



# VULNERABILITY ASSESSMENT FOR THE CITY OF FORT LAUDERDALE

April 20, 2023





# CONTENTS

EXECUTIVE SUMMARY	1
EXPERIENCE & QUALIFICATIONS	3
APPROACH TO SCOPE OF WORK	7
REFERENCES	20
MINORITY/WOMEN (M/WBE) PARTICIPATION	22
SUBCONTRACTORS	23
REQUIRED FORMS	24



## SECTION 1

# EXECUTIVE SUMMARY

## FIRM BACKGROUND

### PRIME CONSULTANT

**Bermello Ajamil & Partners, Inc. (BA)** office that will service this contract is conveniently located in downtown Fort Lauderdale, a few minutes drive from City Hall. BA is a global interdisciplinary A/E firm that employs more than 130 professionals and offers services in Architecture, Engineering, Planning, Landscape Architecture, Interior Design, and Construction Services. Headquartered in Miami, BA has offices in Fort Lauderdale, Orlando, Tampa, New York, and Denmark, and is recognized for its award-winning designs and extraordinary service, which spans over 80 years and 6 continents.

BA's Primary office for this contract: 900 SE 3rd Avenue, Suite 100, Fort Lauderdale, FL 33316

### SUBCONSULTANTS

**Cummins Cederberg (CC)** is an integral part of the team performing the countywide resiliency study for Broward County evaluating sea level rise and storm impacts as it relates to the critical infrastructure and the county overall. In collaboration with BA, Cummins Cederberg has experience in conducting Vulnerability Analyses in Ocean Cay and Stirrup Cay in Bahamas, Marathon Resiliency Study, Cocoplum Beach Adaptation Plan, and the Town of Miami Springs Vulnerability Assessment. Most recently, Cummins Cederberg was an integral part of the team that conducted a vulnerability assessment for Apalachee Regional Planning Council, a 9-county council, producing flood depth maps and conducting critical asset inventories for 4 coastal counties. The experience brought by Cummins Cederberg with the past history of working together with BA will benefit the project in the execution and quality of the work. Cummins Cederberg, like BA has an office in Ft. Lauderdale, a few minutes from the City Hall.

**Premiere Design Solutions, Inc. (PDS)** is an award-winning engineering, surveying and mapping company with headquarters in Miramar, Broward County. PDS has been and is currently working with BA in several projects in South Florida and they will be responsible to provide the Elevations Certificates for the critical assets, as needed. Projects in Fort Lauderdale include Park Bonds Improvements and Ft. Lauderdale/Hollywood Airport.

## KEY INDIVIDUALS

One of the most significant qualifications of the BA team brings is our understanding of the City's goals and needs. This knowledge has been gained through literally living, working and playing in the City. We have more than 30 years of experience working on numerous local projects including Port Everglades, the Ft. Lauderdale/Hollywood Airport or the North Fork of New River. For this assignment BA proposes the following key individuals:



**Principal in Charge - Luis Ajamil, PE** is the founder, CEO and President of BA with over 40 years of experience in civil engineering and planning projects in South Florida and worldwide. For more than 30 years, Luis Ajamil has led master planning efforts for Port Everglades, Port Canaveral and PortMiami and he was in charge for planning many award winning projects like The World in Dubai.



**Project Manager - Jose L. Lopez, PE, PMP, ENV SP** has been a resident of Broward County for 35 years and has served on the Broward County Technical Advisory Committee 12 years. Jose Lopez worked for 14+ years as a Lead Engineer/Project Manager at the SFWMD Broward Service Center where he was responsible for managing and implementing several projects with the City of Fort Lauderdale, including improvements to the North Fork of New River and the sanitary sewer improvements.





**Civil Engineering - Alejandro Marinucci** is a Junior Engineer with 4 years in civil engineering and GIS experience. Alejandro will be responsible for coordinating with the City of Fort Lauderdale staff and Broward County staff on existing GIS and LiDAR data to assess critical assets and inundation modeling. Alejandro will also assist the planning group in the Vulnerability Assessment and Adaptation Action Plan.



**Public Involvement Support - Teresita Garcia** has 30+ years of experience in the fields of planning, public participation, governmental and media relations. Her training as an architect and planner will provide assistance to the City of Fort Lauderdale staff with a unique perspective in understanding complex technical issues related to sea level rise and resiliency and translate them into plain language for the public. Tere Garcia will be coordinating with the City staff on preparing the presentations and other materials for public meetings, as needed.



**Modeling - Jannek Cederberg, PE** is one of the founders of Cummins Cederberg. As Principal Engineer, Jannek's expertise is in waterfront planning and sea level rise adaptation master plans. Jannek has worked with BA on several modeling and vulnerability assessment projects, including Port Everglades Master Plan 2018 Update, Marathon Resiliency Study, Cocoplum Beach Adaptation Action Plan and he is currently working with Jose on the Vulnerability Assessment and Adaptation Action Plan for the City of Miami Springs. He is regularly consulted on coastal resiliency and vulnerability and provides guidance on FEMA flood maps and building requirements. Jannek will provide key input in the modeling task and help with viable coastal adaptation solutions for vulnerable areas within the project site.



**Floodplain Mapping - Leonard Barrera Allen, PE, CFM** is a Senior Coastal Engineer and Certified Floodplain Manager at Cummins Cederberg with more than nine years of experience engaging in the numerical modeling, design, and construction of resilient coastal infrastructure. Leonard is proficient in the numerical models used to simulate the impacts of storm surge, king tide, and general coastal flooding. Leonard will be responsible for developing the technical workflows required to conduct the flood depth mapping consistent with the requirements of the Florida Resilient Grant Program.



**GIS Mapping - Brent Gore, GISP** is a professional geographer and certified GIS Professional at Cummins Cederberg with over 10 years of experience directing and supporting various GIS-related projects with geospatial, cartographic products, and database management. Brent will serve as the technical lead for the GIS analyses required for the vulnerability assessment and will ensure the collected GIS deliverables follow FDEP's Resilient Florida Planning Grants GIS Data Standards.



**Elevation Certificates - Gustavo Eckardt, PE** will be responsible for the elevation certificates, overseeing activities and coordination of tasks and deliverables. Gustavo Eckardt has 20+ years of professional experience managing government projects of over \$5M in engineering consulting fees. He knows all of the agencies in South Florida very well as he has worked on multiple projects for Broward County Transit, Miami- Dade Transit, Broward County Aviation Department, Broward County Water Wastewater Services, and several other municipalities.

## KEY ELEMENTS OF THE PROPOSAL

As a team who has extensive experience working together on similar studies we will deliver the highest quality work and provide valuable support to ensure the City's goals and objectives are met. The key elements of our vulnerability assessment study include:

- Collect City GIS and County LiDAR background information on critical assets with the elevation certificates;
- Model for sea level inundation;
- Prepare an exposure analysis, sensitivity and resiliency analysis; and
- Determine focus areas followed by the completion of an Adaptation Action Plan and recommendations in coordination with City staff and Steering Committee with stakeholders input.

**Ensuring that the elevation certificates** for the critical assets are generated accurately and delivered on-time, as noted in Task 3 will be a key element. BA and PDS have proven experience working together to successfully deliver elevation certificates on similar studies for Miami Springs and Town of Medley. Professional Surveyor and Mapper, PDS will work with the City of Fort Lauderdale to ensure the quality and accuracy of the data collected. Gustavo Eckardt brings 30+ years of experience in data collection and will lead this task.

**Supporting the City with stakeholder input** will also be a key element in this study. BA will coordinate with the City staff to select a Steering Committee and engage stakeholders from the early planning phase so that the team understands their particular issues and incorporate their input in the process and recommendations. We know how important it is to build a collective understanding of the challenges that climate change poses to the area and to envision coastal resiliency infrastructure that exploits rather than disrupts this connection to water. We bring valuable insight from previous projects like the Marathon Resiliency Plan and Cocoplum Beach Vulnerability Assessment and Adaptation Action Plan Study and the Arch Creek Outreach Plan. Messaging is important in the development of the proposed content, tone, type and resiliency approach, from "asking" to "telling", any effects that each strategy would have on stakeholders and what actions can be taken.



## SECTION 2

# EXPERIENCE & QUALIFICATIONS

## BA'S YEARS OF EXPERIENCE

BA has more than 30 years of experience in providing the professional engineering services as it relates the coastal communities, master planning, and designing for resiliency.

## PAST PROJECTS OF SIMILAR SIZE & SCOPE

BA's team brings similar experience in sustainability, resiliency and sea level rise having worked closely with Broward County Environmental Protection & Growth Management Department (EPGMD), the SFWMD and the USCOE in the Resiliency Coordination Forum, Broward County Technical Advisory Community and a network of community, academic and government partners to understand how sea level rise impacts flood risks in South Florida coastal areas.

BA has planned and designed infrastructure projects for many coastal and maritime similar in size to Ft. Lauderdale, including:

- City of Marathon Coastal Resiliency Study (Cost \$50,000)
- City of Marathon Resiliency Study and Adaptation Action Area Plan for Cocoplum Beach (Cost \$76,500)
- City of Miami Springs Resiliency Study and Adaptation Action Area Plan (Cost \$174,600)
- Town of Medley Resiliency Study and Adaptation Action Area Plan (Cost \$174,600)

Sea levels in South Florida are expected to be 14 to 26 inches higher in the next 50 years, and the City of Fort Lauderdale as well as Broward County requires that all capital projects comply with State Requirements (Governor Executive Order 23-06) to consider the impacts of sea level rise and assess the vulnerability of its critical facilities including utilities, surface water management, and other infrastructures for future funding alternatives. BA has been leading these efforts by planning and designing sustainable waterfront projects like Deerfield Beach's Sullivan Park, City of Key West's Truman Waterfront Park, and cruise terminals at Port Everglades and PortMiami, as well as development of three private islands for cruise lines in the Bahamas.

As indicated in the schedule section page 18, BA is using its past experience in similar projects to plan the different tasks to ensure each deliverable is completed on time and on budget.

## SUSTAINABLE BUSINESS PRACTICES

As a member of the US Green Building Council (USGBC), BA's in-house protocols as well as business designs incorporate innovative and sustainable solutions that celebrate the natural environment, energy conservation, compliment the built environment, promotes sustainability, as well as the use of green spaces. Our team of 10 in Energy & Environmental Design (LEED) and ENVISION certified professionals brings expertise in resiliency planning and designing infrastructure projects considering the community aesthetics and enhancements, planning and design of open spaces for any project.



Specific BA's in-house protocols include recycling glass bottles and aluminum cans; providing a compost bin for food waste in the break rooms; using energy-efficient appliances and renewable energy, like solar, when possible; installing sensors for cost effective and effective utility uses, like lighting, air conditioning and water use conservation fixtures like low flow toilets and sinks; using reusable mugs and cups, bags and water bottles, instead of disposable ones; go digital, op-out of receiving snail-mail among other alternatives.

Day to day BA operation practices integrate a hybrid model of remote and in-office protocol for employees, with enough flexibility to encourage environmental conscious operations. BA also promotes using public transportation or car-pooling among employees and implements employee sustainability training to reduce their own emissions while at home.

# BUSINESS STRUCTURE

Bermello Ajamil & Partners is a Corporation registered to do business in the State of Florida. BA's corporate headquarters is located at:  
4711 S. LeJeune Road, Coral Gables, FL 33146  
Ph: 305.850.2050  
Fx: 305.859.9638  
Website: [beremelloajamil.com](http://beremelloajamil.com)

## CONTACT PERSON

**Jose Lopez, PE, PMP, ENV SP**  
Email: [jlopez@beremelloajamil.com](mailto:jlopez@beremelloajamil.com) Ph: 954.998.1161 Cell: 954.260.5383  
900 SE 3rd Avenue, Suite 100, Fort Lauderdale, FL 33316

# State of Florida Department of State

I certify from the records of this office that BERMELLO, AJAMIL & PARTNERS, INC. is a corporation organized under the laws of the State of Florida, filed on February 28, 1977.


The document number of this corporation is 528526.

I further certify that said corporation has paid all fees due this office through December 31, 2023, that its most recent annual report/uniform business report was filed on January 10, 2023, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Tenth day of January, 2023*



  
Secretary of State

Tracking Number: 7772343052CC

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

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

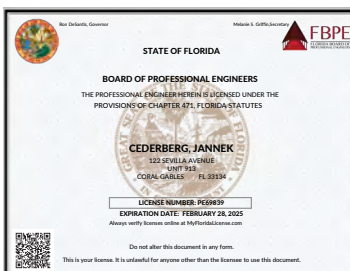
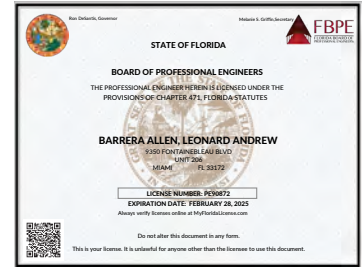
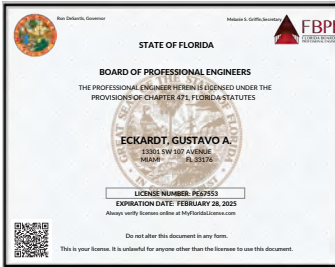
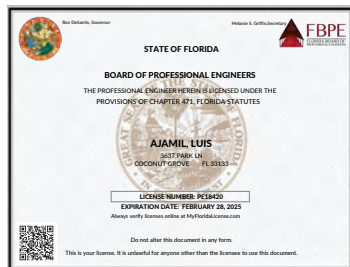
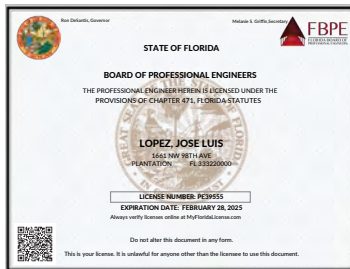
## RELATIVE FIRM SIZE

BA employs 136 professionals including management, technical and support staff.

BA Employees	
Architectural Designers	50
Administrative	25
Engineers	10
Construction Inspector	1
Interior Designers	10
Landscape Architects / Designers	8
Planner: Urban/Regional	7
Specifications Writer	1
Project Manager	14
<b>Total Professionals</b>	<b>136</b>

## LICENSES & REGISTRATIONS

Licenses for our proposed staff.





# MINORITY OR WOMAN OWNED BUSINESS

Cummins Cederberg, Inc. is a certified Broward County CBE located in Broward County, Florida.

Premiere Design Solutions, Inc. is a certified Broward County CBE and SBE located in Broward County, Florida.



**OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT**  
 Governmental Center Annex  
 115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301 • 954-357-6400

November 14, 2022

Mr. Luis Jurado  
**PREMIERE DESIGN SOLUTIONS, INC.**  
 11605 City Hall Promenade, Suite 200  
 Miramar, Florida 33025

Dear Mr. Jurado:

The Broward County Office of Economic and Small Business Development (OESBD) is pleased to announce that your firm's **County Business Enterprise (CBE)** certification has been renewed.

Your firm's certification is continuing from your anniversary date but is contingent upon the firm verifying its eligibility annually through this office. You will be notified in advance of your obligation to continue eligibility in a timely fashion. However, the responsibility to ensure continued certification is yours. Failure to document your firm's continued eligibility for the CBE program within **thirty (30) days** from your anniversary may result in the expiration of your firm's certification. Should you continue to be interested in certification after it has expired, you will need to submit a new application, and all required supporting documentation for review.

To review current Broward County Government bid opportunities, visit: [www.broward.org/Purchasing](http://www.broward.org/Purchasing) and click on "Current Solicitations and Results." Also, from this website, you can log into your firm's profile in BidSync to ensure you have added all appropriate classification codes. Bid opportunities over \$3,500 will be advertised to vendors via e-mail and according to classification codes, so please ensure that both the Purchasing Division and OESBD are apprised of your current e-mail address.

Your primary certification group is: **Architecture/Engineering Services**. This is also how your listing in our directory will read. You may access your firm's listing by visiting the Office of Economic and Small Business Development Directory, located on the internet at: [www.broward.org/EconDev](http://www.broward.org/EconDev) and click on "Certified Firm Directories."

Your firm may compete for, and perform work on Broward County projects in the following area:

**NAICS CODE:** 541330

We look forward to working with you to achieve greater opportunities for your business through county procurement.

Sincerely,

SANDY-MICHAEL  
 MCDONALD

Digitally signed by SANDY-MICHAEL MCDONALD  
 Date: 2022.11.22 09:49:12  
 +0500

Sandy-Michael McDonald, Director  
 Office of Economic and Small Business Development

**Cert Agency: BC-CBE**  
**ANNIVERSARY DATE: SEPTEMBER 19<sup>TH</sup>**

Broward County Board of County Commissioners  
 Mark D. Bogin • Lamar P. Fisher • Sean Furr • Steve Geller • James E. Moskowitz • Nath H. Rich • Tim Ryan • Michael Udine  
[www.broward.org](http://www.broward.org)





## SECTION 3

# APPROACH TO SCOPE OF WORK

## UNDERSTANDING OF GOALS & OBJECTIVES

BA understands the City's needs based upon our team members firsthand experience with the City, attending workshops/meetings organized by the City staff and Broward County (e.g. Broward County Surface Water Coordination Committee, BC Water Advisory Board, BC Technical Advisory Committee and South Florida Climate Change Working Group, among other agencies). We have participated in discussions focused on specific issues related to the sea level rise or climate change, salt intrusion and its impact to wells and septic to sewer among other issues. We understand the City's #1 goal is to build a sustainable and resilient community.



### Infrastructure

**Goal 1: Build a sustainable and resilient community.**

**Goal 2: Build a multi-modal and pedestrian friendly community.**

Most of the City of Fort Lauderdale is located in low-lying areas surrounded by coastal waters and canals, thus subjected to the perils of sea-level rise and the associated impacts to the City's critical infrastructure. As the City of Fort Lauderdale is considered coastal, it is vulnerable to the impacts of storm surges and sea-level rise. With Port Everglades and the Hollywood/Fort Lauderdale Airport located within the City boundaries with main communication lines in the County, like I-95, I-595, US1 or A1A that serve a vital role for the local economy of South Florida.

Recent studies indicate that critical public infrastructure in the City, including access roads, bridges, utilities, parks, and conveyance systems, has already begun to show vulnerabilities to the current rising sea level, extreme rainfall, and seasonal high tides. Recognizing the potential impact of sea level rise to these critical assets, the City understands that climate resilience must be integrated into future decision-making for operations and maintenance for future capital investment projects.

The City is taking a proactive approach to future flood resiliency by performing a Sea Level Rise Vulnerability Assessment and Adaptation Study funded by FDEP under the Resilient Florida Program in compliance with the 2015 Peril of Flood legislation following the 2020 State of Florida Mitigation Action Plan guidelines. The proposed study to be completed under by FDEP will include:

- An analysis of historical water level data and relationship to sea level rise, historical groundwater levels;
- Future projection of King Tide and assessment of vulnerable areas;
- Mapping of Fort Lauderdale elevations with Broward County LiDAR data for vulnerability analyses; and
- SLR storm surge vulnerability assessment for critical assets owned or operated by the City and potential impacts due to SLR / Storm Surge.

The study also includes assisting the City of Fort Lauderdale staff in public meetings by preparing materials, surveys, and social media outreach to educate local residents, businesses, and other stakeholders on this critical issue.



**WE ARE READY.**  
We are a resilient and safe coastal community.

Our overall project approach will fit into the City's Vision 2035 of climate change and sea level rise, and the strategy to deal with change, including the Comprehensive Master Plan completed in 2017, and the Adaptation Action Plans as noted in FY 2020 - FY 2024 Proposed Community Investment Plan among other studies.

BA understands the City's objectives to be a resilient and safe coastal community and we are aware of some of the existing conditions in the infrastructure already facing the community. Flooding of streets on Las Olas Boulevard, in Victoria Park and other low-lying areas during the "high-high" tides are examples where an immediate impact of sea level rise is apparent and the City is already implementing measures to address these items. The waterways, low elevation lands and beaches that have drawn so many people to Fort Lauderdale are also an important element in the need for the City to prepare for changes in weather patterns. The reconstruction of SR A1A near Birch State Park is another example of the City's directions to combat the effects of severe weather patterns.

As shown in the current storm events of April 12, 2023, our staff that work and live in Fort Lauderdale experienced first-hand and is well aware of the impact that storm events can have on the normal activities of the City and how vulnerable is the City, in general and the critical infrastructure in particular to these events.

WEATHER

### Fort Lauderdale airport and schools closed due to 20 inches of rain in some areas

April 13, 2023 • 3:27 AM ET

By Ayana Archie



Cars are parked in a flooded street on Wednesday in Dania Beach, Florida.   
 Joe Raedle/Getty Images

## VISION & METHODOLOGY

### VISION

BA's proposed vision, ideas, and methodology for this assessment are based on similar projects we have completed in South Florida and are align with the City's needs based on firsthand knowledge we gained from attending workshops/meetings organized by the City/County/SFWMD/USCOE to discuss sea level rise or climate change. Some specific issues that we will consider, includes:

- **Climate change and sea level rise.** Infrastructure to reduce flooding and adapt to sea-level rise, increase resiliency to storm, tidal and groundwater level to diminish tidal-related as well as stormwater-related flooding.
- **Sustainability priorities.** Conduct an assessment, review and provide recommendations on the City current ordinances, engineering standards, design criteria to support the City's sustainability priorities and address issues such as aging infrastructure and risks due to sea level rise.
- **Sustainable design of critical infrastructure**, including parks, athletic fields, riverwalks and bike paths, public buildings, community centers, etc.

### METHODOLOGY

BA's proposed methodology follows a nine step framework per state guidelines. In the framework, Steps 1 through 7 focus on providing the necessary background information, prioritization process, and plan for subsequent adaptation strategy implementation that take place in Steps 8 and 9 to complete the grant deliverables.

BA's proposes the methodology plan illustrated below to be presented to the City for approval. Descriptions of each step are detailed in Figure 2.

Figure 1. Methodology Diagram



Figure 2. Methodology Detail

Step	Description
1. Kick-off Meeting	Kick off meeting to introduce the team members, discuss the project scope and goals, schedule, present the Work Plan with deliverables and present a communication plan for project outreach.
2. Steering Committee	In this step BA will assemble a Steering Committee in coordination with the City staff consisting of community champions including the City Resiliency Board and technical experts, that will assist the planning team to review the goals of the project, draft materials, provide input for study direction, assist in identifying geographic context, assist in identifying available data and resources, identify relevant assets, and review project findings and recommendations among other tasks.
3. Background Information	In this step, BA team in coordination with City will research and compile existing background data including existing water levels, critical assets and GIS information including the following sections: <ul style="list-style-type: none"> <li>• Sea level rise science</li> <li>• Observed sea level rise</li> <li>• Sea level rise projections</li> <li>• Critical Assets inventory (*)</li> <li>• GIS Database</li> </ul> <p>(*) <i>The inventory to be organized by the asset categories as outlined in s. 380.093, F.S., a vulnerability assessment performed through the Resilient Florida Grant Program must analyze all critical assets, including regionally significant assets, owned or maintained by the City</i></p>
4. Flood Scenarios	Flood scenarios will be developed based on existing conditions, the 2040 planning horizon and the 2070 planning horizon. The flood scenarios analyzed shall include precipitation events, tidal events, storm surge and sea level rise. Kings tides considering the following conditions: <ul style="list-style-type: none"> <li>• Existing water level</li> <li>• 2040 Planning Horizon</li> <li>• 2070 Planning Horizon</li> <li>• Storm surge mapping</li> <li>• Rainfall event + storm surge mapping</li> </ul>
5. Vulnerability Assessment	Following Florida Adaptation Planning Guidebook, this step identifies the vulnerability of the public critical infrastructure by determining the depth of water caused by each sea level rise, storm surge, rainfall, and/or compound flood scenario and identify the impact of these future hazards to critical assets in the City, including: <ul style="list-style-type: none"> <li>• Exposure analysis</li> <li>• Sensitivity and resilience analysis</li> <li>• Focus areas</li> </ul>
6. Public Involvement	Assist City of Fort Lauderdale staff in coordination for Steering Committee and public meeting presentations and other materials, as needed.
7. Final Assessment	Final Vulnerability Assessment
8. Adaptation Action Plan	In this step BA will prepare and Adaptation Action Plan for the following focus areas experiencing or projected to experience coastal flooding; <ul style="list-style-type: none"> <li>• Areas with hydrological connections to coastal waters;</li> <li>• Areas below, at, or near mean higher high water;</li> <li>• Storm surge evacuation zones;</li> <li>• Areas with other related impacts of sea level rise.</li> </ul>
9. Final Report	Prepare and Submit Final Report with Recommendations. Adaptation strategies outlined in Step 8 will be prioritized for implementation through City policies and project design. Larger-scale interventions identified will be phased in over longer Timeframes as major capital project occur <ul style="list-style-type: none"> <li>• Steering committee comments and recommendations</li> <li>• Public meeting presentation</li> <li>• Final report - Vulnerability Assessment and Adaptation Action Plan</li> </ul>



## DESIGN/WORK PLAN

Based on the Resiliency Florida Program Grant, BA has prepared the following Work Plan considering deliverables, timeframe, resources, responsibility, and comments. Our team has successfully utilized this Work Plan on similar grants that we have completed.

<b>PROJECT WORK PLAN &amp; KICKOFF MEETING</b>	
BA will prepare a Project Work Plan to describe the project objectives, key action steps, deliverable(s), schedule and identify the staff responsible for each task.	
Task Objective	Development of a Project Work Plan and schedule that will guide the progress of the Utility Master Plan.
Key Action Step(s)	<ol style="list-style-type: none"> <li>1. Organize kick off meeting</li> <li>2. Introduce team members</li> <li>3. Prepare a Project Schedule for each task with input from all team members.</li> <li>4. Establish task leaders and back up staff for the City and for BA.</li> <li>5. Define roles of staff and communication tools and protocols for transferring files.</li> <li>6. Establish the number, frequency, location and attendance of project update meetings.</li> </ol>
Deliverable(s)	<ol style="list-style-type: none"> <li>1. Kick off meeting minutes.</li> <li>2. Project Work Plan and project schedule</li> <li>3. Conduct at least one coordinating update meetings every month with team members during Phase I, as needed.</li> <li>4. Conduct periodic meetings with Project Management and Task Leaders, as necessary.</li> </ol>
Time frame	6/30/23
Start date and end date	3/1/24
Responsibility	BA / Cummins Cederberg / PDS
Comment(s)	<p>Coordinate with City and Broward County on existing GIS and LiDAR information.</p> <p>Assemble and coordinate for Steering Committee</p>

## TASK 1. ACQUIRE BACKGROUND DATA

**Task Description:** A list of critical assets, as defined by s.380.093.F.S., will be compiled from existing available sources of data and mapped into a GIS Database. The critical asset inventory will consider transportation and evacuation routes, wastewater, stormwater, drinking water, and other important utility facilities. Critical community and emergency facilities such as schools, law enforcement facilities, and government facilities as well as natural, cultural and historical sources within the city boundaries will also be considered for the overall GIS database of the critical assets.

Topographic data such as existing surveys and LiDAR data will be compiled from existing public data sources such as Miami-Dade County and the National Oceanic and Atmospheric Administration database to aid in the creation of a digital elevation model to support the vulnerability analyses. Data gaps will be identified to support additional data collection as required to conduct the vulnerability analysis. The collected topographic data will be adjusted to refer to the North American Vertical Datum of 1988 (NAVD88).

**Task Deliverable(s):** A technical report should be prepared outlining the data compiled and findings of the gap analysis; a summary of recommendations to address the identified data gaps and actions taken to rectify them, if applicable; GIS files with appropriate metadata of the data compiled, to include locations of critical assets owned or maintained by the county/municipality and regionally significant assets, classified as defined in s. 380.093(2) 1-4, F.S.:

Task Objective	Obtain the necessary data required for development of Vulnerability Assessment and the Adaptation Action Plan.
Key Action Step(s)	<ol style="list-style-type: none"> <li>1. Identify critical and significant infrastructure,</li> <li>2. Topographic data from Broward County database; existing LiDAR information.</li> <li>3. Flood scenario related data, SLR projections; precipitation data and groundwater levels</li> <li>4. Identify any data missing required for developing the Vulnerability Assessment</li> </ol>
Deliverable(s)	<ol style="list-style-type: none"> <li>1. Technical Report</li> <li>2. Summary Report</li> <li>3. GIS files with appropriate metadata</li> </ol>
Time frame	7/3/2023
Start date and end date	7/30/2023
Responsibility	BA / Cummins Cederberg
Comment(s)	<p>Coordinate with City of Fort Lauderdale GIS staff.</p> <p>Coordinate with BC Resilient Environmental Department.</p>

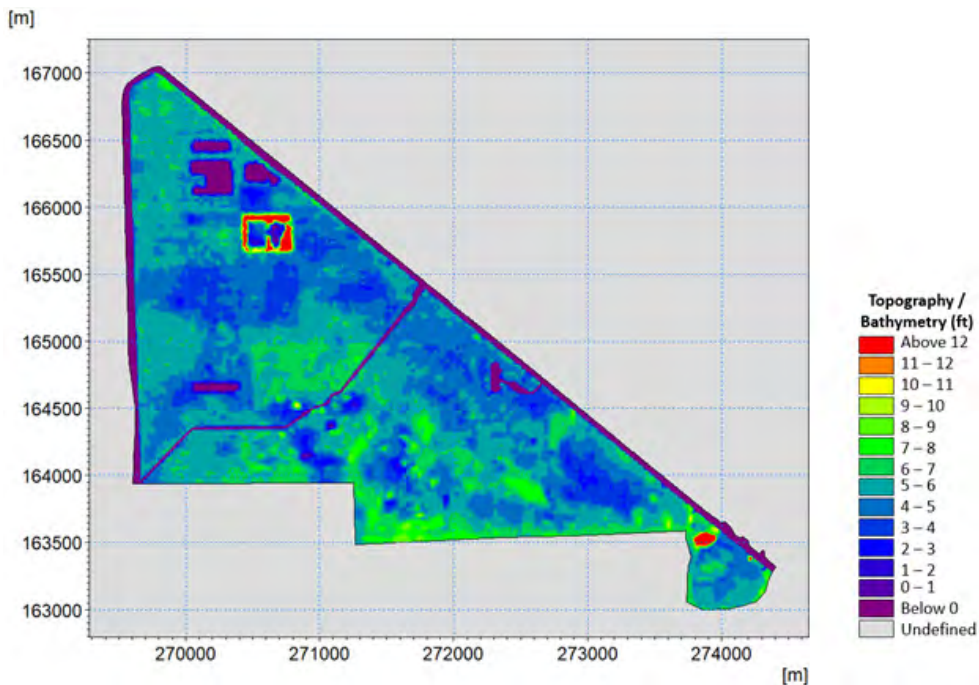
## TASK 2: CRITICAL AND REGIONALLY SIGNIFICANT ASSET INVENTORY

**Description:** The Grantee will identify all critical and regionally significant assets meeting the definitions in Section 380.093, F.S. that are impacted by flooding and sea level rise, specifying for each asset the flood scenario(s) impacting the asset. GIS files and associated metadata must adhere to the Resilient Florida Program's GIS Data Standards (Exhibit I), and raw data sources shall be defined within the associated metadata. The analysis may include review of roadways, historical properties, and other assets not otherwise classified as critical assets per Section 380.093, F.S.

**Deliverables:** The Grantee will provide the following: 1) a list or spreadsheet of critical and regionally significant assets that are impacted by flooding and sea level rise, prioritized by area or immediate need, which contains the critical assets attributes required by Exhibit I and identifies which flood scenario(s) impacts each asset; and 2) GIS files and associated metadata

Task Objective	Obtain the necessary data required for development of the Vulnerability Assessment
Key Action Step(s)	Exposure analysis SLR model Horizon dates, 2040, 2070 Static SLR, future inundation areas
Deliverable(s)	1. Draft Vulnerability Assessment Report 2. Maps and tables 3. GIS files
Time frame	7/11/23
Start date and end date	8/30/23
Responsibility	BA / Cummins Cederberg
Comment(s)	Submit to FDEP for review and approval of GIS database

Example of inundation map to be provided as a deliverable of this Task





### TASK 3: SURVEYING FOR ELEVATION CERTIFICATES

**Description:** The Grantee will obtain elevation certificates for prioritized critical and regionally significant assets that do not already have certificates or that require an updated elevation certificate to be used only as match contribution. This task is separate from tasks that include the combination of match contribution and Department reimbursement. For prioritized critical and regionally significant assets identified in Task 2 that need an elevation certificate, a survey will be conducted to create an elevation certificate. All elevation certificates will be consistent with requirements from the Federal Emergency Management Agency pursuant to federal floodplain management regulation and will be completed by a Florida-registered Professional Surveyor and Mapper.

**Deliverables:** The Grantee will provide the following: 1) list of the critical and regionally significant assets where elevation certificates were completed, to include the address, asset type, and asset class information; 2) documentation of transmittal of the copies of the Elevation Certificates submitted to the Florida Department of Emergency Management, as required by Section 472.0366(2), F.S. The completed elevation certificate documents must be signed and sealed by a Florida-registered Professional Surveyor and Mapper; and 3) documentation required for match requirements, as consistent with Attachment 1, Section 9 and Attachment 2, Section 7.

Task Objective	Obtain elevations of critical assets
Key Action Step(s)	Elevation survey
Deliverable(s)	List of buildings recorded Elevation certificates
Time frame	9/18/23
Start date and end date	01/15/24
Responsibility	PDS / BA
Comment(s)	Budget allows for 50 elevation certificates and \$500/additional certificate

### TASK 4: EXPOSURE ANALYSIS

**Description:** The Grantee will perform an exposure analysis to identify the depth of water caused by each sea level rise, storm surge, and/or flood scenario. The water surface depths (i.e. flood scenarios) used to evaluate assets shall include the following data: tidal flooding, current and future storm surge flooding, rainfall-induced flooding, and compound flooding, all as applicable, as well as the scenarios and standards used for the exposure analysis shall be pursuant to s. 380.093, F.S. Geographic Information System (GIS) files and associated metadata must adhere to the Resilient Florida Program's GIS Data Standards (Exhibit I), and raw data sources shall be defined within the associated metadata.

**Deliverables:** The Grantee will provide the following: 1) a draft VA report that provides details on the modeling process, type of models used, and resulting tables and maps illustrating flood depths for each flood scenario; and 2) GIS files with results of the exposure analysis for each flood scenario as well as the appropriate metadata that identifies the methods used to create the flood layers.

Task Objective	Provide exposure analysis of critical infrastructure to inundation levels from various design events
Key Action Step(s)	Identify critical assets and inundation level from modeling results
Deliverable(s)	Vulnerability Assessment/ Exposure analysis
Time frame	9/8/2023
Start date and end date	12/27/23
Responsibility	BA / Cummins Cederberg
Comment(s)	Forward to FDEP for comments and approvals

Example of a Vulnerability Exposure analysis showing the critical assets and the inundation levels per design event

Asset_Name	Asset_Type	Asset_Category	Address	Flood Depth - 100 year rainfall (feet)	Flood Depth - 50 year rainfall (feet)	Flood Depth - 100 year storm surge (feet)	Flood Depth - 100 year SLR + 100 year storm surge (feet)	Flood Depth - 2040 SLR + 20 year storm surge (feet)	Flood Depth - 2040 SLR + 20 year storm surge (feet)	Flood Depth - 2040 SLR + 100 year storm surge (feet)	Flood Depth - 2070 SLR + 20 year storm surge (feet)	Flood Depth - 2070 SLR + 100 year storm surge (feet)
MIAMI SPRINGS SENIOR CENTER	Community Center	Critical Community and Emergency Facilities	101 Apache St	0.8	0.8	1.8	2.0	0.5	1.8	2.7	3.1	4.2
MIAMI SPRINGS COMMUNITY CENTER	Community Center	Critical Community and Emergency Facilities	1401 WESTWARD DR	0.3	0.4	0.9	1.2	0.5	1.5	2.3	2.8	3.8
MIAMI SPRINGS City Hall	Local Government Facilities	Critical Community and Emergency Facilities	201 Westward Dr	0.3	0.7	1.1	1.8	0.4	1.1	2.1	3.0	4.0
MIAMI SPRINGS Fire 95	Local Government Facilities	Critical Community and Emergency Facilities	201 WESTWARD DR	0.5	0.7	1.1	1.8	0.4	1.1	2.1	3.0	4.0
MIAMI SPRINGS POLICE DEPARTMENT	Local Government Facilities	Critical Community and Emergency Facilities	201 WESTWARD DR	0.5	0.7	1.1	1.8	0.4	1.1	2.1	3.0	4.0
MIAMI SPRINGS POLICE DEPARTMENT - SUBSTATION	Local Government Facilities	Critical Community and Emergency Facilities	228 WESTWARD DR	0.6	0.8	1.2	1.8	0.5	1.3	2.3	3.1	4.2
MIAMI SPRINGS Public Works	Local Government Facilities	Critical Community and Emergency Facilities	345 N Royal Poinciana Blvd	0.8	0.9	0.9	0.9	0.4	1.1	1.8	2.4	3.1
MIAMI SPRINGS Branch Library	Library	Critical Community and Emergency Facilities	401 Westward Dr	0.5	0.5	0.8	1.4	0.1	0.8	2.0	2.4	3.1
EAST DRIVE PARK OCEAN STAGING AREA	Solid Waste Facility	Critical Infrastructure	501 EAST DRIVE	1.8	1.4	0.2	1.6	1.5	0.2	0.6	0.6	0.6
MIAMI SPRINGS ELEMENTARY SCHOOLS	Historical Assets	Natural, Cultural, and Historical Resources	51 PARK ST	0.5	0.8	1.8	2.5	1.1	1.9	3.0	3.1	4.1
PAMP & GEN. CENTER MEMORIAL	Historical Assets	Natural, Cultural, and Historical Resources	650 Curtiss Pkwy	0.9	0.5	0.4	1.1	0.5	1.9	2.3	3.7	
GLENN CURTISS RESERVE	Historical Assets	Natural, Cultural, and Historical Resources	500 OCEAN BLVD	0.3	0.4	0.5	0.5	0.5	1.3	1.7	3.3	
South Beach Park	Parks	Natural, Cultural, and Historical Resources	Bluebird Ave / Lanepp Dr	2.8	3.2	7.8	8.8	1.2	7.8	9.1	9.8	11.2
MIAMI SPRINGS Golf and Country Club	Parks	Natural, Cultural, and Historical Resources	650 Curtiss Pkwy	1.0	0.8	0.2	1.2	1.8	0.6	0.6	0.6	0.6
Randy Ooze Park	Parks	Natural, Cultural, and Historical Resources	700 Ooze Ave	3.3	1.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Charlan B Stafford Park	Parks	Natural, Cultural, and Historical Resources	489 East Dr	2.1	2.7	7.8	8.8	1.8	7.8	9.0	9.7	11.1
Latham Drive Boat Ramp	Parks	Natural, Cultural, and Historical Resources	N Royal Poinciana Blvd & Albatross St	2.8	0.8	1.0	0.2	1.2	1.0	0.6	0.6	0.6
Ragen Park	Parks	Natural, Cultural, and Historical Resources	La Baron Dr / Ragen Dr	3.3	1.8	1.3	1.2	1.8	2.1	0.6	0.6	0.6
Clara Park	Parks	Natural, Cultural, and Historical Resources	CURTIS DRIVE & WESTWARD DR	1.0	1.2	1.8	1.8	1.2	2.0	2.4	3.8	3.2
Duham Park Triangle	Parks	Natural, Cultural, and Historical Resources	De Leon Dr & Morningglade Dr	0.5	0.6	1.8	1.8	1.2	1.8	0.5	0.4	0.5
Prize Field	Parks	Natural, Cultural, and Historical Resources	101 Apache St	0.7	0.8	1.7	2.4	1.0	1.7	3.1	3.8	5.8
MIAMI SPRINGS Aquatic Center	Parks	Natural, Cultural, and Historical Resources	501 Payne St	0.8	0.9	1.2	1.8	0.6	1.3	2.3	3.0	4.0
MIAMI SPRINGS Tennis / Basketball Facility	Parks	Natural, Cultural, and Historical Resources	401 Westward Dr	0.5	0.5	0.8	1.8	0.2	0.9	2.3	2.8	3.2
Melrose Canal	Water	Natural, Cultural, and Historical Resources		0.5	0.5	0.8	1.8	0.2	0.9	2.3	2.8	3.2

## TASK 5: SENSITIVITY ANALYSIS

**Description:** The Grantee will perform the sensitivity analysis to measure the impact of flooding on assets and to apply the data from the exposure analysis to the inventory of critical assets created in the Exposure Analysis Task. The sensitivity analysis should include an evaluation of the impact of flood severity on each asset class and at each flood scenario and assign a risk level based on percentages of land area inundated and number of critical assets affected. As allowed by available Budget, this analysis may also include sensitivity analysis of roadways, historical properties, and other assets not classified as critical assets per Section 380.093, F.S.

**Deliverables:** The Grantee will provide the following: 1) a draft VA report that provides details on the findings of the exposure analysis and the sensitivity analysis, and includes visual presentation of the data via maps and tables, based on the statutorily-required scenarios and standards; and 2) an initial list of critical and regionally significant assets that are impacted by flooding. The list of critical and regionally significant assets must be prioritized by area or immediate need and must identify which flood scenario(s) impacts each asset.

Task Objective	Obtain the necessary data required for development of the Vulnerability Assessment
Key Action Step(s)	Use Exposure Analysis from Task 4 to prepare sensitivity analysis for each critical asset
Deliverable(s)	1. Vulnerability Assessment Report 2. List of critical assets
Timeframe	9/18/23
Start date and end date	10/27/23
Responsibility	BA
Comment(s)	Use Sensitivity Rating Criteria from Low, Moderate, High to Extreme impacts

Examples of Sensitivity Analysis for a critical asset showing event and inundation depths

Asset Name	Event	0 to 1 ft	1 to 2 ft	2 to 3 ft	3 to 4 ft	4 to 5 ft	5 to 6 ft	6 to 7 ft	more than 7 ft
MIAMI SPRINGS SENIOR CENTER	100 year rainfall	█							
	500 year rainfall	█	█						
	100 Storm surge	█	█						
	2040 +20	█	█	█					
	2040+ 100	█	█	█	█				
	2070+20	█	█	█	█	█			
2070+100	█	█	█	█	█	█			

Asset Name	Event	0 to 1 ft	1 to 2 ft	2 to 3 ft	3 to 4 ft	4 to 5 ft	5 to 6 ft	6 to 7 ft	more than 7 ft
Charles B Stafford Park	100 year rainfall	█	█	█					
	500 year rainfall	█	█	█					
	100 Storm surge	█	█	█	█				
	2040 +20	█	█	█	█				
	2040+ 100	█	█	█	█	█			
	2070+20	█	█	█	█	█	█		
2070+100	█	█	█	█	█	█	█		



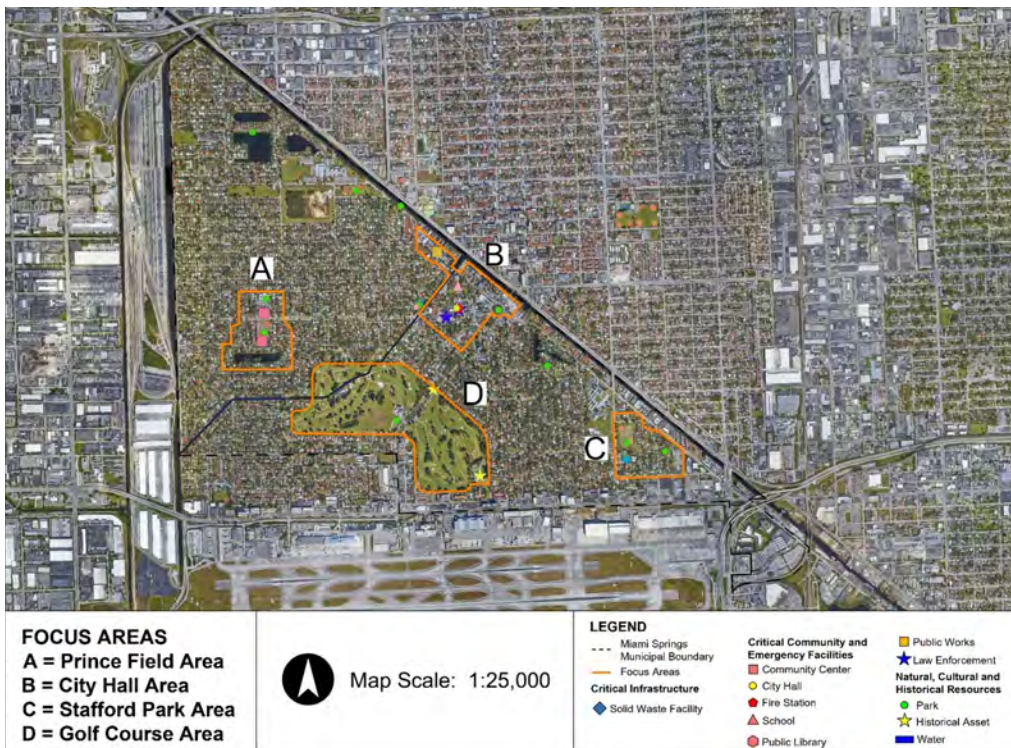
**TASK 6: FINAL VULNERABILITY ASSESSMENT REPORT, MAPS, AND TABLES**

**Description:** The Grantee will finalize the VA report pursuant to the requirements in s. 380.093, F.S. The final VA must include all results from the exposure and sensitivity analyses, as well as a summary of identified risks. It should contain a list of critical and regionally significant assets that are impacted by flooding and sea-level rise, specifying for each asset the flood scenario(s) impacting the asset. Geographic Information System (GIS) files and associated metadata must adhere to the Resilient Florida Program’s GIS Data Standards (Exhibit I), and raw data sources shall be defined within the associated metadata.

**Deliverables:** The Grantee will provide the following: 1) Final VA Report that provides details on the results and conclusions, including illustrations via maps and tables, based on the statutory-required scenarios and standards in s. 380.093, F.S.; 2) a final list of critical and regionally significant assets that are impacted by flooding. The list of critical and regionally significant assets must be prioritized by area or immediate need and must identify which flood scenario(s) impacts each asset.; 3) all electronic mapping data used to illustrate flooding and sea level rise impacts identified in the VA, to include the geospatial data in an electronic file format and GIS metadata; and 4) a signed VA Compliance Checklist Certification.

Task Objective	Analyze the baseline conditions in further details to prepare and prioritize strategies, taking in account a series of considerations
Key Action Step(s)	Vulnerability Assessment from Task 5
Deliverable(s)	1. Final Vulnerability Assessment Report 2. Final list of critical assets 3. Electronic mapping data showing inundation levels 4. VA Compliance Check List Certification
Timeframe	10/9/23 - 12/15/23
Responsibility	BA
Comment(s)	Coordinate with City staff for Steering Committee and public comments to include in final reports.

Example of location of critical assets and focus areas

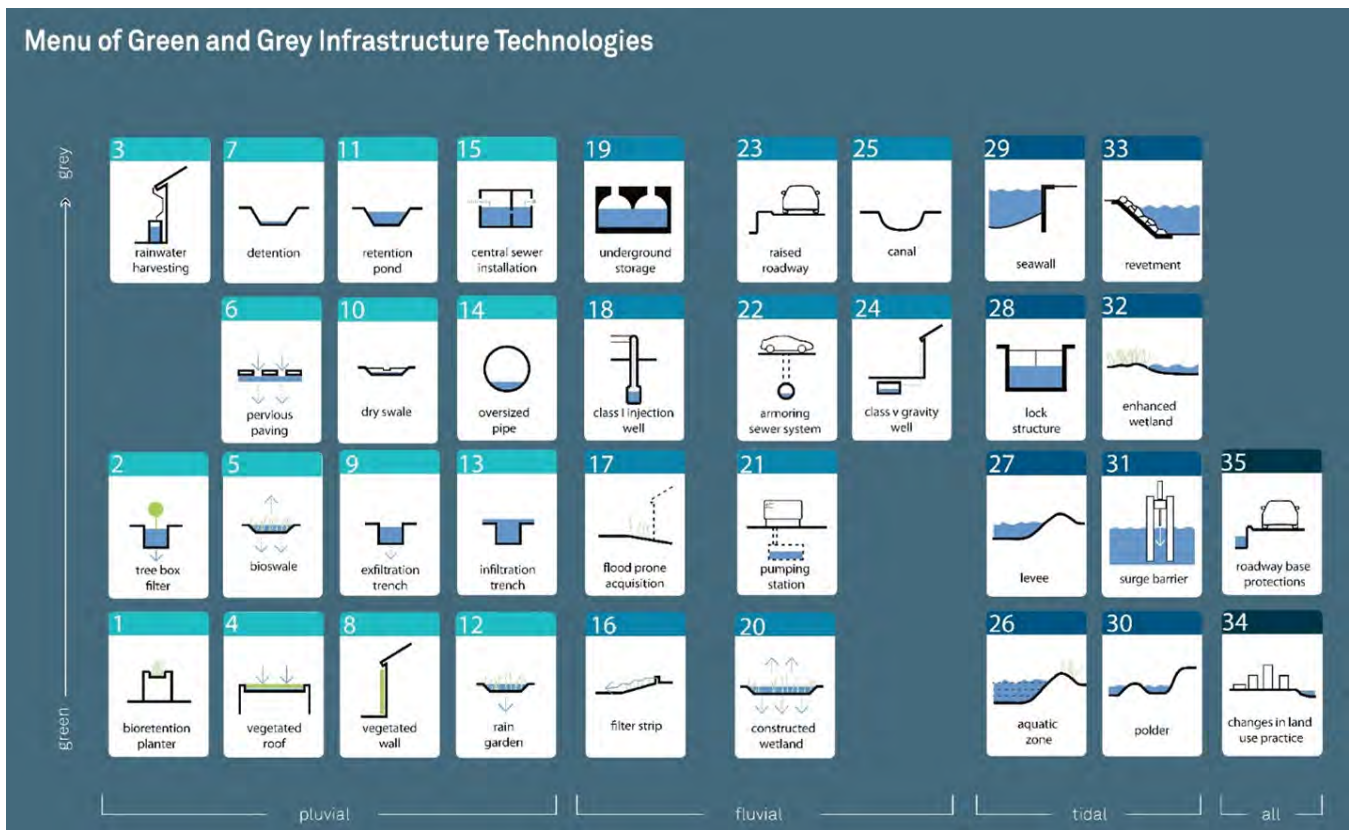


## TASK 7: PARTIAL ADAPTATION PLAN

**Description:** The Grantee will complete a partial Adaptation Plan (AP) that is consistent with the requirements of the Florida Adaptation Planning Guidebook which will include the following: assessment of adaptive capacities, prioritization of adaptation needs, and identification of adaptation strategies for the City's most vulnerable assets. The Grantee will begin the process by assessing existing Master Plans and the Community Investment Plan to identify planned projects that address the vulnerability of the City's critical assets. The AP will also include a list of prioritized projects for each asset class as defined in subsection 380.093(2), F.S., for consideration and implementation, as well as identify assets with planned projects and assets without adequate resilience strategies.

**Deliverables:** The Grantee will provide a partial Adaptation Plan for the City's most vulnerable critical assets, including addressing capacity and needs for those assets.

Task Objective	Share the findings from the final VA and provide recommendations of actions for adaptation strategies and future project funding.
Key Action Step(s)	Prepare tool box of alternatives; outreach materials
Deliverable(s)	Adaptation Action Plan
Timeframe	11/23/23 - 3/1/24
Responsibility	BA
Comment(s)	Coordinate with City staff for public presentation and recommendations on Adaptation Action Plan



## SCHEDULE

BA's proposed scheduling methodology (timeline) has been proven effective managing and executing the work in the optimum time. We are committed to successfully completing the project within 120 days from the City's Notice to Proceed.

ACTIVITY / MONTHS	1	2	3	4	5	6	7
Setting Steering Committee & Meetings	█						
Background Info/Critical Infrastructure		█	█				
Modeling			█	█			
Vulnerability Analysis- Draft			█	█	█		
Public Meeting				█			
Vulnerability Analysis-Final					█	█	
Adaptation Action Plan						█	
Elevation Certificates							█
Final Plan & Public Meeting							█
Recommendations							█

## WORKLOAD

BA's proposed staff are fully committed for the duration of the City's project, and our current workload will not alter their commitment. Our team is dedicated to insuring the greatest workforce flexibility, and responsiveness to the City for the duration of the project and is committed to exceeding your expectations. The depth and strength of our team experience, allows us to perform successfully on all of our contracts, responding in a timely manner and keeping projects on schedule.

BA is currently preparing resiliency studies for the City of Miami Springs, City of Marathon, and Town of Medley. All these studies are well underway and will be completed in advance of the March 2024 grant deadline. This expertise and know-how allows BA to expedite your grant by getting FDEP approvals of deliverables, as we have for other clients.

**BA is ready to start on your project from day one. We have no learning curve and can easily fit the City of Fort Lauderdale's Vulnerability Assessment project into our workload.**

## AVAILABLE FACILITIES, TECHNOLOGICAL CAPABILITIES & OTHER RESOURCES

BA has the available facilities, technological capabilities, and resources to offer The City for this the project. Additionally, we specifically address:

### WHO

The project will be managed by BA's Environmental Engineering Director, **Jose L. Lopez, PE, PMP, ENV SP**, who is a professional engineer with more than 35 years of experience in project management, stormwater management, vulnerability assessment and resiliency. His experience includes also serving as a Broward County TAC member for the past 12 years. Partnering with Jose in the modeling task is **Jannek Cederberg, PE**, from Cummins Cederberg, a coastal engineer with more than 20 years' experience in modeling coastal resiliency and sea level rise inundation.

Since 2018, Jose and Jannek have worked together to successfully complete the Marathon Resilient Study and the Vulnerability Assessment and Adaptation Action Plan for Cocoplum Beach area in the City of Marathon. Jose and Jannek are also currently working on the Vulnerability Assessment for Miami Springs, and in the past they have also worked together in several projects dealing with sea level rise, environmental issues, and resiliency in South Florida and the Caribbean, like master plans for Port Everglades, PortMiami, Ocean Cay, and Stirrup Cay.

### WHAT

Upon completion of background information, this report will complete a vulnerability assessment to understand potential impacts of sea level rise hazards to the City critical assets and operations through 2070 by addressing the following questions:

- What areas of the City are most vulnerable to sea level rise impacts?
- What sea level conditions create critical scenarios that may result in widespread flooding that could affect the City operations?
- What will be the impact of sea level rise to critical assets?
- What are the potential next steps to prepare the City for sea level rise resilience?

Upon completion of the VA exposure and sensitivity analysis the report will provide a toolbox of potential adaptation strategies to address flood risks to the City's built infrastructure and include planning design guidance that provides a framework for considering sea level rise within the City's capital planning process. By preparing for future sea levels, the City will become more resilient to future flood and storm events and remain a strong economic engine locally, regionally, and nationally.

### WHEN

The project will be completed prior to March 2024, as requested in the RFP.

### WHERE

The project will be managed and completed by BA and Cummins Cederberg staff working in offices located in Fort Lauderdale, a few minutes drive to City Hall offices.

### WHY

The main objective of this study is to conduct a vulnerability assessment, a resiliency evaluation study and to assess several adaptation alternatives and strategies to reduce flood risk and economic impacts within the City due to sea-level rise, storm surge, rainfall events and other compound scenario in accordance with State guidelines.

The study will include an analysis of historical water level data and relationship to sea level rise, historical groundwater levels, future Projection of King Tide and assessment of vulnerable areas, mapping of Fort Lauderdale analyses and a SLR storm surge vulnerability assessment for critical and potential impacts due to SLR / Storm Surge. The study will also include coordinating with City staff on public meetings and preparing materials, surveys, and social media required to inform local residents, businesses, and other stakeholders on this critical issue.

### HOW

The study methodology follows a nine step framework following state guidelines as summarized in Figure 1 and to be completed by March 2024, as required in the RFP. Steps 1 through 7 in the framework are focus to provide the necessary background information, prioritization process, and plan necessary for subsequent adaptation strategy implementation and monitoring that take place in Steps 8 and 9.





## SECTION 4

# REFERENCES

### CITY OF MARATHON - COASTAL RESILIENCY STUDY

BA was contracted by the City of Marathon to manage and complete a Coastal Resiliency study funded by FDEP, Florida Coastal Office, under their Florida Resilient Coastlines. The study included the preparation of 3D maps and several adaptation alternatives as part of their Adaption Action Plan, to review and upgrade of the current City Policies and Regulations to continue maintaining surface water management and flood damage prevention in compliance with 2015 Peril of Flood and to prepare an outreach plan with educational material and stakeholder meetings to educate local residents and elected officials.

**Total Cost:** \$50,000

**Start Date:** October 2018

**Completion Date:** June 2019

**Client:** City of Marathon, Florida / 9805 Overseas Highway, Marathon, Florida 33050

**Contact:** George Garrett / Planning Director

Ph: 305-289-4111

E: garrettg@ci.marathon.fl.us

### CITY OF MARATHON - RESILIENCY STUDY & ADAPTATION ACTION AREA PLAN FOR COCOPUM BEACH

Following the recommendations of the 2019 Resilient Marathon study funded by FDEP under the Florida Coastal Resiliency Program, BA was contracted by the City of Marathon to prepare an Adaptation Area Plan for a low-lying area within the City boundaries. Evaluating several site conditions, the City selected the Cocoplum Beach as an area that is vulnerable to seasonal high tides, coastal flooding, erosion and storm surges and that can be used as a template to provide a roadmap and strategic document for similar areas within the City boundaries.

A Vulnerability Assessment and Adaptation Action Area Plan was developed in compliance with the City of Marathon Peril of Flood ordinance following DEO Planning Guidebook for Adaptation Action Areas and the AAA Policy Options for Adapting to SLR by the SF Regional Planning Council and 44 CFR 201.6 Local mitigation plans. The AAA also integrated the South Florida Regional Climate Action Plan (RCAP) objectives in all planning and policy recommendations, as noted along the report. Once the City adopted this AAA management plan, it served as document for the coastal restoration plans to support the City's Emergency Management Plan to improve coastal flooding resilience.

**Total Cost:** \$76,500

**Start Date:** September 2020

**Completion Date:** May 2021

**Client:** City of Marathon, Florida / 9805 Overseas Highway, Marathon, FL 33050

**Contact:** Carlos A. Solis, P.E. / Director of Public Works & Engineering

Ph: 305-289-5008

Cell: 305-481-0451

E: solisc@ci.marathon.fl.us

BA is working with the City of Miami Springs on a Resiliency and Vulnerability Assessment study under the Florida Resilient Coastline Program to review and update the City's Comprehensive Plan and Code of Ordinances to ensure compliance with the Peril of Flood legislation and complete a study that will produce resilience guidelines.

This study will provide a vulnerability assessment with a comprehensive look at the City's critical infrastructure assets. The study will evaluate several adaptation alternatives and strategies to reduce flood risk and economic impacts within the City due to sea-level rise, high tides, storm surge, storm surge flash floods, and stormwater runoff. Under this Grant, the City will also coordinate and organize public meetings, prepare materials, surveys, and social media features to educate residents, businesses, and other stakeholders on resiliency.

The vulnerability study will collect background information, including analysis of historical water level data and relationship to sea level rise, historical groundwater levels, future Projection of King Tide, assessment of vulnerable areas, and mapping of Miami Spring elevations with available LiDAR data for vulnerability analyses. The study will then model the impact of current and projected climate hazards, identify and assess the vulnerability and risks of the City's critical assets associated with these impacts, and selects and prioritizes a dashboard of alternative strategies for critical infrastructures to coordinate with stakeholders following a communication plan.

The study will conduct king Tide elevation mapping combined into a Geographical Information System (GIS) database in a format suitable for input into the Florida Department of Environmental Protection (FDEP) mapping tool. The created GIS database will be utilized to aid in developing a vulnerability plan to identify potential flooding, drainage, and infrastructure problems, along with vulnerable areas within the City to be submitted using standards prescribed by FDEP.

Once the projections and the extent of sea-level rise inundation are identified during the background information, the report will model the impact of sea-level rise. Based on the model, we shall evaluate the impacts on utilities, transportation, stormwater drainage, conveyance, and hardships to the local economy and tourism. We will assess the principal risks and vulnerabilities, including the loss of power, environmental impacts, erosion, storm surge, flooding, and sea-level rise.

Once these principal adaptation vulnerabilities and risks, and impacts to the City are identified, specific and realistic adaptation strategies will be defined. The adaptation strategies are potential actions to address the vulnerabilities identified. The actions can range from natural options, often referred to as "soft" or "green" actions, to more complex structural intervention options considered "hard" or "grey" alternatives. The "hard" alternatives may include utility relocation, raising infrastructure, elevating roads, flood control pump station, floodproofing, managed retreat/redirect development, and policy recommendations for future improvements

**Total Cost:** \$174,600

**Start Date:** January 2023

**Completion Date:** On-going

**Client:** City of Miami Spring / 201 Westward Drive, Miami Springs, FL 33166

**Contact:** William Alonso, CPA, CGFO / City Manager

Ph: 305-805-5011

Cell: 786-219-6883

E: alonsow@miamisprings-fl.gov



## SECTION 5

# MINORITY/WOMEN (M/WBE) PARTICIPATION

### PLANNED EFFORTS TO MEET M/WBE GOALS

---

The BA team includes two subconsultants who are certified M/WBEs that will be able to meet the procurement goals under Florida Statutes 287.09451.

- **Cummins Cederberg** is a Broward County certified CBE located in Broward County, Florida.
- **Premiere Design Solutions, Inc.** is a Broward County certified CBE and SBE located in Broward County, Florida.

### BA'S DIVERSITY POLICY

At BA, we are committed to our core values of integrity, respect, inclusion, and support for the diverse expertise and talent that exists in the communities that we serve. That is why we are committed to fostering and developing mutually beneficial relationships with small, minority-owned, women-owned, disadvantaged/disabled, veteran-owned, and LGBTQA business enterprises.

As a 98% Hispanic-owned, non-certified minority business that graduated from the County's Small Business Program, BA understands the importance of partnering with diverse, small, and disadvantaged business suppliers, and proudly serves as an example of the success that is attainable within the established program that assist and encourage these groups.

**Objective:** The goal of BA's Vendor Diversity Policy is to attract and retain a diverse pool of qualified vendors, and to provide opportunities to those that demonstrate the ability to add value, provide high-quality, competitively priced services, and whose business principles are aligned with ours.

#### Our key principles and initiatives include the following:

- We recognize that a strong, diverse community is essential to economic vitality, and we actively seek opportunities to conduct business with a competitive, diverse set of vendors.
- We support policies that promote fairness and inclusion in every aspect of our business and employment practices.
- We provide every reasonable business opportunity to small, minority-owned, women-owned, disadvantaged/disabled, veteran owned, and LGBTQA business enterprises to participate as direct suppliers, contractors, and subconsultants to BA.
- We communicate the value of vendor diversity both internally and externally to all stakeholders.
- We monitor and measure the effectiveness of our vendor diversity efforts.





## SECTION 6

# SUBCONTRACTORS

Prime Contractor, Bermello Ajamil & Partners, Inc. (BA) will utilize the following subcontractors during the term of this contract.

### **SUBCONTRACTORS**

**Cummins Cederberg (CC)** is an integral part of the team performing the countywide resiliency study for Broward County evaluating sea level rise and storm impacts as it relates to the critical infrastructure and the county overall. In collaboration with BA, Cummins Cederberg has experience in conducting Vulnerability Analyses in Ocean Cay and Stirrup Cay in Bahamas, Marathon Resiliency Study, Cocoplum Beach Adaptation Plan, and the Town of Miami Springs Vulnerability Assessment. Most recently, Cummins Cederberg was an integral part of the team that conducted a vulnerability assessment for Apalachee Regional Planning Council, a 9-county council, producing flood depth maps and conducting critical asset inventories for 4 coastal counties. The experience brought by Cummins Cederberg with the past history of working together with BA will benefit the project in the execution and quality of the work. Cummins Cederberg, like BA has an office in Ft. Lauderdale, a few minutes from the City Hall.

**Premiere Design Solutions, Inc. (PDS)** is an award-winning engineering, surveying and mapping company with headquarters in Miramar, Broward County. PDS has been and is currently working with BA in several projects in South Florida and they will be responsible to provide the Elevations Certificates for the critical assets, as needed. Projects in Fort Lauderdale include Park Bonds Improvements and Ft. Lauderdale/Hollywood Airport.





## **SECTION 7**

# REQUIRED FORMS

- A. PROPOSAL CERTIFICATION**
- B. COST PROPOSAL**
- C. NON-COLLUSION STATEMENT**
- D. NON-DISCRIMINATION CERTIFICATION FORM**
- E. LOCAL BUSINESS PREFERENCE (LBP)**
- F. DISADVANTAGED BUSINESS ENTERPRISE PREFERENCE (DBEP)**
- G. CONTRACT PAYMENT METHOD**
- H. E-VERIFY AFFIRMATION STATEMENT**
- I. SAMPLE INSURANCE CERTIFICATE**
- J. W-9 FOR PROPOSING FIRM**
- K. ACTIVE STATUS PAGE FROM DIVISION OF CORPORATIONS – SUNBIZ.ORG**

**CITY OF FORT LAUDERDALE BID/PROPOSAL CERTIFICATION**

**Please Note:** It is the sole responsibility of the bidder/proposer to ensure that their response is submitted electronically through the [City's on-line strategic sourcing platform](#) prior to the bid opening date and time listed. Paper bid submittals will not be accepted. All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/>).

Company: (Legal Registration) Bermello Ajamil & Partners, Inc. EIN (Optional): 59-1722486

Address: 900 SE 3rd. Avenue Suite 100

City: Ft. Lauderdale State: FL Zip: 33316

Telephone No.: 305-859-2050 FAX No.: \_\_\_\_\_ Email: jlopez@bermelloajamil.com

Delivery: Calendar days after receipt of Purchase Order (**section 1.02 of General Conditions**): \_\_\_\_\_

Total Bid Discount (**section 1.05 of General Conditions**): \_\_\_\_\_

Check box if your firm qualifies for DBE (**section 1.09 of General Conditions**):

**ADDENDUM ACKNOWLEDGEMENT** - Proposer acknowledges that the following addenda have been received and are included in the proposal:

<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>
1	04/05/2023	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

**VARIANCES:** If you take exception or have variances to any term, condition, specification, scope of service, or requirement in this competitive solicitation you must specify such exception or variance in the space provided below or reference in the space provided below all variances contained on other pages within your response. Additional pages may be attached if necessary. No exceptions or variances will be deemed to be part of the response submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A.

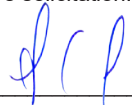
N/A

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, that in no event shall the City's liability for respondent's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Luis Ajamil, PE  
Name (printed)

04/20/2023  
Date

  
Signature

President, CEO | Principal  
Title

revised 09-2022





City of Fort Lauderdale • Procurement Services Division  
 100 N. Andrews Avenue, Suite 619 • Fort Lauderdale, Florida 33301  
 954-828-5933 • Fax 954-828-5576 • [purchase@fortlauderdale.gov](mailto:purchase@fortlauderdale.gov)

**ADDENDUM NO. 1**

RFP No. **Event 69**

**TITLE: Vulnerability Assessment for the City of Fort Lauderdale**

ISSUED: 04/05/2023

This addendum is being issued to make the following change(s):


1. In Section 4.2.4 Approach to Scope of Work the following language shall be stricken:

~~➤ NOTE: The project must be completed and accepted within 120 days from the City Notice to Proceed.~~

All other terms, conditions, and specifications remain unchanged.

Laurie Platkin  
 Senior Procurement Specialist

Company Name: Bermello Ajamil & Partners, Inc.  
 (please print)

Bidder's Signature: \_\_\_\_\_ 

Date: 4/20/23

**SECTION VI - COST PROPOSAL PAGE**

**Proposer Name:** Bermello Ajamil & Partners, Inc.

Proposer agrees to supply the products and services at the prices bid/proposed below in accordance with the terms, conditions and specifications contained in this RFP.

Cost to the City: Contractor shall quote firm, fixed, costs for all services/products identified in this request for proposal. These firm fixed costs for the project include any costs for travel and miscellaneous expenses. No other costs will be accepted.

**Notes:**

Attach a breakdown of costs including but not limited to labor, equipment, materials, and parts.

1.	Vulnerability Assessment for City of Fort Lauderdale	\$ <u>135,000</u>
2.	Number of Elevation Certificates being provided for the \$25,000 allocation. <span style="float: right; margin-right: 20px;"><u>50</u></span>	
3.	Additional Elevation Certificates (Cost per Certificate)	\$ <u>500</u>
<b>Total Project Cost</b>		<b>\$ <u>160,000</u></b>

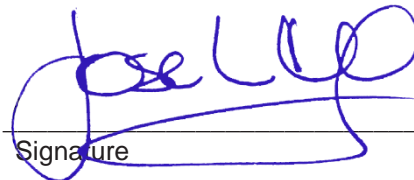
**Submitted by:**

Jose Lopez, PE, PMP

Name (printed)

4/20/2023

Date



Signature

Project Manager | Director Environmental Engineering

Title





**NON-COLLUSION STATEMENT**

By signing this offer, the vendor/contractor certifies that this offer is made independently and free from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,


3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g., ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents, and children) are also prohibited from contracting with the City subject to the same general rules.

**Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.**

<u>NAME</u>	<u>RELATIONSHIPS</u>
N/A ----- -----	N/A ----- ----- -----

**In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.**



\_\_\_\_\_  
Authorized Signature  
**Luis Ajamil, PE**  
\_\_\_\_\_  
Name (Printed)

**President, CEO | Principal**  
\_\_\_\_\_  
Title  
**04/20/2023**  
\_\_\_\_\_  
Date

Rev 09-2022



**CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH  
NON-DISCRIMINATION PROVISIONS OF THE CONTRACT**

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-17(a)(i)(ii), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

- A. Contractors doing business with the City shall not discriminate against their employees based on the employee's race, color, religion, gender (including identity or expression), marital status, sexual orientation, national origin, age, disability, or any other protected classification as defined by applicable law.

Contracts. Every Contract exceeding \$100,000, or otherwise exempt from this section shall contain language that obligates the Contractor to comply with the applicable provisions of this section.

The Contract shall include provisions for the following:

- (i) The Contractor certifies and represents that it will comply with this section during the entire term of the contract.
- (ii) The failure of the Contractor to comply with this section shall be deemed to be a material breach of the contract, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.

\_\_\_\_\_  
Authorized Signature 

Luis Ajamil, PE - President, CEO | Principal  
\_\_\_\_\_  
Print Name and Title

**04/20/2023**  
\_\_\_\_\_  
Date



## **LOCAL BUSINESS PREFERENCE**

Section 2-199.2, Code of Ordinances of the City of Fort Lauderdale, (Ordinance No. C-12-04), provides for a local business preference.

In order to be considered for a local business preference, a bidder must include the Local Business Preference Certification Statement of this ITB, as applicable to the local business preference class claimed **at the time of bid submittal**.

Upon formal request of the City, based on the application of a Local Business Preference the Bidder shall, within ten (10) calendar days, submit the following documentation to the Local Business Preference Class claimed:

- A) Copy of City of Fort Lauderdale current year business tax receipt, **or** Broward County current year business tax receipt, **and**
- B) List of the names of all employees of the bidder and evidence of employees' residence within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the local business preference.

**THE COMPLETE LOCAL BUSINESS PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK:**

**[https://library.municode.com/fl/fort\\_lauderdale/codes/code\\_of\\_ordinances?nodeId=COOR\\_CH2\\_AD\\_ARTVFI\\_DIV2PR\\_S2-186LOBUPR](https://library.municode.com/fl/fort_lauderdale/codes/code_of_ordinances?nodeId=COOR_CH2_AD_ARTVFI_DIV2PR_S2-186LOBUPR)**

**Definitions:** The term "Business" shall mean a person, firm, corporation or other business entity which is duly licensed and authorized to engage in a particular work in the State of Florida. Business shall be broken down into four (4) types of classes:

1. Class A Business – shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone and staffed with full-time employees within the limits of the City **and** shall maintain a staffing level of the prime contractor for the proposed work of at least fifty percent (50%) who are residents of the City.
2. Class B Business - shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone and staffed with full-time employees within the limits of the City **or** shall maintain a staffing level of the prime contractor for the proposed work of at least fifty percent (50%) who are residents of the City.
3. Class C Business - shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone **and** staffed with full-time employees within the limits of Broward County.
4. Class D Business – shall mean any Business that does not qualify as either a Class A, Class B, or Class C business.



LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the local business price preference classification as indicated herein, and further certifies and agrees that it will re-affirm its local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this ITB. Violation of the foregoing provision may result in contract termination.

(1) is a Class A Business as defined in City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the City of Fort Lauderdale current year Business Tax Receipt and a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.

Business Name

(2) is a Class B Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the Business Tax Receipt or a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.

Business Name

(3) is a Class C Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the Broward County Business Tax Receipt shall be provided within 10 calendar days of a formal request by the City.

Bermello Ajamil & Partners, Inc.
Business Name

(4) requests a Conditional Class A classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

Business Name

(5) requests a Conditional Class B classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

Business Name

(6) is considered a Class D Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186 and does not qualify for Local Preference consideration.

Business Name

BIDDER'S COMPANY: Bermello Ajamil & Partners, Inc.

AUTHORIZED COMPANY PERSON: Luis Ajamil, PE (Signature) 4/20/2023
PRINT NAME SIGNATURE DATE



**BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT**

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000  
**VALID OCTOBER 1, 2022 THROUGH SEPTEMBER 30, 2023**

**DBA:** BERMELO AJAMIL & PARTNERS INC  
**Business Name:**

**Receipt #:** 316-121  
**Business Type:** ARCHITECT

**Owner Name:** WILLY A BERMELO  
**Business Location:** 900 SE 3RD AVE #203  
 FT LAUDERDALE  
**Business Phone:** 467-1113

**Business Opened:** 02/03/1995  
**State/County/Cert/Reg:** AR0007200  
**Exemption Code:**

Rooms                  Seats                  Employees                  Machines                  Professionals  
 5

For Vending Business Only						
Number of Machines:				Vending Type:		
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00

**THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS**

**THIS BECOMES A TAX RECEIPT  
 WHEN VALIDATED**

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

**Mailing Address:**

BERMELO AJAMIL AND PARTNERS INC A  
 2601 S BAYSHORE DR STE 1000  
 MIAMI, FL 33133-5417

**Receipt #** WWW-21-00258385  
**Paid** 09/19/2022 30.00

**2022 - 2023**

**BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT**

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000  
**VALID OCTOBER 1, 2022 THROUGH SEPTEMBER 30, 2023**

**DBA:** BERMELO AJAMIL & PARTNERS INC  
**Business Name:**

**Receipt #:** 316-121  
**Business Type:** ARCHITECT

**Owner Name:** WILLY A BERMELO  
**Business Location:** 900 SE 3RD AVE #203  
 FT LAUDERDALE  
**Business Phone:** 467-1113

**Business Opened:** 02/03/1995  
**State/County/Cert/Reg:** AR0007200  
**Exemption Code:**

Rooms                  Seats                  Employees                  Machines                  Professionals  
 5

For Vending Business Only						
Number of Machines:				Vending Type:		
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00

**Receipt #** WWW-21-00258385  
**Paid** 09/19/2022 30.00



**DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATION STATEMENT**

The Business identified below certifies that it qualifies for the disadvantaged business enterprise price preference classification as indicated herein, and further certifies and agrees that it will re-affirm its preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this solicitation. Violation of the foregoing provision may result in contract termination.

(1) is a disadvantaged class 1 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

\_\_\_\_\_  
Business Name

(2) is a disadvantaged class 2 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the city with a full-time employee(s) and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

\_\_\_\_\_  
Business Name

(3) is a disadvantaged class 3 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

\_\_\_\_\_  
Business Name

(4) is a disadvantaged class 4 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that does not qualify as a Class A, Class B, or Class C business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.

\_\_\_\_\_  
Business Name

(5)  is not considered a Disadvantaged Enterprise Business as defined in the City of Fort Lauderdale Ordinance Sec.2-185 and does not qualify for DBE Preference consideration.

\_\_\_\_\_  
Business Name

BIDDER'S COMPANY: Bermello Ajamil & Partners, Inc.

AUTHORIZED COMPANY PERSON: Luis Ajamil, PE [Signature] 4/20/2023  
PRINT NAME SIGNATURE DATE

**CONTRACT PAYMENT METHOD**

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to payment by credit card via MasterCard or Visa. This allows you as a vendor of the City of Fort Lauderdale to receive your payment fast and safely. No more waiting for checks to be printed and mailed.

In accordance with Article 7, item 7.4.3 of the consultant agreement attached herein, payments for all services will be made utilizing the City's P-Card program (MasterCard or Visa). Accordingly, firms must presently have the ability to accept credit card payment or take whatever steps necessary to implement acceptance of a credit card before the commencement of the agreement.

Please indicate with which credit card you prefer to be paid:

Master Card

Visa Card

Company Name: Bermello Ajamil & Partners, Inc.

Luis Ajamil  
Name (printed)

  
Signature

4/20/23  
Date:

CEO  
Title



**E-VERIFY AFFIRMATION STATEMENT**

Solicitation/Bid /Contract No: Solicitation Event 69

Project Description:

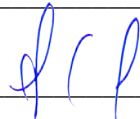
Vulnerability Assessment for the City of Ft. Lauderdale

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security’s E-Verify System to verify the employment eligibility of,

- A. all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,
- B. all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security’s E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: Bermello Ajamil & Partners, Inc.

Authorized Company Person’s Signature: 

Authorized Company Person’s Title: Luis Ajamil, PE, President, CEO | Principal

Date: 04/20/2023





Client#: 31137 BERMEAJA  
**CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY)  
**4/05/2023**

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> <b>USI Insurance Services, LLC-CL</b> <b>2400 East Commercial Blvd.</b> <b>Suite 600</b> <b>Fort Lauderdale, FL 33308</b>	<b>CONTACT NAME: Esther Garcia</b> <b>PHONE (A/C, No, Ext): 786-454-2015</b> <b>FAX (A/C, No):</b> <b>E-MAIL ADDRESS: Esther.Garcia@usi.com</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 80%;">INSURER(S) AFFORDING COVERAGE</th> <th style="width: 20%;">NAIC #</th> </tr> <tr> <td>INSURER A : Hartford Casualty Insurance Company</td> <td>29424</td> </tr> <tr> <td>INSURER B : Hartford - WC Multiple Issuing Cos</td> <td>00914</td> </tr> <tr> <td>INSURER C : Continental Casualty Company</td> <td>20443</td> </tr> <tr> <td>INSURER D : Hartford Fire Insurance Company</td> <td>19682</td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Hartford Casualty Insurance Company	29424	INSURER B : Hartford - WC Multiple Issuing Cos	00914	INSURER C : Continental Casualty Company	20443	INSURER D : Hartford Fire Insurance Company	19682	INSURER E :		INSURER F :	
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A : Hartford Casualty Insurance Company	29424														
INSURER B : Hartford - WC Multiple Issuing Cos	00914														
INSURER C : Continental Casualty Company	20443														
INSURER D : Hartford Fire Insurance Company	19682														
INSURER E :															
INSURER F :															
<b>INSURED</b> <b>Bermello, Ajamil &amp; Partners, Inc.</b> <b>4711 S LeJeune Road</b> <b>Coral Gables, FL 33146-5437</b>															

**COVERAGES** **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X	X	21UUNOL5437	11/11/2022	11/11/2023	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
D	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY	X	X	21UENOL5438	11/11/2022	11/11/2023	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$10000			21XHUOL5439	11/11/2022	11/11/2023	EACH OCCURRENCE \$10,000,000 AGGREGATE \$10,000,000 \$
B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		X	21WBOL6H44	11/11/2022	11/11/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
C	<b>Professional Liability</b> <b>Claims Made</b>			AEH288262231 Retro Date 11/18/2006	11/11/2022	11/11/2023	\$5,000,000 Per Claim \$10,000,000 Aggregate \$200,000 Deductible

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
**RFP**  
 The City of Fort Lauderdale, is an additional insured as respects to General Liability and Automobile Liability  
 Waiver of Subrogation is in favor of the City of Fort Lauderdale  
 Coverage is primary and non-contributory  
 30 Day notice of cancellation applies expect for non-payment 10 Day notice is applicable

<b>CERTIFICATE HOLDER</b> <b>City of Fort Lauderdale</b> <b>Procurement services Division</b> <b>100 N. Andrews Avenue</b> <b>Fort Lauderdale, FL 33301</b>	<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
---	--

© 1988-2015 ACORD CORPORATION. All rights reserved.



## Request for Taxpayer Identification Number and Certification

**Give Form to the  
 requester. Do not  
 send to the IRS.**

▶ Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

Print or type.  
 See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. <b>Bermello Ajamil and Partners, Inc.</b>	
2 Business name/disregarded entity name, if different from above	
3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.  <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input checked="" type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate  <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____ <b>Note:</b> Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.  <input type="checkbox"/> Other (see instructions) ▶ _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):  Exempt payee code (if any) _____  Exemption from FATCA reporting code (if any) _____  <small>(Applies to accounts maintained outside the U.S.)</small>
5 Address (number, street, and apt. or suite no.) See instructions. 4711 South LeJeune Road	Requester's name and address (optional)
6 City, state, and ZIP code Coral Gables, Florida 33146	
7 List account number(s) here (optional)	

### Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

**Note:** If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

<b>Social security number</b>												
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> </tr> </table>												
<b>or</b>												
<b>Employer identification number</b>												
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;">5</td> <td style="border: 1px solid black; width: 20px; height: 20px;">9</td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;">-</td> <td style="border: 1px solid black; width: 20px; height: 20px;">1</td> <td style="border: 1px solid black; width: 20px; height: 20px;">7</td> <td style="border: 1px solid black; width: 20px; height: 20px;">2</td> <td style="border: 1px solid black; width: 20px; height: 20px;">2</td> <td style="border: 1px solid black; width: 20px; height: 20px;">4</td> <td style="border: 1px solid black; width: 20px; height: 20px;">8</td> <td style="border: 1px solid black; width: 20px; height: 20px;">6</td> </tr> </table>	5	9		-	1	7	2	2	4	8	6	
5	9		-	1	7	2	2	4	8	6		

### Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

<b>Sign Here</b>	Signature of U.S. person ▶	Date ▶ 3/14/2023
------------------	----------------------------	------------------

### General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

#### Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)  
 Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.  
*If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.*



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Search by Entity Name](#) /

## Detail by Entity Name

Florida Profit Corporation  
BERMELLO, AJAMIL & PARTNERS, INC.

### Filing Information

<b>Document Number</b>	528526
<b>FEI/EIN Number</b>	59-1722486
<b>Date Filed</b>	02/28/1977
<b>State</b>	FL
<b>Status</b>	ACTIVE
<b>Last Event</b>	AMENDMENT
<b>Event Date Filed</b>	05/17/2011
<b>Event Effective Date</b>	NONE

### Principal Address

4711 South LeJeune Road  
CORAL GABLES, FL 33146-1884

Changed: 09/27/2022

### Mailing Address

4711 South LeJeune Road  
CORAL GABLES, FL 33146-1884

Changed: 09/27/2022

### Registered Agent Name & Address

DANIELS & KASHTAN, P.A.  
ATTN: JOSEPH W DOWNS III  
4000 PONCE DE LEON BLVD  
Suite 800  
CORAL GABLES, FL 33146

Name Changed: 04/13/2009

Address Changed: 01/04/2016

### Officer/Director Detail

#### **Name & Address**

Title Chairman

BERMELLO, WILLY A, COB  
4711 South LeJeune Road  
CORAL GABLES, FL 33146-1884

Title VP

HOROVITZ, BERNARD N  
2601 S BAYSHORE DRIVE  
Suite 1000  
MIAMI, FL 33133

Title CEOP

AJAMIL, LUIS  
4711 South LeJeune Road  
CORAL GABLES, FL 33146-1884

Title MGR

OLNEY, KIRK  
4711 South LeJeune Road  
CORAL GABLES, FL 33146-1884

Title VP, SECRETARY

FERNANDEZ, RAIMUNDO  
4711 South LeJeune Road  
CORAL GABLES, FL 33146-1884

Title VP, SECRETARY

FERRER, JORGE  
4711 South LeJeune Road  
CORAL GABLES, FL 33146-1884

Title VP, SECRETARY

BAKOS, SCOTT  
4711 SOUTH LEJEUNE ROAD  
CORAL GABLES, FL 33146-1884

Title VP

HOLLINGWORTH, RANDALL P  
4711 South LeJeune Road  
CORAL GABLES, FL 33146-1884

Title VP

BARRERA, AGUSTIN J  
4711 South LeJeune Road  
CORAL GABLES, FL 33146-1884



Title CFO

GARCIA, DIANA P  
4711 South LeJeune Road  
CORAL GABLES, FL 33146-1884

Title VP

ROWE, JAMES P.  
4711 South LeJeune Road  
CORAL GABLES, FL 33146-1884

Title VP

RAMOS, DANIEL  
4711 South LeJeune Road  
CORAL GABLES, FL 33146-1884

Title VP

GARCIA, TERESITA C., SR.  
4711 South LeJeune Road  
CORAL GABLES, FL 33146-1884

**Annual Reports**

<b>Report Year</b>	<b>Filed Date</b>
2021	02/01/2021
2022	01/13/2022
2023	01/10/2023

**Document Images**

<a href="#">01/10/2023 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/13/2022 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">02/01/2021 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/23/2020 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/08/2019 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">10/17/2018 -- AMENDED ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/02/2018 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/03/2017 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">07/06/2016 -- AMENDED ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/04/2016 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/07/2015 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/02/2014 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/02/2013 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/04/2012 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">05/17/2011 -- Amendment</a>	<a href="#">View image in PDF format</a>
<a href="#">01/04/2011 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>

[01/06/2010 -- ANNUAL REPORT](#)  
[04/13/2009 -- Reg. Agent Change](#)  
[01/09/2009 -- ANNUAL REPORT](#)  
[01/18/2008 -- ANNUAL REPORT](#)  
[01/25/2007 -- ANNUAL REPORT](#)  
[02/10/2006 -- ANNUAL REPORT](#)  
[01/20/2005 -- ANNUAL REPORT](#)  
[05/27/2004 -- ANNUAL REPORT](#)  
[01/14/2004 -- ANNUAL REPORT](#)  
[02/21/2003 -- ANNUAL REPORT](#)  
[05/28/2002 -- ANNUAL REPORT](#)  
[05/30/2001 -- ANNUAL REPORT](#)  
[06/09/2000 -- ANNUAL REPORT](#)  
[02/24/1999 -- ANNUAL REPORT](#)  
[04/17/1998 -- ANNUAL REPORT](#)  
[01/21/1997 -- ANNUAL REPORT](#)  
[02/14/1996 -- ANNUAL REPORT](#)  
[04/25/1995 -- ANNUAL REPORT](#)

View image in PDF format
View image in PDF format
View image in PDF format
View image in PDF format
View image in PDF format
View image in PDF format
View image in PDF format
View image in PDF format
View image in PDF format
View image in PDF format
View image in PDF format
View image in PDF format
View image in PDF format
View image in PDF format
View image in PDF format
View image in PDF format
View image in PDF format
View image in PDF format
View image in PDF format



RESOLUTION  
Bermello, Ajamil & Partners, Inc.

At a duly called meeting of the Bermello, Ajamil & Partners, Inc. Board of Directors held on November 10, 2022, the Board elected the following individuals as officers of the Corporation.

- |                    |   |
|--------------------|---|
| Willy A. Bermello  | Chair of the Board                                  |
| Luis Ajamil        | President, Vice-chairman and CEO                    |
| Diana Garcia       | Sr. Vice-president, Chief Financial Officer (CFO)   |
| Rai Fernandez      | Sr. Vice-president                                  |
| Mark Ittel         | Sr. Vice-president                                  |
| Tere Garcia        | Sr. Vice-president                                  |
| Agustin Barrera    | Vice-president                                      |
| Scott Bakos        | Vice-president                                      |
| Jorge Ferrer       | Vice-president, Chief Quality Control Officer (CQO) |
| Randy Hollingworth | Vice-president                                      |
| Felipe Alespeiti   | Vice-president, Information Officer                 |
| Jim Rowe           | Vice-president                                      |
| Luis Sousa         | Vice-president                                      |
| Jose Lugo          | Vice-president                                      |
| James Bowers       | Vice-president                                      |

In their capacity, as officers are authorized to enter into contractual arrangements on behalf of the Corporation.

Luis Ajamil  
President



Tere Garcia  
Sr. Vice-president