead within AECOM. He provides technical leadership to local, state, and federal clients finding solutions for their tough climate questions. His expertise includes benefit cost analysis, climate change modeling and planning, risk assessment modeling, hazard mitigation grants and plans, and desktop and cloud-based natural hazard simulations.	35	●			●			

Key Labor Category Experience Matrix

Personnel Role	Education Registrations/ Certifications	Relevant Experience	Years of Experience	Adaptation Plan Development	Implementation Planning	Urban Forestry Plan	CRS Watershed Management Plan	Water Audit at Selected City Facilities	Energy Audits at Selected City Facilities	GHG Inventory Update
Aaron Duecaster Digital Solutions/GIS Support	MS, BS	Aaron has experience as a GIS analyst, remote sensing scientist, and in coastal habitat management for the purpose of establishing and achieving resilience goals. His technical skills include GIS mapping production and model development, data management and control, risk assessments, web application development, aerial image analysis, machine learning classification and regression, and geostatistical analysis.	5			●				
Evan Volkin Digital Solutions/GIS Support	BS	Evan is a Data Analytics Consultant for AECOM's Technical Advisory Americas who helps define, shape, and execute advisory strategies by conducting analyses; uncovering market insights and strategies; and crafting reports, dashboards, and visualizations. Evan works throughout the region supporting project teams and other initiatives with data science and visualization techniques.	2	●	●					●
Keith & Associates, Inc.										
Kelli Schueler Urban Forestry Plan Lead	PLA, LEED AP	Kelli is an experienced landscape architect and dedicated project manager, she provides planning, design and project management services for a wide variety of project types through the phases of the development process. Her knowledge of the local environment, innovative technologies and sustainable best practices is combined with a creative approach that is providing designs are implemented both efficiently and accurately.	19		●	●				
Paul Weinberg Urban Forestry Key Member	PLA	Paul is a multi-talented designer and team leader. He has worked with a variety of public and private sector projects including urban parks, hotels, campuses, plazas, mixed-use development, entertainment districts, streetscapes, waterfront and residential projects that provide meaning and purpose to the community. He has a unique understanding of how to create immersive, authentic and memorable spaces that create place identity to bring vitality to each district.	25			●				
Omar Rodriguez CRS Watershed Management Plan Support Key Member	PE, ENV SP, CAPM, CFM	Omar is an engineering professional specializing in Hydrology and Hydraulic Modeling and Water Resources engineering. Heavily involved in Floodplain Management, Urban Drainage, and Climate Adaptation. Gaining experience in water resources and civil engineering design projects including water, sewer, drainage systems, stormwater master plans, and flood mapping as well as County and State-Wide permitting.	6				●			

Key Labor Category Experience Matrix

Personnel Role	Education Registrations/ Certifications	Relevant Experience	Years of Experience	Adaptation Plan Development	Implementation Planning	Urban Forestry Plan	CRS Watershed Management Plan	Water Audit at Selected City Facilities	Energy Audits at Selected City Facilities	GHG Inventory Update
1 Print LLC										
Adam Friedman Adaptation Plan Key Member	BS	Adam is a recognized leader in advanced construction technology and digital manufacturing, with a strong background in 3D printing, sustainable and green-gray marine infrastructure, mechanical systems, and defense-related infrastructure innovations. As Co-Founder of 1Print, he oversees the projects, design, production, and deployment of modular concrete systems for coastal protection, military, and water systems. His expertise spans additive manufacturing and project execution across complex public-private partnerships involving DoD, DOE, DOT, and academic institutions.	14		●					
Fredrik Wannius Implementation Planning Key Member	MS, BS	Fredrik is an experienced global executive and commercial strategist, known for scaling product-based ventures and advancing market adoption of breakthrough technologies. As Co-Founder of 1Print, Fredrik leads external partnerships, commercialization, and customer acquisition for modular 3D-printed systems used in coastal resilience, biophilic seawalls and artificial reefs, housing, water infrastructure, and military projects.	20		●					





9

Resumes of Key Personnel

Lauren Swan | Project Manager



Lauren is a Vice President and Director of Resilience and Sustainable Development, where she aligns and progresses AECOM's Global ESG Strategy. With over 19 years' experience, she is passionate about helping communities adapt to changing conditions and creating sustainable legacies for future generations. She leads a team of experts who work with clients to develop and implement strategies that incorporate climate and community sustainability principles into projects and programs.

VALUE TO THE CITY. Leverages her skills in project management, design, and strategic planning to bring together technical specialists, community stakeholders, and public officials to collaborate and develop cohesive solutions to multi-faceted problems.

KEY SKILLS

Strategic Planning
Project Management
Climate Resilience
Community Collaboration
Sustainable Development
Urban Planning
Adaptation Strategies

EDUCATION

MBA, Landscape Architecture, 2010
BA, Urban Planning, 2007

YEARS OF EXPERIENCE

19 total | 11 with AECOM

CERTIFICATIONS

AECOM Certified Project Manager
AECOM Lead Verifier: Resilience & Adaptation to Climate Change

SELECT PROJECT EXPERIENCE

Confidential, North America, Natural Hazard Mitigation Toolkit, North America. Project manager responsible for development of a Natural Hazards Mitigation Toolkit to help prioritize mitigation strategies and actions based on facility typology, hazard type, and associated cost.

AECOM Technical Services, Inc, AECOM Internal Net Zero Strategy, Global. Project Manager responsible for development of Americas-wide Net Zero Roadmap to reduce Scope 1, 2, and 3 emissions. This includes oversight of reporting data and performance of fleet conversions, real estate decisions, and procurement processes.

City of Miami, Miami Climate Action Plan, Miami, FL. Project manager leading development of a greenhouse gas mitigation plan and supporting green economy analysis. 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.

Greater Miami and the Beaches Resilient305, Miami-Dade County, Cities of Miami and Miami Beach, FL. Project Manager responsible for providing technical expertise, guiding extensive stakeholder engagement, branding, and funding alignment to for development of a three-government Resilient305 Strategy to address issues of climate change, social equity, and infrastructure-based needs.

Miami-Dade County Department of Transportation and Public Works, Florida Strategic Planning Support, Miami-Dade County, FL. Project manager responsible for development strategic plan, action agenda, ESG Framework, and capital planning tool that includes environmental and social vulnerability considerations in transportation capital planning and monitoring. The platform supports Miami-Dade County's strategic planning efforts, communications, and process management to better meet residents' mobility needs.

The Miami Foundation, Resilient305 Website, Miami-Dade County, FL. Project manager and technical lead responsible for working with the three governments and The Miami Foundation to redevelop the Resilient305 website to reflect action implementation progress and Resilient305 partnerships.

Urban Land Institute, Palm Beach, Broward, Miami-Dade, Monroe Counties, Southeast Florida Business Case Analysis, Southeast Florida. Engagement lead partnering with the Tampa Bay Regional Planning Council analyzing the regional economic impact of sea level rise and coastal flooding, as well as potential economic opportunities associated with investments in resilience infrastructure for Citrus, Hernando, Hillsborough, Manatee, Pasco, and Pinellas Counties.

Lauren Swan, Continued

University of Miami, Defense Advanced Research Projects Agency (DARPA), U.S. Department of Defense, Reefense Program, X-REEFS, DARPA Reefense, Confidential Site. Technology Transfer task lead for the X-REEFS team under DARPA's Reefense program that seeks to develop a hybrid engineered and biological reef as a wave-attenuating mitigation solution to coastal flooding and storm surge.

Tampa Bay Regional Planning Council, MacDill Air Force Base Military Installation Resiliency Review, MacDill AFB, FL. Project manager for a multi-disciplinary team in the identification of various vulnerabilities affecting military readiness for four Navy installations. Guided all aspects of technical analysis, including impacts from tidal flooding and sea level rise on transportation, critical community facilities, and utilities that the military relies upon outside the fence line. Led technical and policy committee reviews, public outreach, and development of evaluation criteria and strategies for joint projects.

Electric Power Research Institute, EPRI Solar Facilities Design Guidance, North America. Technical subject matter specialist, editor, and coordinator responsible for outlining and coordinating authorship of guidance on the planning, engineering design, permitting, and construction of solar facilities on closed coal combustion residual sites.

Tampa Bay Partnership, Brizaga, Tampa Bay Business Case for Resilience, Tampa Bay Region, FL. Engagement lead partnering with the Tampa Bay Regional Planning Council analyzing the regional economic impact of sea level rise and coastal flooding, as well as potential economic opportunities associated with investments in resilience infrastructure for Citrus, Hernando, Hillsborough, Manatee, Pasco, and Pinellas Counties.

Florida Department of Transportation, District 6, Resilience Services, FL, Miami, FL. Task manager and lead contributor developing a resiliency strategy for FDOT's District 6 focused on embedding resiliency in project delivery, standardizing resilience terms and procedures, outlining best practices, and guiding an approach for vulnerability assessments for the district. Additional resiliency support was provided for two Coastal Storm Risk Management studies with the U.S. Army Corps of Engineers to align FDOT goals with ongoing transportation projects and climate-change goals for the district.

City of Miami Beach Flood Mitigation & Resilience Study, Miami Beach, FL. 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.

City of Coral Gables Park Design Services, Coral Gables, FL. Deputy project manager leading site planning, hard and softscape design, public outreach, and construction administration services for multiple parks in the City under a Park Planning Master Services Contract. Notable projects include Alhambra, Maggiore, Kingsbay parks.

Laura Cherney, ENV SP, WEDG | Deputy Project Manager



Laura is a Senior Ecologist and a Certified AECOM Project Manager based in the Miami, FL office. Laura has more than 25 years of extensive experience with marine and terrestrial wetland ecology, threatened and endangered species surveys, ecological studies; compliance with the National Environmental Policy Act (NEPA), and environmental resource permitting on projects ranging from large-scale transportation projects to habitat restoration projects.

VALUE TO THE CITY. In-depth knowledge of federal, state, and local environmental laws and federal regulations including NEPA, Endangered Species Act (ESA), Clean Water Act, Coastal Zone Management Act, Magnuson–Stevens Fishery Conservation and Management Act, Marine Mammal Protection Act, and Robert T. Stafford Disaster Relief and Emergency Assistance Act.

KEY SKILLS

Wetland Ecology
Species Surveys
NEPA Compliance
Environmental Permitting
Project Management

EDUCATION

MBA, Business Administration, 2011
BSc, Environmental Science, 1998

YEARS OF EXPERIENCE

25 total | 10 with AECOM

CERTIFICATIONS

Envision Sustainability Professional
WEDG Associate
AECOM Lead Verifier: Environmental
Impact Assessment
AECOM Certified Project Manager

SELECT PROJECT EXPERIENCE

Defense Advanced Research Projects Agency (DARPA), U.S. Department of Defense (DoD), Reefense Program, Miami, FL. Project Manager for a \$21M University of Miami-led research and development team awarded under DARPA's Reefense program that seeks to develop a hybrid engineered/biological reef-like structure as a wave-attenuating mitigation solution to coastal flooding and storm surge. The structures will be designed to adapt to sea level rise and increasing ocean temperatures over time. Coordinates project schedule, milestones, and deliverables across 11 different research organizations, 27 Principal Investigators (PIs), and leads monthly technical and financial reporting to DARPA. Coordinates multiple AECOM teams for engineering development of construction drawings and coordinating deployment including environmental permitting with federal and state regulatory agencies. The Reefense program seeks to deploy similar structures throughout the region

Florida Department of Transportation, District 6, Districtwide Resilience Support, Miami-Dade and Monroe Counties, FL. Task order lead to provide resilience support on an as-needed basis to FDOT D6 for ongoing and future transportation planning efforts and roadway improvement projects, including development of a Districtwide Resilience Guide as well as several Coastal Storm Risk Management (CSRM) studies being conducted by the U.S. Army Corps of Engineers (USACE) in the South Florida Region including the Florida Keys.

Confidential High-tech Client, Environmental

Regulatory Assessments, U.S. Project manager for a national program to assist with the preliminary stages of site selection and due diligence activities for proposed sites located throughout the U.S. Conduct high-level desktop analyses utilizing existing publicly accessible databases and professional experience to identify any site constraints and/or regulatory concerns. Site constraints analysis consider a variety of resources – biological (protected species and habitat), water (wetlands, jurisdictional waters of the US, floodplains), and cultural (above and below ground) – as well as preliminary information about local regulations and the general timing and requirements for each. Manage multidisciplinary teams throughout U.S. to provide quality client deliverables in an expedited timeline.

U.S. Agency for Global Media, Office of Cuba Broadcasting (OCB), Assessment for Site Flooding and Shoreline Erosion at Radio Transmission Site, Marathon and Florida Keys, FL. Lead senior ecologist to evaluate the extent of flooding and shoreline erosion at a radio communications. The Final engineering report provided recommendations and identified environmental issues associated with several options to mitigate shoreline erosion and enhance coastal resiliency against future sea level rise. Subsequent work anticipates implementing one or more of the recommended alternatives to adapt to climate change while considering surrounding mangroves and other sensitive habitats.

Laura Cherney, ENV SP, WEDG, Continued

City of Provo, Hazard Mitigation Project, Provo, UT. Lead NEPA specialist to support Provo's water supply project to address the threat of drought. The Aquifer Storage Recharge (ASR) project will use excess water from the Provo River to recharge the Provo Aquifer. A portion of the drought mitigation project funding includes an award under FEMA's Building Resilient Infrastructure and Communities (BRIC) competitive grant program.

Georgia Ports Authority (GPA), Colonels Island Terminal (CIT) Flood Mitigation Project, Brunswick, GA. Lead NEPA specialist for mitigation project to reduce losses from coastal flooding and storm surge at the CIT, one of three terminals located at GPA's deepwater Port of Brunswick, the nation's second busiest port for import/export of automobile cargo. NEPA compliance ensured eligibility for FEMA hazard mitigation funding following \$245M in damages from Hurricane Matthew.

Seminole Tribe of Florida, Advanced Mitigation Area Phase 2, Brighton Reservation, Glades County, FL. Project manager for the development of an 880-acre freshwater wetland mitigation area at the Seminole Tribe's Brighton Reservation. Wetland mitigation credits will be used by the Tribe to provide compensation for wetland impacts resulting from future development. Hydrologic and hydrodynamic modeling analysis simulated the conditions pre and post implementation. Following exotic vegetation control and prescribed burns completed in Phase 1, Phase 2 includes engineering design of hydrologic improvements (earthwork to remove hydrologic barriers, installation of control structures and seepage pumps to redirect flows) and associated environmental permitting.

Florida Fish and Wildlife Conservation Commission (FWC), New River High School Living Shoreline Project, Broward County, FL. Project manager in support of conducting a topographic survey, soil and sediment sampling, and wetland delineation for the future development of the living shoreline. The ecological restoration project site contained an armored shoreline that was identified by FWC as having restoration potential.

National Park Service (NPS), Big Cypress National Preserve, FL, Backcountry Access Plan/ Environmental Impact Statement (EIS).

Deputy project manager and lead ecologist that facilitated public scoping meetings and served as lead technical writer to support the preparation of an EIS for public review and approval by NPS. The project developed a backcountry access plan for the 729,000-acre Big Cypress National Preserve that provides management guidelines for backcountry access and use, while protecting the Preserve's natural and cultural resources, while providing for public enjoyment. The analysis focused on off-road vehicle trails, non-motorized trails, and a camping management approach. The plan also established a permanent route for the Florida National Scenic Trail and other hiking opportunities.

NPS, Everglades National Park, FL, Environmental Assessment (EA) for Cape Sable Canals Dam Restoration, Monroe County, FL. Deputy project manager and lead technical writer for a project to restore three earthen dams (House and Slagle Ditches, and Raulerson Canal) located in the backcountry of Everglades National Park and in federally designated Wilderness Areas. This ecological restoration project in the Cape Sable region identified a sustainable solution to reverse man-made canal-induced saltwater intrusion and associated degradation of interior freshwater and brackish marsh wetlands. As part of NEPA compliance, identified and analyzed alternatives to avoid and minimize potential impacts to environmental resources, and evaluated mitigation measures to offset unavoidable impacts. Led the preparation of the EA and associated Finding of No Significant Impact (FONSI) for public review and approval by NPS.

U.S. Fish and Wildlife Service (USFWS), Environmental Impact Statement (EIS) to Evaluate the Eastern Collier Multiple Species Habitat Conservation Plan (HCP), Collier County, FL. Project manager and technical author for the preparation of a third-party EIS evaluating a HCP for proposed large-scale private land development in eastern Collier County. EIS evaluated USFWS action to issue incidental take permit (ITP) under Section 10 of the Endangered Species Act for multiple protected species including the Florida panther and 7 other federally listed species potentially affected by the proposed project. EIS was prepared on an accelerated timeline to meet deadlines set forth in a DOI Secretarial Order.

Christine Angelini, PhD | Advisor



Christine is an ecologist and project leader with over 15 years of experience leading research and technology innovation projects focused on coastal restoration, estuarine management, and ecological engineering. In her recent role as the Scott and Barbie Pressly Rising Star Professor in Environmental Engineering Sciences and Director of the Center for Coastal Solutions at the University of Florida (UF), Dr Angelini led an internationally known coastal ecology and restoration research lab and interdisciplinary research, technology development and training program.

VALUE TO THE CITY. Has extensive knowledge of coastal wetland, beach-dune and oyster reef ecosystems along the U.S. Atlantic Coast, having specialized in assessments of their condition and functioning and in innovating restoration and management solutions.

KEY SKILLS

Coastal Ecology
Wetland, Reef and Dune Restoration
Nature Based Solutions for Coastal Resilience
Environmental Engineering
Project Management
Stakeholder Engagement

EDUCATION

Doctor of Philosophy, Biology, 2014
BS, Marine Biology, 1998

YEARS OF EXPERIENCE

16 total | 1 with AECOM

SELECT PROJECT EXPERIENCE

Tyndall Air Force Base, Nature Based Solutions for Coastal Resilience, Department of Defense (DoD), Readiness and Environmental Protection Integration (REPI) and National Fish and Wildlife Foundation's National Coastal Resilience Fund, Panama City, FL.

Principal Investigator for the UF team of three faculty, two field technicians and two students tasked with supporting the design, permitting and construction of three nature-based solution features adjacent to Tyndall Air Force Base: a 1,000-foot living shoreline, 1,500 foot long oyster reef breakwater and shoreline stabilization feature. The UF-team led all of the ecological and hydrodynamic pre-construction monitoring to support permit applications and project design, developed with The Nature Conservancy an NBS-Monitoring Handbook for regional use, implemented multiple manipulative field experiments to inform the project engineering designs, supported stakeholder engagement actions including on-site visits with program sponsors, delivered project presentations and reports, and submitted peer-reviewed publications on key findings. Angelini led grant writing and project reporting for UF and coordination with The Nature Conservancy, Jacobs Engineering and U.S. Naval Research Lab collaborators. Through layered funding from the DoD REPI and NFWF NRCF programs, the team has completed all pre-construction monitoring, design

and permitting work and secured funds to construct the living shoreline project, with applications submitted for the remaining construction. {Prior to AECOM}

State of Florida, JaxTwin Urban Digital Twin, Jacksonville, FL. Project manager and lead investigator for a \$1.025M, 1-year project to develop an interactive digital twin, JaxTwin, to support resilience scenario planning for the City of Jacksonville's coastal waterway, wastewater infrastructure, housing and health care systems. Led the development of a work action plan and oversaw the production of integrated deliverables from a 40-member team from 11 academic units, as well as collaborators from private partners, NVIDIA and Deloitte. Led outreach, communication and formation of data-sharing agreements with the City of Jacksonville's Public Works, Resilience, Environmental Planning Board, Health and Planning Departments, the regional utility provider JEA, USACE's Jacksonville District, UF Health-Jacksonville Hospitals, FDEP and Health, Jacksonville Civic Council, and other stakeholders. {Prior to AECOM}

USACE, Engineering Research and Development Center, Engineering with Nature for Coastal Resilience and Regional Sediment Management, St. Johns and Flagler County, FL. Project lead and lead ecologist for a 3-year, \$3M interdisciplinary project to collaborate with the USACE ERDC to innovate solutions for stabilizing eroding coastal wetland and dune ecosystems through project

Christine Angelini, PhD, Continued

management, stakeholder engagement and project team coordination for a six faculty/ twelve student/ three staff member team. Oversaw modeling, field monitoring and manipulative experiments focused on understanding the biophysical drivers of coastal wetland and dune geospatial evolution, and designing new sediment application techniques to reduce the erodibility and improve the ecological function of these coastal ecosystems. Led the implementation of workshops to engage government, non-governmental organization, public and academic stakeholders in the design and execution of our research activities and to share key project findings. Research findings are being integrated into real-world projects to apply dredge sediment onto coastal wetlands to enhance their resilience in St Augustine, FL and into dune restoration projects in both Florida and Mississippi. Served as the lead host for the first ever Network for Engineering With Nature All-Partner's Symposium in Ponte Vedra, Florida to share our results and facilitate the development of a community of practice in this space in May 2024 with 170 attendees from over 40 organizations. The project team has published over 20 peer-reviewed manuscripts and delivered over 35 presentations to date. {Prior to AECOM}

FDEP, Watershed Drivers of Coastal Water Quality Change, Peace River Basin, FL. Served as the project manager and lead investigator of a \$5.1M project to assess nutrient sources within the Peace River Basin Watershed, vet the relative importance of these sources and coastal process in influencing water quality within Charlotte Harbor, evaluate the effects of water quality on the regional economy, and develop both a water quality and economic data management system and communication strategy. Coordinated the activities of a 32-member faculty, students, industry/NGO/local government partner team in the integration and

analysis of watershed-estuary-ocean water quality and flow data sets, as well as modeling watershed nutrient sources and simulating potential management solutions of interest to regional and state agency stakeholders. Managed a large, and complex, subcontract with an industry partner to create data management systems. Presented project findings to Florida Senate leadership and our FDEP program managers and technical experts. {Prior to AECOM}

University of Florida Center for Coastal Solutions (CCS), Gainesville, FL. Founded, directed and led strategy for the CCS, an interdisciplinary research hub involving 45 affiliate faculty from 10 colleges. Oversaw center reporting to UF Leadership, Board of Trustees and Board of Governors, and management of budgeting to support 10 full-time project management, communications and technical staff. Coordinated large, interdisciplinary research projects (see above). Led the organization of an annual *Optimizing Solutions for Resilient Coasts Summit*, including securing public/private sponsorships, agenda development, industry networking, and hosting keynote speakers, board members, partners and specials guests. {Prior to AECOM}

Erica Harris, WEDG | Adaptation Plan Development Lead



Erica is a coastal and climate scientist, with over 13 years of experience, based in Florida and serves as a Climate Resilience Leader at AECOM. She leads climate vulnerability assessments and adaptation planning projects for waterfront communities and industries across the country.

VALUE TO THE CITY. Frequently manages multi-agency projects focused on providing land use managers, engineers, and planners information and tools to enhance climate resilience, while maximizing co-benefits in the environmental, economic, and social sectors.

KEY SKILLS

Resilience
Adaptation
Waterfront Planning
Land-use Management
Climate Science
Spatial Analysis

EDUCATION

MS, Oceanography, 2011
BS, GIS and Spatial Analysis, 2008

YEARS OF EXPERIENCE

12 total | 12 with AECOM

CERTIFICATIONS

Waterfront Edge Design Guidelines,
WEDG
AECOM Certified Project Manager

SELECT PROJECT EXPERIENCE

City of Miami Beach, Sea Level Rise Vulnerability Assessment and Adaptation Plan, Miami Beach, FL.

Project manager and technical lead conducting a two-phase project to: 1) assist the city with prioritizing citywide assets and facilities based on their vulnerability to flood hazards (king tides, coastal storm surge, high groundwater, and rainfall), and 2) developing a flexible and phased approach for the City to consider adaptation strategies for flood protection. Erica also led multiple forms of public engagement to communicate the plan to the public, including focus group discussions, pop-up workshops, and a "salon style" panel discussion.

City of Miami, Sea Level Rise Vulnerability

Assessment, Miami, FL. Project manager leading the development of a citywide flood impacts study. Tasks included 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 prioritized list of infrastructure for adaptation funding pursuits.

City of Miami, Waterfront Shoreline Enhancement Plan, Miami, FL.

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.

City of Naples, Critical Assets and Facilities

Vulnerability Assessment and Adaptation Plan,

Naples, FL. Project technical lead and project manager conducting a citywide vulnerability assessment and adaptation plan for public assets at risk to a suite of

climate stressors (sea level rise, coastal storms, extreme heat, and precipitation). The project resulted in a prioritized set of strategies described in summary sheets to support grant pursuits. As a part of this effort, Erica also led a City working group, composed of representatives from all city departments, to ensure the plan reflected the City's priorities and maintains City ownership.

City of Naples, Thermal Hot Spot Analysis, Naples, FL.

Project manager for a study to use a time series of satellite data to identify potential urban heat islands across the City that could benefit from heat mitigation strategies (e.g., expansion of tree canopy and shade structures, increased water fountains).

City of Naples, Seawall Ordinance Study, Naples, FL.

Project manager for a study to assist the City with mapping existing seawall elevations, interviewing other communities to understand lessons learned for considering sea level rise in seawall ordinance updates, and providing revised ordinance language to increase the City's minimum seawall elevations. Tasks included 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.

Erica Harris, WEDG, Continued

MacDill Military Installation Resilience Review, Tampa, FL. Subject matter specialist, editor, and coordinator responsible for outlining and coordinating authorship of guidance on the planning, engineering design, permitting, and construction of solar facilities on closed coal comb residual sites.

PortMiami, Sea Level Rise Vulnerability Assessment and Adaptation Guidance, Miami-Dade County, FL. 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.

Tampa Bay, Business Case for Resilience in Southeast Florida and Tampa Bay, FL. Coastal and climate scientist contributing to the economic evaluation of potential flood risk and exposure versus the cost of adaptation for Southeast Florida and Tampa Bay communities. Technical lead for selection of sea level rise and water level scenarios and development of high-level adaptation strategies that provide regional flood protection against future conditions.

Tampa Bay Partnership, Brizaga, Tampa Bay Business Case for Resilience, Tampa Bay Region, FL. Technical lead and project manager for a resilience review to identify risks, hazards, and vulnerabilities at the installation and within adjacent communities that may impact the ability of the military to carry out missions at the MacDill Air Force Base. As a part of this work, led the development of potential solutions and targeted investments to mitigate potential hazard impacts. This project involved a strong technical and policy stakeholder engagement process to promote actions that are driven by regional priorities.

City of Long Beach, Climate Action and Adaptation Plan, City of Long Beach, CA. Adaptation strategy lead developing adaptation actions to enhance the resiliency of the city to climate stressors, including: sea level rise flooding, riverine flooding, extreme heat, and drought. Action details include city implementation leads, partners, timeline, performance metrics, implementation steps, costs, and equity impacts.

NASA, Shoreline Study, Kennedy Space Center, Brevard County, FL. Climate and coastal scientist performing shoreline change and dune erosion modeling due to sea level rise and coastal storms along the Kennedy Space Center's Atlantic and estuarine shorelines. Results were used to inform resilience solutions to protect critical infrastructure in the area.

Climate Change Assessment of South Corridor Rapid Transit Project, Miami-Dade County, FL. Climate adaptation specialist performing a high-level climate vulnerability assessment for the South Corridor Bus Rapid Transit system from Dadeland South Metro Station to SW 344th Street in Florida City. To promote long-term viability of the busway, climate change impacts (e.g., extreme flooding and heat) and sustainability considerations are being implemented in the project design. The Envision infrastructure rating system is being used as a guiding framework to evaluate and rate the project on its long-term resilience and community, environmental, and economic benefits to the region.

Massachusetts Bay Transportation Authority Climate Change Vulnerability Assessment, Boston, MA. Climate adaptation specialist contributing to a climate change vulnerability assessment of the MBTA Red Line rapid transit line. Tasks included review of a multi-hazard vulnerability analysis based on the Federal Highway Administration's VAST tool and developing a menu of adaptation measures to provide asset-specific and area-scale protection of rail assets from the evaluated climate stressors. As a follow-up to the project, Erica is also leading the development of adaptation projects to provide targeted protection of a major Red Line maintenance and facility yard.

Adam Friedman | Adaptation Plan Development Key Member



Adam is a recognized leader in advanced construction technology and digital manufacturing, with a strong background in 3D printing, sustainable and green-gray marine infrastructure, mechanical systems, and defense-related infrastructure innovation. As Co-Founder of 1Print, he oversees the projects, design, production, and deployment of modular concrete systems for housing, military, water systems, and coastal protection. His expertise spans additive manufacturing, CAD/CAM, and project execution across complex public-private partnerships involving U.S. Department of Defense, Department of Energy, and Department of Transportation, and academic institutions.

VALUE TO THE CITY. Based in Pompano Beach, 1Print has a love for the City and brings proven agility and experience delivering nature-based 3D-printed infrastructure for local shoreline, stormwater, building projects, helping the City of Pompano advance its sustainable water management and coastal resilience goals.

KEY SKILLS

3D Concrete Printing
Project Management
Sales Engineering
Mechanical Design & CAD/CAM
Coastal & Military Infrastructure
R&D to Commercialization
Strategic Partnerships
Defense & DOE Contracting
Advanced Materials & Sediment
Green/Gray Infrastructure

EDUCATION

BS, Mechanical Engineering, 2012

YEARS OF EXPERIENCE

10+ total | 4 with 1Print

SELECT PROJECT EXPERIENCE

City of Pompano Beach, Green Infrastructure Wave Attenuation Wall Deployment at Wahoo Bay, Pompano Beach, FL. Produced and deployed coastal infrastructure based on SEAHIVE® for wave attenuation and ecosystem support, in partnership with the City of Pompano Beach and academic institutions. Demonstrated ability to deliver locally sourced, sustainable infrastructure aligned with municipal adaptation planning.

University of Miami, Coral Hybrid Reefs Project, Miami, FL. Partnered with University of Miami and AECOM to develop and pilot a hybrid SEAHIVE and artificial coral reef system for shoreline defense and biodiversity enhancement.

Jupiter Pilot Project, Jupiter, FL. Finalized designs and coordinated material production for a USACE-affiliated pilot site, featuring rebar-reinforced SEAHIVE modules for coastal protection and ecological function. Deployment planned for late Q3 2025.

Okaloosa County, SEAHIVE Project, Destin, FL. Supporting early-stage engineering and permitting for hybrid SEAHIVE reef deployment. Working with county and Army stakeholders to validate performance in active shoreline environments.

Broward County, Affordable Housing Development, Broward County, FL. Leading pre-construction and strategic planning for a 10-unit Section 8 workforce housing project—among the first large-scale additive housing developments in the U.S. Integrated sustainable materials and energy-efficient finishes. Chosen as a flagship pilot project under the Risk and Resilience Tech Hub.

Risk & Resilience Tech Hub Steering Committee. Serves on the leadership committee of the DOD-aligned Risk & Resilience Tech Hub, supporting innovation in infrastructure for climate-threatened military installations and resilient base design.

University of Miami, Underwater 3D Printing with Dredged Sediment – DARPA TRENTON Program. Leading research and development effort with Cornell and ERDC to develop underwater printing systems that use dredged sediment for scalable, low-logistics coastal construction.

Department of Defense, "Path to Adoption of 3DCP" Initiative. Participant in federal cross-agency initiative to standardize and deploy 3D concrete printing for national security and energy infrastructure. Contributed commercialization strategy and technology readiness insights.

Claire Still, ENV SP | Implementation Planning Lead



Claire is the Social Value and Climate Lead for U.S. East and LATAM who provides support to private and public sector clients to build, improve, monitor, and evaluate their sustainability to work towards more resilient and equitable practices. She regularly serves as the final quality reviewer on sustainability and resilience technical documents.

VALUE TO THE CITY. As the department manager for AECOM Environment's Technical Advisory team, Claire regularly oversees client delivery and is the final quality reviewer for deliverables. Trained in AECOM's Quality Management System and will bring this keen eye to work products delivered.

KEY SKILLS

Quality Management
Environmental Justice
Climate Change Vulnerability & Adaptation
Demographic Analysis
Public Health
Greenhouse Gas Inventories Resource Usage Reduction Sustainability Reporting

EDUCATION

MPH, Public Health, 2015
BS, Geology, 2010

YEARS OF EXPERIENCE

13 total | 9 with AECOM

CERTIFICATIONS

Envision Sustainability Professional #50519
AECOM Lead Verifier: Resilience & Adaptation to Climate Change and Sustainability Services

SELECT PROJECT EXPERIENCE

Miami-Dade County, South Corridor Sea Level Rise Assessment. Miami-Dade, FL. AECOM developed the National Environmental Policy Act (NEPA) documentation for the proposed South Corridor Rapid Transit Project in Miami-Dade County. Claire led the sea level rise impact section and assessed the vulnerability of a proposed bus rapid transit line to future sea level rise scenarios in 2030, 2060, and 2100 using Southeast Florida Regional Climate Change Compact data. This included identifying areas that should be prioritized for adaptation measures during initial construction such as elevating and hardening infrastructure, creating redundancy, and enhancing protective measures.

Pinellas County Suncoast Transit Authority (PSTA) Sustainability Action Plan. Tampa, FL. Core team member as the APTA and GHG SME to develop PSTA's first Sustainability Strategic Plan. She helped lead several workshops with stakeholders to develop focus areas, KPIs, and actions.

Palm Beach County Department of Aviation (DOA), Sustainability Management Plan. Palm Beach, FL. Core team member that developed DOA's inaugural Sustainability Management Plan to help guide its sustainability efforts into the future for the County's airport system. This includes completing a comprehensive baseline of all airport sustainability metrics, development of actions aligning to the DOA's focus areas, and an implementation plan to carry them out. Claire has helped host two workshops in-person with their core stakeholder group.

MARTA, Sustainability and ESG Program Support, Atlanta, GA. Task lead for 9 years and now technical advisor for MARTA's sustainability program within AECOM's Environmental Engineering contract. Her work has included drafting all of their Sustainability Reports, managing their recycling program, developing APTA submittals and more. In FY23 she managed several tasks with 40+ staff with work including Carbon Footprint Analysis, a Vulnerability Study, a Climate Action Resilience Plan (CARP), Sustainability Planning, ESG Reporting, and more. In the current contract year. The CARP included implementation roadmaps that laid out the next steps for the Authority to move forward on mitigation and adaptation. Claire serves as an overall technical and quality advisor where she reviews and advises on all deliverables prior to client delivery.

Virginia Department of Conservation and Recreation (DCR), Coastal Resilience Master Plan Outreach. Statewide. Task lead for identifying underserved communities for prioritization for DCR's Resilience Master Planning process. This included methodology development utilizing social vulnerability and flood risk datasets and working directly with the engagement team to develop the outreach plan and support implementation.

Federal Emergency Management Agency (FEMA), OEHP Environmental Justice (EJ) Support. Nationwide. AECOM is supporting the FEMA Office of Environmental Planning and Historic Preservation with the development of several policies. In the first year, we worked with

Claire Still, ENV SP, Continued

FEMA's EJ experts to develop an agency-wide EJ Strategy and Executive Order matrix. In the second year of the contract, we are working on literature reviews and implementation support.

Raleigh-Durham Airport Authority (RDAA), Sustainability Management Plan, Raleigh, NC. GHG SMS on the team that developed the RDUAA's inaugural Sustainability Management Plan to improve the tracking and communication of the airport's sustainability initiatives, increase efficiency, and better incorporate economic savings and environmental stewardship into the Authority's operations.

U.S. Department of Homeland Security (DHS), Environmental Program Support. Nationwide. AECOM supported the Department's Office of the Chief Readiness Support Officer for a variety of environmental justice support services. EJ technical and quality lead for DHS including their Strategic Plan, EJ training, external and internal fact sheets, policy updates, public listening sessions, and more.

Confidential Industrial Client, EJ Screenings and Engagement Framework. Midwestern U.S. Conducted EJ screenings for an industrial client's major facility locations for potential EJ concerns using census-block group level data from EPA's EJScreen, FEMA's National Risk Index, and the CDC's Social Vulnerability Index. Following the screening, we developed a community engagement strategy framework focused on equitable engagement considering the results of the screenings.

NIEHS, Sustainability Services. Assisted with the development of carbon neutrality assessment and net zero energy feasibility study for the campus in Research Triangle, NC. Technical lead for calculating commuter-related greenhouse gas emissions for employees pre-COVID-19, during COVID-19, and under two different scenarios post-COVID-19 in order to understand how COVID-19 teleworking impacted NIEHS's Scope 3 emissions and to inform NIEHS return to work strategy. Supported the development of the NIEHS 2019 Sustainability Report. Worked with NIEHS to update their Climate Resilience Plan to align with new EOs, updated climate science, and consider standards.

State of New Jersey, IIJA Funding Tracking. Equity advisor to the project to assess project impacts on disadvantaged communities. Her primary role was to perform QAQC checks on data analysis outputs prior to client delivery.

City of Raleigh, Climate Energy Action Plan Progress Reviews, Raleigh, NC. Reviewed progress of 36 strategies the City put forth as their top priorities in 2012. She conducted interviews with City personnel, calculated carbon and cost savings/avoidances as a result of strategy implementation and built strategy profile deliverables to feature the progress.

Centralina Regional Council, Climate Pollution Reduction Grant Professional Planning Services and General Grant Writing. Environmental justice technical advisor for the project and conducted quality control on community engagement and demographic analysis documents.

Colleen Willger, AICP | Implementation Planning Support



Colleen is the Director of Urban Strategy in the Global Center of Excellence for Urban Analytics at AECOM. In her role, Colleen helps formalize how data-driven planning and technology influence capital programs and private investment in sustainability, resiliency, and equity.

VALUE TO THE CITY. Over the past two decades, Colleen has led and managed change initiatives including comprehensive and place-based planning, community engagement, and research analysis to advance equity, economic vitality, and community vibrancy in diverse communities.

KEY SKILLS

Urban Strategy Development
Sustainability and Resilience Planning
Equity Advancement
Project Management
Community Engagement
Research Analysis

EDUCATION

MCRP, Community and Regional Planning, 2006
BS, Community and Regional Planning, 2004

YEARS OF EXPERIENCE

19 total | 3 with AECOM

CERTIFICATIONS

American Institute of Certified Planners #023550
AECOM Certified Project Manager

SELECT PROJECT EXPERIENCE

Strategic Planning, Miami-Dade County, FL. Project Manager and advising the Department of Transportation and Public Works' Executive Leadership to reinvent its culture and operations for high-performance. The team is delivering a Strategic Plan, Action Agenda, Zero Emissions Transition Strategy for the department's fleet, as well as developing a bespoke Performance and Decision Support Platform for capital planning and project delivery for the equitable repositioning and reinvestment of infrastructure in the county.

Waterfront Development Code, New York City, NY. Advisor and technical Lead collaborating with team members to develop the first-of-its-kind in the United States: a comprehensive waterfront development code for New York City. The team is also advising how to set up a Waterfront marine administrative unit to enforce the code. The results will protect New York City from climate change through new marine building codes.

Raleigh, Cary, Garner Transit-Oriented Development Planning, City of Raleigh, NC, Town of Cary, NC, Town of Garner, NC. Strategic Advisor advising three jurisdictions to connect a regional bus rapid transit (BRT) system while repositioning their land uses in a way that retains and enhances their authentic, local, minority-owned businesses. Colleen is preparing land use and zoning strategies as well as scenario planning to right-size development patterns for functional BRT and equitable outcomes like increased affordable housing and access to jobs.

Rocky Mount Comprehensive Plan, Rocky Mount, NC.

Project Manager leading the rewrite of the City's first comprehensive plan in over twenty years to transform their downtown, offer affordable housing choices, implement open space connections, and build community capacity.

Comprehensive Plan Gap Analysis, Chesapeake, VA.

Technical Lead assessing existing comprehensive plan for policy area gaps for the run-up of Chesapeake's comprehensive plan rewrite. Provide examples of case studies, best practices, and emerging trends to broaden and deepen Chesapeake's legislative and regulatory efficacy.

District of Columbia Comprehensive Plan Rewrite, Washington, DC.

Project Manager leading the research phase of the DC Office of Planning's DC2050 comprehensive plan rewrite for performance-based planning. AECOM is preparing a land use scenario planning tool, racial equity analysis framework, and strategies to better connect the comprehensive plan with systems plans, place-based plans, facilities master plans, and capital improvement plans to achieve equitable, resilient, and affordable outcomes. A racial equity impact assessment will be developed to assess policy development in real time and test in the land use scenario planning tool to understand planning performance outcomes before they become policy implemented in the built environment.

Fredrik Wannius | Implementation Planning Key Member



Fredrik is an experienced global executive and commercial strategist, known for scaling product-based ventures and advancing market adoption of breakthrough technologies. As Co-Founder of 1Print, he leads external partnerships, commercialization, and customer acquisition for modular 3D-printed systems used in coastal resilience, water infrastructure, seawalls, housing, and military projects. He brings deep experience in international business, product sourcing, and emerging technologies, with a track record spanning Europe, Asia, and the U.S.

VALUE TO THE CITY. Based in Pompano Beach, 1Print offers proven, locally deployed 3D-printed infrastructure that supports the City's goals in water resilience, shoreline protection, and sustainable stormwater management. Fredrik's leadership ensures agile delivery, stakeholder coordination, and forward-looking strategies that align with municipal innovation priorities.

KEY SKILLS

3D Concrete Printing
Project Management
Commercialization Strategy
Coastal & Military Infrastructure
R&D to Commercialization
Strategic Partnerships
Product Sourcing & Manufacturing
Advanced Materials & Sediment
Green/Gray Infrastructure
Seawall Development

EDUCATION

MS, Strategic Management, 2006
BS, International Business, 2005

YEARS OF EXPERIENCE

20+ total | 4 with 1Print

SELECT PROJECT EXPERIENCE

Pompano Beach Green Infrastructure Wave Attenuation Wall Deployment, Pompano Beach, FL.

Produced and deployed coastal infrastructure based on SEAHIVE® for wave attenuation and ecosystem support, in partnership with the City of Pompano Beach and academic institutions. Demonstrated ability to deliver locally sourced, sustainable infrastructure aligned with municipal adaptation planning.

ReefWall Seawall Initiative, 3D-Printed Riprap & Living Shorelines. Launched 1Print's ReefWall line as a modular, 3D-printed riprap and seawall solution designed for rapid deployment, shoreline stabilization, and ecological enhancement of living shorelines.

University of Miami, Coral Hybrid Reefs Project, Miami, FL. Partnered with UM to develop and pilot a hybrid SEAHIVE and artificial coral reef system for shoreline defense and biodiversity enhancement.

USACE, Jupiter Pilot Project, Jupiter, FL. Finalized designs and coordinated material production for a USACE-affiliated pilot site, featuring rebar-reinforced SEAHIVE modules for coastal protection and ecological function. Deployment planned for late Q3 2025.

Okaloosa County, SEAHIVE Project, Destin, FL. Supporting early-stage engineering and permitting for hybrid SEAHIVE reef deployment. Working with Okaloosa County and Army stakeholders to validate performance in active shoreline environments.

Broward County, Affordable Housing Development, Broward County, FL. Leading pre-construction and strategic planning for a 10-unit Section 8 workforce housing project—among the first large-scale additive housing developments in the U.S. Integrated sustainable materials and energy-efficient finishes. Chosen as a flagship pilot project under the Risk and Resilience Tech Hub.

DARPA, Underwater 3D Printing with Dredged Sediment –TRENTON Program. Leading 1Print's R&D effort with Cornell and ERDC to develop underwater printing systems that use dredged sediment for scalable, low-logistics coastal construction.

Department of Defense, "Path to Adoption of 3DCP" Initiative. Participant in the federal cross-agency initiative to standardize and deploy 3D concrete printing for national security and energy infrastructure. Contributed commercialization strategy and technology readiness insights.

University of Miami and FIU Research and Development Partnership. Collaborated with UM and FIU to develop and test innovative materials, form factors, and applications for 3DCP, including flood-resilient structures and coastal retrofits. UM granted 1Print exclusive worldwide 3DCP rights to the SEAHIVE system, enabling global commercialization of the platform.

Kelli Schueler, PLA, LEED AP | Urban Forestry Plan Lead



Kelli is an experienced landscape architect and dedicated project manager, she provides planning, design and project management services for a wide variety of project types through all phases of the development process. Her knowledge of the local environment, innovative technologies and sustainable best practices is combined with a creative approach that is ensuring designs are implemented both efficiently and accurately.

VALUE TO THE CITY. Has a wide range of project experience, but is most motivated by the opportunity to create special moments within the urban environment where hardscape and architectural elements are thoughtfully combined with green space to create impactful places of respite and community within the urban core.

KEY SKILLS

Project Management
Sustainability Practices
Urban Environment
Hardscape Integration
Urban Core Development
Community Space

EDUCATION

BS, Landscape Architecture, 2003

YEARS OF EXPERIENCE

19 total | 7 with Keith

CERTIFICATIONS

Professional Landscape Architect: FL
#LA6667565; TX #2959

LEED AP

SELECT PROJECT EXPERIENCE

City of Pompano, Youth Sports Complex, Pompano Beach, FL.

Landscape architect for the development of this KEITH Play project that includes several multi-purpose pitches, clubhouse with concessions, restrooms, storage, offices, landscaped walking paths, preservation of several mature canopy trees to provide a park experience that affords ample shade, and a 180-space parking lot in the 10-acre complex. KEITH, as prime consultant, provided full services to the Client throughout all design phases including public outreach, planning, design development and site plan approval, and ultimately permitting and construction observation.

City of Pompano, Annie Adderly Gillis Park, Pompano Beach, FL.

Landscape architect, under its continuing services contract with the City. Assisted the Client in developing a KEITH Play project that included the development of a small park serving the local community integrating historically important elements and providing flexibility to create larger gathering spaces for events ensuring that, when not being used for events, the day-to-day visitor feels comfortable in the space. KEITH provided full services to the Client including civil engineering, survey, planning, and landscape architecture.

City of Pompano, North Pompano Park Improvements, Pompano Beach, FL.

Landscape architect assisted the City in developing a KEITH Play project that includes several multi-purpose sports fields, concession stands, restrooms, sports and site lighting, walking paths, parking, dog park, and artificial turf and natural sod enhancements at the 20-acre site that is home to the Pompano Eagles youth football team. KEITH, utilizing a multi-disciplinary team, provided full services to the Client including civil engineering, survey/SUE, landscape architecture, planning, arborist services, tree disposition, and construction management from the early planning stages. The completed improvements continue to provide an activity destination for the community.

River Oaks Tree Disposition Project, Fort Lauderdale, FL.

Client in developing a KEITH Life project including the development of a roadway infrastructure project involving water and sewer upgrades impacting multiple streets in the River Oaks neighborhood of Fort Lauderdale, FL. KEITH provides services to the Client including landscape architecture/arborist, survey, and construction program management. The KEITH Team is assisting the Client in special purpose tree survey, tree inventory and appraisal by in-house Certified Arborist, tree disposition plan including location, size, and quality of trees on site, street tree planting plans, permitting, and construction observation. The project, once completed, will serve to improve the quality and longevity of the streets, sewers, and trees of the community.

Kelli Schueler, PLA, LEED AP, Continued

DC Alexander Park, Fort Lauderdale, FL. Landscape architect assisting the DC Alexander Park in developing a project vision for the redevelopment of an oceanfront park nestled in a unique 1+ acre spot on Fort Lauderdale's beachfront near the Fort Lauderdale Aquatic Center and International Swimming Hall of Fame. KEITH is providing services to the Client including survey/SUE, planning, civil and traffic engineering, landscape architecture, and construction observation. The KEITH Team assisted the Client with public engagement, turtle-compliant lighting, carefully planned stormwater infrastructure, shoreline habitat analysis, and practical and creative applications of stormwater mitigation practices resulting in a design that reflects and embraces the social and economic needs of the community.

City of Fort Lauderdale, Police Headquarters, Fort Lauderdale, FL. Landscape architect, as subconsultant to AECOM, assisted with the demolition of existing buildings and the design and construction of a new Police Headquarters. KEITH provided full services to the Client including civil and traffic engineering, survey/SUE, utility coordination, planning, landscape architecture, and construction program management. The new headquarters, built in phases, began with the parking garage, firing range, and perimeter landscape buffers to neighboring residents. Phase two included initial site development, SW 13th Avenue extending up to the existing fleet maintenance facility, restriping of existing surface parking, and replacement of the radio tower. Demolition of outparcel buildings and construction of the new facility, including central plant, were phase three. Lastly, demolition of the old facility and a portion of the fleet maintenance facility followed by final site development including extension of SW 13th Avenue to Broward Boulevard, the creation of a linear park along Broward Boulevard, and the removal of all remaining surface parking and outparcel buildings.

Joe Webb, PLA | Urban Forestry Plan Key Member



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.

VALUE TO THE CITY. Joe is a Professional Landscape Architect with extensive, diverse experience in the planning, design and development of parks and recreation facilities.

KEY SKILLS

Urban Forestry
Community Engagement
Parking Facility Design
Landscape Architecture
Urban Planning
Parks and Recreation Design
Open Space Transportation

EDUCATION

BS, Landscape Architecture, 1983

YEARS OF EXPERIENCE

33 total | 10 with AECOM

CERTIFICATIONS

Professional Landscape Architect FL
#LA6666766
AECOM Lead Verifier: Landscape
Architecture

SELECT PROJECT EXPERIENCE

City of Miami, Resilient Waterfront Enhancement Plan, City of Miami, FL.

Technical lead responsible for addressing 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.

Miami-Dade County, Resilient Park Design Guidelines, Miami-Dade County, FL.

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.

City of Miami, Morningside Park, Miami, FL. Technical lead for 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.

City of Tampa Park and Recreation Master Plan, Park, Recreation and Open Spaces System Planning, Tampa, FL.

Technical lead for the 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.

Shelly Brooks, EI, CFM, GISP | CRS Watershed Management Plan Lead



Shelly has expertise in water resources and GIS, including stormwater management, watershed management, and land development permitting. Her project experience includes watershed modeling and stormwater design for the public and private sectors.

VALUE TO THE CITY. Proficient in various software, including SWMM, HEC-RAS, HEC-HMS, ICPR, HSPF, WMS, PONDS, and HYDRAFLOW. Her CAD, GIS, and remote sensing software includes ArcGIS, Spatial Analyst, ERDAS IMAGINE, HEC-GeoRAS, HEC-GeoHMS, AutoCAD, AutoDesk Land Development, and ArcHydro.

KEY SKILLS

Water Resources
GIS
Stormwater Management
Watershed Management
Land Development Permitting
Stormwater Design

EDUCATION

BS, Civil Engineering, 2004

YEARS OF EXPERIENCE

21 total | 21 with AECOM

CERTIFICATIONS

Engineering in Training: FL
#1100025103
Certified GIS Professional #90687
Certified Floodplain Manager #US-19-10907

SELECT PROJECT EXPERIENCE

Pinellas County Board of County Commissioners, Joe's Creek Watershed, Pinellas County, FL.

Developed a stormwater management plan for the Joe's Creek Watershed that encompasses approximately 9,230 acres (14.6 square miles). Responsibilities include watershed evaluation by developing a GIS-based hydraulic inventory using Southwest Florida Water Management District's (SWFWMD) guidelines, GIS GWIS geodatabase for compiling watershed data according to SWFWMD guidelines, a hydrologic and hydraulic model using ICPR, and developed a 100-year risk floodplain for SWFWMD, the county, and FEMA. Also developed level of service using the 100-year risk floodplain and proposed best management practices for flood control improvements to preserve and enhanced natural habitats.

Southwest Florida Water Management District, Aripeka Watershed Management Plan, Hernando County, FL. Assisted with the development of a GIS-based hydraulic inventory using SWFWMD's guidelines and specifications. Developed a hydrologic and hydraulic model using ICPR. Performed a level-of-service analysis using SWFWMD methodology. Supporting the FEMA Office of Environmental Planning and Historic Preservation with the development of several policies. In the first year, we worked with FEMA's EJ experts to develop an agency-wide EJ Strategy and Executive Order matrix. In the second year of the contract, we are working on literature reviews and implementation support.

Southwest Florida Water Management District, Spring Hill Lakes Watershed Management Plan, Hernando County, FL. Developed a GIS-based hydraulic inventory using SWFWMD's guidelines. Developed a hydrologic and hydraulic model using ICPR. Developed best management practice recommendations for floodplain and water quality mitigation. Performed a level-of-service analysis using SWFWMD methodology.

Southwest Florida Water Management District, Buzzard's Roost Run Watershed Management Plan, Hardee County, FL. Assisted with development of a stormwater management plan for the watershed for SWFWMD and Hardee County. Responsibilities included development of a GIS-based hydraulic inventory using SWFWMD's guidelines, GIS Geodatabase for compiling watershed data according to SWFWMD guidelines, and a hydrologic and hydraulic model using ICPR.

Southwest Florida Water Management District, East Pasco Watershed Management Plan, Pasco County, FL. Assisted with development of a stormwater management plan for the East Pasco Lake watershed completed for SWFWMD and Pasco County. Responsibilities included developing a GIS-based hydraulic inventory using SWFWMD's guidelines, a hydrologic and hydraulic model using ICPR, and best management practices recommendations for floodplain and water quality mitigation. Also performed a level-of-service analysis using SWFWMD methodology.

Shelly Brooks, EI, CFM, GISP, Continued

Southwest Florida Water Management District, Starkey Watershed Management Plan, Pinellas County, FL. Assisting with development of a stormwater management plan for the watershed that encompasses approximately 7,600 acres completed for SWFWMD and Pinellas County. Responsibilities include developing a GIS-based hydraulic inventory using SWFWMD's guidelines, GIS GWIS geodatabase for compiling watershed data according to SWFWMD guidelines, a hydrologic and hydraulic model using ICPR, and a 100-year risk floodplain for SWFWMD, the county, and Federal Emergency Management Agency.

Savannah Airport Commission, Savannah/Hilton Head International Airport - Southeast Quadrant Stormwater Masterplan, Savannah, GA. Water resources engineer prepared a stormwater master plan to develop conceptual stormwater management designs to convey, treat, and attenuate stormwater runoff from future development as depicted in the latest airport layout plan anticipated to occur in the next 20 years. Responsibilities included the preparation of a stormwater master plan for the entire airport, which included developing existing and proposed condition hydrologic and hydraulic models for a drainage area encompassing approximately 350 acres using the interconnected pond routing computer model, developing conceptual designs of stormwater management systems, and determining permit requirements mandated by the Suwannee River Water Management District. The conceptual stormwater management systems consisted of closed piped and open channels conveying stormwater runoff to dry retention ponds strategically located throughout the airport

Hillsborough County, Curiosity Creek Water Main Master Plan, Hillsborough County, FL. Water resources engineer assisted with the development of a GIS-based hydraulic inventory using Hillsborough County's guidelines, developed a hydrologic and hydraulic model using ICPR, and developed best management practice recommendations for floodplain and water quality mitigation. Also performed a level-of-service analysis using Hillsborough County methodology.

Florida Fish and Wildlife Conservation Commission, Lakes Istokpoga, Kissimmee, Tohopekaligam and East Tohopekaliga - Vegetative Map, Various Locations, FL. Water resources engineer developed a photo interpretation key by comparing the aerial imagery to the field observations made during the ground truthing effort for Lakes Istokpoga, Kissimmee, Tohopekaliga, and East Tohopekaliga. Developed detailed Vegetation Map for each of the four using GIS ESRI shapefile format. Classified using an amended FLUCFCS designation and assigned coverage modifiers based on total plant coverage within each polygon.

Southwest Florida Water Management District, Pace-Project Plan, Brooksville, FL. Water resources engineer reviewed existing Anclote West WMP, Anclote East WMP, and Pithlachascotee River/Bear Creek WMP, compilation of these watershed models into a single unified model ICPR 4.0, and BMP alternative analysis.

Northwest Florida Water Management District, Perdido Risk Map, Escambia County, FL. Water resources engineer developed a regulatory and non-regulatory flood study for Pensacola Bay, Perdido Bay, and Perdido River watershed. Responsibilities included the development of an existing and condition hydrologic and hydraulic model for Holley By The Sea watershed using ICPR, delineating the 1% floodplain boundary, and developing a Flood Insurance Study report utilizing FEMA's latest specifications.

Omar Rodriguez, PE, ENV SP, CAPM, CFM | CRS Watershed Management Plan Key Member



Omar is an engineering professional specializing in Hydrology and Hydraulic Modeling and Water Resources engineering. Heavily involved in Floodplain Management, Urban Drainage, and Climate Adaptation. Gaining experience in water resources and civil engineering design projects including water, sewer, drainage systems, stormwater master plans, and flood mapping as well as County and State-Wide permitting.

VALUE TO THE CITY. Has demonstrated his various abilities and qualifications as an engineer including Flood Risk Management implementation using CAD, GIS, and Modeling software.

KEY SKILLS

Hydrology Modeling
Water Systems
Floodplain Management
Urban Drainage
Flood Mapping
Permitting

EDUCATION

MS, Hydroinformatics and Water Management, 2023
BS, Civil Engineering, 2018

YEARS OF EXPERIENCE

6 total | 6 with Keith

CERTIFICATIONS

Professional Engineer, Florida #94885
Certified Associate in Project Management (CAPM) Program Management #2788463
Certified Floodplain Manager

SELECT PROJECT EXPERIENCE

City of Pompano, John Knox Village Stormwater Management Plan, Pompano Beach, FL. Project engineer for the John Knox Village 65-acres Stormwater Management Plan. Omar was responsible for the culvert design using hydraulic modeling software EPA SWMM. KEITH is assisting the City in the development of a senior residential facility, formal and semi-formal gardens, and surface parking. KEITH provides full services to the Client including civil engineering, survey/SUE, planning, landscape architecture, and CEI. Assisting the City with the preparation of a topographic and boundary survey, tree survey, existing utility map, and conceptual development of an overall Stormwater Master Plan for the property. Additional KEITH services include the estimated engineering design for Phase I projects, engineering for coordination and deliverable review, stormwater modeling, permitting, water distribution, and wastewater collection plan delivering a safe, functional space for the community to thrive.

City of Plantation Zone 2 Basin Drainage Study, Plantation, FL. Civil engineer provided a full range of engineering services for the City of Plantation Drainage Zone 2 to provide an evaluation of the existing stormwater system and develop a Capital Improvement Program (CIP) specifically for this Drainage Zone. The final product will be compiled in a Stormwater Master Plan. KEITH will leverage its expertise in hydrology and hydraulics modeling to evaluate the overall existing stormwater system, identify potential areas at risk of flooding and evaluate future required stormwater system

upgrades in order to improve the flood resiliency for the City and its residents. The proposed improvements prepared by KEITH will adhere to the respective federal, state and local regulations to meet water quality and quantity requirements. The final report will build upon past studies and models, data, permit conditions, and recently completed and ongoing projects and initiatives. The culmination of the study's effort will be presented in the new and comprehensive stormwater master plan that establishes a policy framework, integrates resiliency, conducts vulnerability analysis, and provides a prioritized improvement program that ensures the integrity of the City's future is protected for the generations to come.

City of Parkland, Vulnerability Assessment, Parkland, FL. Civil engineer providing the City of Parkland with a comprehensive Vulnerability Assessment for this KEITH Facility project. The goal of this VA is to identify at-risk City assets by assessing their exposure and sensitivity and then prioritizing them with the help of City staff. As part of the report, the KEITH Team will provide the Geographic Information System (GIS) files with appropriate metadata of the data compiled, to include locations of critical assets owned or maintained by the City as well as regionally significant assets that are classified.

Tonya Simmons, PE | Water Audits Lead



Tonya is a thought leader with over 30 years of experience with environmental/water-resources engineering and utility management consulting. Her utility management experience includes all areas of asset management – inventory development, condition assessment, and renewal/replacement programming; and the development/implementation of related electronic systems.

VALUE TO THE CITY. Her water-resources experience includes source and finished water supply planning and management, water demand management, and wastewater collection system management. She is also an AECOM-certified Project Manager.

KEY SKILLS

Water Resources
Utility Management
Project Management
Condition Assessment
Water Supply Planning

EDUCATION

MS, Civil Engineering, 1997
BS, Civil Engineering, 1994

YEARS OF EXPERIENCE

32 total | 2 with AECOM

CERTIFICATIONS

Professional Engineer, FL #58173
AECOM Certified Project Manager

SELECT PROJECT EXPERIENCE

City of St. Petersburg, Commercial, Industrial, and Institutional Water Use Evaluations City of St. Petersburg, FL.

Project manager and subject matter expert conducted water use evaluations for the City's highest non-residential water-use customers. For each facility, recommended demand- management measures and provided a payback analysis.

Beaufort Jasper Water and Sewer Authority, Integrated Water Resources Plan, SC.

Subject matter specialist developing preliminary reclaimed-water and demand-management plan elements for this 20-MGD retail and wholesale utility. These Plan elements were cited in the Authority's AMWA's 2011 Platinum Award for Utility Excellence. Project included reviewing and assessing the Authority's Water, Wastewater, and Reclaimed Water Master Plans, Beaufort and Jasper County Comprehensive Plans, and historical potable and reclaimed water use, and wastewater flows to develop 50-yr high-, med-, and low-growth projections. Led workshops for Authority leadership to establish long-term goals and milestones, identify demand and supply uncertainties, and develop potable and reclaimed water demand- and supply-management best practices.

Gulf Consortium, State Expenditure Plan, Tallahassee, FL.

Project engineer that performed 30% engineering reviews and developed project descriptions for septic-to-sewer programs throughout Florida's Gulf Coast. Florida's 23 Gulf Coast counties formed the Gulf Consortium to meet requirements of the RESTORE Act

to develop a State Expenditure Plan for economic and environmental recovery of the Gulf Coast in Florida following the Deepwater Horizon oil spill.

City of Sarasota Utilities, Potable-water Interconnects, Sarasota, FL.

Assisted with development of a stormwater management plan for the watershed for SWFWMD and Hardee County. Responsibilities included development of a GIS-based hydraulic inventory using SWFWMD's guidelines, GIS Geodatabase for compiling watershed data according to SWFWMD guidelines, and a hydrologic and hydraulic model using ICPR.

Southwest Florida Water Management District , East Pasco Watershed Management Plan, Pasco County, FL.

Project manager led City of Sarasota and Sarasota County workshops for the rehabilitation of five potable-water interconnects and developed draft language for a Memorandum of Understanding between the two owners. Developed the project to include a site-suitability analysis using ESRI's ArcGIS ModelBuilder.

City of Largo, Stormwater Management Plan, City of Largo, FL.

Project and client manager updated City's comprehensive Stormwater Management Plan per its NPDES MS4 permit.

City of Tampa, Tampa's Lowry Park Zoo Water Resources Master Plan, Tampa, FL.

Project and client manager; and subject matter expert developed an integrated Water Resource Master Plan for all phases of Lowry Park Zoo (Old Zoo, Wallaroo, and Africa). The plan recommended procedures to maximize efficiency of

Tonya Simmons, PE, Continued

Zoo's storm and industrial wastewater operations and included conceptual designs of stormwater recharge and reuse projects in Old Zoo that would minimize pollutant loading to Hamilton Creek, an impaired waterbody for fecal coliform.

City of Tampa, Tampa's Lowry Park Zoo Africa Basin Stormwater System Assessment, Tampa, FL. Project and client manager performed an assessment of Zoo's stormwater infrastructure in the zoo's Africa basin and evaluated stormwater management practices to identify root causes of stormwater system performance issues. Developed an ArcGIS geodatabase which was published on ArcGIS Online to be consumed by the ArcGIS Collector App in support of field data collection.

Africa Basin Inlet Retrofit Program, Lowry Park Zoo, Tampa, FL. Project and client manager developed engineered solutions to improve stormwater system performance and reduce pollutant loadings to the Hillsborough River.

Countywide Septic System Replacement Program, Sarasota County, FL. Project manager developed parcel-level flow projections for use in ArcGIS model, provided cost estimating for comparing on-site septic system upgrades to connecting to the utility's central sewer system, and comparing gravity to vacuum sewer systems.

Water Conservation Planning/Program Management, Charlotte County Utilities, FL. Project manager developed a goal-based water conservation plan for this 12-MGD utility. Secured District cost-share funding for BMP implementation and developed and codified ordinances to limit the time of irrigation. Developed building and development codes to require the installation of efficient irrigation equipment and Florida Friendly (native and drought-tolerant) landscaping for new development.

Jacksonville Electric Authority, Total Water Management Plan, FL. Provided optimized BMP solutions for inclusion into the utility's long-term water-production and demand-management strategy.

Miami-Dade Water and Sewer Department (MDWASD), Financial Analysis in Response to Conservation Initiatives, Miami-Dade County, FL. Subject matter specialist (SMS) evaluated the financial effect of implemented and planned water conservation initiatives. Designed a conservation module for an existing proprietary interactive financial model to assess anticipated short-term revenue losses and to identify long-term benefits of deferred and avoided capital. The purpose of this project was to assist Miami Dade Water and Sewer Department (MDWASD) leadership in

planning for additional revenue impacts, and to provide a tool that could be used to optimize conservation implementation timing to maximize benefits and minimize impacts to rate revenues.

MDWASD, Five-year Water-use Efficiency Plan, Miami-Dade County, FL. Project manager and SMS developed a goal-based five-year conservation strategy for MDWASD, a 350-MGD utility. Developed a comprehensive suite of utility appropriate BMPs. Built an Excel-based tool to calculate BMP cost effectiveness and water savings. The Plan was the utility's first step to receiving state-wide notoriety as a leader in conservation.

MDWASD, 20-year Water Conservation Plan, Miami-Dade County, FL. Project manager and subject matter expert in support of MDWASD Consumptive Use Permit application, developed a goal-based 20-yr conservation plan. The Excel-based tool that was developed for the five-year strategy was enhanced with optimization features and linear programming to equitably distribute BMPs across MDWASD's diverse wholesale customer base.

Southwest Florida Water Management District, Non-Agricultural Water Conservation Options Model for the 2010 Regional Water Supply Plan (RWSP) FL. Quantified water supplies available in the District from conservation potential for the District's 2010 RWSP update. For this project, an Excel-based conservation tool was developed that provided optimized solutions at the utility level and summed results to the county, planning-region, and District level. The model also included mining, recreation, and industrial water uses.

St. Johns River Water Management District, Water Shortage Management, FL. Developed drought and water-shortage indicators and thresholds for the Upper Floridan Aquifer. Study included a retrospective spatiotemporal analysis to test trigger behavior. Also built a multivariate Markov Model to predict phase-transitioning probability matrices.

St. Johns River Water Management District, Web-based Interactive Tracking Tool, FL. Designed an ArcGIS cloud mapping and database tool for utilities to target water, wastewater, and energy conservation opportunities, and track customer water-conservation compliance and program implementation. The design included utility-centric optimization routines that accounted for projected revenue losses resulting from water-use reductions and reductions in water and wastewater O&M expenses. The tool is currently being used by the City of Mt. Dora.

Angel Flores, PE, CxA, CEM | Energy Audits Lead



Angel has utilized his technical skills in a broad range of engineering projects. He serves as one of AECOM's High Performance Buildings lead for the east region. His experience includes design for mechanical systems for federal, hospitality, and commercial projects. His responsibilities are overall project management, energy analysis with life cycle costing, HVAC design, plumbing, compressed air systems, central plant heating and cooling distribution systems, along with applications requiring acoustical considerations.

KEY SKILLS

Project Management
Energy Analysis
Building Energy Modeling
Property Condition Assessment
Building Commissioning
High Performance Building Design

EDUCATION

BS, Mechanical Engineering, 2009

YEARS OF EXPERIENCE

18 total | 11 with AECOM

CERTIFICATIONS

Professional Engineer (Mechanical):
FL# 77235
LEED AP, Building Design &
Construction #10363026-AP-BD+C
Certified Energy Manager

SELECT PROJECT EXPERIENCE

U.S. Postal Service (USPS) – P&DCs, Energy Audits, Nationwide. Lead engineer for energy audits at five major USPS Processing and Distribution Centers (P&DC) in the southeast. The sites included: Atlanta P&DC (457,000 SF), Atlanta L&DC (325,000sf), Birmingham P&DC (467,000 SF), Greenville P&DC (243,000 SF), and Montgomery P&DC (191,000sf) for a total of 1.7 million square feet. The audit included water, natural gas and electric utility rate analysis, energy use intensity (EUI) calculations, savings and cost analysis on energy cost opportunities (ECOs), opportunities for changes in O&M procedures, return on investment calculations, required equipment repairs, and detailed equipment list. ECOs included lighting and lighting controls, boilers, chillers, air-handling units (AHUs), HVAC controls, compressed air, plumbing fixtures, building envelope, and renewable energy systems.

USPS, Energy Audits, Bay Area, CA. Lead engineer for energy audits at 26 USPS offices and distribution centers in California. The sites included distribution centers in San Francisco, Oakland, and San Jose areas. The audit included water, natural gas and electric utility rate analysis, EUI calculations, savings and cost analysis on ECOs, opportunities for changes in O&M procedures, return on investment calculations, required equipment repairs, and detailed equipment list. ECOs included lighting and lighting controls, boilers, chillers, AHUs,

VALUE TO THE CITY. Has extensive experience with building energy modeling, high performance building design, property condition assessment, energy auditing, and building commissioning.

HVAC controls, compressed air, plumbing fixtures, building envelope, and renewable energy systems. All approved projects required a 20% ROI or better.

Delta Airlines, Hartsfield Jackson International Airport, Energy Program, Atlanta, GA. One of the managers and energy auditors for Delta Airlines energy program at Hartsfield Jackson International Airport. The scope included planning, monitoring, oversight and auditing of their multi-building campus. Building included technical operations (TOC), domestic and international kitchen, administration, and cargo. Energy cost measures (ECMs) for variable frequency drive (VFD) implementation, controls reset, air compressors, chillers, cooling towers, pumps, lighting retrofits, compressed air leak control, boiler controls upgrade, combined heat and power (CHP), and solar PV have resulted in an average yearly electricity reduction of 6% and a cost avoidance topping \$9 million annually for their ATL hub alone. All proposed projects required simple payback, life cycle cost analysis, and a report. As part of the program AECOM was also responsible for applying for energy rebates with Georgia Power.

NASA AMES, Energy Audits, Moffett Field, CA. Lead energy auditor at NASA's Ames Research Center. Five buildings were audited which he performed an ASHRAE Level 2 audit with EISA 432 requirements. ECMs studied included LED lighting upgrades, condensing boilers, photovoltaics (PV), air handling units, pump VFDs, heat pump package units, retro commissioning of controls, economizers, and cooling tower motor replacements.

Angel Flores, PE, CxA, CEM, Continued

San Diego Airport (SAN), Heat Recovery Chiller (HRC) Feasibility/ Energy Study, San Diego, CA. One of the engineers which performed a feasibility study and schematic design of HRC at the central utility plant (CUP) at the SAN. The HRC would provide 'free' heating and cover the heating base load. In addition to energy and operational cost savings, the adoption of a HRC facilitates the transition of heating fuel from natural gas to electricity, enabling the San Diego County Regional Airport Authority to progress towards its carbon neutrality goals set in the Strategic Energy Plan (STEP) and Carbon Neutrality Plan (CNP). A field investigation was performed to observe and document the piping installation, conditions, and space for additional equipment. AECOM provided an analysis of several alternatives that entail energy savings, equipment installation and piping replacement. Alternatives included leaving the existing chillers and implementing a new hot water supply temperature reset strategy, new heat recovery chiller which would take care of the plant's base heating demand, and an alternative to include electric boilers to eliminate their carbon footprint associated with hot water heating.

Pratt & Whitney, Engine Center, 3 Buildings, Energy Audits, Columbus, GA. Energy auditor at three Pratt & Whitney's engine centers located in Columbus, GA. The sites included approximately 1 million square feet of engine maintenance, admin, test cells, and central plants. The audit included natural gas and electric utility rate analysis, energy use intensity (EUI) calculations, savings and cost analysis on energy conservation measures (ECMs), and opportunities for changes in O&M procedures. ECMs included lighting retrofits and lighting controls, boiler controls upgrade, summer boiler, chiller replacements, AHU VFDs, HVAC controls, air compressor replacement, building envelope upgrades, renewable energy systems, and combined cooling, heating and power plant (CCHP) using absorption chiller (trigeneration). A full report with every ECM required carbon offset calculation along with phasing of projects to ensure no projects hindered another.

Tennessee Valley Authority (TVA), Energy Audit and Water Conservation Survey Boone Hydro Plant, Piney Flats, TN. Energy auditor for the TVA Boone Hydro Plant. Tasked to concentrate the study in five areas: 1) lighting, 2) energy management systems, 3) water conservation improvements, 4) heating ventilation, air-conditioning and variable frequency drives, and 5) architectural improvements. Performed the energy

audits for six different buildings on site which included the admin, oil storage, warehouse, maintenance, control, and powerhouse buildings. The energy and water conservation measures included LED lighting retrofits, low-flow fixtures, air-cooled chiller replacement, self-contained unit replacement, and NEMA premium efficiency motors. Annual electric, water, and O&M savings has been estimated at approximately \$16,000 annually with a simple payback of less than seven years.

CarMax, Inc., Net-Zero Greenhouse Gas Emissions Feasibility Study, Various, USA. Energy auditor for the CarMax Net-Zero Greenhouse Gas Emissions Feasibility project. AECOM was tasked to calculate all sources of greenhouse gas (GHG) emissions, perform desktop energy audits, and develop a net-zero feasibility analysis. Mr. Flores performed the desktop energy audits for 10 different Carmax locations across the United States. The ECMs included compressed air savings, adding variable frequency drives to vacuum motors to save approximately 25% in energy consumption, roof-top units controls upgrade to introduce demand control ventilation, and exterior LED lighting. Annual electric and gas savings has been estimated at approximately \$430,000 annually with a seven year payback.

USPS, Hicksville PDC, HVAC, ELEC, & Fire Protection Upgrades, Design and Construction Services, Hicksville, NY. Responsible for the feasibility study for the HVAC, electrical, and fire protection upgrades for the USPS Hicksville P&DC located in Hicksville, NY. Study included two new 100 ton chillers, two cooling tower cells, associated chilled water and condenser water pumps, six AHUs, VAV terminal units, fan-coil units, three 750 MBH condensing boilers, hot water pumps, baseboard heaters, exhaust fans, ductwork, pipes, and new building wide building automation system. The study also included fire protection dry pipe system upgrades and electrical panel, switchgear, transformer update. The scope included preliminary drawings, parametric cost estimates, energy modeling, life-cycle cost analysis of three alternatives, and basis of design report.

Laura Cloninger, ENV SP | GHG Inventory Update Lead



Laura has managed and supported projects for a wide variety of clients, including manufacturing, energy, municipalities, and airports. Most recently, her focus has been on climate mitigation, carbon emissions accounting and modeling, and carbon reduction and net zero strategy. Laura also served in a pivotal role with AECOM's Corporate Net Zero team, advising on internal GHG inventory development, data management processes, and net zero roadmap assessments and strategy.

VALUE TO THE CITY. Her leadership in sustainability initiatives, including her unique experience supporting AECOM's own Corporate Net Zero team, supports her role in delivering successful outcomes to meet the goals of sustainability-focused programs.

KEY SKILLS

Project Management Sustainability
GHG Accounting
Data Management
Decarbonization
Net Zero Planning
Regulatory Analysis
Agency Coordination
Environmental Compliance

EDUCATION

BS, Environmental Technology and Management, 2010

YEARS OF EXPERIENCE

14 total | 14 with AECOM

CERTIFICATIONS

Envision Sustainability Professional #49195
AECOM Lead Verifier: Air Quality
AECOM Certified Project Manager

SELECT PROJECT EXPERIENCE

Raleigh-Durham International Airport (RDU), Decarbonization Roadmap & Airport Carbon Accreditation Level 2, Raleigh, NC. Project Manager for the implementation phase of the GHG focus area identified in RDU's Sustainability Management Plan, which addresses RDU's opportunities to reduce GHG emissions and become a net zero airport by 2050. The AECOM team (including DBE/MBE/WBE subconsultant) and RDU kicked off this project in the fall of 2024, which involves establishing GHG emissions baseline calculations, identifying emissions reductions strategies, forecasting RDU's future emissions, and establishing an interim milestone on the way to achieving net zero carbon emissions by 2050. This work will be combined into a GHG Emissions Roadmap to document the plan and guide RDU through implementation. Additionally, the AECOM team is supporting RDU with preparing to apply for and achieve airport carbon accreditation for the first time.

North American Freight Railway Client, GHG and Sustainability Services. Project manager and lead sustainability consultant for a team which prepares the annual quantification of BNSF-wide annual Scope 1,2, and locomotive Scope 3 GHG emissions, carbon avoided by choosing rail shipping instead of long-haul trucking, and criteria air pollutant emissions each year on an accelerated schedule for client's internal reporting requirements. Additionally, the AECOM team provides ongoing on-call sustainability consulting services for activities such as quantification of emissions associated with equipment affected by proposed state regulations,

and evaluating GHG inventory alignment with logistics-specific frameworks and guidance such as the Smart Freight Centre Global Logistic Emissions Council and USEPA SmartWay.

Centralina Regional Council, Climate Action Planning. Project manager leading a team as a subconsultant responsible technical aspects of developing a regional Priority Climate Action Plan (PCAP) under award by the USEPA Climate Pollution Reduction Grant (CPRG) program for the Centralina region covering multiple counties across North Carolina and South Carolina. The PCAP was completed on an accelerated schedule in three months and included more than 100 carbon emission reduction measures identified through regional stakeholder collaboration. USEPA accepted the PCAP as addressing all CPRG program requirements and meeting eligibility for additional grant funding opportunities and will be further developed by the team into a Comprehensive Climate Action Plan.

City of Raleigh, GHG Inventory, Raleigh, NC. Project manager for development of the voluntary GHG inventory of community-wide and local government operations. Led a team to update the community-wide GHG inventory for 2022, including data collection and analysis, calculation preparation, and report development, in alignment with the Global Protocol for Community Scale GHG Inventories. The project included evaluating the results against the City's GHG emission reduction target, updating future emissions forecasts, and assessing potential interim target options.

Laura Cloninger, ENV SP, Continued

Leeward Renewable Energy (LRE), GHG Inventory Development. Project manager for the development of the company's first GHG inventory and inventory management plan, including emission source identification, data collection, and GHG quantification aligned to the GHG protocol.

Additionally, developed an Excel based tool for LRE to quantify the GHG emissions avoided from the operation of renewable energy sites, and to estimate GHG emissions avoided from planned sites to be constructed.

Baltimore/Washington International Thurgood Marshall Airport and Martin State Airport, Decarbonization Roadmaps, Anne Arundel County, MD. Technical lead for coordinating and reviewing subconsultant's preparation of the baseline GHG emissions for both airports aligned to Airport Carbon Accreditation requirements, forming the basis for the remainder of the project, to include setting decarbonization goals and key performance indicators (KPI), identifying decarbonization, electrification, and resilience opportunities, and creating implementation scenarios that address future energy needs in alignment with the Authority, State, and Federal goals. The roadmaps outline a pragmatic, cost effective, and implementable approach to achieve MAA's long-term goals of reducing environmental footprint and minimizing costs. Project includes detailed assessment of solar, energy storage, and microgrid feasibility at BWI airport.

Phoenix Sky Harbor International Airport (PHX), Airport Carbon Accreditation Level 4, Phoenix, AZ. Primary technical resources developing the GHG inventory and guiding the application preparation process for achieving one of the first Airport Carbon Accreditation Level 4 certifications in the U.S. Collaborated with client to gather relevant data and assumptions needed to develop and documented PHX's GHG inventory, encompassing Scope 1, 2, and 3 emissions. Prepared the accreditation application according to ACA's requirements including required documentation and supporting information. Guided PHX through successful third-party verification required for accreditation.

Detroit Metropolitan Wayne County Airport (DTW), Airport Carbon Accreditation Level 3, Detroit, MI. Technical lead for the airport's Level 3 accreditation application, including a Scope 1, 2, and 3 GHG emissions inventory, carbon management plan, and stakeholder engagement plan, on an expedited schedule to meet the accreditation deadline. Confirmed that the accreditation application was completed according to ACA's requirements including required documentation and supporting

information. Guided DTW through efficient third-party verification, with compliments from the verifying party on the thorough documentation and organization of DTW's application.

Manchester-Boston Regional Airport (MHT), Airport Carbon Accreditation Level 1, Manchester, NH. Technical advisor and reviewer for the airport's very first Level 1 accreditation application, including developing the base year Scope 1 and 2 GHG emissions inventory. Confirmed that the accreditation application was completed according to ACA's requirements including required documentation and supporting information.

San Francisco International Airport (SFO), Net Zero Carbon Plan, San Francisco, CA. Technical lead for evaluating the airport's existing Scope 3 carbon footprint, setting an ambitious Scope 3 GHG emissions reduction target covering the airport's largest sources of emissions, forecasting future emissions, and developing an implementation plan for making meaningful progress towards the selected Scope 3 target as part of the airport's Net Zero Carbon Plan.

John F. Kennedy International Airport (JFK), New Terminal 6 GHG Model Development, Queens, NY. Developed the GHG emissions model as part of the T6 design process, covering Scope 1, 2, and 3 emissions sources impacted by the terminal addition. Coordinated with the energy team to incorporate the modeled energy use into the GHG model.

AECOM Corporate Sustainability, Net Zero Planning and GHG Inventory. Supplier engagement and emissions data specialist in supporting AECOM's leading net zero targets. Originated development of a formal GHG Inventory Management Plan documenting inventory development procedures covering Scope 1, 2 and 3 emissions, including reporting data for leadership to track progress against targets. Manage Scope 3 emissions screening process using GHG Protocol's Scope 3 Evaluator Tool. Work with vendors and internal teams to calculate supply chain emissions, using both spend and primary data. Supporting development and implementation of Supplier Engagement Strategy for decarbonization of our supply chain, the largest emissions contributor, to include engaging and collaborating with key suppliers. Led AECOM's Scope 1 and 2 inventory and data improvement process for 700+ offices and locations globally, achieving third-party verification. Prepared submission to the Science Based Targets Initiative (SBTi) to update near-term targets and

Laura Cloninger, ENV SP, Continued

establish a net zero target. Additionally, developed tracking tools to support the Americas regional Net Zero Roadmap in aligning with the trajectory of AECOM's ambitious global emissions SBTi verified targets and goals and tracking progress based on actual annual emissions quantified and reported publicly.

Annual Air Emissions Inventories, Various US Clients. Technical support, Deputy Project Manager, and Project Manager for the development of air emissions inventories, including air emissions calculations in Microsoft Excel and reporting using state-specific reporting software. Improves reporting value by building thorough quality verification into the calculation and reporting process.

Various U.S. Clients, Air Quality Permitting and Compliance, NC, GA, SC, and MS. Technical lead, deputy project manager, and project manager for PSD/NSR permitting applicability evaluations and permit applications on accelerated time schedules. Prepared emissions calculations, application forms, and application reports for Title V permit renewals, major modification, minor modifications, and off-permit changes.

A satellite map of the state of Florida is shown. A large, semi-transparent green circle is centered over the state. Inside this circle, the number '10' is displayed in a large, bold, light green font. Below the number, the text 'Office Locations' is written in a smaller, white, sans-serif font. The background of the image is a satellite photograph showing the land and water of Florida and the surrounding Gulf of Mexico.

10





Office Locations

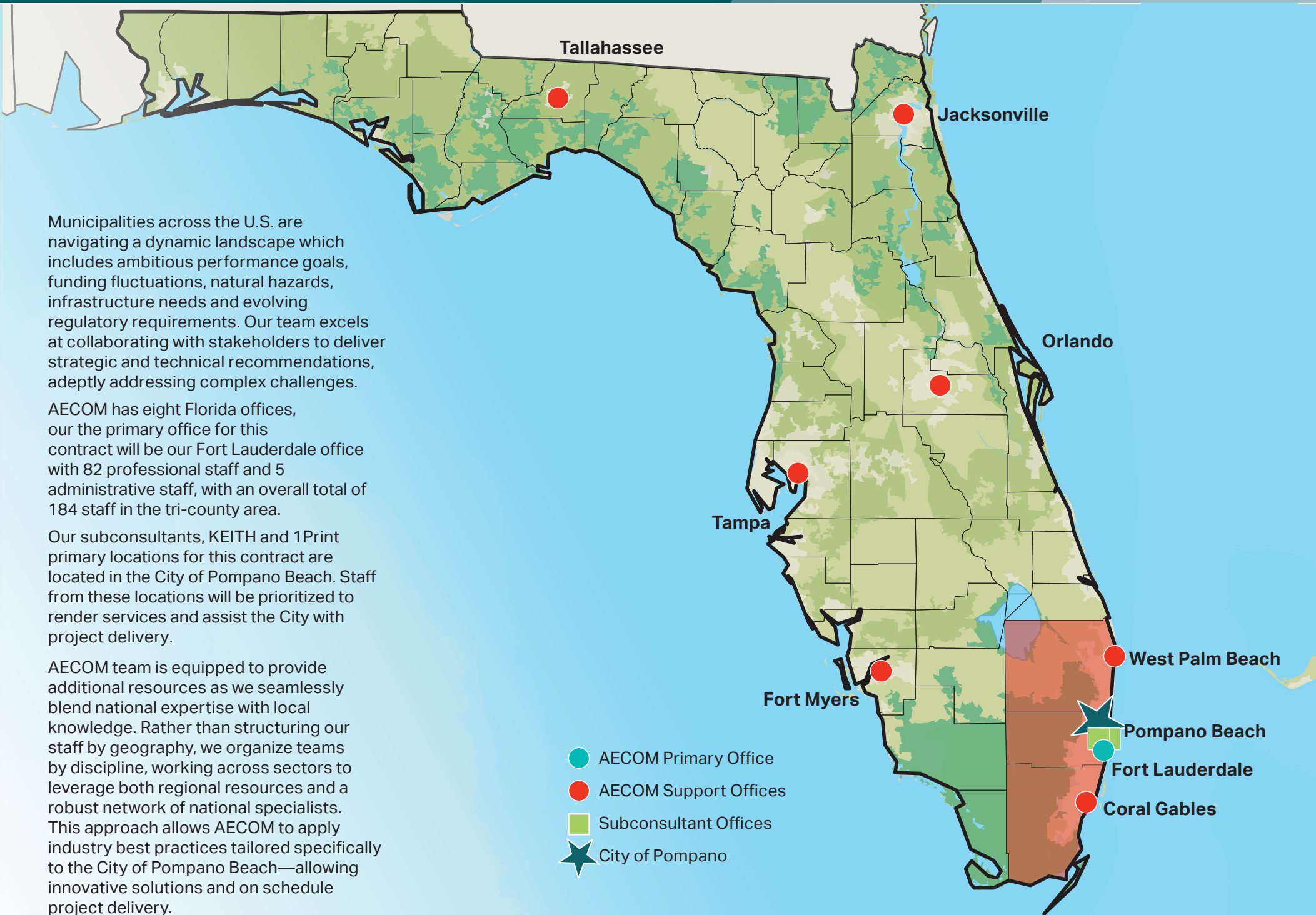
Municipalities across the U.S. are navigating a dynamic landscape which includes ambitious performance goals, funding fluctuations, natural hazards, infrastructure needs and evolving regulatory requirements. Our team excels at collaborating with stakeholders to deliver strategic and technical recommendations, adeptly addressing complex challenges.

AECOM has eight Florida offices, our the primary office for this contract will be our Fort Lauderdale office with 82 professional staff and 5 administrative staff, with an overall total of 184 staff in the tri-county area.

Our subconsultants, KEITH and 1Print primary locations for this contract are located in the City of Pompano Beach. Staff from these locations will be prioritized to render services and assist the City with project delivery.

AECOM team is equipped to provide additional resources as we seamlessly blend national expertise with local knowledge. Rather than structuring our staff by geography, we organize teams by discipline, working across sectors to leverage both regional resources and a robust network of national specialists. This approach allows AECOM to apply industry best practices tailored specifically to the City of Pompano Beach—allowing innovative solutions and on schedule project delivery.

-  AECOM Primary Office
-  AECOM Support Offices
-  Subconsultant Offices
-  City of Pompano





11

Litigation

**AECOM Technical Services, Inc. –
Litigation History (5 Years)**

AECOM Technical Services, Inc. (“ATS”) 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, ATS 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, ATS 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 ATS 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.

Litigation History (5 Years)

Claimant Name & Case Number	Date Filed & Venue	Status	Claim Description
Daniel P. Worzalla vs. American Multinational Engineering et.al. Case No. 25CV20	January 21, 2025 Portage County Circuit Court, State of Wisconsin	Pending	The Plaintiff, Daniel P. Worzalla, is representing himself (pro per) and has filed his Civil Suit against two County Supervisors along with various construction and engineering firms for “taking his land without permission or payment” as part of bridge replacement and improvement adjacent to his property.
The City of Coral Gables vs. The Weitz Company, LLC; AECOM Technical Services, Inc.; Travelers Casualty and Surety Company of America; Berkshire Hathaway Specialty Insurance Company; Fidelity and Deposit Company of Maryland; Zurich American Insurance Company Case No. 2024-023269-CA-01	December 6, 2024 The Circuit Court of the 11th Judicial Circuit in and for Miami-Dade County, Florida	Pending	On 12/6/2024, the City of Coral Gables, FL, filed a lawsuit against AECOM, The Weitz Company LLC, Travelers Casualty, Berkshire Hathaway Specialty Insurance, Fidelity and Deposit Company of Maryland, and Zurich American Insurance Company. The claims against AECOM are for breach of contract and negligence. The claims are associated with waterproofing of the building AECOM designed. The client (the City) had a waterproofing consultant do a review of leaks within the building and the report asserted that the leaks observed (depending on location) were caused by design errors, construction issues, and/or owner decisions. Design errors would be attributable to AECOM, and AECOM has denied liability. It continues to be the design team's position that water intrusion issues were related to construction execution and not design. AECOM continues to work with the City to facilitate a resolution.
Red Cityscape Development, LLC vs. Kiewit Infrastructure West Co., AECOM Technical Services, Inc. Case No. CV2024-031939	November 7, 2024 Superior Court of Arizona	Pending	RED Cityscape Development, LLC. filed a negligence claim against Kiewit Infrastructure West, CO on Nov 7, 2024. In turn, Kiewit sent an indemnity demand to AECOM on Nov 27, 2024. Additionally, Kiewit filed a third-party complaint on December 9, 2024 against AECOM Technical Services, Inc.
South Florida Motorsports, LLC, et.al. vs. Apex Circuit Design LTD, et.al. Case No. 2023-021255-CA-01	October 1, 2024 Circuit Court of Miami Dade County, Florida	Pending	AECOM Technical Services, Inc. received a notice of claim from the Owner of the Miami Formula 1 Racetrack project, South Florida Motorsports, LLC (SFM), under § 558.004(2) of the Florida Statutes on June 14, 2022. SFM on October 1, 2024, added ATS to the litigation filed by SFM and its contract manager, Moss & Associates, LLC (Moss). AECOM performed its work under a contract with SFM, dated March 29, 2021. SFM separately retained a “Lead Technical Consultant”, Apex Circuit Design, to review AECOM’s final design for the Formula 1 track standards. AECOM’s scope of work also excluded “cross slope analysis” and the design of the racetrack’s “final surfaces”, stating that these would be done by Apex. AECOM believes that the alleged design defects pertain to the “top layer” of the F1 Miami track designed by APEX and others. SFM decided to repave the entire top layer of track to be ready for the next May 2023 races at a cost of around \$15M. AECOM’s exposure is likely capped at \$5M because our agreement with SFM includes a \$5M Limitation of Liability cap, and consequential damages waiver.

Litigation History (5 Years)

Claimant Name & Case Number	Date Filed & Venue	Status	Claim Description
Vadnais Trenchless Services, Inc. vs. Oklahoma City Water Utilities Trust et al. Case No. CJ-2024-4170	June 28, 2024 District Court of Oklahoma County, State of Oklahoma	Pending	Plaintiff, a pipeline construction contractor, has asserted claims against AECOM Technical Services, Inc., the Owner and the prime design consultant for differing site conditions for shaft excavation and tunneling on a pipeline project.
AECOM Technical Services, Inc. vs. Pegasus Link Constructors, JV, et al. Case No. DC-23-08147	April 23, 2024 (Counterclaim) June 16, 2023 (Initial claim) In the District Court 298th Judicial District Dallas, Texas	Pending	ATS filed lawsuit against design-builder to recover unpaid amounts on highway project located in Dallas, TX. Design-builder filed counterclaim against ATS for alleged design errors and omissions on project.
Willoughby Eastlake City School District vs. AECOM Technical Services, Inc. and Thendesign Architecture, Inc. Case No. 24CV000204	February 13, 2024 Court of Common Pleas, Lake County, Painesville, Ohio	Pending	On February 13, 2024, the Willoughby-Eastlake City School District filed a Complaint for money damages in the Lake County Ohio Court of Common Pleas against AECOM Technical Services, Inc. on claims arising from the project known as the West End Lake County YMCA and South High School at Union Village. AECOM was the Construction Manager for the Project. The School District alleges that the soil material used by AECOM's subcontractor, Great Lakes Crushing for fill did not meet the Project Specifications. The School District alleges that because AECOM and/or GLC recommended the use of the shale fill, it breached its warranty that this recommended material was fit for its intended purpose. The School District also alleges that AECOM breached its general warranty that its Work would be free of defects. The School District alleges that AECOM breached its standard of care. The Complaint also asserts that the buildings are experiencing continuing leaks through the building envelope system.
Florida International Consulting Engineers Design, Inc. vs. 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 ATS 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 vs. 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 ATS 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.

Litigation History (5 Years)

Claimant Name & Case Number	Date Filed & Venue	Status	Claim Description
Bragg Investment Company, Inc. dba Bragg Crane and Rigging Company vs. 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).
Hendrickson Transportation, LLC. vs. Rust Constructors, Inc., Shimmick Construction Company, AECOM Technical Services, Inc. Case No. 5:23-cv-06077-DGK	June 22, 2023 United States District Court for the Western District of Missouri	Pending	Hendrickson asserted four counts: breach of contract; unjust enrichment; veil-piercing; and principal-agent liability. On September 15, 2023, Rust and Shimmick filed joint motions to (i) dismiss Hendrickson's complaint and (ii) stay the proceedings. On January 16, 2024, the Court issued an Order finding that Hendrickson's claim was not ripe for judicial review and, as a result, dismissed the Complaint without prejudice (and finding the stay motions moot as a result).
Patrick's Auto Repair, LLC vs. State of Oklahoma ex rel Oklahoma Turnpike Authority, Sherwood Construction Co., Inc., AECOM-Duit Joint Venture, LLC, Gilcrease Constructors: a joint venture, Duit Construction Company and AECOM Corporation Case No. CJ-2023-2031	June 8, 2023 District Court of Tulsa County, Oklahoma	Pending	Plaintiff, Patrick's Auto Repair, bought this lawsuit against the defendants alleging that his business, which is located adjacent to the Gilcrease Expressway expansion in the Tulsa area caused noise, vibration, denial of access, excessive dust and business closure during the construction of the project which harmed his business.
Grand Trunk Western Railroad Company vs. 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 vs. 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 vs. 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 vs. 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.

Litigation History (5 Years)

Claimant Name & Case Number	Date Filed & Venue	Status	Claim Description
Coffman Specialties and Hillwood Construction Services vs. 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 vs. 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	Dismissed 2024	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 partied AECOM and others into the suit. AECOM was performing Construction Engineering and Inspection for the City of New Haven.
Kiewit Infrastructure South Co., vs. 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. vs. 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 have been named in the matter at this time.
AECOM Technical Services, Inc. vs. United States ASBCA No. 62800	February 9, 2021 Armed Services Board of Contract Appeals	Pending	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, ATSI 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.
Flatiron West, Inc. vs. City of Oakland v. AECOM Case No. RG19041029	January 29, 2021 County of Alameda, Rene C. Davidson Court House	Settled 2024	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 ATS/TY Lin Joint Venture, and ATS 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.

Litigation History (5 Years)

Claimant Name & Case Number	Date Filed & Venue	Status	Claim Description
Colonial Pipeline Company vs. Metropolitan Nashville Airport Authority and AECOM Technical Services, Inc. Case No. 3:20-cv-00666	July 31, 2020 United States District Court for the Middle District of Tennessee Nashville Division	Settled Nov 2024	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.
United States of America vs. AECOM, Emergency Response Program Management Consultants, AECOM Technical Services, Inc., AECOM Recovery, and Louisiana Department of Education Case No. 2:16-cv-15092-EEF-KWR	July 28, 2020 Eastern District of Louisiana	Settled October 2023	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.
LLS, PLLC d/b/a Manor Kids Dentist vs. 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 vs. 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. vs. 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 ATS 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. vs. 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 vs. Sambe vs. 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 2025

A close-up photograph of a person's hands filling out a form with a pen. The person is wearing a grey long-sleeved shirt. The form is white with some text and lines. In the background, there is a blurred desk with a white mug and some papers. A circular graphic with a green outline and a dark teal center is overlaid on the image. The text "City Forms" is written in white inside the teal circle.

City Forms

Following this section are the following completed/signed forms.

- Proposers Information Form
- Project Team Form, included under Section 6 Project Team Form
- Tier 1/Tier 2 Compliance Form
- Vendor Certification Scrutinized Companies Form

Per RFP25-037, the above-referenced forms have been uploaded to IONWAVE under the Requested Attachments section.



COMPLETE THE PROPOSER INFORMATION FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRETY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RFQ IN THE EBID SYSTEM.

PROPOSER INFORMATION PAGE

RFQ 25-037, RFQ25-037 Professional Services for Sustainability Services
(number) (RFQ name)

To: The City of Pompano Beach, Florida

The below named company hereby agrees to furnish the proposed services under the terms stated subject to all instructions, terms, conditions, specifications, addenda, legal advertisement, and conditions contained in the RFQ. I have read the RFQ and all attachments, including the specifications, and fully understand what is required. By submitting this proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this proposal.

Proposal submitted by:

Name (printed) Keith Stannard Title Authorized Signatory

Company (Legal Registered) AECOM Technical Services, Inc.

Federal Tax Identification Number 95-266-1922

Address 110 East Broward Boulevard #700

City/State/Zip Ft. Lauderdale, FL 33301

Telephone No. 954.474.3184 Fax No. Not Applicable

Email Address keith.stannard@aecom.com

TIER 1/TIER 2 COMPLIANCE FORM

IN ORDER FOR YOUR FIRM TO COMPLY WITH THE CITY’S LOCAL BUSINESS PROGRAM AS A TIER 1 OR TIER 2 VENDOR, BIDDERS MUST COMPLETE THE INFORMATION BELOW AND UPLOAD THE FORM TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

TIER 1 LOCAL VENDOR

_____ My firm has maintained a permanent place of business within the city limits and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 10 % of the contract value.

and/or

_____ My firm has maintained a permanent place of business within the city limits and maintains a staffing level, within this local office, of at least 10 % who are residents of the City of Pompano Beach.

or

_____ My firm does not qualify as a Tier 1 Vendor.

TIER 2 LOCAL VENDOR *

X_____ My firm has maintained a permanent place of business within Broward County and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 20% of the contract value.*

and/or

_____ My firm has maintained a permanent place of business within Broward County and maintains a staffing level, within this local office, of at least 15% who are residents of the City of Pompano Beach

or

_____ My firm does not qualify as a Tier 2 Vendor.

I certify that the above information is true to the best of my knowledge.

May 29, 2025
Date

Keith Stannard, Authorized Signatory

Bidder/Proposer (Print Name)

AECOM Technical Services, Inc.
Name of Prime Company/Firm



Bidder/Proposer (Signature)

*1Print LLC has a facility (1385 Hammondville Rd Pompano Beach, FL 33064) with the City of Pompano Beach, we anticipate they will qualify as a local vendor by the time of contract. At this time, we can only certify that 20% of work contract to the AECOM team will be given to Keith and Associates, Inc.



**CITY OF POMPAÑO BEACH
BUSINESS TAX RECEIPT
FISCAL YEAR: 2024 - 2025**

Business Tax Receipt Valid from: October 1, 2024 through September 30, 2025

4441589

9/11/2024

KEITH AND ASSOCIATES INC
301 E ATLANTIC BL

POMPAÑO BEACH FL 33060

THIS IS NOT A BILL

THIS IS YOUR BUSINESS TAX RECEIPT. PLEASE POST IN A CONSPICUOUS PLACE AT THE BUSINESS LOCATION.

BUSINESS OWNER: KEITH AND ASSOCIATES INC
BUSINESS LOCATION: 301 E ATLANTIC BL POMPAÑO BEACH FL

RECEIPT NO: 25-00065569
CLASSIFICATION PROFESSIONAL OFFICE (SEE REQUIREMENTS)

NOTICE: A NEW APPLICATION MUST BE FILED IF THE BUSINESS NAME, OWNERSHIP OR ADDRESS IS CHANGED. THE ISSUANCE OF A BUSINESS TAX RECEIPT SHALL NOT BE DEEMED A WAIVER OF ANY PROVISION OF THE CITY CODE NOR SHALL THE ISSUANCE OF A BUSINESS TAX RECEIPT BE CONSTRUED TO BE A JUDGEMENT OF THE CITY AS TO THE COMPETENCE OF THE APPLICANT TO TRANSACT BUSINESS. **THIS DOCUMENT CANNOT BE ALTERED.**

BUSINESS TAX RECEIPTS EXPIRE SEPTEMBER 30TH OF EACH YEAR

REQUESTED INFORMATION BELOW IS ON THE ATTRIBUTES TAB IN THE EBID SYSTEM. PROVIDE THIS INFORMATION ELECTRONICALLY.

VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES LISTS

Respondent Vendor Name: AECOM Technical Services, Inc.

Vendor FEIN: 95-266-1922

Section 287.135, Florida Statutes, prohibits agencies from contracting with companies, for goods or services over \$1,000,000, that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List. Further, Section 215.4725, Florida Statutes, prohibits agencies from contracting (at any dollar amount) with companies on the Scrutinized Companies that Boycott Israel List, or with companies that are engaged in a boycott of Israel. As the person authorized to sign electronically on behalf of Respondent, I hereby certify by selecting the box below that the company responding to this solicitation is not listed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List. I also certify that the company responding to this solicitation is not participating in a boycott of Israel, and is not engaged in business operations in Syria or Cuba. I understand that pursuant to sections 287.135 and 215.4725, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney’s fees, and/or costs.

I Certify
☒

VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES LISTS

Respondent Vendor Name: _____

Vendor FEIN: _____

Section 215.4725, Florida Statutes, prohibits agencies from contracting (at any dollar amount) with companies on the Scrutinized Companies that Boycott Israel List, or with companies that are engaged in a boycott of Israel. As the person authorized to sign electronically on behalf of Respondent, I hereby certify by selecting the box below that the company responding to this solicitation is not listed on the Scrutinized Companies that Boycott Israel List. I also certify that the company responding to this solicitation is not participating in a boycott of Israel, and is not engaged in business operations in Syria or Cuba. I understand that pursuant to sections 287.135 and 215.4725, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney’s fees, and/or costs.

I Certify
☐

A close-up photograph of a person's hand using a calculator. The hand is holding a pen and pressing a button on the calculator. A circular graphic with a teal center and a yellow border is overlaid on the image, containing the text 'AECOM Financial Statements'. In the background, there is a laptop and some papers, suggesting a business or financial setting.

AECOM Financial Statements

AECOM Technical Services, Inc., financial statements are marked confidential and are not included in our proposal. Copies of our 2023 and 2024 Audited Financial Statements have been uploaded to IONWAVE, under Section 7 Financial Statements.





Attributes

In IONWAVE, under the Bid Attributes tab, AECOM has answered the following statements:

Attributes

1. Local Business
2. Drug-Free Workplace
3. Conflict of Interest
4. Terms & Conditions
5. Acknowledgement of Addenda
6. Local Business Participation Percentage



About AECOM

AECOM is the global infrastructure leader, committed to delivering a better world. As a trusted professional services firm powered by deep technical abilities, we solve our clients' complex challenges in water, environment, energy, transportation and buildings. Our teams partner with public- and private-sector clients to create innovative, sustainable and resilient solutions throughout the project lifecycle – from advisory, planning, design and engineering to program and construction management. AECOM is a Fortune 500 firm that had revenue of \$16.1 billion in fiscal year 2024. Learn more at aecom.com.

EXHIBIT “B”

EXHIBIT _B_

INSURANCE REQUIREMENTS : RFQ25-037 – PROFESSIONAL SERVICES FOR SUSTAINABILITY PROJECTS

CONTRACTOR shall not commence services under the terms of this Agreement until certification or proof of insurance detailing terms and provisions has been received and approved in writing by the CITY's Risk Manager. If you are responding to a bid and have questions regarding the insurance requirements hereunder, please contact the City's Purchasing Department at (954) 786-4098. If the contract has already been awarded, please direct any queries and proof of the requisite insurance coverage to City staff responsible for oversight of the subject project/contract.

CONTRACTOR is responsible to deliver to the CITY for timely review and written approval/disapproval Certificates of Insurance which evidence that all insurance required hereunder is in full force and effect and which name on a primary basis, the CITY as an additional insured on all such coverage. **Such policy or policies shall be issued by United States Treasury approved companies authorized to do business in the State of Florida. The policies shall be written on forms acceptable to the City's Risk Manager, meet a minimum financial A.M. Best and Company rating of no less than Excellent, and be part of the Florida Insurance Guarantee Association Act. No changes are to be made to these specifications without prior written approval of the City's Risk Manager.**

Throughout the term of this Agreement, CITY, by and through its Risk Manager, reserve the right to review, modify, reject or accept any insurance policies required by this Agreement, including limits, coverages or endorsements. CITY reserves the right, but not the obligation, to review and reject any insurer providing coverage because of poor financial condition or failure to operate legally.

Failure to maintain the required insurance shall be considered an event of default. The requirements herein, as well as CITY's review or acceptance of insurance maintained by CONTRACTOR, are not intended to and shall not in any way limit or qualify the liabilities and obligations assumed by CONTRACTOR under this Agreement.

Throughout the term of this Agreement, CONTRACTOR and all subcontractors or other agents hereunder, shall, at their sole expense, maintain in full force and effect, the following insurance coverages and limits described herein, including endorsements.

A. Worker's Compensation Insurance covering all employees and providing benefits as required by Florida Statute, Chapter 440, regardless of the size of the company (number of employees) or the state in which the work is to be performed or of the state in which Contractor is obligated to pay compensation to employees engaged in the performance of the work. Contractor further agrees to be responsible for employment, control and conduct of its employees and for any injury sustained by such employees in the course of their employment.

B. Liability Insurance.

(1) Naming the City of Pompano Beach as an additional insured as City's interests may appear, on General Liability Insurance only, relative to claims which arise from Contractor's negligent acts or omissions in connection with Contractor's performance under this Agreement.

(2) Such Liability insurance shall include the following checked types of insurance and indicated minimum policy limits.

Type of Insurance

Limits of Liability

GENERAL LIABILITY:

Minimum \$1,000,000 Per Occurrence and
\$2,000,000 Per Aggregate

* Policy to be written on a claims incurred basis

XX_ comprehensive form	bodily injury and property damage
XX_ premises - operations	bodily injury and property damage
___ explosion & collapse hazard	
___ underground hazard	
XX_ products/completed operations hazard	bodily injury and property damage combined
XX_ contractual insurance	bodily injury and property damage combined
XX_ broad form property damage	bodily injury and property damage combined
XX_ independent contractors	personal injury
XX_ personal injury	
___ CG2010	ongoing operations (or its' equivalent)
___ CG 2037	completed operations (or its' equivalent)
___ sexual abuse/molestation	Minimum \$1,000,000 Per Occurrence and Aggregate

AUTOMOBILE LIABILITY:

☒ Minimum \$1,000,000 Per Occurrence and Aggregate.
Bodily injury (each person) bodily injury (each accident),
property damage, bodily injury and property damage
combined.

XX comprehensive form	<input type="checkbox"/> Minimum \$10,000/\$20,000/\$10,000
XX owned	(Florida's Minimum Coverage)
XX hired	
XX non-owned	

Please note that Florida Statue Section 255.05 requires contractors who enter into a contract with the City to purchase a payment and performance bond when the contract is in excess of \$200,000.

REAL & PERSONAL PROPERTY

___ comprehensive form Agent must show proof they have this coverage.

EXCESS LIABILITY

Per Occurrence Aggregate

___ umbrella (Drop Down). bodily injury and \$1,000,000 \$1,000,000
 property damage combined

ENVIRONMENTAL/POLLUTION LIABILITY

Per Occurrence Aggregate

* Policy to be written on a claims made basis \$1,000,000 \$1,000,000

CONTRACTOR is required to provide Environmental/Pollution Liability for damage(s) caused by hazardous waste material.

PROFESSIONAL LIABILITY

Per Occurrence Aggregate

__XX__ * Policy to be written on a claims made basis \$1,000,000 \$1,000,000

CONTRACTOR is required to provide Professional Liability if engineering and design is used.

CYBER LIABILITY

Per Occurrence Aggregate

___ * Policy to be written on a claims made basis \$1,000,000 \$1,000,000

___ Network Security / Privacy Liability

___ Breach Response / Notification Sublimit (minimum limit of 50% of policy aggregate)

___ Technology Products E&O - \$1,000,000 (only applicable for vendors supplying technology related services and or products)

___ Coverage shall be maintained in effect during the period of the Agreement and for not less than four (4) years after termination/ completion of the Agreement.

CRIME LIABILITY

Per Occurrence Aggregate

___ * Policy to be written on a claims made basis \$1,000,000 \$1,000,000

(3) If Professional Liability insurance is required, Contractor agrees the indemnification and hold harmless provisions of Section 12 of the Agreement shall survive the termination or expiration of the Agreement for a period of three (3) years unless terminated sooner by the applicable statute of limitations.

C. Employer's Liability. CONTRACTOR and all subcontractors shall, for the benefit of their employees, provide, carry, maintain and pay for Employer's Liability Insurance in the minimum amount of One Hundred Thousand Dollars (\$100,000.00) per employee, Five Hundred Thousand Dollars (\$500,000) per aggregate.

D. Policies: Whenever, under the provisions of this Agreement, insurance is required of the CONTRACTOR, the CONTRACTOR shall promptly provide the following:

- (1) Certificates of Insurance evidencing the required coverage;
- (2) Names and addresses of companies providing coverage;
- (3) Effective and expiration dates of policies; and
- (4) A provision in all policies affording CITY thirty (30) days written notice by a carrier of any cancellation or material change in any policy.

E. Insurance Cancellation or Modification. Should any of the required insurance policies be canceled before the expiration date, or modified or substantially modified, the issuing company shall provide thirty (30) days written notice to the CITY.

F. Waiver of Subrogation. CONTRACTOR hereby waives any and all right of subrogation against the CITY, its officers, employees and agents for each required policy. When required by the insurer, or should a policy condition not permit an insured to enter into a pre-loss agreement to waive subrogation without an endorsement, then CONTRACTOR shall notify the insurer and request the policy be endorsed with a Waiver of Transfer of Rights of Recovery Against Others, or its equivalent. This Waiver of Subrogation requirement shall not apply to any policy which includes a condition to the policy not specifically prohibiting such an endorsement, or voids coverage should CONTRACTOR enter into such an agreement on a pre-loss basis.

Please note that Florida Statue Section 255.05 requires contractors who enter into a contract with the City to purchase a payment and performance bond when the contract is in excess of \$200,000.