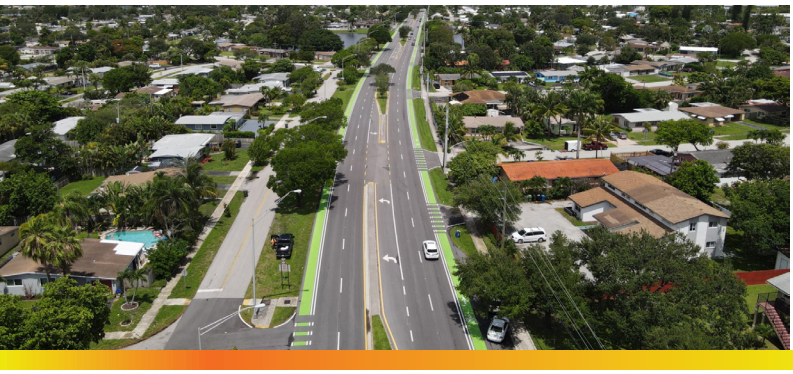
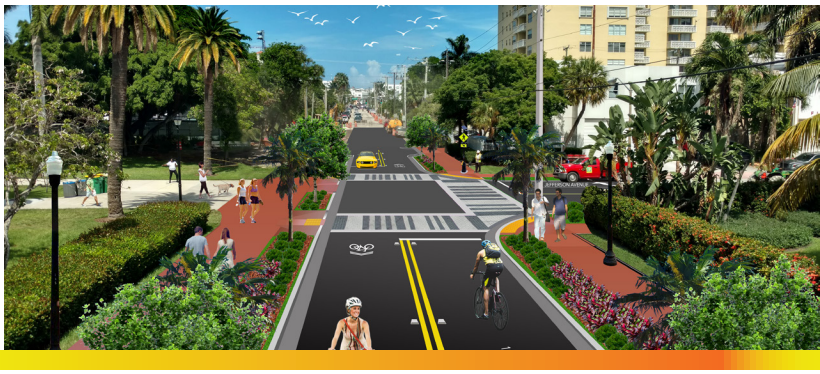










TOWN OF LONGBOAT KEY

RFP 27-004; Longboat Key Village Phase 4 Drainage Improvements - Design and Permitting

NOVEMBER 12, 2026 | 2:00 PM

PROPOSER:
CHA Consulting, Inc.
2502 N Rocky Point Drive, Suite 145
Tampa, FL 33607

PRIMARY CONTACT:
Barton Jones, PE
T: (608) 469-6994 | E: BJones@chasolutions.com

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TAB 1

EXECUTIVE SUMMARY

1. EXECUTIVE SUMMARY

LETTER OF INTEREST

NOVEMBER 12, 2026

Ms. Kari L. Kennedy, Procurement Manager
Town of Longboat Key
501 Bay Isles Road
Longboat Key, FL 34228

RE: RFP 27-004; Longboat Key Village Phase 4 Drainage Improvements - Design and Permitting

Dear Ms. Kennedy and Selection Committee Members:

Thank you for allowing CHA Consulting, Inc. (CHA) this opportunity to provide professional engineering services to the Town of Longboat Key. We are eminently qualified to undertake the design, permitting, and construction administration of the Longboat Key Village Phase 4 Drainage Improvements. This statement of qualifications will fully support your effort in evaluating our credentials. CHA has served local Florida governments since 1984 and currently serves over 70 Florida municipalities, counties, and towns with General Service Agreements (GSAs) supporting projects, such as this one for the town.

In the Tampa Bay region, we have GSAs with the Town of Longboat Key; cities of Clearwater, Dunedin, Largo, New Port Richey, Tampa, North Port, Plant City, and Temple Terrace. We also have GSAs with Hillsborough County, Pinellas County, Tampa Bay Water, the Peace River Manasota Regional Water Supply Authority (PRMRWSA), and the Withlacoochee Regional Water Supply Authority (WRWSA). In southeast Florida, we serve many municipalities, from large (Miami-Dade County) to small. Many of our existing clients are similar to the Town of Longboat Key, being coastal communities that are faced with sea level rise and resiliency issues, such as King tides and standing water during (and immediately after) heavy rainfall.



Longboat Key is a barrier island located in Manatee County on the north and Sarasota County on the south. It is 10 miles long with 4 square miles of land area and 12 square miles of water area. The Village Phase 4 project area is located within Manatee County. The Phase 4 project area incorporates Longboat Drive, South between Cedar Street and Jackson Way, and a portion of Cedar Street including the unimproved right-of-way (ROW) west of Longboat Drive South. The project area is a low-lying community at the



WHY CHA?

- ✓ ***Highly experienced Florida staff |*** *Our team has over 300 years of combined applied experience dedicated to this contract.*
- ✓ ***Local and statewide experience |*** *Our team members live and work in Florida and understand the numerous local forces acting upon a successful project execution.*
- ✓ ***Specific Florida regulatory knowledge |*** *The CHA team has long-standing relationships with the Florida Department of Transportation (FDOT), the US Army Corps of Engineers (USACE), the Southwest Florida Water Management District (SWFWMD), the Florida Department of Environmental Protection (FDEP), and various departments within Manatee County.*
- ✓ ***Client service manager has extensive public sector experience |*** *Bart's eight years of experience in C-level positions within local government, in conjunction with his consultancy experience, provide the interface to proactively identify potential issues that may be important to the town before problems arise.*

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CHASOLUTIONS.COM

north end of Longboat Key and is subject to sunny-day flooding due to high tides and King tides, along with increasing flood risks due to sea level rise. This project was one of the options presented in the May 2023 "Longboat Key Village Stormwater Assessment and Alternatives Report" prepared by Kimley-Horn Associates, Inc.

The town intends to apply for a Federal Emergency Management Agency (FEMA) Hazard Mitigation Grant Program (HMGP) grant for the project. Given this, CHA will assist the town in securing the grant. We have partnered with Angie Brewer & Associates (ABA), who is well-known in the FEMA Grant arena, to work with the town on this element of the project. Additionally, CHA will be available to assist the town in future FEMA HMGP applications.

Many firms will respond to this opportunity to provide professional engineering services to the town; therefore, the question becomes "Why CHA?" The answer is simple. We are offering a specific, highly qualified team with local knowledge that has worked together for many years on sea level rise, stormwater management, and other resiliency issues.

Full-Service Engineering Firm. CHA is an Engineering News-Record (ENR) top-50 firm with a staff of over 2,200 located in more than 50 offices company-wide. CHA is an industry leader in providing professional engineering solutions to maintain your public works infrastructure and to safeguard public health, safety, and the environment. This project will be led by **Weston Haggen, PE, DBIA, ENV SP, PMP,** as your project manager. He will be supported by our Tampa team of engineers and specialists located at 2502 N. Rocky Point Drive; Suite 145, Tampa, Florida 33607.

Respected Subconsultants. Several subconsultants will support the CHA team. These long-term subconsultants were selected based on their qualifications and history of providing high-quality, responsive service to CHA. We will utilize ECHO UES, Inc. (ECHO) for subsurface utility engineering (SUE); Hyatt Survey Services, Inc. (Hyatt) for surveying and mapping; Tierra, Inc. (Tierra) for geotechnical investigations and engineering; Diversified Professional Services Corp (DPS) for geotechnical field support; Dark Moss for landscape architecture; Angie Brewer & Associates, LC (ABA) for grant/funding assistance; and The Valerin Group, Inc. (Valerin) for public outreach.

We greatly appreciate your consideration of CHA's qualifications and experience in providing engineering services to the Town of Longboat Key. We are committed to working in full partnership with your staff and are ready to listen, understand, and act upon your needs. Should you have any questions, please contact CHA's project manager, Weston Haggen, PE, DBIA ENV SP, PMP, at WHaggen@chasolutions.com/(813) 549-0919, or your client service manager, Barton Jones, PE, at BJones@chasolutions.com/(608) 469-6994.

Sincerely,

CHA Consulting, Inc.

Weston Haggen, PE, DBIA, ENV SP, PMP
Project Manager/Florida Team Leader

Barton Jones, PE
Client Service Manager

Note: *If awarded a contract as a result of this RFP, CHA respectfully requests the opportunity to negotiate minor changes to the contract consistent with our current Master Consulting Agreement, entered into on July 10, 2023.*

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CHASOLUTIONS.COM

Contact Persons:

Weston Haggen, PE
Project Manager
(813) 549-0919
whaggen@chasolutions.com

Barton Jones, PE
Client Service Manager
(608) 469-6994
bjones@chasolutions.com

Business Structure:

Corporation; CHA is active and in good standing with the Florida Department of State under document number F08000004937.

Office Location:

CHA's Primary Office to Provide the Requested Services:
2502 N Rocky Point Drive
Suite 145
Tampa, FL 33607







CHA OVERVIEW

CHA is an innovative, full-service engineering consulting and construction management firm ***delivering sustainable, integrated solutions to the world's most challenging infrastructure projects.*** With decades of experience, we bring inspired talent, forward-leaning technology, and essential partnerships to meet our clients' evolving needs. We are your trusted advisors and partners committed to ***responsibly improving the world we live in.***

CHA serves as your single point of contact from start to finish, utilizing technology advancements and adapting teams, schedules, budgets, and services to each unique challenge. Our client focus is driven by trust and collaboration. We study, design, manage, and build ***projects that enhance our communities and our world.***

CHA's commitment to sustainability comes through in our work, the communities we build, and as we work to create a better, more sustainable workplace. Our diversification across markets, geographies, and services has driven CHA's success.

CHA's robust health and safety program empowers our people to take ownership of safety through education and access to the best safety tools. Our ***"people first" approach*** instills a culture of health and safety that minimizes the risk of workplace incidents, injuries and exposure to hazards for our employees, partners and the public. Proactive engagement to health and safety permeates throughout all levels of our organization.

At CHA, engineering and client engagement go hand-in-hand. Providing both yields ***amazing value... and amazing results.***

CHA at a Glance:

2,200+ Employees firm-wide

74 Years in business

50+ Office locations

We provide full-service programming and design:

- Architectural
- Asset management
- Aviation design and planning
- Civil engineering
- Collaborative delivery
- Construction engineering
- Electrical
- Energy solutions
- Environmental
- Geospatial innovation
- Geotechnical
- Health and safety
- Land development
- Life safety and security
- Mechanical
- Program management
- Sports planning and architecture
- Structural
- Survey
- Sustainability
- Tank rehabilitation
- Technology solutions
- Transportation engineering and planning
- Water, wastewater, and reclaimed water planning and design
- Wireless communications

CHA HISTORY & ORGANIZATION

CHA was founded in 1952 as a professional engineering firm in Boston, Massachusetts. Originally known as Clarkeson Engineering Company, the firm specialized in traditional civil, transportation, and structural engineering. CHA's founder, John Clarkeson, directed the firm's original expansion into major civil engineering projects in New England and the mid-Atlantic States. Early projects included planning a portion of the "Inner Belt" highway in Boston and the designs of large portions of I-87 in New York, I-93 in New Hampshire, I-95 in Maine, and I-91 in Vermont. CHA has since expanded and diversified, undergoing several name changes: Clarkeson Engineering Company (1952); John Clarkeson, Consulting Engineer (1955); Clarkeson, Clough, Yokel (1966); Clarkeson & Clough Associates (1967); Clough Associates (1971); Clough, Harbour & Associates (1981); Clough, Harbour & Associates, LLP (1990); CHA, Inc. (2008); and CHA Consulting, Inc. (2011). CHA has successfully grown into a highly diversified, full-service engineering consulting firm working to responsibly improve the world we live in. Located throughout the United States and Canada, CHA provides a wide range of planning and design services to public, private, and institutional clients. Markets served include aviation, education/sports, environmental, fire protection services, geospatial solutions, government/commercial buildings, manufacturing/energy, project management services, transportation, utility infrastructure, water, and architectural services. The firm currently employs a staff of more than 2,200 people (1,793 full-time) in over 40 offices in the United States and Canada.

LITIGATION STATEMENT (PAST FIVE YEARS)

CHA is a large professional engineering firm with over 50 offices throughout the United States and Canada. CHA performs thousands of projects each year. For a firm of its size and diversity, CHA's involvement in legal claims and lawsuits is remarkably infrequent, due chiefly to its competent and well-trained staff and its rigorous and comprehensive Technical Excellence Program. CHA has not been involved in any criminal matters nor had any disciplinary action taken against the firm or any of its officers. Nor has the firm had any civil judgments entered against it. However, claims against CHA do occur, and CHA has, over the past five years, been involved in ordinary civil litigation in the course of its business. CHA is confident in its ability to successfully defend, or settle on favorable terms, all such outstanding claims. Furthermore, for the protection of CHA and its clients, CHA always maintains a comprehensive insurance program that includes professional liability, workers' compensation, comprehensive general liability, automobile and umbrella policies, with limits sufficient to cover the defense and payment of all outstanding claims against CHA. In the opinion of CHA's management, no claim or lawsuit currently pending against CHA will materially affect CHA's ability to perform any ongoing or potential future project.

CHA LICENSES/CERTIFICATIONS

LICENSEE DETAILS *9:35:00 AM 5/1/2026*

Licensee Information

Name:	CHA CONSULTING, INC. (Primary Name)
Main Address:	575 BROADWAY ALBANY New York 12207
County:	OUT OF STATE

License Information

License Type:	Engineering Business Registry
Rank:	Registry
License Number:	28386
Status:	Current
Licensure Date:	01/29/2009
Expires:	

Note: FDBPR stopped issuing certificates in 2020. CHA's engineering license number is 28386.



State of Florida
Department of State

I certify from the records of this office that CHA CONSULTING, INC. is a New York corporation authorized to transact business in the State of Florida, qualified on November 17, 2008.

The document number of this corporation is F08000004937.

I further certify that said corporation has paid all fees due this office through December 31, 2026, that its most recent annual report/uniform business report was filed on January 5, 2026, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Fifth day of January, 2026

Secretary of State

Tracking Number: 122469529CC

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

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

TAB 2

PROPOSER ABILITY AND EXPERIENCE

2. PROPOSER ABILITY AND EXPERIENCE

A) CHA CAPABILITIES AND EXPERTISE

STORMWATER MANAGEMENT

CHA's engineers have experience in all aspects of surface water evaluation and design, including field reviews, data gathering, agency coordination, detention-retention pond design, and hydraulic modeling/drainage analysis to relieve street flooding. We can prepare full-scale computer models using state-of-the-art software. **CHA has conducted investigations on watersheds ranging from several acres to several thousand square miles.** These evaluations have included flood profile studies and stormwater management master plans. Our team has also demonstrated its capabilities to obtain environmental permits required for all drainage improvement projects; this effort includes agency coordination, permit sketches, and permit applications. **CHA has developed excellent relationships with the necessary regulatory agencies,** such as the Southwest Florida Water Management District (SWFWMD), FDEP, and the U.S. Army Corps of Engineers (USACE).

CHA's broad capabilities and experience in complex stormwater management have been demonstrated with several stormwater master plans, including the Miami Intermodal Center (MIC) Drainage Master Plan, where CHA coordinated with all permitting agencies and with four other design consultants to develop one drainage report and obtain one ERP for all roadway projects. Over the last 20 years, CHA has expanded and developed our expertise in the improvements of rights-of-way (ROWs) in coastal communities with similar challenges that the town experiences, including the cities of Miami and Miami Beach. **CHA has completed the design of more than 35 projects in these communities to improve and update their drainage systems.** These projects include the design of drainage pump stations and drainage wells, installing backflow preventers, and elevating roads. **Our recent experience includes, but is not limited to, the following important projects:**

- **11th Street Reconstruction** - Included elevating the road, drainage improvements, water and sewer (54-inch force main), and landscaping.
- **Lummus Neighborhood Improvements** - Included drainage improvements, water and sewer, and landscaping.
- **Nautilus Neighborhood Improvements** - Included drainage improvements, 6 pump stations (20,000 gpm each), 31 drainage wells, and landscaping. (See before and after picture to the right.)
- **Biscayne Point Neighborhood Improvements** - Included the construction of a drainage pump station and several drainage wells.
- **Crespi Boulevard Pump Station** - Included drainage improvements, one pump station (20,000 gpm), and 2,370 feet of drainage pipelines.
- **Convention Center Pump Station** - A complex pump station capable of delivering 80,000 gpm.
- **SR 836 Stormwater Pump Station** - Included the construction of a drainage pump station to relieve street flooding within a neighborhood.


Nautilus Neighborhood Improvements (Before)


Nautilus Neighborhood Improvements (After)


Crespi Boulevard Pump Station


11th Street Reconstruction


Biscayne Point Improvements

A) CHA CAPABILITIES AND EXPERTISE (CONTINUED)



DESIGN-BUILD SERVICES FOR 11TH STREET ROADWAY RECONSTRUCTION

City of Miami Beach, FL

The City of Miami Beach is raising streets in an effort to protect the city from the impending sea level rise. **To fight the effects of sea level rise, the roadway profile of 11th Street was raised two feet, which involved impacts on the existing drainage system and adjacent properties.** This project consisted of the installation of a new drainage system along the corridor while harmonizing and providing flood protection to the adjacent properties. As part of this project, our firm obtained permits from M-D DRER, FDEP, the Florida Department of Health (DOH), and the City of Miami Beach Public Works Department. CHA's team prepared construction documents (plans and specifications) for the development of new typical section and roadway reconstruction plans along 11th Street from west of Jefferson Avenue to east of Euclid Avenue; a new 54-inch force main; a new 30-inch sanitary gravity sewer; **upgrades to existing Pump Station No. 1; a new drainage system;** water main upgrades; a new decorative lighting system; replacement of existing span wire to mast-arm signalized intersections at Meridian Avenue and Euclid Avenue; landscape and irrigation upgrades; and updating signing and pavement markings. CHA was also responsible for the office administration construction progress activities related to the construction of this ROW improvement project. Extensive utility coordination was performed. This project includes harmonization design treatments to properties due to the grade differential between the proposed and existing grades.



MIAMI BEACH CONVENTION CENTER STORMWATER PUMP STATION

City of Miami Beach, FL

The CHA team, on behalf of the City of Miami Beach, completed the design for the construction of **one of its largest stormwater pump stations. This pump has the capacity to move 80,000 gpm and is just one of 80 stormwater pump stations the city will construct within the next 8-10 years to combat tidal events and sea level rise.** The project encompassed an area of approximately 84 acres. As part of this drainage improvement project, **a 96-inch trunk line was also constructed in this initial phase.** The pipe was designed as a collector pipe to receive flows from Collins Avenue and the surrounding streets; this will be completed in the near future in the final phase. This design was intended to serve as the prototype for the other pump stations that the city plans to construct in the future. In the initial phase of the pump station, trash racks capture solids that are 1 inch or larger before the flow reaches the Collins Canal. The remaining flow is split into trains, with a capacity of 40,000 gpm, and is directed to a water treatment structure and then a wet-well equipped with two 20,000 gpm axial pumps. The pump station has been designed with overflow structures for redundancy and to prevent intrusions from tidal events. This project also included the construction of 200 feet of higher seawall, with a minimum top elevation of 5.70 feet NAVD, to confirm our design's resiliency against future sea level rise.



SEA LEVEL RISE MITIGATION PUMP STATION AT CRESPI BOULEVARD

City of Miami Beach, FL

CHA served as the prime civil designer for the reconstruction of this seawall project that removed 55 feet of existing seawall and **constructed a new seawall and pump station.** CHA designed a rubble rip-rap system at the point of the pump station discharge into the bay, as required by the DRER and USACE permit requirements. The new seawall was 15 feet in depth and was raised in an effort to account for future sea level rises. The new seawall has a top elevation of 5.5 feet North American Vertical Datum (NAVD). **The project also consisted of installing a proposed collection system, including 23 proposed inlets, 13 manholes, and 2,370 feet of drainage lines installed along Crespi Boulevard from Hawthorne Avenue to 84th Street. The collection system was designed to mitigate stormwater runoff to a new pump station and water quality system. The new pump station and 8-foot by 4-foot box culvert discharge connection with manatee grate was installed in place of the existing 18-inch outfall located at the east side of the Crespi Boulevard/81st Street intersection.**

A) CHA CAPABILITIES AND EXPERTISE (CONTINUED)



BISCAYNE POINT NEIGHBORHOOD IMPROVEMENTS DESIGN-BUILD

City of Miami Beach, FL

CHA served as the engineer-of-record and oversaw construction management for this design-build project. This comprehensive project encompassed water main enhancements, the i**nstallation of decorative lighting, updated signage and pavement markings, irrigation improvements, curb and gutter work, sidewalk repairs, meter and meter box replacements, ADA compliance measures, milling and resurfacing, and a thorough revamp of half the stormwater management system in Biscayne Point. This revamp involved adding 190 structures, 5 gravity wells, 6 injection wells, and a drainage pump station.** Spanning 4.33 square miles of residential zones, the project covered areas including Biscayne Point Island, Biscayne Beach, and Stillwater Island. Throughout the project, CHA collaborated closely with the contractor, emphasizing both efficiency and cost-effectiveness while safeguarding against potential pitfalls and upholding product quality. Our commitment to excellence was evident as we offered a range of construction management services, from ongoing value engineering and weekly progress discussions to meticulous shop drawing evaluations, prompt responses to RFIs, and efficient document management.

Additionally, CHA conducted independent evaluations of potential risks beyond the project's scope. We often communicated these insights to the City of Miami Beach through technical memos or formal letters. Thanks to the value engineering efforts, the City of Miami Beach saw substantial capital cost reductions and O&M savings, ranging between $4 and $5 million. **One notable achievement from these efforts was the reduction in the number of required stormwater pump stations from 4 down to just 1, minimizing the disturbance to the residential community.**



SEA LEVEL RISE MITIGATION PROGRAM

City of Miami Beach, FL

CHA has performed the role of program manager for the City of Miami Beach Sea Level Rise Mitigation Program and, in conjunction with the city, has worked to assess the risks of rising seas and coastal flooding. Through this program, **CHA has spearheaded the effort to provide a suggested approach for evaluating the impacts of sea level rise and offering potential adaptation strategies for dealing with these impacts, including hard and soft infrastructure options, flood risk management and coastal protection, and transportation planning.**

To enhance the city's understanding of the impacts of sea level rise, several scenarios were evaluated to analyze the effects of inundation along shorelines, beaches, beach erosion, and coastal flooding. This has served to assist the city in assessing future impacts from coastal hazards and identifying new and improved strategies for adapting to coastal hazards in response to sea level rise. The information gathered has been used to inform policymakers, city agencies, and community stakeholders when making decisions about developing, prioritizing, designing, and building the appropriate adaptation strategies that enhance the City of Miami Beach's resilience to sea level rise and coastal flooding.

In addition to evaluation and assessment, CHA has worked on the design of various construction projects that have served to improve climate change resiliency and reduced the impacts of sea level rise in communities throughout the City of Miami Beach. These include stormwater systems, conveyance pipes, inlets, drainage wells, stormwater pump stations, sea walls, water quality analyses, and environmental/habitat protection projects. A sample of these projects includes:

11th Street Sea Level Rise Mitigation - This project included the **elevation of roadways to protect the city from impending sea level rise.** The roadway profile of 11th Street was raised two feet, which involved impacts to the existing drainage system and adjacent properties. **This project also consisted of the installation of a new drainage system along the corridor while harmonizing and providing flood protection** to the adjacent properties.

A) CHA CAPABILITIES AND EXPERTISE (CONTINUED)

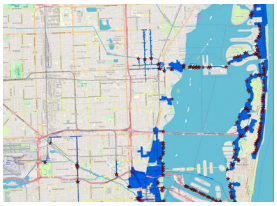
Washington Avenue - This project included **partial roadway reconstruction, milling and resurfacing, gravity drainage wells,** sanitary sewer capacity improvements (consisting of pipe/manhole upsizing), water main upgrades, upgrades to three signalized intersections from span-wire to mast arm, relocation of water meters/meter boxes, **and several other roadways improvements.**

Lummus Neighborhood Improvements - This project included the **development of prioritized streetscape and urban improvements** throughout the neighborhood and **upgraded water and stormwater infrastructure throughout.**

Little Flamingo Neighborhood Improvements - This project was part of an infrastructure improvement program that consisted of the development of landscape, hardscape, lighting, water, and stormwater systems. CHA designed the installation of approximately 4,300 feet of 8-inch ductile iron water main that replaced a 6-inch cast-iron water main. This project also included the replacement and/or relocation of existing water meters and services, fire hydrants, and fire lines.

Nautilus Neighborhood Improvements - This project included the **implementation of a resilience program with the installation of 16,300 feet of conveyance pipe, 92 inlets, 74 manholes, gravity drainage wells, 31 pressurized drainage wells, and 6 stormwater pump stations.**

Prairie Avenue Pump Station - This project included **roadway milling and resurfacing; new Type E and F curb-and-gutter and sidewalk; a new drainage system, including a new deep underground storm-water pump station structure; injection wells;** and an upgrade of the existing signalized intersection at Prairie Avenue and Dade Boulevard.



SPECIALIZED CONSULTANT NPDES PROGRAM

FDOT District 6, Miami, FL

CHA has been serving FDOT District 6 as the program manager for the NPDES Outfall Assessment Program for the last 10 years. Our team has been responsible for the implementation of procedures and practices related to the investigation of the specific conditions of the outfalls serving the state highway system, the general conditions of the stormwater systems associated with these outfalls, and the proposed recommendations to address critical issues.

Close coordination with subconsultants and FDOT has been a crucial component to the successful development of this program and to effectively manage multiple assignments concurrently and their corresponding schedules and budgets.

This program is intended to investigate the existing conditions of the stormwater outfalls serving the state highway system and report possible solutions to any problems discovered.

The overall purpose of the program is to provide a thorough assessment of the condition of the outfalls, which not only determines which outfalls require remedial action but also produces recommendations and an order-of-magnitude cost estimate for the recommendations. Easement or ROW evaluations, video inspections, cleaning, and repairs are part of the recommended actions of this contract. In addition, percentage of ownership and financial responsibility is determined based on the outfalls tributary area and the areas being served by each corresponding system.

The activities included in this scope of work are:

- Data collection
- Obtaining and reviewing existing outfall databases from FDOT District 6 and Miami-Dade County
- Reviewing as-built plans and GIS inventory
- Easement and ROW evaluation/title search
- Outfall evaluation
- Performing field inspections

A) CHA CAPABILITIES AND EXPERTISE (CONTINUED)

- Identifying the need for environmental assessments/permits
- Identifying outfall system repair and retrofit measures
- Performing a preliminary structural evaluation of outfalls and seawalls
- Evaluating and identifying the feasibility of potential repair methods

The field inspection will be focused on the following parameters of each outfall: size, geometry, material, condition of the outfall pipe, type of outfall headwall or seawall, condition of outfall headwall or seawall (approximately 5 to 10 feet from each side of the outfall pipe), backflow preventer type (if present), accessibility to the outfall, date the outfall was constructed (if available), ownership of the outfall (if available), visible evidence of seagrass, visible evidence of outfall obstructions, and photographs documenting the conditions of the outfall and headwall.

Final recommendation/report:

- Develop the outfall assessment report for the outfall included in each task work order (TWO)
- Update the GIS database of the inspected outfalls

The CHA team is very proud to be the most qualified and skilled consultant in assessing outfall conditions for FDOT District 6. We have successfully completed more than 260 outfall assessments in the last 10 years. **One of our team's most important achievements is the completion of the outfall assessments for the entire City of Miami Beach and most of the coastal areas, addressing current and future sea level rise conditions.**



FDOT District 6, Specialized Consultant NPDES Program

B) REFERENCE PROJECTS - LAST FIVE YEARS



STORMWATER MANAGEMENT PROGRAM

City of Miami, FL

The Citywide Program Management Support Services for Stormwater Infrastructure Improvements Program provides comprehensive program and project management services for the City of Miami's stormwater infrastructure capital improvement initiatives. The program supports the planning, design, permitting, procurement, construction, and closeout of multiple concurrent stormwater and resiliency projects throughout the City, while coordinating funding, scheduling, budgeting, regulatory compliance, stakeholder engagement, and construction oversight. The program is intended to advance projects identified through the City's stormwater master planning, capital improvement, flood mitigation, and resilience initiatives. Recent projects include:

Clemente Park Neighborhood Improvements - Developed to address chronic flooding identified in the City of Miami Stormwater Master Plan, this project includes drainage system upgrades, roadway reconstruction, new inlets, upsized storm sewers, and deep exfiltration trench systems to improve stormwater management. The improvements reduce roadway and property flooding while meeting City of Miami and Miami-Dade County stormwater level-of-service requirements.

Auburndale Flood Mitigation Improvements - Identified in the City of Miami Stormwater Master Plan, this project addresses recurring flooding through drainage upgrades, roadway elevation improvements, stormwater collection systems, and French drains. The improvements reduce roadway and property flooding, enhance neighborhood resiliency, and meet City of Miami and Miami-Dade County stormwater criteria.

Dates
2023 - Ongoing

Cost
CHA Fee:
Varies per project

Construction:
Varies per project

Reference
City of Miami
Clara Sidan, PE
Assistant Director of
Stormwater & Permitting
444 SW 2nd Avenue, 8th Floor
Miami, FL 33130
(305) 416-1050
csidan@miamigov.com

Relevance to Scope:
- Flood mitigation
- Drainage design
- Roadway improvements
- Stormwater modeling
- Sea level rise resiliency
- Stakeholder coordination
- Pump stations
- Drainage wells
- Regulatory permitting
- Construction support

B) REFERENCE PROJECTS - LAST FIVE YEARS (CONTINUED)

East Little Havana Flood Improvements - Identified in the City of Miami Stormwater Master Plan, this neighborhood flood mitigation project includes new and upsized stormwater infrastructure, exfiltration trenches, drainage wells, and a stormwater pump station to improve conveyance and reduce flood risk. The improvements are expected to benefit approximately 846 properties while enhancing community resiliency.

Shorecrest North Flood Improvements - Developed to address chronic flooding in a low-lying area near Biscayne Bay, this project includes upgraded stormwater infrastructure, exfiltration trenches, injection wells, and a new pump station to improve drainage and reduce flood risk. The improvements enhance neighborhood resiliency and provide flood protection for approximately 107 properties.

Shorecrest South Flood Improvements - This flood mitigation project includes upgraded stormwater infrastructure, exfiltration trenches, injection wells, and a new pump station to improve drainage and reduce flood risk. The improvements enhance resiliency to heavy rainfall and tidal influences while benefiting approximately 390 properties.

Edgewater Flood Improvements Phase I - This flood mitigation project includes stormwater system upgrades, outfall rehabilitation, and a new pump station with injection wells to improve drainage and reduce flooding. The improvements enhance resiliency in a dense urban waterfront area while providing flood protection for approximately 529 properties.

Edgewater Flood Improvements Phase II - This large-scale flood mitigation project includes stormwater infrastructure upgrades, exfiltration trenches, and drainage wells to improve stormwater storage and conveyance. The improvements reduce roadway and property flooding while enhancing resiliency for nearly 3,000 properties.

CHA serves as Engineer of Record for the Clemente Park and Auburndale flood mitigation projects and provides program management for the remaining initiatives. Together, these projects advance the City of Miami's Stormwater Master Plan by reducing flood risk, improving drainage infrastructure, and enhancing community resiliency.



City of Miami, Auburndale Flood Improvements Project

B) REFERENCE PROJECTS - LAST FIVE YEARS (CONTINUED)





IMPROVEMENTS/RETROFIT OF STORMWATER PUMP STATION #10

City of Miami Beach, FL

The project consists of **limited improvements to the existing Stormwater Pump Station #10 that serves the area of Neighborhood No. 7/Nautilus.** Pump Station #10 is located at the northeast corner of the intersection of West 46th Street and Jefferson Avenue in Miami Beach, Florida. The city has received several complaints regarding the performance of this stormwater pump station, including odor released from the wet well. The city contracted CHA to redesign the bypass system to improve this situation. Pump Station # 10 was originally constructed in 2008. The Nautilus Neighborhood is divided by the Indian Creek waterway into West Nautilus and East Nautilus. It includes the area from Arthur Godfrey Road to the south, Biscayne Waterway to the east, Biscayne Bay to the west, and Surprise Waterway to the north, with a total area of 112 acres.

On behalf of the City of Miami Beach, **CHA has previously provided major infrastructure improvements in this residential area. The previous improvements of this neighborhood included roadway, drainage, the six stormwater pump stations (including Pump Station #10), lighting, landscaping, and water systems.** The area primarily comprises single-family homes and residential streets with some pockets of multi-family homes. Three priority basins were included in this project: Basins 92, 97, and 99. The analysis of the existing system showed that the systems are inadequate to handle the runoff from a 7.5-inch storm as required by the city's stormwater master plan. Therefore, **the stormwater improvements included 16,300 feet of conveyance pipe; 92 inlets and 74 manholes; gravity drainage wells and 31 pressurized drainage wells; and six stormwater pump stations.**

Dates
2022 - 2025 (PS#10 Retrofit)
2008 - 2010 (Original Project)

Cost

CHA Fee:
$40,183 (PS#10 Retrofit)
~$2.6M (Original Project)

Construction:
~$34.8M (All Phases)

Reference
City of Miami Beach
Jose A. Perez, PE
1700 Convention Center Drive
Miami Beach, FL 33139
(305) 592-7283
joseperez@miamibeachfl.gov

Relevance to Scope:
- Stormwater pump station retrofit design
- Flood mitigation
- Drainage design
- Stormwater conveyance
- Drainage wells
- Neighborhood drainage improvements
- Urban infrastructure
- Regulatory permitting

B) REFERENCE PROJECTS - LAST FIVE YEARS (CONTINUED)



MIAMI INTERMODAL CENTER (MIC) STORMWATER PUMP STATION PH. 1&2

M-D DTPW, Miami-Dade County, FL

The MIC is part of the Miami-Dade Transportation Improvement Program to improve access to the Miami International Airport (MIA), thereby alleviating traffic congestion on MIA access roadways. All of these improvements increase the transit system's ability to capture trips to and from MIA and reduce traffic congestion on local roadways. The proposed improvements to the existing transportation system by the MIC program modified the existing drainage patterns of the area located within the project limits. The MIC Management Group (MMG), in coordination with FDOT District 6, MDX, and M-D DTPW, has developed a comprehensive drainage study that evaluates the pre- and post-development drainage conditions of this area. The proposed drainage improvements also solve the historical flooding problems present in the area north of NW 25th Street, which is within the limits of System 11 of the MIC Drainage Master Plan. System 11 includes the area located east of LeJeune Road up to NW 37th Avenue and between NW 21st Street and NW 29th Street. The C-4 Canal (Tamiami Canal) is the major canal serving this basin. There was reported flooding along NW 26th Street. **Thus, a new stormwater pump station was installed at the southeast corner of the intersection between NW 25th Street and NW 39th Avenue. In summary, the proposed drainage system consists of installing a new stormwater pump station (10,000 gpm) that discharges into a 60-inch outfall pipe at the intersection of NW 39th Avenue and NW 25th Street. This pump station was redesigned in 2021 to upgrade the electrical components (panels, generator, etc) and the trash rack structure. This design included the installation of 36 feet of 48-inch storm drain pipe and an electrical generator to be located next to the pump station.**

Dates
2010 - 2021

Cost
CHA Fee:
$161,500 (Ph. 1 & 2 combined)

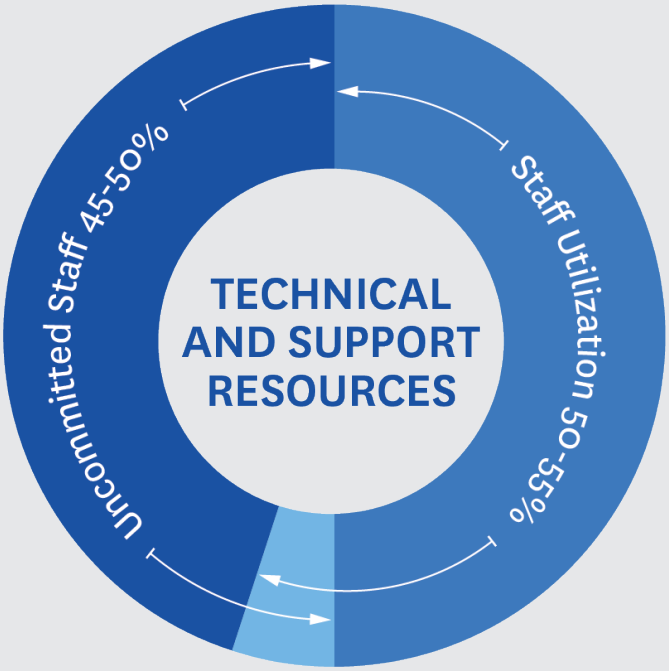
Construction:
~$925,000

Reference
M-D DTPW
Rene Diaz, Engineer II
111 NW 1st Street, Suite 1566
Miami, FL 33128
(305) 375-3444
rene.diaz@miamidade.gov

Relevance to Scope:
- Stormwater pump station design
- Flood mitigation
- Drainage analysis
- Outfall improvements
- Electrical upgrades
- System retrofits
- Master plan implementation
- Multi-agency coordination
- Regulatory permitting

C) CURRENT WORKLOAD AND AVAILABILITY TO PROVIDE THE SCOPE

Our proposed key personnel are available to undertake this assignment successfully. Current and projected workloads are analyzed weekly at CHA to allocate resources appropriately. As projects are initiated, the appropriate technical and support resources necessary to perform each task are allocated to meet or exceed all project requirements. The current utilization of the staff is generally in the range of 50-55%, leaving an uncommitted staff effort of between 45% and 50% based on today's workload.





Having provided engineering services to municipal governments for over 74 years, CHA recognizes the pressures municipal officials confront, including budgets and project schedules. We will work collaboratively with the town as a true partner to have sufficient staff, equipment, and systems available to meet or exceed your expectations with our deliverables. **With a bench strength of over 2,200 professionals, we do not foresee any issues meeting deadlines.**

In-House Key Technical Resources

265	125	148	45	210	78	153	34
Water/Wastewater	Civil	Electrical	Environmental	Mechanical	Structural	Transportation	Architecture

C) CURRENT WORKLOAD AND AVAILABILITY TO PROVIDE THE SCOPE (CONTINUED)

COMMITMENT TO THE TOWN OF LONGBOAT KEY

CHA and each of our subconsultants' staff have substantial availability and will be allocated to the town, as necessary, to complete this project in a timely and efficient manner. We have assembled a focused team of local CHA professionals with direct, relevant experience. The assigned staff's efforts will be sufficiently allocated to accomplish the project on schedule and within budget. CHA provides similar services to other governmental agencies within the state of Florida. Our track record demonstrates that we successfully provide high-quality services and products to these municipalities, as we intend to provide to the town.

TEAM MEMBER	ROLE	AVAILABILITY FOR THIS PROJECT
CHA CONSULTING, INC. (PRIME)		
Barton Jones, PE	Client Service Manager	40%
Weston Haggen, PE, DBIA, ENV SP, PMP	Project Manager	45%
J. Richard Voorhees, PE, BCEE	Quality Manager	40%
Arnelio Alfonso, PE	Lead Stormwater Engineer	45%
Alejandro León, PE	Lead Roadway Engineer	45%
Angela Barón-Ruiz, PE, ENV SP	Climate Change & Resiliency Lead/ Drainage Analysis & Modeling Lead/ Stormwater Management Engineer	45%
Francisco Vasquez, PE	Drainage Analysis & Modeling/Stormwater Management Engineer	55%
Jeffery Grant, PE, LEED AP	Stormwater Management Engineer	45%
Rocío Trimiño-Gort, PE	Stormwater Management Engineer	55%
Cecilia Villoria, PE	Roadway/Traffic Engineer	50%
Elio Espino, PhD, PE	Roadway/Traffic Engineer	45%
Hector Vargas, PE	Roadway/Traffic Engineer	50%
Lindsay Rose	Environmental Lead	55%
Chistopher Leek	Environmental Scientist	55%
Julian Gomez, PE	Utility Coordination/Relocation Lead	50%
Emily Williamson, PE	Utility Coordination/Relocation	50%
Ivonne Planas, PE	Utility Coordination/Relocation	45%
Ian Grabo, EI	Utility Coordination/Relocation & Permitting	55%
Levi Boyle, PE	Constructability Review Lead/Lead CEI Specialist	45%

C) CURRENT WORKLOAD AND AVAILABILITY TO PROVIDE THE SCOPE (CONTINUED)

TEAM MEMBER	ROLE	AVAILABILITY FOR THIS PROJECT
CHA CONSULTING, INC. (PRIME)		
Alexander Milz, PE	CEI Specialist	50%
Jeffrey Robitaille	CEI Specialist	55%
Hannah Kapalo, EI, ENV SP	Permitting	55%
SUBCONSULTANTS		
Jerry Comellas, PE (ECHO)	SUE	50%
Russell Hyatt, PSM (Hyatt)	Surveying & Mapping	50%
Marc Novak, PhD, PE (Tierra)	Geotechnical Engineer	40%
Sandy Polanis (DPS)	Geotechnical Field Supervisor	60%
Ricky Peterika, RLA (Dark Moss)	Landscape Architect	50%
Caleb King, RLA (Dark Moss)	Landscape Architect	50%
Mark Brewer (ABA)	Grant/Funding Assistance	40%
Valerie Ciudad-Real (Valerin)	Public Outreach	20%
Shannon Estep (Valerin)	Public Outreach	30%

D) PREVIOUS EXPERIENCE WORKING WITH THE TOWN OF LONGBOAT KEY

CHA has completed the following projects for the Town of Longboat Key over the last 10 years:

PROJECT NAME	DATES	CHA FEE
AWTP and Deep Injection Well Construction/O&M Cost Estimate	4/2021-5/2022	$3,000
Subaqueous Force Main Leak Detection	7/2021-2/2022	$2,999
Review of Wastewater Retention Tank	11/2021-5/2022	$2,999
Water Loss Investigation	4/2023-8/2023	$29,915
High-Service Pump Evaluation	8/2023-12/2023	$22,950
Subaqueous Crossing OPCC	4/2024-7/2024	$6,860
	Total:	$68,723

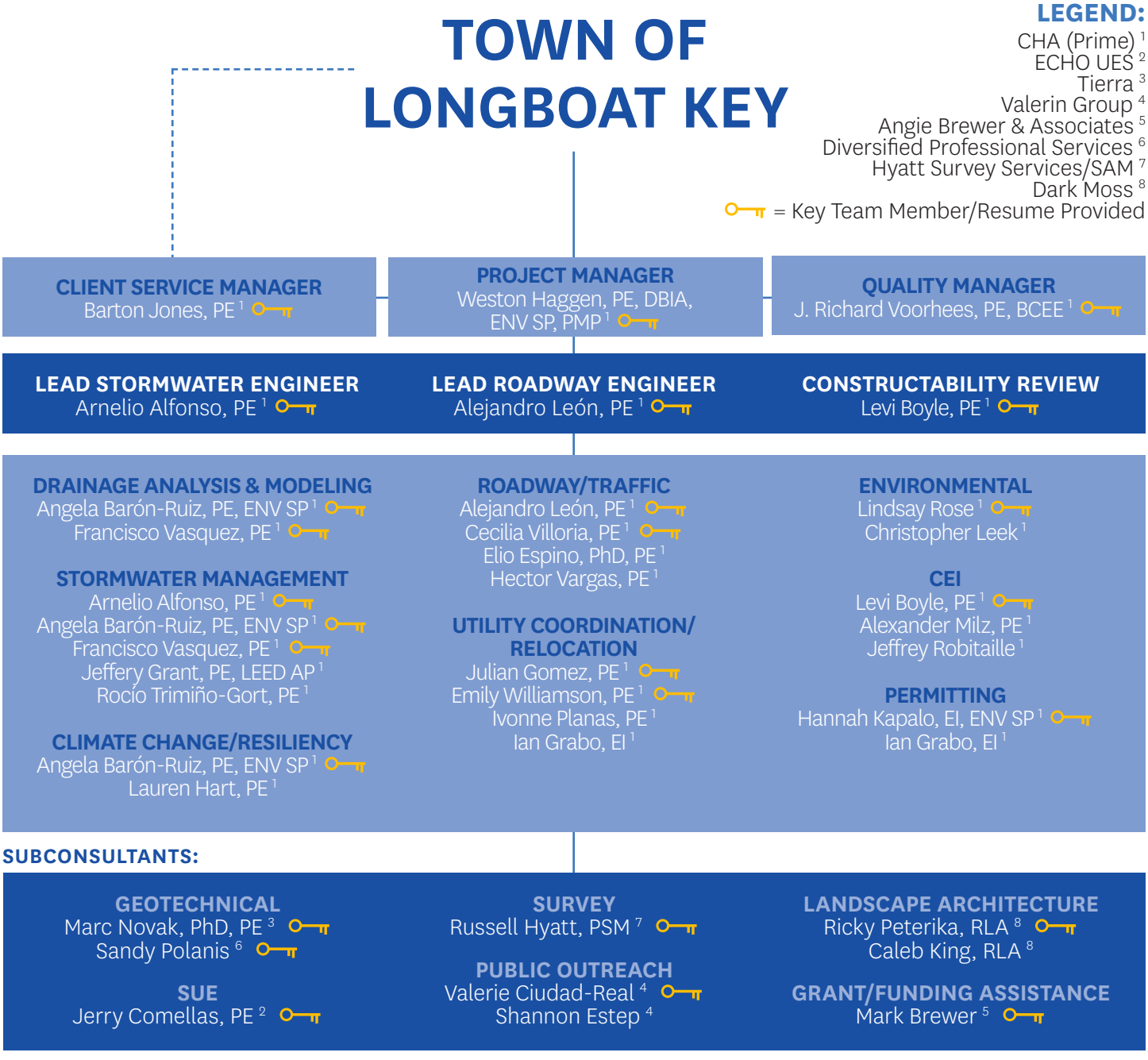
TAB 3

PERSONNEL QUALIFICATION AND EXPERIENCE

3. PERSONNEL QUALIFICATION & EXPERIENCE

A) ORGANIZATIONAL CHART

Our team has been built to provide the Town of Longboat Key with an extraordinary blend of engineering expertise, Florida project history, and personalized service. Our **proposed project manager, Weston Haggen, PE, DBIA, ENV SP, PMP,** will be the town's direct day-to-day contact. Weston has assigned the most qualified project team for the scope of services identified in your RFP. Each of our team members was specifically selected to assist in successfully completing all unique challenges and project needs for the duration of the contract.



B) RESUMES OF PROPOSER'S KEY PERSONNEL

Barton Jones, PE



Client Service Manager

Bart has extensive experience spanning over 50 years in environmental engineering, having worked on treatment facilities, transmission and distribution systems, storage and pumping facilities, stormwater management programs, regulatory compliance, and construction management. He has served as a senior project manager and client services manager for many of the nation's larger cities, such as Louisville, KY; Indianapolis, IN; and Columbus, OH. Bart currently leads the business development efforts throughout Tampa and the West Florida region for CHA and is a corporate-wide technical resource for our project teams. Representative project experience includes:

City of Dubuque, IA, and Spartanburg Water Works, SC, Public Sector Experience. Director of Utilities (water and wastewater) for Dubuque, IA. Responsible for 16% of the city's staff and operational budget and 26% of the city's capital improvement budget. Before that, Bart served as the assistant chief engineer for Spartanburg, SC Water Works, with a 56 MGD surface WTP and approximately 2,800 miles of water transmission and distribution pipelines. The Water Works served a population of 275,000 over 857 square miles.

DeKalb County, GA, Prestressed Concrete Raw Water Pipe Cleaning. Lead project engineer for cleaning approximately 3 miles of 42-inch diameter prestressed concrete raw water pipe; this required designing new launch facilities at the raw water pump station and inserting a new prestressed concrete tee at the WTP. Given the demand from the distribution system, elevated storage provided an eight-hour window for the tee insertion.

Louisville and Jefferson County Metropolitan Sewer District, KY, Biosolids Handling Facility Design-Build. Owner's agent for a new 120 MGD biosolids handling facility to be delivered by the design-build-operate (DBO) system. Prepared 30% complete preliminary design drawings and specifications for anaerobic digesters, followed by gravity thickeners and belt presses. DBO negotiations failed. The failed negotiations resulted in a revised design-build procurement process. The effort was successful and resulted in a new Class A pelletized product, which MSD provided to the city departments and sold to the public.

DeKalb County, GA, Clayton County Water Authority, GA, Macon-Bibb County Water Authority, Gainesville, GA, City of Savannah, GA, and Spartanburg Water Works, SC, Water Transmission and Distribution Design. Lead project engineer for designing over 600 miles of water transmission and distribution lines ranging from 4- to 54-inch diameter, utilizing cast iron, ductile iron, steel, and prestressed concrete materials. These projects also included the design of storage tanks, both elevated and ground.

DeKalb County, GA, Clayton County, GA, City of Savannah, GA, City of Forsyth, GA, and Gainesville, GA, Wastewater Collection Systems and Pump Station. Lead project engineer for wastewater collection systems and pump stations ranging from 8- to 42-inch diameter pipelines and 0.5 to 16 MGD pump stations.

Firm
CHA Consulting, Inc.

Years of Experience
55 Total | 7 with CHA

Availability for the Project
40%

Education
University of Dubuque, IA, M.B.A., Business Administration

Georgia Institute of Technology, GA, Undergraduate Studies in Civil and Environmental Engineering

Registration and Certifications
Professional Engineer - IA

Memberships and Affiliations
American Water Works Association, Gold Drop Recipient, Life Member

Water Environment Federation, Life Member

Water Environment Federation, Fellow

Past Chair of WEF's Technical Practice Committee responsible for developing and publishing manuals of practice and special publications

Past Chair of WEF's Committee Leadership Council, the management umbrella for all 37 technical committees

Weston Haggen, PE, DBIA, ENV SP, PMP



Project Manager

Weston has over 17 years of experience in water, wastewater, and reclaimed water. He is a 2022 graduate of the Water Environment Federation's Water Leadership Institute, which focuses on holistic solutions to our "one water world" challenges. His expertise includes water quality hydraulic modeling, master planning, pipeline design, lift station design, potable water quality improvement, unidirectional flushing (UDF), I&I studies, construction administration, preliminary design of wastewater and water plants, regulatory permitting, water treatment pilot studies, feasibility studies, report writing, and data management, including GIS for a variety of municipal and government projects in water and wastewater treatment. Representative project experience includes:

City of Vero Beach, FL, Stormwater Augmentation Program. Project manager for a multi-phase stormwater reuse program for the City of Vero Beach, delivering a 3.0 MGD intake pump station and 3,600 feet of subaqueous 18-inch HDPE stormwater pipeline beneath the Indian River Lagoon. Weston led the design, permitting, and phased construction while coordinating with FDEP, USACE, FWC, SFWMD, and local stakeholders. He managed complex crossings of a federal navigable waterway, railroads, and FDOT ROWs using the Intersect Method to minimize environmental impacts. Optimized project costs by reusing existing infrastructure and secured grant funding covering 35% of eligible costs. The project reduces nitrogen loading to the Indian River Lagoon by approximately 17,000 pounds annually and provides a sustainable non-potable irrigation supply.

City of Clearwater, FL, Water and Reclaimed Water Program Management. Program manager for a system-wide potable and reclaimed water main assessment and replacement program that included conceptual routing, design, permitting, and construction support for pipeline improvements in highly congested ROWs, as well as replacement/relocation of other stormwater and wastewater utilities for consolidated utility replacements to reduce costs associated with restoration and minimizing impacts to citizens. This program also included a variety of additional tasks and support to the city, including environmental assessment and ERP permitting, condition assessment of pipeline, ground storage tank evaluations, hydraulic modeling, water quality assessments, full-time RPR services, lead and copper rule regulatory compliance support, and other various as needed services.

City of Clearwater, FL, Reclaimed Master Plan. Project engineer for a master plan evaluating buildout of the reclaimed water system to 10.0 MGD and 420 miles of piping. Early phases required limited modifications, while later phases included a new pump station, additional storage, and pump station improvements. CHA recommended adding connections to existing infrastructure to increase reclaimed water use, reduce surface water discharge, and support regulatory requirements.

City of Clearwater, FL, Reclaimed Water Quality. Project manager for evaluation of reclaimed water quality issues, including distribution system sampling and assessment of elevated chloride and iron levels. Recommendations included GST cleaning and additional WRF maintenance to reduce iron buildup.

Firm
CHA Consulting, Inc.

Years of Experience
17 Total | 17 with CHA

Availability for the Project
45%

Education
Professional Engineer - FL

FDOT, MOT Advanced

NASSCO PACP/MACP/LACP Certification

Design-Build Professional Certification

Envision Sustainability Professional Certification

Project Management Professional Certification

Registration and Certifications
Professional Engineer - FL

Memberships and Affiliations
American Water Works Association

Water Environment Federation

Florida Water Environment Association

J. Richard Voorhees, PE, BCEE



Quality Manager

Rich has over 50 years of experience and is highly qualified in the planning, design, construction, start-up, and operation of water and wastewater treatment and pumping facilities. He is a Board Certified Environmental Engineer and is recognized in Florida as a technology leader in water and wastewater treatment, especially biological nutrient removal for wastewater treatment and enhanced lime softening for water treatment. Rich has been the project or design manager to design and construct multi-million dollar water and wastewater facility projects. He has previous experience as a general contractor for water and wastewater facility construction. Representative project experience includes:

St. Johns County, FL, Fox Creek Regional Pond Stormwater Pumping Stations. Senior project engineer for designing the civil/mechanical pumping facilities, including pumping station hydraulic calculations and pump selection. The four stormwater pumping stations included two hurricane pumping stations with two 9,000 GPM vertical mixed flow pumps and a 10-by-17-foot precast concrete wet well, with a maximum combined design pumping rate of 36,000 GPM; a treatment pumping station with three 3,500 GPM submersible pumps and a 10-by-16-foot precast concrete wet well with a station design pumping rate of 3,500 to 5,900 GPM; and a baseflow pumping station with two 1,400 GPM submersible pumps and a 10-foot diameter precast concrete wet well, with a station design pumping rate of 1,400 GPM. The design also included details for large suction and discharge piping.

City of Orlando, FL, Prime 1 Orlando Outlet Mall Master Plan - Water Transfer and Water Feature Recirculation Pump Stations Design. Technical lead for designing the transfer pumping station and water feature pumping stations to support a water feature incorporated into the new site work infrastructure. The design included transferring water from a wet stormwater retention pond at the outer boundary of the property to the water feature recirculation pond. Water for the water feature would be pumped from the recirculation pond to the water feature waterfall. The waterfall discharge was designed to flow back into the recirculation pond. The project included the following:

- ***Transfer Pumping Station:*** The station included a 10-inch intake screen and a 180-foot-long, 10-inch intake pipeline to the pumping station wet well. The station included a 6-foot diameter precast concrete wet well, a precast concrete valve vault, a 450 GPM 5.0 HP submersible pump with a guide rail system, and a control system with automatic ultrasonic level control. The project also included a 1,000-foot, 6-inch discharge force main to the recirculation pond.
- ***Water Feature Recirculation Pumping Station:*** The station included a 16-inch intake screen and a 40-foot-long, 16-inch intake pipeline to the pumping station wet well. The station included an 8-foot diameter precast concrete wet well, precast concrete valve vault, and 1,500 GPM 10.0 HP submersible pump with a guide rail system. The pump discharges to a 40-foot-long, 10-inch diameter transfer main, discharging into the water feature pool/waterfall. The pump controls included a manual variable frequency drive for adjusting flow to the water feature waterfall.

Central Florida Tourism Oversight District, FL, World Drive Extension, Phase III. Senior project engineer for relocating the water, wastewater, and reclaimed water utilities as part of a roadway project to extend World Drive. The roadway was extended, realigned, and included fly-overs, modified drainage, and other roadway improvements. CHA made certain existing utilities remained in service and operation throughout the construction and maintained traffic flows. The design included 3,400 feet of 20-inch and 30-inch reclaimed water, 1,800 feet of 6-inch and 8-inch water main, 1,250 feet of 20-inch water main, 1,100 feet of 8-inch gravity force main, and 5 manholes.

Firm
CHA Consulting, Inc.

Years of Experience
50 Total | 9 with CHA

Availability for the Project
40%

Education
Auburn University, AL, M.S., Civil/Environmental Engineering

Auburn University, AL, B.S., Civil Engineering

Registration and Certifications
Professional Engineer - FL

Board-Certified Environmental Engineer

Memberships and Affiliations
Chi Epsilon Civil Engineering Honorary Fraternity

American Society of Civil Engineers

Water Environment Federation

American Water Works Association

Florida Select Society of Sanitary Sludge Shovelers

Arnelio Alfonso, PE

Lead Stormwater Engineer



Arnelio has over 39 years of experience in the stormwater management field. His experience extends from consulting engineer to university professor. Arnelio has managed stormwater improvement projects for municipalities and state and federal agencies. These projects have included sea level rise mitigation, flood protection studies, drainage pump stations, and stormwater management master plans. He has also demonstrated his capabilities as a project manager working with multi-disciplinary teams. Arnelio is a member of the Project Management Institute and is qualified to obtain the Project Management Professional (PMP) certification. He has developed excellent relationships with agencies, including SFWMD, FDEP, USACE, and M-D DRER. Representative project experience includes:

City of Miami Beach, FL, Design-Build Services for 11th Street Roadway Reconstruction (East Alton Road to West of Washington Avenue). Project manager for this project that included the reconstruction of the roadway, which was raised two feet on average, and included the harmonization of each property owner along the corridor. CHA's team prepared construction documents (plans and specifications) for the development of new typical section and roadway reconstruction plans along 11th Street from west of Jefferson Avenue to east of Euclid Avenue; a new 54-inch force main; a new 30-inch sanitary gravity sewer; upgrades to existing Pump Station No. 1; a new drainage system; water main upgrades; a new decorative lighting system, replacement of existing span wire to mast-arm signalized intersections at Meridian Avenue and Euclid Avenue; landscape and irrigation upgrades; and updating signing and pavement markings.

City of Miami Beach, FL, Sea Level Rise Mitigation Projects. Project manager for this program in which CHA has spearheaded the effort to provide a suggested approach for evaluating the impacts of sea level rise and offering potential adaptation strategies for dealing with these impacts, including hard and soft infrastructure options, flood-risk management and coastal protection, and transportation planning. In addition to evaluation and assessment, CHA has worked on the design of various construction projects that have served to improve climate change resiliency and reduced the impacts of sea level rise in communities throughout the City of Miami Beach. These projects comprise stormwater systems, conveyance pipes, inlets, drainage wells, stormwater pump stations, sea walls, water quality analyses, and environmental/habitat protection projects.

M-D DTPW, Miami-Dade County, FL, Miami Intermodal Center Stormwater Pump Station Phases 1 & 2. Electrical engineer for a new stormwater pump station was installed at the southeast corner of the intersection between NW 25th Street and NW 39th Avenue. The proposed drainage system consisted of installing a new stormwater pump station (10,000 gpm) that discharges into a 60-inch outfall pipe at the intersection of NW 39th Avenue/NW 25th Street.

City of Ocoee, FL, WWTP Reclaimed Water Storage Tank and Pump Station. Senior project engineer for a new reclaimed water storage tank to store reclaimed water received from Orange County Utilities (OCU). A new pipeline was designed to connect the new storage tank to the OCU interconnect point. Additionally, a new VFD-controlled pump station was designed east of reject storage tank #2 to direct water from the new tank to the existing reclaimed water distribution system. Finally, valves and piping were included to allow the movement of reclaimed water from an existing 10-inch effluent discharge line to the new reclaimed water storage tank.

Firm
CHA Consulting, Inc.

Years of Experience
39 Total | 25 with CHA

Availability for the Project
45%

Education
IPSJAE, Havana, Cuba, B.S., Civil Engineering

University of Madrid, Spain, Hydrology Course

Registration and Certifications
Professional Engineer - FL

Memberships and Affiliations
Project Management Institute

Cuban American Association of Civil Engineers

Florida Engineering Society

Alejandro León, PE

Lead Roadway Engineer



Alex has 19 years of experience designing highway facilities for several agencies, including FDOT, MDX, the City of Doral, Miami, Miami-Dade County, and Broward MPO. Projects include major interchange reconstruction, lighting-only projects, roadway reconstruction, RRR projects, bicycle/pedestrian mobility ADA compliance projects, and civil site projects. He also specializes in MOT plans, having completed the Advanced MOT course approved by FDOT. Alejandro has several years of experience in MOT design, including significant interchange reconstructions. He has experience in projects with the conventional design-bid-build procurement process and design-build procurement process. Representative project experience includes:

City of Miami Beach, FL, Design-Build Services for 11th Street Roadway Reconstruction (East Alton Road to West of Washington Avenue). Project engineer for the reconstruction of the roadway which was raised two feet on average, and included the harmonization of each property owner along the corridor. Throughout this project, CHA coordinated directly with the city and all stakeholders, resulting in a superb design. This project eliminated flooding in the area and improved the lives of the residents. This project resulted from the impacts of sea level rise along 11th Street. Faced with the infamous "King Tide" and "sunny-day flooding," the city embarked on a strategic plan to raise the roads well above flooding levels and to upgrade/install pump stations throughout the city.

FDOT District 4, FL, Prospect Road (SR 870/Commercial Boulevard to SR 811/North Dixie Highway). Senior project engineer for this off-system Broward County MPO mobility project to add bicycle lanes using minor widening and lane elimination or "road diets." The proposed improvements included milling and resurfacing, bicycle lanes, drainage improvements, ADA-compliant sidewalks, upgrading signage and pavement markings, retrofitting lighting at a signalized intersection, relocating trees, and modifying signals within the limits of the project. This project required approval from Broward County for lane elimination from six-lane to four-lane from Powerline Road to South Dixie Highway. The project requires extensive coordination with Broward County, the City of Oakland Park, Broward County MPO, and stakeholders.

City of Miami, FL, Miami River Greenway to Curtis Park East (NW North River Drive from NW 24th Avenue to NW 22nd Avenue). Project engineer for this Local Agency Program (LAP) project managed by FDOT District 6. This project's primary goals include improving the existing roadway: reconstruction and realignment of NW North River Drive and installing a greenway path on the south side of NW North River Drive. The scope also includes reconstructing NW 24th Avenue, sidewalk, and greenway construction, including reconstruction of existing sidewalks and the Miami Riverwalk Path as part of the Miami River Greenway. Alejandro is providing design, coordinating with the locals, and environmental permitting.

FDOT District 6, Miami, FL, SR 90/SW 8 Street (East of SW 42 Avenue/LeJeune Road to West of NW 27 Avenue). Senior project engineer for this RRR project along SR 90/SW 8th Street. The main goal of this RRR project was to preserve and extend the life of the roadway by milling and resurfacing the existing flexible asphalt pavement and enhancing general highway safety and operational characteristic of the roadway. Improvements included milling and resurfacing; upgrading ADA curb ramps, pedestrian traffic signals, detectors, and signs; upgrading signing and pavement markings; and developing Tree Disposition Plans to assess existing trees to be trimmed, removed, or relocated to clear sight distance safety issues. This project required extensive coordination with the FDOT Environmental Office since the corridor is a state historical highway with multiple cultural and historical sites.

Firm
CHA Consulting, Inc.

Years of Experience
19 Total | 14 with CHA

Availability for the Project
45%

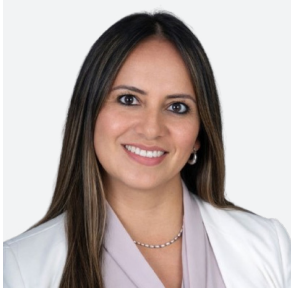
Education
Florida International University, FL, M.S., Engineering Management

University of Florida, FL, B.S., Civil Engineering

Registration and Certifications
Professional Engineer - FL

Angela Barón-Ruiz, PE, ENV SP

Climate Change & Resiliency Lead/Drainage Analysis & Modeling Lead/Stormwater Management



Angela has over 18 years of experience in civil engineering and project/program management. She is experienced in analyzing and designing grading and drainage systems for residential, municipal, and commercial projects, as well as stormwater management systems for major ROW and highway improvements using FDOT, county, and municipal standards. She is proficient in the hydraulic modeling of stormwater management systems using HEC-RAS, ICPR, HY-8, ASAD, and BMPTrains, and is skilled in the application of ArcGIS for watershed analysis and the design of drainage systems. Angela is also experienced in procuring permits and permit close-outs from municipalities, local counties, FDOT, SFWMD, and state and federal agencies. She is also a Certified Envision Sustainability Professional (ENV SP) from the Institute of Sustainable Infrastructure. Representative project experience includes:

City of Miami Beach, FL, Stormwater Pump Station at Miami Beach Convention Center. Senior project engineer for this design-build neighborhood improvements project. The scope encompassed an area of approximately 84 acres. The improvements included the installation of 2 pump stations consisting of four 20,000 gpm low-head axial pumps, water quality treatment structures discharging treated runoff directly into a duplex wet well, a long energy dissipater structure, and approximately 175 feet of new seawall following the most updated City of Miami Beach Public Works standards. This project considered the effects of sea level rise and ensured that this facility would function properly for the estimated design life of the project.

City of Miami Beach, FL, 11th Street Reconstruction from East of Alton Road to Euclid Avenue. Senior project engineer that assisted the City of Miami Beach in raising streets to protect the city from the impending sea level rise. To fight the effects of sea level rise, the roadway profile of 11th Street was raised two feet, which involved impacts to the existing drainage system and adjacent properties. This project consisted of the installation of a new drainage system along the corridor while harmonizing and providing flood protection to the adjacent properties.

City of Miami Beach, FL, Sea Level Rise Mitigation Projects. Senior project engineer for this program in which CHA has spearheaded the effort to provide a suggested approach for evaluating the impacts of sea level rise and offering potential adaptation strategies for dealing with these impacts, including hard and soft infrastructure options, flood-risk management and coastal protection, and transportation planning. In addition to evaluation and assessment, CHA has worked on the design of various construction projects that have served to improve climate change resiliency and reduced the impacts of sea level rise in communities throughout the City of Miami Beach. These projects comprise stormwater systems, conveyance pipes, inlets, drainage wells, stormwater pump stations, sea walls, water quality analyses, and environmental/habitat protection projects.

M-D DTPW, Miami, FL, The Underline, Phase II. Senior drainage engineer responsible for improvements associated with Phase II of the Underline, which extends for approximately 2.14 miles (SW 13th Street to SW 19th Avenue). The project includes bicycle and pedestrian facilities, landscaping, street furniture, lighting, wayfinding, signage and pavement markings, and amenities such as gathering spaces for events, recreational areas, gardens, and dog parks, etc. The drainage system will provide the level of service for the 5-year storm event with a 24-hour duration. Stormwater improvements consist of catch basins placed in the green areas, interconnected to a system of pipes ranging from 15-inch to 24-inch, which discharge into deep injection wells. All inlets will be at or above the county flood criteria.

Firm
CHA Consulting, Inc.

Years of Experience
18 Total | 12 with CHA

Availability for the Project
45%

Education
Florida International University, FL, B.S., Civil Engineering

Registration and Certifications
Professional Engineer - FL

Envision Sustainability Professional

Memberships and Affiliations
American Society of Civil Engineers

Florida Engineering Society

Francisco Vasquez, MS, PE



Drainage Analysis & Modeling/Stormwater Management

Francisco has over 17 years of experience in civil engineering. He is experienced in drainage design, hydraulic modeling, and stormwater management. He has been instrumental in numerous high-profile projects, conducting critical tests and analyses. His proficiency in hydraulic modeling tools like ICPR and FLO-2D has been demonstrated in projects for Miami-Dade County, the South Florida Water Management District, and the City of Scottsdale. His work involved complex hydrological and hydraulic studies, flood control analysis, and the development of master plans. Francisco is strongly committed to sustainable engineering practices and continues to contribute his expertise to the industry. Representative project experience includes:

City of Haines City, FL, Lake Eva Recharge Feasibility Study. Project engineer for the study to select potential RIB sites that will recharge the Floridan Aquifer and assist in raising the water level in Lake Eva. The project is co-funded by the Southwest Florida Water Management District (SWFWMD). The project was performed in two phases, and upon completion of both phases, the study identified potential RIB sites, estimated the benefits to the water levels in Lake Eva MFL for each site, established water quality requirements for the reclaimed water, determined the required treatment and reclaimed water distribution system modifications and associated costs, and ranked and recommended candidate sites for construction of the RIB system.

FDOT District 6, SR 25/Okeechobee Road Roadway Reconstruction (East of NW 116th Way to East of NW 87th Avenue). Project engineer assisting with the design and reconstruction of SR 25/Okeechobee Road (east of NW 116th Way, including flyovers from NB/SB NW 87th Avenue to WB/EB Okeechobee Road), and constructing NW 87th Avenue, Frontage Road, NW South River Drive, NW 103rd Street and NW 106th Street. Francisco was responsible for assisting with the drainage design of the southern portion of the project, hydraulic analysis for all canals, preparing bridge hydraulic reports and stormwater management reports, and permit coordination.

Miami-Dade County, FL, NW 25th Street from NW 117th Avenue to NW 87th Avenue*. Project engineer running the ICPR model and checking overflow points in the stormwater system for the final drainage design. Francisco's work ensured the efficiency and reliability of the stormwater management system.

South Florida Water Management District, Development of Detailed FLO-2D Models for Highly Urbanized Coastal Areas in Collier County*. Project engineer collecting existing storm drain infrastructure data, setting up input files, running the model, and analyzing results. Francisco also developed risk maps and presented results, assisting in the training of SFWMD staff in the use of FLO-2D.

City of Scottsdale, East Shea Corridor ADMS/P*. Project engineer collecting storm drain infrastructure data, setting up input files, running the model, and analyzing results. Francisco's work contributed to the successful completion of the project.

Ojeda City Hall (Lagunillas Municipality), Venezuela, Drainage Master Plan for Ojeda City*. Project engineer developing a master plan with multiple design teams. Francisco coordinated the survey team, carried out hydrologic and hydraulic calculations for 18 canals, and managed permits and final delivery of plans in AutoCAD.

Firm
CHA Consulting, Inc.

Years of Experience
17 Total | 2 with CHA

Availability for the Project
55%

Education
Universidad of the Andes, Venezuela, M.S. Hydraulic Resources Planning

Registration and Certifications
Professional Engineer - FL

***Projects Prior to CHA**

Cecilia Villoria, PE

Roadway/Traffic



Cecilia has over 32 years of design and project management experience and is fully conversed in all aspects of project management; scheduling; engineering design, including pavement marking, signage, signalization, drainage, maintenance of traffic (MOT), and specifications packages; preparation of project design reports; development of master plans; construction inspection services; feasibility studies; safety studies; bid preparation; and management of construction engineering inspection (CEI) staff. Cecilia oversees engineering design projects for municipalities, the Florida Department of Transportation (FDOT), Broward County Aviation Department, and Florida's Turnpike Enterprise (FTE). Her project experience ranges from minor roadway improvement projects to complex highway design. Representative project experience includes:

FDOT, District 4, FL, SR 824 Pembroke Road from E of SW 62nd Ave to SW 31st Avenue.* Project manager for this RRR project which included milling and resurfacing of SR 824 Pembroke Road from E of SW 62nd Ave to SW 31st Ave (FPID 448400-1), signing and pavement marking, signalization, lighting, survey, geotechnical, and landscape services. In addition, ADA upgrades and lighting retrofits at signalized intersections will be improved throughout the corridor.

FDOT District 4, FL, Washington Street and 72nd Avenue Mobility Improvements.* Deputy project manager responsible for the project management, coordination with Design Team, and preparation of construction documents. This project included the addition of bicycle lanes and pedestrian improvements to Washington Street and 72 Avenue (FPID 431770-1). Provided full services to the Client including roadway, drainage, signing, and pavement marking, ADA compliance, landscape design, survey, subsurface utility engineering, utility coordination, geotechnical engineering, and public involvement. This is a Broward County Metropolitan Planning Organization (MPO) funded project while FDOT District 4 is the client and project facilitator. The team's experience coordinating with multiple agencies and stakeholders were key factors in the successful completion of this community project.

City of Pompano Beach, FL, SR A1A Streetscape Improvements.* Project manager responsible for the project management, coordination with Design Team, and preparation of construction documents. This project included streetscape improvements along SR A1A from Sunset Lane to the Hillsboro Inlet. Services provided to the City of Pompano Beach included survey/ SUE, civil and transportation engineering, landscape architecture, and construction management. Assisted the city during project coordination as it was determined that FDOT has a resurfacing project overlapping the city's planned project. Coordinated with FDOT to have the funds transferred to the city increasing the construction budget for this priority project for the community.

FDOT District 4, Boca Raton, FL, I-95/SR 91 and Palmetto Park Road Interchange (FPID 433109-7)*. TTCP EOR responsible for developing TTCP plans for this major gateway into Boca Raton. Improvements preserved mature native vegetation and incorporated drought-tolerant palms and Florida native species to create a cohesive, environmentally sensitive landscape design.

Firm
CHA Consulting, Inc.

Years of Experience
33 Total | 2 with CHA

Availability for the Project
50%

Education
Florida International University, FL, B.S., Civil Engineering

University of South Florida, FL, B.S., Biology

Registration and Certifications
Professional Engineer - FL

FDOT Advanced Maintenance of Traffic

Memberships and Affiliations
Florida Engineering Leadership Institute, Class of 2024

American Society of Highway Engineers, South Florida Secretary

Florida Engineering Society, Member

WTS International, Member

***Projects Prior to CHA**

Julian Gomez, PE



Utility Coordination/Relocation Lead

Julian has over 10 years of experience in designing and modeling pipelines and pump stations, from sanitary sewer collection systems to water distribution systems. He has been involved in the design of major water and sewer systems for several municipalities. These systems include large-diameter water and force mains, gravity sewers, and pump stations. Julian has experience in modeling and analyzing hydraulic transients and steady-state conditions in pipeline and pump stations and can produce 3D models and renderings of these systems. Representative project experience includes:

City of Miami Beach, FL, Stormwater Pump Station at Miami Beach Convention Center. Project engineer for this design-build neighborhood improvements project. The scope encompassed an area of approximately 84 acres. The improvements included the installation of 2 pump stations consisting of four 20,000 gpm low-head axial pumps, water quality treatment structures discharging treated runoff directly into a duplex wet well, a long energy dissipater structure, and approximately 175 feet of new seawall following the most updated City of Miami Beach Public Works standards. This project considered the effects of sea level rise and ensured that this facility would function properly for the estimated design life of the project.

City of Miami Beach, FL, Design-Build Services for 11th Street Roadway Reconstruction (East Alton Road to West of Washington Avenue). Project engineer for this project that included the reconstruction of the roadway, which was raised two feet on average, and included the harmonization of each property owner along the corridor. Throughout this project, CHA coordinated directly with the city and all stakeholders, resulting in a superb design. This project eliminated flooding in the area and improved the lives of the residents. This project resulted from the impacts of sea level rise along 11th Street. Faced with the infamous "King Tide" and "sunny-day flooding," the city embarked on a strategic plan to raise the roads well above flooding levels and to upgrade/install pump stations throughout the city.

M-D WASD, Miami-Dade County, FL, Upgrade of Pump Station 0300. Project engineer for rehabilitation and upgrade of this critical booster facility following a catastrophic flooding event. Work included a BODR and design upgrades for five 600-HP pumps operating from 7,000 to 31,000 gpm, supported by hydraulic, mechanical, electrical, structural, and architectural analyses.

City of Ocoee, FL, WWTP Reclaimed Water Storage Tank and Pump Station. Project engineer for a new reclaimed water storage tank to store reclaimed water received from Orange County Utilities (OCU). A new pipeline was designed to connect the new storage tank to the OCU interconnect point. Additionally, a new VFD-controlled pump station was designed east of reject storage tank #2 to direct water from the new tank to the existing reclaimed water distribution system. Finally, valves and piping were included to allow the movement of reclaimed water from an existing 10-inch effluent discharge line to the new reclaimed water storage tank.

City of Fort Lauderdale, FL, Pump Station A-24 Upgrade. Project engineer for this project that included the design of a triplex submersible pump station with a 12-foot-diameter wet well, a 10-foot by 8-foot valve vault, and a rated point of 2,070 gpm at 121 feet TDH with three 56-HP pumps. This station included the design of a 150-kW generator with a 900-gallon sub-base tank and an odor control system. Additionally, the project included the design of 60 feet of 18-inch PVC gravity sewer, a flow meter, and 800 feet of 18-inch HDPE force main.

Firm
CHA Consulting, Inc.

Years of Experience
10 Total | 10 with CHA

Availability for the Project
50%

Education
Oral Roberts University, OK,
B.S., Mechanical Engineering

Registration and Certifications
Professional Engineer - FL

Emily Williamson, PE



Utility Coordination/Relocation

Emily has over 10 years of experience with construction engineering and inspection (CEI), construction coordination, infrastructure management, capital projects, infiltration and inflow, distribution/collection system management, and distribution/collection systems. Representative project experience includes:

City of Vero Beach, FL, Stormwater Augmentation Program. Project engineer for a multi-phase stormwater reuse program for the City of Vero Beach, delivering a 3.0 MGD intake pump station and 3,600 feet of subaqueous 18-inch HDPE stormwater pipeline beneath the Indian River Lagoon. CHA led the design, permitting, and phased construction while coordinating with FDEP, USACE, FWC, SFWMD, and local stakeholders. CHA managed complex crossings of a federal navigable waterway, railroads, and FDOT ROWs using the Intersect Method to minimize environmental impacts. Optimized project costs by reusing existing infrastructure and secured grant funding covering 35% of eligible costs. The project reduces nitrogen loading to the Indian River Lagoon by approximately 17,000 pounds annually and provides a sustainable non-potable irrigation supply.

City of Clearwater, FL, Water and Reclaimed Water Program Management. Project engineer for a system-wide potable and reclaimed water main assessment and replacement program that included conceptual routing, design, permitting, and construction support for pipeline improvements in highly congested ROWs, as well as replacement/relocation of other stormwater and wastewater utilities for consolidated utility replacements to reduce costs associated with restoration and to minimize impacts to citizens. This program also included a variety of additional tasks and support to the city, including environmental assessment and ERP permitting, condition assessment of pipeline, ground storage tank evaluations, hydraulic modeling, water quality assessments, full-time RPR services, lead and copper rule regulatory compliance support, and other various as-needed services.

City of Clearwater, FL, Reclaimed Master Plan. Project engineer for this master plan that considered the full build-out of the reclaimed water system up to 10.0 MGD and 420 miles of piping, where the first two of six phases could be incorporated with limited modifications to the existing system. Phases three and beyond required the incorporation of a new pump station, additional storage, and improvements to existing pump stations to accommodate the added demands. CHA recommended the city consider beginning early phases to add new connections to nearby existing infrastructure to increase reclaimed water use and decrease surface water discharge to support efforts to meet regulatory requirements.

City of Clearwater, FL, Reclaimed Water Quality. Project manager for evaluation of reclaimed water quality issues, including distribution system sampling and assessment of elevated chloride and iron levels. Recommendations included GST cleaning and additional WRF maintenance to reduce iron buildup. complete further maintenance activities to reduce iron in the WRF.

Firm
CHA Consulting, Inc.

Years of Experience
10 Total | 9 with CHA

Availability for the Project
50%

Education
University of Florida, FL, B.S.E., Civil Engineering

Registration and Certifications
Professional Engineer - FL

Memberships and Affiliations
American Water Works Association

Levi Boyle, PE

Constructability Review Lead/Lead CEI Specialist



Levi has over 14 years of experience as a CEI contractor and designer on major civil engineering projects. Levi worked at the FDOT District 6 South Miami-Dade and Monroe Residency (Operation Center) for over three years. He recently served at FDOT District 1 as the Project Administrator/Senior Project Engineer on the US 27 milling, resurfacing, and cross-scope correction project from the Hendry County Line to old US 27 and served FDOT District 6 as a Project Administrator for the milling and resurfacing, overbuild, signal upgrades, and signing and pavement markings along SR 916 from I-95 to SR 5/Biscayne Boulevard. Prior to this assignment, he served as an SPE/PA on a variety of different projects in the urban and rural areas of Miami-Dade and Monroe counties. Levi attended Florida Gulf Coast University, graduated from Florida International University, and is a graduate of the FDOT Construction Academy. Representative project experience includes:

City of Miami Beach, FL, CEI Services for West Avenue Roadway, Drainage, and Lighting Reconstruction. CEI project manager for this project that includes various improvements aimed at enhancing the area's infrastructure. One of the key improvements is the replacement of the current water distribution systems with 20- and 12-inch DIP, as well as the replacement of fire hydrants and water meters along the corridor. The project also involves upgrading the gravity sanitary sewer system, which includes installing 50 manholes and 200 lateral connections among the side streets. In addition, the project also includes the installation of a new stormwater drainage collection and pumping system with a diameter ranging from 18- to 96-inch RCP, which includes six 20,000 gpm electrical axial pumps with two 50cfs treatment structures. Also, the project consists of the raising of paved roads by approximately 69,081 square yards, paver harmonization with adjacent properties, new street and pedestrian lighting (150 new light poles), the replacement of existing and new signalization, new irrigation and landscaping, and the construction of a new 250-foot bay-walk.

FDOT District 6, Miami-Dade and Monroe Counties, FL, South Miami-Dade and Monroe Residency T6465 Resurfacing Project on US 1 (Riviera Drive to SW 27th Avenue). Senior project engineer, project administrator, and contract support specialist responsible for this RRR project on US 1. The scope of work on this 6-lane divided principal arterial included milling and resurfacing 5,800 tons of asphalt at variable depths, installation of French drain and new drainage structures, signal improvements at six intersections (including retrofitting existing intersections with video detection), and lighting improvements throughout the project corridor. Levi's primary duties included reviewing plans and plan revisions, resolving field issues, performing MOT and safety reviews, overseeing day-to-day activities, processing monthly estimates, reviewing requests for information (RFIs) and shop drawings, tracking all materials incorporated in the project in MAC, reviewing and approving the contractor's quality control plan, issuing weather letters, maintaining the CPPR, running progress meetings, monitoring UWS activities, and preparation of final estimates package. He also worked extensively with the community outreach specialist in coordination with the Miami-Dade County Commissioners Office, the City of Coral Gables Mayor and the City of Miami.

FDOT District 6, Disctrictwide, FL, Districtwide Traffic Operations Push-Button Contract. Project administrator for this districtwide push-button contract used to address a broad scope of work throughout Miami-Dade and Monroe counties. Levi successfully managed 12 TWOs under this contract, ranging from $4,000 to $150,000. Levi was responsible for reviewing the plans and providing comments to the engineer-of-record and the Traffic Operations Office, and coordinated closely with the community outreach specialist and the public.

Firm
CHA Consulting, Inc.

Years of Experience
14 Total | 6 with CHA

Availability for the Project
45%

Education
Florida International University, FL, B.S., Civil Engineering,

Registration and Certifications
Professional Engineer - FL
Asphalt Paving Level I & II
Earthwork Level I & II
Final Estimates
Quality Control Manager
FDOT Advanced MOT
Drilled Shaft
Concrete Field Inspector

Lindsay Rose

Environmental Lead



Lindsay is an experienced environmental scientist with over 11 years of expertise in document control and environmental site assessments. She has recently played a key role in projects such as the Wolf Creek Amphitheater Phase I Environmental Site Assessment and the NextEra Energy Resources Wetland and Habitat Assessment. Lindsay specializes in collecting, organizing, and managing critical environmental data to ensure compliance with regulatory standards. Her work supports clients in making informed decisions regarding land use, liability protections, and ecological impacts. With a keen eye for detail and a commitment to regulatory compliance, Lindsay ensures seamless documentation and environmental due diligence for every project. Representative project experience includes:

NextEra Energy Resources, Juno Beach, FL, Wetland and Habitat Assessment. Scientist for a wetland delineation and habitat assessment for the client's potential land acquisition. Lindsay assisted with the fieldwork to obtain data needed to determine the property's wetland boundaries. This preliminary wetland and habitat assessment informed the client of any wetland or endangered species habitats that will be impacted in their future construction efforts, allowing the client to decide whether to continue the acquisition.

City of South Fulton, GA, Wolf Creek Amphitheater Phase I Environmental Site Assessment (ESA). Scientist for this Phase I ESA, which was conducted to qualify the client for limited liability protections under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). By adhering to the requirements outlined in ASTM 1527-21 and All Appropriate Inquiry (AAI) as defined in CERCLA (42 USC § 9601(35)(B) and 40 CFR Part 312), Lindsay collected data from various state and federal agencies. The resulting Phase I ESA Report, combined with on-site investigations, the client was able to satisfy the regulations.

City of North Port, FL, Environmental Review Record. Scientist responsible for the NEPA documentation required to install nine new lift station bypass pumps. Lindsay conducted the nine site investigations per regulations for environmental concerns, including mapping soils, floodplains, air quality, historical preservation impacts, FDEP cleanup sites and more. Through investigation, it was determined that one lift station bypass pump would fall into a floodplain, requiring an eight-step floodplain analysis. CHA's assistance in the NEPA application and documentation helps secure funding for expanding the nine lift stations to serve the community's water needs better.

City of Melbourne, FL, Western Force Main. Scientist for an environmental assessment searching for potential gopher tortoise habitats along the proposed construction route of a force main. CHA determined the location of a potential gopher tortoise habitat, allowing future contractors to take proper measures through state regulations to verify no impacts on the endangered tortoise.

City of Ocoee, FL, Reclaimed Water Pump Station and Tank. Scientist responsible for conducting a site investigation to assess environmental concerns before beginning construction of a new reclaimed water pump station and storage tank. No environmental impacts were found at the client's proposed location.

Firm
CHA Consulting, Inc.

Years of Experience
11 Total | 11 with CHA

Availability for the Project
55%

Education
University of Central Florida, FL, B.S., Environmental Studies

Registration and Certifications
EPA Asbestos Building Inspector

Authorized Gopher Tortoise Agent (Capture, Hold, Handle, Release)

Hannah Kapalo, EI, ENV SP

Permitting Lead



Hannah has over four years of experience in the environmental engineering field, working primarily on the hydraulic modeling of reclaimed and potable water systems. Representative project experience includes:

City of Clearwater, FL, Water and Reclaimed Water Program Management. Project engineer for the system-wide potable and reclaimed water main assessment and replacement program. This program includes the conceptual routing, design, permitting, and construction services for pipeline improvements and assessing replacement methods to minimize service and critical roadways impacts. This program additionally includes condition assessment, hydraulic modeling, and RPR services.

City of Clearwater, FL, Reclaimed Master Plan. Project engineer for this master plan that considered the full build out of the reclaimed water system up to 10.0 MGD and 420 miles of piping where the first two of six phases could be incorporated with limited modifications to the existing system. Phases three and beyond required the incorporation of a new pump station, additional storage, and improvements to existing pump stations to accommodate the added demands. CHA recommended the city consider beginning early phases to add new connections to nearby existing infrastructure to increase reclaimed water use and decrease surface water discharge to support efforts to meet regulatory requirements.

City of Haines City, FL, Integrated Water Supply Plan (IWSP). Project engineer for this project that is being performed in parallel with the city's resilient potable water master plan. The IWSP dominates strategic level choices on types of raw water sources to be used for potable water supply, and contributions that stormwater and reclaimed water can make to assure the most cost-effective overall approach to the provision of potable and non-potable water utility services. The IWSP develops the city's approach to a holistic water supply management and resource stewardship. It aligns the city's programs and policies under a shared vision that minimizes conflict of objectives between different branches of utilities and public works services, such as water, wastewater, stormwater, and reclaimed water, which are commonly developed in isolation from each other. CHA is performing an inventory of existing reclaimed water infrastructure, a review of the existing reclaimed water system hydraulic model, reviewing existing and future regulatory requirements, reclaimed water demand projection, limited groundwater modeling, limited review and update of the existing hydraulic model, reclaimed water system hydraulic modeling, selection of preferred potable, reclaimed, and stormwater facility combinations, and alternatives and recommended improvements to the water system.

City of Clearwater, FL, Water Distribution System Improvements, Task 12. Project engineer for this project that consisted of the preliminary and final design, permitting, bidding, and RPR services for 690 feet of aerial crossing replacements ranging in sizes of 6 to 8 inches, 9,470 feet of pipe replacements ranging in sizes of 4 to 12 inches, 2,930 feet of pipe relocations ranging in sizes of 6 to 20 inches, 9,690 feet of pipe upsizing from 4 to 12 inches, 440 feet of new water mains to loop system, and 240 service line only replacements. This project included construction in particularly challenging areas, including high-profile residential streets, congested rights-of-way (ROWs) with multiple other utilities, and relocating mains from private property to city ROW.

Firm
CHA Consulting, Inc.

Years of Experience
4 Total | 1 with CHA

Availability for the Project
55%

Education
University of Central Florida, FL, B.S., Environmental Engineering

Registration and Certifications
Engineering Intern - FL

Envision Sustainability Professional

Memberships and Affiliations
Water Environment Federation

C) PROPOSED SUBCONSULTANTS

SUBCONSULTANTS		
FIRM	**ROLE**	**FIRM OVERVIEW**
ECHO UTILITY ENGINEERING & SURVEY **ECHO UES, Inc.** **Individuals to be Assigned:** Jerry Comellas, PE	Subsurface Utility Engineering (SUE)	ECHO is a minority-owned small business founded by a group of partners with civil engineering, surveying, construction, and utility/GIS background, who believe in providing high-quality and reliable utility and survey data to design better, build faster, and safely enhance engineering, design, construction and maintenance of infrastructure. ECHO was founded in 2017 to provide subsurface utility engineering (SUE) and survey and mapping professional services throughout Florida for a variety of projects, assisting owners, engineers and constructors in better performing throughout the entire project cycle, from design to construction and maintenance of infrastructure. In 2021, ECHO also began offering utility coordination services to firms throughout the state to fully round out its service offerings.
Hyatt SURVEY **Hyatt Survey Services, Inc.** **Status:** WBE **Individuals to be Assigned:** Russell Hyatt, PSM	Survey	Hyatt Survey Services, Inc. is a certified woman-owned surveying and mapping firm with more than 22 years of experience providing professional services throughout Florida. Certified as a WBE with the State of Florida and a DBE with the Florida Department of Transportation (FDOT), the firm offers a comprehensive range of services, including boundary, topographic, right-of-way (ROW), geodetic, construction, and hydrographic surveying. Headquartered in Manatee County, Hyatt Survey Services has convenient access to Southwest Florida and serves municipal, commercial, and private sector clients statewide. The firm's client portfolio includes the US Army Corps of Engineers (USACE), FDOT, the South Florida Water Management District (SFWMD), and numerous counties and cities across the region.
TIERRA GEOTECHNICAL • MATERIALS ENVIRONMENTAL • ENGINEERING **Tierra, Inc.** **Individuals to be Assigned:** Marc Novak, PhD, PE	Geotechnical Engineering	Tierra is a full-service consulting geotechnical, environmental, and construction materials testing engineering firm with capabilities to provide test borings, install piezometers and monitoring wells, engineering analyses and reports, AutoCAD and Microstation plan sheets, laboratory soils testing, and construction materials testing. Tierra was formed as a geotechnical engineering, contamination assessment, and materials engineering firm with the intent of building upon the many years of combined experience of our founding principals. Tierra is committed to providing quality, responsive service establishing a reputation for sound approaches and professional competence in a wide range of technically demanding areas.
valerin Create • Communicate • Connect **The Valerin Group, Inc.** **Status:** WBE **Individuals to be Assigned:** Valerie Ciudad-Real Shannon Estep	Public Outreach	The Valerin Group, Inc., (Valerin), a full-service communications firm and certified Women-owned Business Enterprise (WBE) in the State of Florida, specializes in public involvement, community engagement, marketing, graphic design, website and mobile app development, visualizations, multimedia, video productions, aerial drone imagery, and bilingual translation services. Valerin's talented staff of communications and creative professionals have more than 425 years of combined relevant experience and have worked on over 600 public utility and transportation-related projects for public sector clients, including state agencies, municipalities, and counties.

C) PROPOSED SUBCONSULTANTS (CONTINUED)

SUBCONSULTANTS		
FIRM	**ROLE**	**FIRM OVERVIEW**
DPS CORP. Diversified Professional Services Corp. **Diversified Professional Services Corp (DPS Corp)** **Status:** WBE **Individuals to be Assigned:** Sandy Polanis	Geotechnical Field Support	DPS Corp is a trusted provider of business management, construction management, and environmental consulting services, delivering reliable solutions for both public and private sector clients. The firm specializes in Level I contamination screening evaluations, environmental and geotechnical drilling support, stormwater system inspections and corrective actions, and comprehensive construction and contract management. With extensive experience managing large land parcels and multi-mile corridor evaluations, DPS Corp brings expertise in property management and land acquisition processes to each project. Under the leadership of its President, Sandra "Sandy" Polanis, the firm emphasizes meticulous planning, technical oversight, and quality assurance for all assessment and construction projects. DPS Corp is also dedicated to developing its team of professionals through mentorship and strong operational standards, ensuring excellence across every phase of its work.
ANGIEBREWER.COM keeping your funds flowing! **Angie Brewer & Associates, LC** **Status:** WBE **Individuals to be Assigned:** Mark Brewer	Grant/Funding Assistance	Established in 1988, Angie Brewer & Associates, LC (ABA) has over 36 years of experience helping local governments in Florida and nationwide secure funding for community capital projects, with involvement in over $13 billion in project funding. With more than 100 years of collective experience, the team offers comprehensive funding-related services, including planning, needs assessments, grant and loan applications, environmental reviews, and compliance monitoring. The ABA team is recognized by state and federal agencies as funding experts and has successfully served over 70 government clients, completing hundreds of projects with no audit findings. ABA's strong relationships with funding agencies, commitment to technology, and proven track record make the firm a trusted partner for securing and managing critical project funding.
DARK MOSS **Dark Moss, LLC** **Status:** MBE **Individuals to be Assigned:** Ricky Peterika, RLA Caleb King, RLA	Landscape Architecture	Landscape architecture and arborist services play a key role in creating safe, accessible, and sustainable transportation infrastructure that integrates seamlessly with its surroundings and enhances the public realm. Dark Moss' approach prioritizes safety, climate resilience, and multi-modal transportation while protecting existing trees and specifying appropriate plantings. With deep experience across West Florida, including Pinellas, Hillsborough, Tampa, Zephyrhills, and Palmetto, Dark Moss applies Florida-friendly landscaping design principles and emphasizes factors beyond plant selection, such as biodiversity, wildlife habitat, maintenance planning, and stakeholder collaboration. Dark Moss' founder's extensive local expertise ensures that projects contribute to a resilient and vibrant Tampa Bay region.

ECHO
UTILITY ENGINEERING & SURVEY



Jeraldo Comellas, Jr., PE
President

Contract Role: SUE Lead

Years of Experience: 40

Education
- B.S., Civil Engineering, University of South Florida, 1986
- A.A., Engineering, Hillsborough Community College, 1982

Professional Registrations
- Professional Engineer (PE) – Florida - #45838
- Professional Engineer (PE) – Mississippi - #27049
- Professional Engineer (PE) – Louisiana - #41310

Professional Affiliations
- Florida Engineering Society
- American Society of Civil Engineers
- American Society of Highway Engineers
- Society of Hispanic Professional Engineers

Summary of Experience

Mr. Comellas is President of ECHO UES Inc. (ECHO) and serves as the leader of the business with primary control of the company's staff, assets, and financial resources. He has 40 years of civil engineering and survey experience and orchestrates the hiring of leadership and expansion of the business as well as risk management.

Mr. Comellas is highly experienced in managing multi-service projects, ensuring clients' needs and deadlines are met. Mr. Comellas founded ECHO as President and, with a few strategic partners, established three offices located in Tampa, Oviedo, and Gainesville. He has played an instrumental role in launching and growing ECHO's footprint for subsurface utility engineering and surveying services in the transportation design and design-build project industry. Mr. Comellas' knowledge and experience obtained during his nearly 20 years with the Florida Department of Transportation (FDOT D1 & D7) and his 20 years in the private consultant engineering sector has contributed to his past success serving various clients in managing subsurface utility engineering and utility coordination contracts.

Mr. Comellas will serve as SUE Lead on this contract. In this role, he will support the Engineer of Record, as needed, with scope and estimate development, the financial oversight of the projects in addition to ensuring adequate equipment and staff are available to meet scheduled tasks.

Significant Projects

9th Ave NW from 75th St NW to 99th St NW Improvements, Manatee County, FL: This project consisted of reconstruction of the west end of the 9th Avenue NW roadway from 75th Street NW to 99th Street NW, including construction of standard vehicle lane widths, multi-use trail, sidewalks, landscaping, crosswalks, curb, medians, signage and striping, street lighting, piped drainage systems, stormwater ponds, wetland mitigation areas and floodplain conservation areas. The scope included completing missing sidewalk links on 9th Ave NW from 75th St NW to 71st St NW. ECHO's professional services were requested to provide subsurface utility engineering for the location of existing underground utilities. Mr. Comellas served as SUE Lead.

Progress Village Regional Drainage Improvements Design Build, Hillsborough County, FL: This design build project consisted of drainage improvements in the Progress Village area with the goals of reducing the extent of flooding and providing a water quality benefit to the immediate watershed. Both goals were accomplished through the incorporation of local drainage improvements inclusive of drainage/conveyance improvements, additional ponds, and a new outfall into Archie Creek. ECHO provided subsurface utility engineering and utility coordination services. Mr. Comellas served as SUE Lead.

Lower Peninsula Stormwater Improvement Design Build, Tampa, FL: The Lower Peninsula Stormwater Improvements Design-Build Project consisted of design and construction improvements to meet the City's primary objective of alleviating flooding in the Southeast (SE) region of the City's Lower Peninsula, near MacDill Air Force Base (AFB). The project was located entirely within the City of Tampa that provided roughly 11,000 linear feet of stormwater conveyance with a primary corridor that started at Hillsborough Bay crossing Bayshore Blvd. The following streets received improvements: West Averill Avenue, Himes Avenue, 6th Street, West Bay Avenue, South Sheridan Road, and West Iowa Rd. ECHO was requested to provide SUE services early on during the design process to understand the site constraints, validate information collected over the course of the project, and to help resolve utility issues that may arise during the design and construction. Mr. Comellas served as SUE Lead.

Grow, Inspire, Make a Difference



Russell Hyatt, PSM

Vice President

Hyatt Survey *Services, Inc.*

Years of Experience: 36

Education:

Bachelor of Science, Survey and Mapping, University of Florida, 1990

Distinguishing Attributes:

- Mr. Hyatt has 36 years of professional surveying and mapping experience relating to transportation planning, construction, and engineering.

Certifications/Registrations:

- Professional Surveyor and Mappers, State of Florida, #5303

Affiliations:

- Florida Surveying and Mapping Society (Past President)
- Manasota Chapter of the Florida Surveying and Mapping Society
- The Hydrographic Society of America
- The National Society of Professional Surveyors - Florida Representative
- The American Shore & Beach Preservation Association
- Florida Engineering Society
- Society of Military Engineers
- MAPPS National Mapping Organization
- American Society of Civil Engineers
- National Society of Professional Surveyors
- American Society of Highway Engineers
- University of Florida School Forestry and Resource Conservation (Advisory Board)
- University of Florida Geomatics Advisory Board (Chairman)

EXPERTISE:

As Vice President of Hyatt Survey Services, Inc., Russell's duties include local, state, and federal contract administration and overall quality control. In addition to his administrative duties, Russell is also responsible for the production of boundary, hydrographic, and topographic surveys. He has over 36 years of surveying experience with a four-year degree in Surveying and Mapping. His project experience has included commercial/municipal development surveys, geodetic surveys, and beach/channel/port hydrographic surveys. Russell has extensive experience providing survey services to government agencies such as Pinellas, Hillsborough, Manatee, Sarasota, and Charlotte Counties, Florida Department of Transportation, Florida Department of Environmental Protection, and the U.S. Army Corps of Engineers-Jacksonville District, SFWMD.

MARC E. NOVAK, Ph.D., P.E.

Senior Geotechnical Engineer

TIERRA
GEOTECHNICAL • MATERIALS
ENVIRONMENTAL • ENGINEERING

Summary of Capabilities
Geotechnical Engineering
Pavement Engineering and Mechanics
Numerical Modeling of Pavements
Numerical Modeling of Soft Soil Embankments
Numerical Modeling of Soil-Structure Interaction

Years of Experience
With Tierra: 20 Years
With Other Firms: 1 Year

Education
Ph.D., Civil Engineering, University of Florida, 2007
M.S., Civil Engineering, University of Florida, 2000
B.S., Civil Engineering, University of Florida, 1999

Professional Organizations/Registrations/Awards
Florida Professional Engineer, No. 67431
American Society of Highway Engineers
Tau Beta Pi Engineering Honor Society
Chi Epsilon Civil Engineering Honor Society

Dr. Novak has 20 years of experience working in the field of geotechnical and materials engineering. Upon graduation in 1999, Mr. Novak pursued a M.S. degree in geotechnical engineering, studying the effects of lateral impact loads on bridges. Subsequent doctoral research specialized in Superpave asphalt pavement mechanics.

Dr. Novak was exposed to a wide variety of projects while conducting research at the University of Florida including soil-structure interaction, remediation of reclaimed mine soils, soft-soil embankment modeling, dam construction, laboratory testing and pavement engineering. Dr. Novak joined Tierra in January 2004 and routinely provides geotechnical recommendations on a variety of transportation projects throughout the Florida. His experience includes the design of temporary surcharge embankment over highly organic soils and waste phosphatic clays as well as drilled shaft design for major highways based on rock core testing and data reduction.

Additionally, Dr. Novak has developed Technical Special Provisions (TSP) for Temporary Surcharge Embankment (TSP 120), Settlement Monitoring (TSP 141), Vertical Wick Drains (TSP 442), Digital Slope Inclinometers (TSP 144) and Compaction Grouting (TSP 173).

Project Experience
36th Avenue East Drainage Improvements, Manatee County
Ron DeSantis Park Flood Mitigation, Manatee County
Bowless Creek Watershed Flood Mitigation, 17th Street East Reservoir Site, Manatee County
Ken Thompson Park Shoreline Protection, Sarasota County
Golf Creek and 13th Avenue Drainage Improvements, Pinellas County
Jungle Lake Northeast Basin Stormwater Drainage Improvements, Pinellas County
Blount Road Drainage Improvements, Hillsborough County
West Hills River Road Seawall Replacement, Citrus County
Reclaimed Water Pipeline and Storage Tank, City of Crystal River, Citrus County
Subaqueous Utility Crossing beneath Intracoastal Waterway adjacent to Tom Stuart Causeway, Pinellas County
Bee Ridge Water Reclamation Facility Phase 2 Expansion, Sarasota County
Lithia Water Treatment Plant Surface Depressions, Hillsborough County
Lake Carroll Stormwater Retrofit Improvements Phase 2, Hillsborough County
Bear Creek Channel Improvements Phase 2, Pinellas County
Wastewater Reclamation Facility Primary Clarifier Tanks 1 and 3, City of Largo, Pinellas County
McIntosh Park Integrated Water Management Plan Phase 2A, City of Plant City, Hillsborough County
Lake Placid Wastewater Treatment Facility Improvements, Highlands County
Legacy Trail Extension, Sarasota County
Florida Power and Light - Existing Conditions and Load Ratings of Bridges A&B, Sarasota County
Rye Road Function Improvements Pedestrian Bridges, Manatee County
Golf Course Road Bridge over Gamble Creek Bridge, Manatee County
60th Avenue Extension, Manatee County
SR 684 (Cortez Road) from SR 789 (Gulf Drive) to 123rd Street West and over Anna Maria Sound, Manatee County
I-75 at US 301 Interchange Ramp A1 over the Manatee River, Manatee County
44th Avenue East and 24th Street East Intersection Improvements, Manatee County
Upper Manatee River Road from North of SR 64 to Fort Hamer Bridge, Manatee County
Lorraine Road from South of 59th Circle / Avenue East to SR 64 Roundabout, Manatee County

DPS CORP.
Diversified Professional Services Corp.

Sandra L. Polanis
Geotechnical Field Support Supervisor

Years experience with other firms: 3
Year started with DPS: 2007

Certifications/Registrations/Technical Training

- FDOT Chapter 22 PD&E, Level I & II CSER Training
- OSHA 29 CFR 1910.120 40 Hour HAZWOPER
- OSHA 29 CFR 1910.120 8 Hour refresher
- TSCA Title II Asbestos & Mechanical Inspector #004695
- NESHAP Asbestos Building Inspector #326141
- Environmental Site Assessor – Phase I ESA
- FDEP NPDES Certification # 223-334-32
- Heavy Equipment Operation Training 2013 #4232
- QuickBooks, 2007, 2010, &2014 training

Professional Experience

Ms. Polanis has experience in business management, construction management and environmental construction and consulting services and is responsible for the daily operations and project management of DPS Corp. She is capable of completing Level I contamination screening evaluations, environmental and geotechnical drilling support services, stormwater system inspections and associated corrective action, construction management and contract management for both the private and public sectors. She has successfully managed contracts involving large land parcels and several mile corridor evaluations. She has a working knowledge of property management and land acquisition processes. Ms. Polanis evaluates and provides quality assurance review for standard operating procedures used at DPS. As the President of DPS, she is responsible for the planning, oversight and technical review of all assessment and construction projects, as well as the employment and mentoring of staff professionals.

Relevant Project Experience

- Sarasota Bradenton International Airport, Taxiway Bravo Rehabilitation, Sarasota County. This project included the evaluation and rehabilitation of Taxiway Bravo at the Sarasota-Bradenton International Airport. Ms. Polanis was responsible for the oversight of the field activities performed by DPS including three (3) SPT borings, 29 pavement cores and collection of two (2) CBR samples. The work was completed to support the design team in preparing their recommendations for the project.

- FDOT District 1, I-75 Rest Area, Charlotte County. The proposed project included the construction of two new rest areas (one NB and one SB) along I-75. Specific improvements included new rest area buildings with associated canopy structures, new entry and exit ramps, rest area circulation roadways, truck/auto parking areas and stormwater ponds to accommodate the proposed I-75 roadway and rest area site drainage. Ms. Polanis was responsible for oversight of subsurface explorations performed by DPS including more than 100 auger borings and more than 30 SPT borings to support the design team.

- FDOT District 1, SR 60 from CR 630 to Grape Hammock Road, Polk and Osceola Counties. The project consisted of widening SR 60 from CR 630 to Grape Hammock Road. The improvements involved widening the existing two (2) lane undivided roadway to a four (4) lane divided roadway with a median and inside and outside paved shoulders. Additional improvements to this section included replacing the existing bridge structure over Buttermilk Slough and extending an existing concrete box culvert over Ice Cream Slough to accommodate the widening. Ms. Polanis was responsible for oversight of subsurface explorations performed by DPS including more than eighty-four (84) hand auger borings completed at select locations along the project alignment.

- Florida's Turnpike Enterprise, Florida's Turnpike Mainline Widening from MP 279 to 289.3, Lake County. This project included the widening of Florida's Turnpike (SR 91) in Lake County from an existing divided four-lane facility to a divided eight-lane facility (two general toll lanes and two express lanes) for a total distance of approximately 10.5 miles. Ms. Polanis was responsible for oversight of subsurface explorations performed by DPS including more than one-hundred fifty (150) Standard Penetration Test (SPT) borings completed at select locations along the project alignment.



Valerie Ciudad-Real

Senior Community Outreach Specialist

valerin
Create • Communicate • Connect

During Valerie's 35-year career, she has developed and implemented hundreds of public participation programs and communication plans for public sector clients, including the Florida Department of Transportation (FDOT), municipalities, expressway and transit authorities, planning organizations, and counties. Valerie serves as a communications manager responsible for overseeing assigned staff and public engagement and outreach activities and also leads Valerin's QA/QC program.

Relevant Project Experience

Anna Maria Island Pipe Replacement Program, Manatee County, Manatee County, FL: As part of the Capital Improvement Plan (CIP), Manatee County is replacing aging drinking water and wastewater pipelines on Anna Maria Island. The County is also constructing stormwater drainage improvements for Coquina Beach public parking. Many of the existing pipelines included in these projects were constructed in the 1970s and are now reaching the end of their service life. Force main replacement projects underway on the island include Force Main 1 in Bradenton Beach, Force Main 8 in Holmes Beach, and Force Main 15 in Anna Maria. Combined, these projects include the replacement of just over one mile of the pipeline on the island. Valerie manages assigned staff and activities and also performs all QC for developed collateral materials.

44th Avenue East Extension – I-75 Overpass to Lakewood Ranch Boulevard, Manatee County, Manatee County, FL: This segment of 44th Avenue East included approximately 1.9 miles of new roadway. Improvements included widening to a four-lane facility with bicycle lanes, divided median, curb and gutter, sidewalk, a multi-use trail, street lighting, utilities, drainage infrastructure, stormwater management systems, and a roundabout at the intersection with Lena Road. A new overpass across I-75 and a bridge spanning the reclaimed lake at the existing County Southeast Water Reclamation Facility (SEWRF) were also included in the project. The new segment of Lena Road connecting the 44th Avenue East roundabout and the existing Lena Road to the south was a two-lane facility with divided median, curb and gutter, sidewalk, a multi-use trail, and street lighting. Valerie served as the communications manager overseeing public engagement and outreach tasks, assigned Valerin staff, and ensured the project website is kept up to date. She also coordinated with Manatee County staff regarding public outreach efforts.

75th Street West Widening and Improvements from 20th Avenue West to Manatee Avenue West, Manatee County, Manatee County, FL: The one-mile project will widen the existing two-lane roadway to four lanes, creating a divided-urban roadway (two lanes in each direction) with a center left-turn lane and/or raised median. Safety and operational enhancements will also include pedestrian and bicycle facility upgrades including a shared-use path, drainage improvements and designated stormwater ponds, County utility modifications, replacing and upgrading traffic signals as needed to accommodate the widened roadway, and additional lighting in conjunction with Florida Power & Light (FP&L). Valerie is responsible for leading all public involvement efforts including managing assigned staff and activities, performing all QC for developed collateral materials, and attending the public meeting.

Lower Peninsula Regional Stormwater Improvements Design-Build, City of Tampa, Hillsborough County, FL: This $37 million project is the first of several located in the Lower Peninsula area of Tampa and is part of the City of Tampa's Stormwater Resolution that was passed in 2016. The project consisted of the design and construction of a major stormwater conveyance system that will reduce stormwater flooding in South Tampa neighborhoods. This project includes more than 8,000 linear feet of box culvert and pipes, as well as drainage inlets and a new outfall to Hillsborough Bay. In addition, an environmentally sensitive pond will be developed as part of the MacDill 48 Park to provide water quality treatment prior to stormwater begin discharged into Hillsborough Bay. The pond will include state-of-the-art infrastructure to reduce discharges of nutrients, oils, grease, and floating debris into Hillsborough Bay. Valerie serves as the project manager and oversees community outreach specialists, public involvement activities, and manages the QA/QC process.

Southeast Seminole Heights Flooding Relief Design-Build, City of Tampa, Hillsborough County, FL: Valerin was added as part of the design-build team to lead the public engagement and community outreach efforts for this major stormwater project that was constructed to relieve frequent flooding within the Southeast Seminole Heights area. The project included new box culverts, storm sewer inlets, pipes, and associated interconnections to the existing storm sewer network to collect and route stormwater away from roads and properties. Additionally, multi-modal transportation mobility improvements were constructed on North Central Avenue between West Osborne Avenue and West Hillsborough Avenue. For this project, Valerie served as the communications manager providing high-level oversight of communications specialists and outreach efforts. This work is part of the City's ongoing commitment to invest in neighborhoods by upgrading essential infrastructure.

Key Qualifications

- **35 Years of Experience**
- **20 Years of Experience**
- Public Involvement | Public Information Expertise

Education

- High School Graduate
- Some College Coursework

Training | Certifications

- Media Training
- Plans Reading

Services

- Public Outreach

Availability

- 20%

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Mark A. Brewer, CEO & President

Mark Brewer has been with Angie Brewer & Associates, LC for more than 32 years after having served in the U.S. Army and is a Veteran of the Gulf War in 1990-1991. He earned his Bachelor's in Business Administration from Keiser University, graduating Summa Cum Laude. Mark has also earned a Master of Business Administration (MBA) from the W. P. Carey School of Business at Arizona State University in December 2008. Mark is a Doctor of Business Administration (DBA) Candidate at Walden University. Mark has been involved with Collier County funding services since 1993.

He has extensive "hands-on" experience with federal and state grant and loan planning, application and administration. Mark has been utilized as a Subject Matter Expert and Key Informant to the Government Services Administration (GSA) based on his significant experience with federal and state funding agency regulations and requirements, including Davis-Bacon, MBE/WBE and others. Mark has over 37 years of experience in advanced computer technology including the development of Davis Bacon Compliance Monitoring software. Utilizing the software and other expertise, ABA was awarded the contract from the State of Florida to provide all the Davis Bacon oversight, monitoring, training, and other services for the Weatherization Assistance Program. Mark was the Program Manager and Chief Technical Expert for the Davis Bacon State Contract for the Florida DEO's $176 million ARRA Weatherization Assistance Program. Over the last years, he has been directly involved in all aspects of helping ABA's clients secure and manage over $12 billion in grant and loans for local government capital projects.

Education:
Master of Business Administration - Management
Bachelor of Business Administration - Management
FDOT Resident Compliance Specialist (RCS)

Training Delivered to Others:
- State SRF Conference (Multiple Years)
- Davis Bacon (Regional, Statewide, National)
- Florida State Contractor Compliance Webinars
- Davis-Bacon/EEO for New FDOT DBEs

Speaking:
- School of Government Finance – Grant/Loan Administration (Multiple Years)
- FGFOA Guest Speaker
- "Leveraging Other People's Money"
- "Making the Most of Grant Funding"
- "Simplifying Davis Bacon"

Affiliations:
-FDEP Technical Advisory Committee for the SRF Drinking Water Program
-Government Finance Officers Association

Partial List of Project Experience

City of Wauchula Wastewater Treatment Plant Expansion
Funding: CDBG-DR

Lee County Moss Marina Booster Pump Station Relocation
Funding: CDBG-DR

Town of Fort Myers Beach North Island Tower
Funding: CDBG-DR

Collier County – Various Transportation, Water, Wastewater, Community Development Projects
Funding: SRF, CDBG, SFWMD, TIGER, FHWA, FDOT LAP, Special Appropriations

State of Florida Weatherization Assistance Program - Davis-Bacon Compliance
Funding: US Department of Energy - American Reinvestment and Recovery Act

City of Brooksville Commercial Revitalization
Funding: CDBG

Celebrating 37+ years of Excellence

RICHARD PETERIKA
PROJECT LANDSCAPE ARCHITECT

EDUCATION

The University of South Florida, Master of Architecture, 2008

ASCA Consulting Academy, 2017

ISA Tree Risk Assessment Qualification Course, 2019

Florida ISA Pruning Prescription Qualification Course, 2023

EMPLOYMENT

Ekistics Design Studio, Inc. 2003-2008: Design Associate 2008-2018: Project Manager	Tampa, Florida	Responsibilities included tree inventory management, landscape architectural design, tree assessments, tree protection and mitigation, agency coordination, entitlement plan preparation, and urban planning.
Dark Moss LLC 2018-Present: President	Tampa, Florida	Responsibilities include tree inventory management, landscape architectural design, tree assessments, tree protection and mitigation, agency coordination, entitlement plan preparation, and urban planning.

PROFESSIONAL REGISTRATIONS / CERTIFICATIONS / MEMBERSHIPS / QUALIFICATIONS

Registered Landscape Architect	LA #6667088 - Florida DBPR (Licensed 05/2011)
Registered Consulting Arborist	RCA #641 and Member - American Society of Consulting Arborists
Board Certified Master Arborist	FL #5893B and Member - International Society of Arboriculture (Originally certified in 2008)
Certified Planner	AICP #31476 and Member - American Planning Association
LEED Accredited Professional	US Green Building Coalition

PROFESSIONAL EXPERIENCE

With over 20 years of experience in landscape architecture, land use planning, and urban forestry, Richard is a leading expert in West Central Florida. Since 2003, he has successfully consulted on, designed, or contributed to numerous complex landscape and natural resource projects, focusing on transportation and infill development. He has been appointed by Hillsborough County Board of County Commissioners, former Mayor Bob Buckhorn, and Tampa City Council to serve on public boards for seven years hearing land use appeals and variance requests. He was also appointed to the Tampa Land Development Code Advisory Team. He has served on the Florida Urban Forestry Council Executive Committee for two years and currently serves as a Director for the American Society of Consulting Arborists. He currently serves as a Advisory Group Member on the Tampa Land Development Code Update Project.

Richard's expertise in urban forestry and data collection is evident in his development of a custom application for tree assessments and inventories. His experience in managing projects across West Central Florida is ubiquitous, including notable locations like Tampa International Airport, Westshore Plaza, Gasworx, Tampa General Hospital, BayCare St. Joseph's Hospital, Benchmark International Arena, BayCare Ballpark, and USF Stadium. Additionally, his role as a Miscellaneous Consulting Arborist for the City of Tampa further emphasizes his contribution to urban forestry within the region. His team contributes to over 15% of all rezoning applications before Tampa City Council. Projects designed by Richard are regularly recognized as "Florida-Friendly Landscapes," and three of his projects have achieved LEED Certification, including two Platinum Certifications. Richard was also selected to make presentations on Trees and Green Infrastructure as a Resource Team Member for three Mayor's Institute on City Design sessions. Two of his low impact development projects have won local and regional environmental planning awards.

TAB 4

PROJECT APPROACH

TAB 4

4. PROJECT APPROACH

Our team's project approach emphasizes partnering with the Town of Longboat Key as an extension of staff, providing experienced professionals to deliver the Longboat Key Village Phase 4 Drainage Improvements Project ("project"). Our team will perform services under the town's oversight, and we pledge to offer the town the best technical and management resources with relevant experience in flood mitigation projects.



UNDERSTANDING OF THE SCOPE OF SERVICES

The Town of Longboat Key performed a drainage study to address drainage issues in this area and has recommendations that will be executed in four phases. The town is seeking proposals from licensed and qualified firms to provide design and permitting services for drainage and roadway improvements as part of the Longboat Key Village Phase 4 project in Longboat Key, Florida.



The project involves providing comprehensive design, permitting, grant funding assistance, and construction-phase support services for drainage and roadway improvements in Longboat Key Village (Phase 4). Work includes roadway reconstruction and elevation, stormwater system upgrades (larger pipes, new inlets, an optional pump station, and a wet pond), utility coordination, and harmonization in private properties to accommodate the higher roadway elevations.

The selected firm will also manage permitting with federal, state, and local agencies; engage with residents on easements and project impacts; prepare cost estimates; assist with FEMA grant compliance; and provide bid support, limited construction oversight, and project closeout services. All work must comply with applicable regulations to maintain eligibility for federal funding.

The project's scope also entails comprehensive preliminary engineering designs and calculations, surveying, permitting, and notifications, along with coordination with the town. This includes collaboration with all relevant agencies overseeing the project to ensure the successful, cost-effective, and dependable completion of all tasks for this project. **Careful attention to the finished floor elevations of adjacent homes is a critical aspect of the design for all project phases.**

SCOPE OF WORK:

The Town of Longboat Key has identified the Village community as highly vulnerable to sunny-day flooding, King tides, and storm-related inundation; conditions that will worsen under projected sea level rise. **The Phase 4 Drainage and Roadway Improvements project will provide resilient infrastructure upgrades through roadway elevation, stormwater system improvements, and coordination with residents to harmonize impacts on private property.**



Flood Depth Criteria - The project will be designed according to Manatee County's Level of Service standards to the greatest extent possible. Based on the Manatee County Public Works Standards, minimum roadway crown elevations shall provide a minimum freeboard of 6 inches above the 25-year, 24-hour design storm event. Minimum crown elevations will be established based on this requirement and will be evaluated on a case-by-case basis taking into consideration potential impacts to adjacent properties.

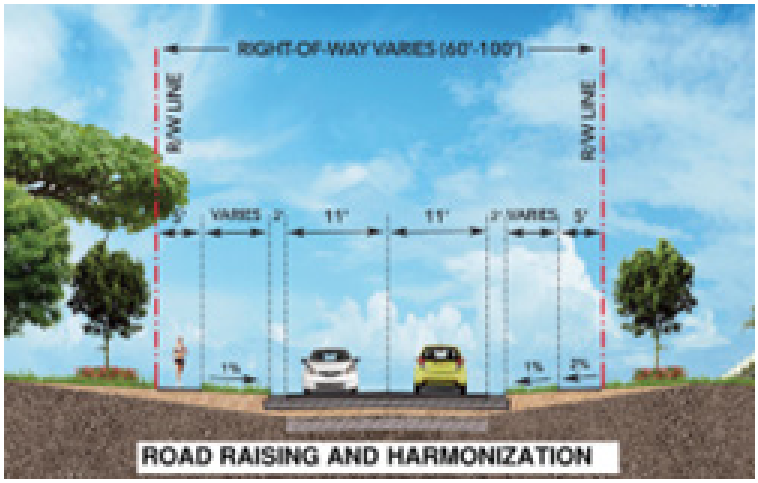


Our team is very familiar with the key flooding issues of the project area as outlined below.

- **Sunny-Day Flooding and King Tide Flooding:** Frequent tidal flooding in a community with roadway elevations as low as 0.8 NAVD 88. This recurring issue restricts mobility and access. NOAA's 2017 Intermediate-High Sea Level Rise projections indicate conditions will significantly worsen by 2050.
- **Undersized Infrastructure:** The existing 12–15-inch storm pipes are undersized for current runoff volumes and contribute to localized flooding.
- **Low Seawalls:** Many private seawalls are too low to provide protection against projected tides, limiting the long-term effectiveness of the proposed improvements. Addressing this issue will require future coordination with property owners to raise seawalls. However, at this time, there is no immediate plan of action in place for seawall improvements.
- **Corroded Inlet Grates:** The existing inlet grates have significant corrosion, making them difficult to inspect and maintain.

To address these, issues the scope of this project includes:

- **Drainage System Improvements:** To improve system capacity, new inlets and conveyance pipes are proposed along Longboat Drive. We recommend upsizing all new storm pipes to a minimum diameter of 18 inches to increase conveyance capacity and long-term performance. We also recommend replacing all rusted inlet grates throughout the project area with durable, corrosion-resistant materials. In addition, a check valve inspection and maintenance program is recommended to ensure backflow prevention.
- **Roadway Reconstruction and Elevation:** Roadway reconstruction and elevation will be considered. Reconstruct and elevate roads will be considered. Raising these roads will require careful grading and harmonization at driveways and yards. Solutions may include installing yard drains in private properties to connect to the improved public system.Impacts will be evaluated on a case-by-case basis, and sketches will be provided to each affected property owner showing proposed modifications.



- **Public Engagement & Outreach:** Extensive resident and stakeholder engagement to explain impacts, coordinate easements, and gain acceptance of proposed improvements is vital. Outreach will include individual property meetings, neighborhood workshops, mailed notices, and the preparation of visual aids (sketches, exhibits, and before/after scenarios). Special emphasis will be placed on harmonization solutions for driveways and yards, including the installation of yard drains, where needed. Feedback will be incorporated into design iterations to build consensus.

PROJECT APPROACH

Upon receipt of the notice to proceed (NTP) from the town's project manager (PM), the CHA team will schedule an initial meeting with the town's PM to discuss the proposed scope of work and perform thorough field visits to define the different tasks included in the scope of services. Within one week of the field review meeting, CHA's PM will provide the town with a scope of services, including all tasks required to complete the project, a detailed man-hour estimate of work effort for both the prime and subconsultants (including the corresponding fee proposal), and a project schedule.





The main role of our team is to manage, coordinate, and design a drainage system that efficiently protects this geographic area from flooding by applying the latest technologies and following the recommendations of the town's previous studies. The scope of services includes, but is not limited to:

- Project management, which consists of project meetings and coordination, project scoping, project scheduling, cost estimating, project status updates, project invoicing, recommending optimal procurement strategies, and risk assessment.
- Project design services, including survey, construction, and drainage easement design and establishment, drainage analysis, drainage modeling, private property restoration, utility location and restoration, geotechnical services, and the submittal of construction documents, plans, and specifications.
- Permitting - to obtain all required permits.
- Public/stakeholder outreach - it is anticipated that there will need to be numerous public engagements to review and gain input from residents.
  - ✓ This will be instrumental for establishing both temporary construction easements and permanent drainage easements,
  - ✓ Developing improvements or restoration efforts for individual lots and driveways,
  - ✓ And utility coordination.
- Cost estimating - an engineer's opinion of probable construction cost (OPCC) will be provided to properly budget for the construction for both grant application and construction procurement.
- Assisting in the procurement of engineering and construction services under the direction of the town's Department of Procurement, and in accordance with governing state law and town ordinances and policies.
- Construction-related services, including:
  - ✓ Bid-related services
  - ✓ Limited construction oversight
  - ✓ As-built/project certification services
  - ✓ Permit close-out/monitoring
  - ✓ Project close-out for grants and general lessons learned
- Grant assistance - assist the town in pursuing and securing FEMA Hazard Mitigation Grant Program (HMGP) funding for the project. CHA has partnered with **Angie Brewer & Associates (ABA)** to support the grant application process and will remain available to assist with future FEMA HMGP applications and additional funding opportunities.

WESTON HAGGEN, PE, DBIA, ENV SP, PMP
PROJECT MANAGER

Years of Experience: 17

Weston brings over 17 years of experience in design, permitting, bidding, construction administration, and managing multidisciplinary engineering teams for stormwater management, pipeline, sanitary sewer collection system, pump station, and WTP/WWTP projects.



FUNDING EXPERIENCE

In the table below, we have provided CHA's recent experience in obtaining grants/funding for utility projects in Florida.

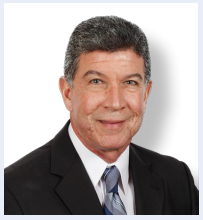
CLIENT/PROJECT	FUNDING SOURCE	AMOUNT	PROJECT COMPLETE?	COMPLIED WITH FUNDING REQUIREMENTS?
City of Vero Beach Canal Intake and Pump Station Project	Water Management District Cost-Share Funding	~$1.5 million	✓	✓
City of Melbourne Pineda Causeway Subaqueous Water Transmission Mains Project	SRF Loan and Grant *5% Loan Forgiveness*	~$14 million	✓	✓
City of Orange City Water Main Replacements	SRF Loan and Grant *75% Loan Forgiveness*	~$6 million	✓	✓
City of Haines City Wastewater/Reclaimed System Improvements	SRF Loan	~$10 million	✓	✓
City of Haines City WW/Reclaimed System Improvements	Cooperative Funding	~$5 million	✓	✓
City of Eustis Eastern WWTP Expansion	Water Management District Cost-Share Funding	~$3 million	✓	✓
City of Apopka Wastewater Treatment Capacity Expansion	SRF Loan	~$60 million	✓	✓
Seminole County Septic-to-Sewer Conversion	SRF Loan (Recently Awarded)	~$10 million	✓	In Progress
City of Vero Beach 5.0 MGD Greenfield MBR WRF Project	FDEP Florida Water Quality Improvements Grant	~$41.5 million	In Progress	In Progress
City of Sanford Various R/R Projects	SRF Loan (Recently Awarded) *100% Loan Forgiveness*	~$19.2 million	In Progress	In Progress

UNDERSTANDING OF THE MOST CRITICAL ISSUES AND METHODOLOGY FOR RESOLUTION

ARNELIO ALFONSO, PE
LEAD STORMWATER ENGINEER

Years of Experience: 39

Arnelio has managed complex stormwater improvement projects and master plans for municipalities, state, and federal agencies. These projects have included sea level rise mitigation and flood protection solutions.



- Town of Longboat Key critical constraint factors - There are several unique factors that need to be considered when designing a drainage system for the Town of Longboat Key. These factors are related to the geographical location of the town and could limit the options of possible solutions to drainage problems and have a negative impact on the performance of the stormwater management system. These factors include:
  - ✓ Low-lying undulating topography
  - ✓ High groundwater table elevation
  - ✓ Salinity front and aquifer classification constraints for underground disposal
  - ✓ Tidal backflow, tidal surge, and future increasing tide and groundwater elevations
  - ✓ No available dedicated stormwater management lands
- Proposed drainage systems within the town limits are based on the right selection of stormwater management solutions; these solutions should be selected based on the specific characteristics and location of the area being served and should include expertise in the design of the following elements:
  - ✓ Pipe up-sizing
  - ✓ Drainage retention ponds
  - ✓ Pump station
  - ✓ Drainage wells
  - ✓ Green infrastructure
  - ✓ Backflow preventer
  - ✓ Seawalls

ALEJANDRO LEÓN, PE
LEAD ROADWAY ENGINEER

Years of Experience: 19

Alex is an expert in roadway/ transportation design and has served as the lead roadway engineer on countless roadway and major interchange reconstruction projects.



- Roadway improvements - Our team will provide a design that meets the approved scope and stays within the budget at all times. An extensive field review and assessment of the existing conditions using a proprietary checklist will identify and minimize scope creep. Our first step will be to develop a typical section package and obtain approval from the town's Public Works Department. Typically, we set up a meeting with Public Works to discuss the scope and budget constraints. In some cases, Public Works will request additional improvements, and our team, together with the town's PM, works to accommodate any improvements that are related to safety or public concerns.
- French drains - French drains are allowed when in situ soil hydraulic conductivities are sufficient to promote the exfiltration of the required stormwater quality volumes. French drains must be designed using the following design criteria and parameters:
  - ✓ Exfiltrate to the groundwater the required stormwater quality volume, prior to discharge over control weir.
  - ✓ Percolate runoff into areas of aquifer that do not contain contaminated soil.
  - ✓ Provide baffles, skimmers, and sumps in inlets to minimize entrance of oils and sediments into drainage pipes.
- Drainage wells - Drainage wells are typically considered when the in situ soil hydraulic conductivity is insufficient to promote exfiltration or when there is insufficient available land to locate exfiltration trenches. Drainage wells are considered by the FDEP to be Class V, Group 5 wells, regulated under Section 62-528, FAC. In general, the capacity of these wells often ranges between 300 and 1000 gallons per minute (gpm) per foot of head.



- Water quality - The proposed stormwater infrastructure improvements must comply with the water quality standards of the regulatory agencies. All coastal communities have increased the monitoring of water quality discharges to the ocean. Alternatives include the maximum amount of stormwater recharge/ disposal and water quality treatment potentially required prior to discharge to the ocean. The most cost-effective treatment systems can then be selected during design. Coordination between the town and the regulatory agencies will be required to balance the best approach between flood reduction and environmental protection. Best management practices will be incorporated to protect receiving waters. The CHA team will comply with the new FDEP requirements established under Chapter 62-332, F.A.C., the related amendments to Chapters 62-330 and 62-4, and the revised Applicant's Handbook Volume I, effective November 19, 2026. CHA will incorporate the applicable requirements for Water Quality Enhancement Areas (WQEAs), Regional Stormwater Management Areas (RSMSs), and Master Stormwater Management Systems (MSMSs) , and compensatory stormwater treatment into the project's planning, modeling, design, and permitting, and will coordinate with FDEP and the applicable Water Management District to confirm compliance throughout project development.
- Community outreach - **Given the scale of roadway elevation and property impacts, public outreach will be a major component of this project, requiring ongoing workshops, meetings, and visual communication tools to build resident understanding and support.** Our team has in-depth knowledge of the Town of Longboat Key, its stakeholders, and elected officials. Our public outreach teaming partner, **The Valerin Group, Inc. (Valerin),** brings extensive experience developing and implementing community engagement programs for public-sector infrastructure projects, including water, wastewater, stormwater, roadway, and utility improvements. Working together, we will develop creative strategies to engage residents, agencies, and elected officials throughout the project. Outreach tools may include construction advisories, door hangers, e-blasts, project websites, visualizations, and other targeted communications designed to keep stakeholders informed and engaged. Valerin also brings experience with grassroots outreach, including door-to-door engagement, public meeting coordination, project hotlines, stakeholder databases, and development of public-facing materials.

TEAM'S TECHNICAL ABILITY TO PERFORM ALL FACETS OF THE SCOPE OF SERVICES



A very important characteristic of our team is our experience in developing climate-based policies and capital plans for communities across Florida. Our team's approach focuses on stormwater management and flood mitigation, providing not only the path to meeting the selected level of service but also providing quantifiable benefits to communities to protect their properties. By evaluating the 100-year or 1% annual chance flood today and into the future and communicating this risk effectively with the community, our team is also able to help the town secure additional credits toward the National Flood Insurance Program's Community Rating System, which reduces flood insurance premiums by 5% for each numerical tier of improvement achieved. This direct financial benefit to the community builds awareness and support for the required investment to achieve long-term flood management goals for the Town of Longboat Key.

Important topics of the scope of services include:

- Compliance with future regulations - This technical area focuses on ensuring the town complies with existing and future regulations, such as NPDES MS4 permits, TMDLs, and other local water quality and water quantity regulations.



Our team has integrated extensive flood mitigation, water program, and BGSI planning and development solutions throughout Florida.

- Resiliency - The term "resilience" is one that is often used and not always understood. By many definitions it describes a state or condition that allows an individual, community, organization or system to return to service quickly after experiencing a shock or stress. While resilience can be applied to mitigate a single threat, a system or community's resilience requires an understanding of all threats over time. When applied to flooding, it is important to look at the multitude of flood scenarios that may be experienced over the service life of flood mitigation systems to reduce impacts and damages and allow the system or community to recover quickly at minimal cost.

ANGELA BARÓN-RUIZ, PE, ENV SP
CLIMATE CHANGE & RESILIENCY LEAD

Years of Experience: 18

Angela has been the lead project manager for several stormwater management projects. She is experienced in the analysis and design of stormwater management systems, hydraulic modeling, and environmental permit procurement.



- Blue-Green stormwater infrastructure (BGSI) - As industry leaders in BGSI and nature-based coastal solutions, our team has developed numerous plans, policies, and guides to integrate BGSI into stormwater and watershed management plans through innovative water resources management. In addition to stormwater quality evaluations and planning activities, our team has also been involved in the implementation of numerous BGSI projects to meet or exceed regulatory requirements and in support of localized project objectives, including water quality, erosion mitigation, and habitat creation.
- Permit issues - The CHA team's permitting and regulatory compliance services provide a comprehensive approach to achieving compliance with all town projects. We look at current regulations specific to each federal, state, and local agency and also monitor legislative and judicial developments that may impact the way projects are reviewed by agencies. During the permitting process, we will schedule on-board review meetings with multiple agencies to address the reviewer's request for information (RFI) immediately, expediting the permitting review process. Our team will have a permit coordinator who will be responsible for coordinating with all permitting agencies with jurisdiction.

LEVI BOYLE, PE
CONSTRUCTABILITY REVIEW/CEI SPECIALIST

Years of Experience: 14

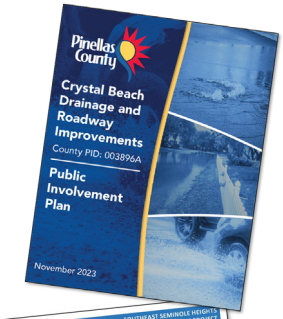
Levi has successfully performed CEI project management at all levels, as well as constructability review. His expertise is in roadway/transportation projects.



- Construction management - Our construction management (CM) approach is based on construction best practices, such as sustainable building standards and leveraging our experience. Our team has managed the construction of several large infrastructure programs and has established successful working relationships with the local, state, and federal entities that will permit construction at the Town of Longboat Key, including the Department of Public

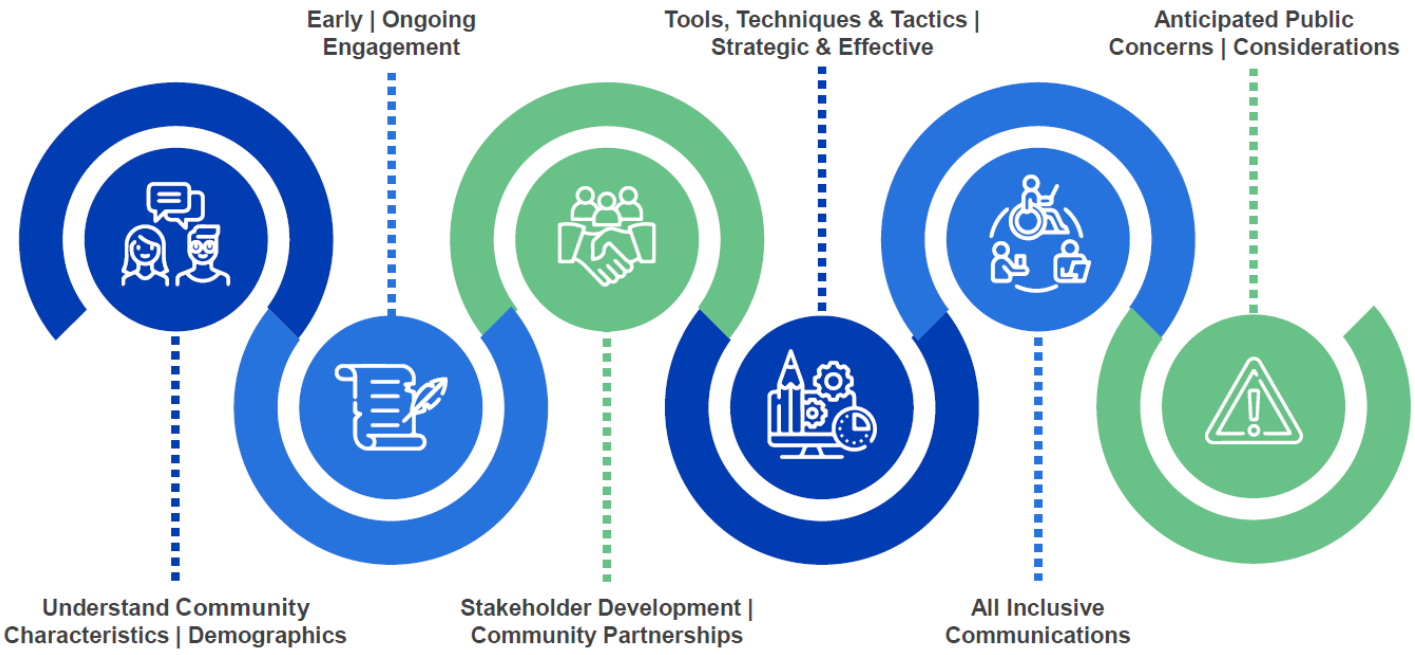
Works, the Southwest Florida Water Management District (SWFWMD), the Florida Department of Environmental Protection (FDEP), the Florida Department of Transportation (FDOT), and the U.S. Army Corps of Engineers (USACE). Our approach to these services and the value it brings to the town are described below:

- ✓ Construction management and coordination
- ✓ Construction phasing and operational considerations
- ✓ Construction engineering and inspection (CEI)
- ✓ Safety management plan





- [Public outreach](#) - The Town of Longboat Key has a responsibility to many project stakeholders and constituents and functions in a highly visible environment. People interested in the project may include residents, customers, board members, managers, employees, suppliers, and the media. As design professionals, we recognize that successful projects require more than sound engineering. They also require clear, timely communication that helps stakeholders understand what is happening, why it matters, and how they may be affected. To support this effort, **The Valerin Group, Inc. (Valerin)** will serve as our public outreach teaming partner, bringing extensive experience developing and implementing public engagement and community outreach programs for public-sector infrastructure projects. Valerin is a full-service communications firm specializing in public involvement, community engagement, marketing, graphic design, website and mobile app development, visualizations, multimedia, video production, aerial drone imagery, and bilingual translation services. Their team brings more than 425 years of combined relevant experience and has worked on more than 600 public utility and transportation-related projects for state agencies, municipalities, and counties.



APPROACH TO THE SCHEDULE

SCHEDULE MANAGEMENT

The project team has established procedures and software to continually compare project details and available resources. Team members will hold regular meetings to determine the percentage of project tasks completed and the budget amount exhausted for each milestone. If a deviation should occur from the schedule or budget, project needs will be re-assessed and discussed. We are well known for our consistent, on-time performance and quality assurance record for major clients in both the public and private sectors. Our design service strategy is always based on client focus and process-oriented thinking to identify and address project issues quickly and cost-effectively. Given CHA's firm-wide workforce of over 2,000 people, we do not foresee any difficulties meeting your needs. We have the resources to make sure we meet your project schedule.

IMPLEMENTATION OF THE PROJECT SCHEDULE

The CHA team will develop a logical and achievable design schedule for this project. Our professionals will meticulously review this schedule based on our manpower availability and team capabilities. The project design schedule will be reviewed on every submittal as a product of project team coordination meetings. Some of the events/activities that must occur very early in the design process to comply with the schedule include:

- ✓ *Project kick-off meeting*
- ✓ *Grant assistance*
- ✓ *Survey of existing infrastructure*
- ✓ *Geotechnical investigations*
- ✓ *Feasibility study*
- ✓ *Design phase*
- ✓ *Permits*
- ✓ *Procurement*
- ✓ *Construction phase*

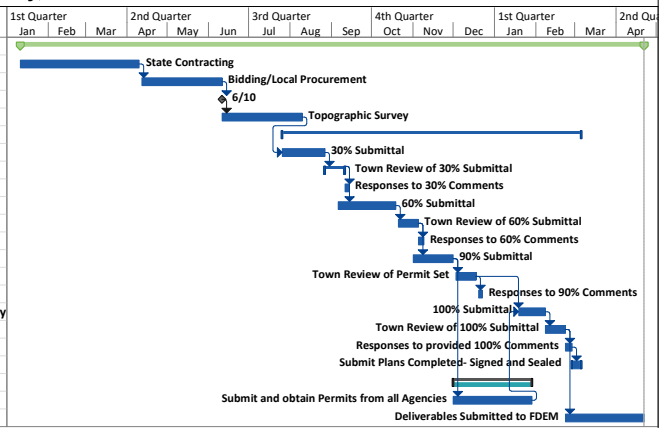
Besides these tasks, our team will prepare a full schedule in Primavera P6 or Microsoft Project containing the detailed breakdown of all of the project's main phases, including pre-design, design, permitting, procurement, and construction. The schedule will be reviewed and adjusted as the project progresses.

Longboat Key Village Phase 4

Drainage Improvements
Design and Permitting

Town of Longboat Key, FL

ID	Name	Duration	Start	Finish	Predecessors
1	**LONGBOAT KEY VILLAGE PHASE 4 DRAINAGE IMPROVEMENTS**	**467 days**	**Mon 1/11/27**	**Fri 4/21/28**	
2	State Contracting	89 days	Mon 1/11/27	Fri 4/9/27	
3	Bidding/Local Procurement	60 days	Mon 4/12/27	Thu 6/10/27	2FS+2 days
4	**Notice to Proceed**	**0 days**	**Thu 6/10/27**	**Thu 6/10/27**	**3**
5	Topographic Survey	60 days	Fri 6/11/27	Mon 8/9/27	4
6	**Design Specifications**	**224 days**	**Mon 7/26/27**	**Sun 3/5/28**	
7	**30% Submittal**	**32 days**	**Mon 7/26/27**	**Thu 8/26/27**	**5FS-15 days**
8	Town Review of 30% Submittal	15 days	Fri 8/27/27	Fri 9/10/27	7
9	Responses to 30% Comments	3 days	Sat 9/11/27	Mon 9/13/27	8
10	**60% Submittal**	**43 days**	**Mon 9/6/27**	**Mon 10/18/27**	**8FS-5 days**
11	Town Review of 60% Submittal	15 days	Thu 10/21/27	Thu 11/4/27	10FS+2 days
12	Responses to 60% Comments	4 days	Fri 11/5/27	Mon 11/8/27	11
13	**90% Submittal**	**30 days**	**Mon 11/1/27**	**Tue 11/30/27**	**11FS-4 days**
14	Town Review of Permit Set	15 days	Fri 12/3/27	Fri 12/17/27	13FS+2 days
15	Responses to 90% Comments	3 days	Mon 12/20/27	Wed 12/22/27	14FS+2 days
16	**100% Submittal**	**20 days**	**Wed 1/19/28**	**Mon 2/7/28**	**14,21FS-10 day**
17	Town Review of 100% Submittal	15 days	Tue 2/8/28	Tue 2/22/28	16
18	Responses to provided 100% Comments	5 days	Wed 2/23/28	Sun 2/27/28	17
19	**Submit Plans Completed- Signed and Sealed**	**7 days**	**Mon 2/28/28**	**Sun 3/5/28**	18
20	**Permitting**	**59 days**	**Wed 12/1/27**	**Fri 1/28/28**	
21	Submit and obtain Permits from all Agencies	59 days	Wed 12/1/27	Fri 1/28/28	13
22	**Deliverables Submitted to FDEM**	**59 days**	**Wed 2/23/28**	**Fri 4/21/28**	**17**



TEAM COMMUNICATION CAPABILITIES

Our communication capabilities will ensure the timely completion of projects, and will include several strategies and techniques:

- Establishing clear goals and objectives - Establishing clear goals and objectives for the project and defining a plan to achieve those goals within the constraints of the project involves identifying the key deliverables and milestones and establishing a timeline for completing each design phase.
- Work plans - Our team groups will use work plans to guide the proposal, progress, and completion of subtasks and deliverables associated with their respective assigned tasks. Each work group will create work plans detailing their task and deliverable completion schedule, LOE in FTEs and hours, critical success factors, and task or deliverable dependencies.
- Schedule - Oracle Primavera Schedule or Microsoft Project Schedule programs provide the primary means of tracking project schedules. The monthly project schedule depicts the status of the baseline of the CMSIIP. Upon the completion of tasks, subtasks, and deliverables, or the receipt of information from work groups, the PM updates the impacted areas of the master schedule and incorporates updated content into status reports. This tool also provides a visual representation of the time interdependencies of tasks, subtasks, and deliverables and shows where scheduling issues, conflicts, or delays occur.
- Prioritizing tasks and resources - Prioritizing tasks and resources based on their importance and impact on the project involves regularly reviewing and updating the project plan to make sure that the most important tasks are being completed first and that sufficient resources are being allocated to each task.
- Microsoft Excel spreadsheets - The PM uses Microsoft Excel to monitor and share information regarding project costs, value engineering, schedule, LOE, and outcomes. Financial and mathematical functions within Microsoft Excel allow for quick and accurate cost tracking and can provide an automated summation of key variables (e.g., percentage of LOE needed, cost as a percentage of budget, etc.). Microsoft Excel content also helps populate tables for inclusion in various CMSIIP reporting documents.
- Status reports - On a bi-weekly basis, the PM compiles information from key project areas to update the team leaders on current costs, schedules, value engineering, and outcomes relative to the project. Status reports summarize work accomplished and deliverable progress for a period of project performance, work planned for the next period of performance, and LOE. In addition, the PM identifies any issues that might impact project completion and, when appropriate, suggests corrective actions. Status reports offer a method to track successes and shortcomings by period of performance for the PM and individual work groups.
- Regularly monitoring and tracking progress - Regularly monitoring and tracking progress against the project plan and identifying any potential risks or challenges that could impact the project timeline involves using project management software to track progress and identify potential issues. Our team will work closely with the project team to develop strategies for addressing any issues that arise.
- Stakeholder communication - It is important to maintain regular communication with stakeholders to keep them informed of the project's progress and provide opportunities for input and feedback. **Valerin,** our public outreach teaming partner, will support these efforts by bringing extensive experience developing and implementing public engagement and community outreach programs for public-sector infrastructure projects. Their team specializes in public involvement, community engagement, graphic design, visualizations, multimedia, website and mobile app development, and bilingual translation services. Together, our team will provide regular meetings and updates and clear, accessible project information to help stakeholders stay informed and engaged throughout the project.



TAB 5

INTERACTIONS WITH TOWN AND REGULATORY AGENCY STAFF

TAB 5

5. INTERACTIONS WITH TOWN AND REGULATORY AGENCY STAFF

ABILITY TO WORK WITH TOWN STAFF TO COMPLETE THE PROJECT



The successful completion of this project will heavily rely on strong collaboration with town staff. We will have regular project meetings with the Assistant Town Manager, Town Engineer, and Public Works Director to maintain open communication, navigate potential challenges, ensure compliance with all requirements, and ultimately deliver a successful and beneficial project for the Longboat Key community.

Our team understands the importance of coordination with all project stakeholders, including affected stakeholders and permitting agencies, among others. The CHA team will be proactive in meeting and contacting any affected stakeholders. The identification of permitting requirements in advance is also a critical effort our team members are very familiar with. With over 40 years of experience in coordinating, issuing, and verifying permits for similar projects in Florida, the CHA team brings unique knowledge of permitting requirements, processes, and procedures, specifically in relation to drainage, roadway, pipeline, and pump stations.

KNOWLEDGE OF THE PERMITTING PROCESS AND LOCAL REGULATORY AGENCIES



Our team will have a Permit Compliance Manager (PCM) who will be the primary point of contact between the design team and the permitting agencies to streamline the permitting process. The PCM will conduct pre-application meetings, jurisdictional determinations, and make applications for permits authorizing activities associated with the proposed improvements. Anticipated approvals include:

- An Environmental Resource Permit from the Southwest Florida Water Management District (SWFWMD)
- Manatee County Environmental Protection
- The Town of Longboat Key

SUPPORTING QUALIFICATIONS SUMMARY IN TERMS OF MEETING THE SCOPE OF SERVICE



Our strategy to meet schedule and budget is based on the unique experience and unlimited resources of our team. As indicated in our organizational chart, we have assembled a team with redundancy in the key disciplines required for this project. Our team is ready to perform several tasks simultaneously, including the management of consultants, if required. In summary, the CHA team's ability to meet schedule and budget is based on the following reasons:

- We have unmatched experience in planning and designing drainage systems and roadways.
- We are leaders in Florida in the design of stormwater infrastructure, roadways, and pump stations in coastal urban areas.
- We bring extensive expertise in the permitting process for similar projects.
- Our depth of resources to support the scope of work and deliver this project in record time.
- Our prior experience providing similar design services for other Florida municipalities.

TAB 6

CERTIFIED MINORITY BUSINESS ENTERPRISE

6. CERTIFIED MINORITY BUSINESS ENTERPRISE

MINORITY BUSINESS ENTERPRISE

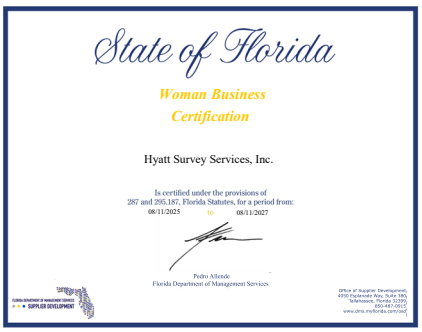
CHA is not a certified minority business enterprise (MBE), woman-owned business enterprise (WBE), small business enterprise (SBE), or other recognized disadvantaged business enterprise (DBE). However, we work with local DBE firms whenever possible and have a strong history of meeting contractual requirements and goals with respect to the level of utilization of such firms. ***We make an affirmative declaration to make a good faith effort to incorporate such firms into this contract.***

Our team includes the following DBE subconsultants selected for their DBE status and their particular expertise in disciplines necessary to complete projects that may arise under this contract successfully.

- The Valerin Group, Inc. (WBE) - Public Outreach
- Hyatt Survey Services/SAM, LLC (WBE) - Surveying & Mapping
- Dark Moss, LLC (MBE) - Landscape Architecture
- Diversified Professional Services Corp (WBE) - Geotechnical Field Support
- Angie Brewer & Associates, LC (WBE) - Grant/Funding Assistance

CHA is an Equal Employment Opportunity (EEO) employer, and will work to meet minority business participation goals.


State of Florida
Woman Business Certification
The Valerin Group, Inc.
Is certified under the provisions of 287 and 295.187, Florida Statutes, for a period from: 08/11/2025 to 08/11/2027
Pedro Allende
Florida Department of Management Services


State of Florida
Woman Business Certification
Hyatt Survey Services, Inc.
Is certified under the provisions of 287 and 295.187, Florida Statutes, for a period from: 08/11/2025 to 08/11/2027
Pedro Allende
Florida Department of Management Services


State of Florida
Minority Business Certification
Dark Moss LLC
Is certified under the provisions of 287 and 295.187, Florida Statutes, for a period from: 12/12/2024 to 12/12/2026
Pedro Allende
Florida Department of Management Services


State of Florida
Woman Business Certification
Diversified Professional Services Corp.
Is certified under the provisions of 287 and 295.187, Florida Statutes, for a period from: 10/09/2026 to 10/09/2028
Pedro Allende
Florida Department of Management Services


State of Florida
Woman Business Certification
Angie Brewer & Associates, L.C.
Is certified under the provisions of 287 and 295.187, Florida Statutes, for a period from: 07/16/2025 to 07/16/2027
Pedro Allende
Florida Department of Management Services

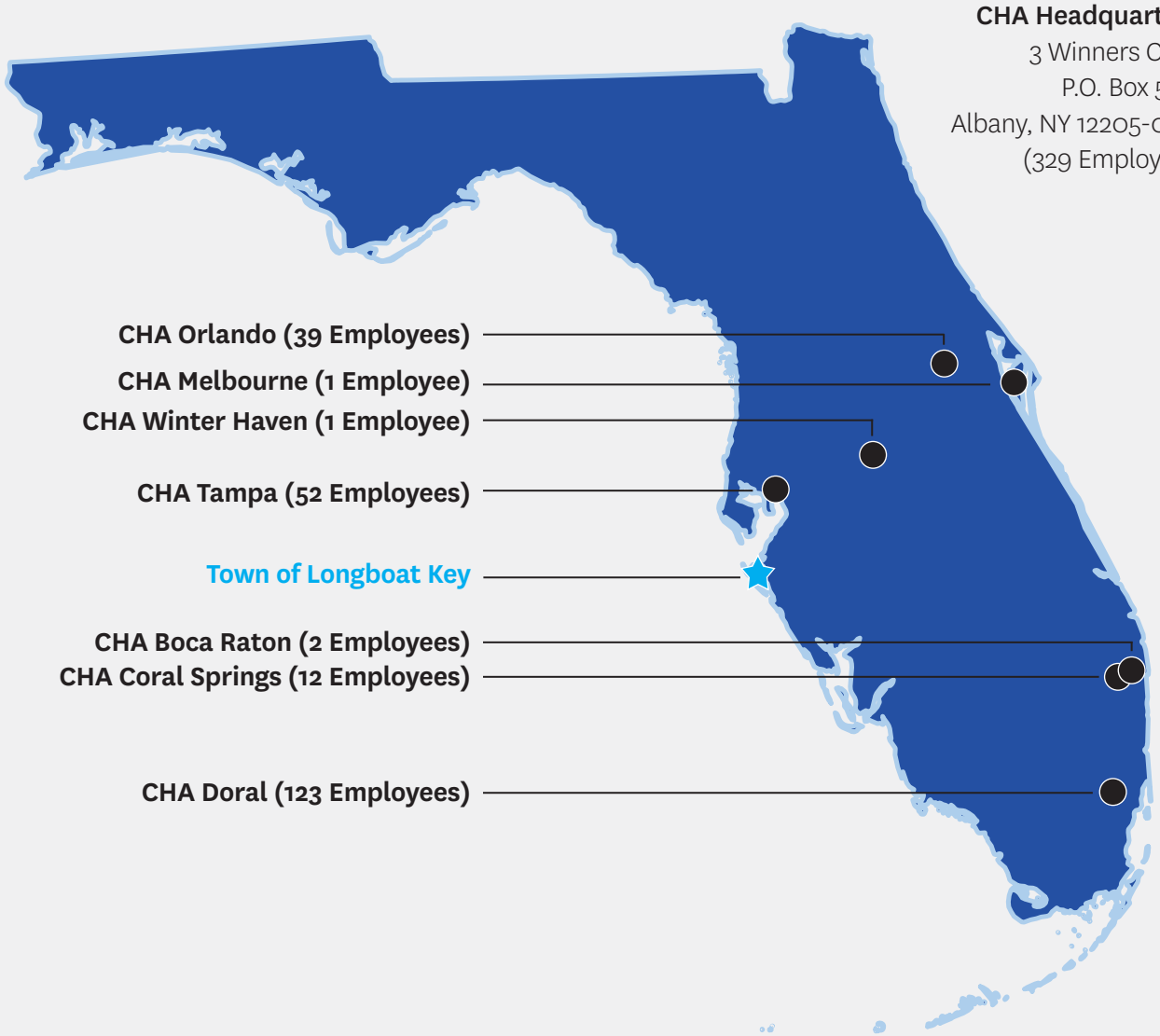
TAB 7

LOCAL FIRM

7. LOCAL FIRM

CHA OFFICE LOCATIONS

CHA'S FLORIDA OFFICE LOCATIONS



CHA has seven offices located in Florida, with a bench strength of over 2,200 professionals in more than 50 office locations company-wide. For this project, **the Town of Longboat Key will have the direct commitment of our local Tampa office, located at 2502 N Rocky Point Drive, Suite 145, Tampa, FL 33607, supported by our Doral office, located at 8935 NW 35th Lane, Suite 200, Doral, FL 33172. These offices have a combined staff of over 175 professionals.** With CHA's nearby office located less than 60 minutes from the town's offices, our team can respond quickly to any and all of the town's needs.

TAB 8

SURVEYS OF PAST PERFORMANCE

PERFORMANCE SURVEY QUESTIONNAIRE

TOWN OF LONGBOAT KEY

RFP 27-004 LONGBOAT KEY VILLAGE PHASE 4 DRAINAGE IMPROVEMENTS DESIGN & PERMITTING

Proposer Information		Client/Reference Information
From: Arnelio Alfonso, PE		To: Clara Sidan, PE
Company: CHA Consulting, Inc.		Company: City of Miami
Phone: (305) 592-7283		Phone: (305) 416-1050
Email: AAlfonso@chasolutions.com		Email: csidan@miamigov.com

Performance Survey of (project name):	City of Miami Stormwater Management Program
Cost of Services: Varies per project	Date Completed: Ongoing since 2023

Client:

Rate each of the criteria on a scale of 1 to 10, with 1 representing that you were very unsatisfied (and would never hire the company again) and 10 representing that you were very satisfied (and would hire the company again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank. Once completed, return survey to the Proposer.

Criteria	Unit	Score
1. Ability to manage cost	(1 – 10)	10
2. Ability to maintain project schedule (complete/on-time/early)	(1 – 10)	10
3. Quality of workmanship	(1 – 10)	10
4. Professionalism and ability to manage	(1 – 10)	10
5. Ability to effectively manage final close-out process and quality control	(1 – 10)	10
6. Ability to clearly and openly communicate with all staff and general public	(1 – 10)	10
7. Ability to resolve issues promptly	(1 – 10)	10
8. Ability to follow protocol and adherence to regulations and industry standards	(1 – 10)	10
9. Ability to maintain proper documentation	(1 – 10)	10
10. Ability to offer innovative and creative solutions	(1 – 10)	10
11. Had proper resources and personnel by which to get the project done	(1 – 10)	10
12. Ability to identify and mitigate project risks effectively and successfully	(1 – 10)	10
13. Overall client satisfaction and comfort level in hiring	(1 – 10)	10

Clara Sidan, PE

Printed Name of Reference

Sidan, Clara

Digitally signed by Sidan, Clara
Date: 2026.11.03 18:31:02 -05'00'

Signature of Reference

PERFORMANCE SURVEY QUESTIONNAIRE

TOWN OF LONGBOAT KEY

RFP 27-004 LONGBOAT KEY VILLAGE PHASE 4 DRAINAGE IMPROVEMENTS DESIGN & PERMITTING

Proposer Information		Client/Reference Information
From: Arnelio Alfonso, PE		To: Rene Diaz
Company: CHA Consulting, Inc.		Company: Miami-Dade County Dept. of Transportation and Public Works
Phone: (305) 592-7283		Phone: (305) 375-3444
Email: AAlfonso@chasolutions.com		Email: rene.diaz@miamidade.gov

Performance Survey of (project name): Miami Intermodal Center (MIC) Stormwater Pump Station Phases 1 and 2	
Cost of Services: $161,500 (CHA Fee) ~$925,000 (Construction Cost)	Date Completed: 2021

Client:

Rate each of the criteria on a scale of 1 to 10, with 1 representing that you were very unsatisfied (and would never hire the company again) and 10 representing that you were very satisfied (and would hire the company again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank. Once completed, return survey to the Proposer.

Criteria	Unit	Score
1. Ability to manage cost	(1 – 10)	10
2. Ability to maintain project schedule (complete/on-time/early)	(1 – 10)	10
3. Quality of workmanship	(1 – 10)	10
4. Professionalism and ability to manage	(1 – 10)	10
5. Ability to effectively manage final close-out process and quality control	(1 – 10)	10
6. Ability to clearly and openly communicate with all staff and general public	(1 – 10)	10
7. Ability to resolve issues promptly	(1 – 10)	10
8. Ability to follow protocol and adherence to regulations and industry standards	(1 – 10)	10
9. Ability to maintain proper documentation	(1 – 10)	10
10. Ability to offer innovative and creative solutions	(1 – 10)	10
11. Had proper resources and personnel by which to get the project done	(1 – 10)	10
12. Ability to identify and mitigate project risks effectively and successfully	(1 – 10)	10
13. Overall client satisfaction and comfort level in hiring	(1 – 10)	10

Rene Diaz

Printed Name of Reference

Signature of Reference

PERFORMANCE SURVEY QUESTIONNAIRE

TOWN OF LONGBOAT KEY

RFP 27-004 LONGBOAT KEY VILLAGE PHASE 4 DRAINAGE IMPROVEMENTS DESIGN & PERMITTING

Proposer Information		Client/Reference Information
From: Arnelio Alfonso, PE		To: Jose A. Perez, PE
Company: CHA Consulting, Inc.		Company: City of Miami Beach
Phone: (305) 592-7283		Phone: (305) 673-7071 (office) | (786) 367-8115 (cell)
Email: AAlfonso@chasolutions.com		Email: joseperez@miamibeachfl.gov

Performance Survey of (project name):	Improvements/Retrofit of Stormwater Pump Station #10
Cost of Services: $40,183 (CHA fee for Retrofit)	Date Completed: 2025

Client:

Rate each of the criteria on a scale of 1 to 10, with 1 representing that you were very unsatisfied (and would never hire the company again) and 10 representing that you were very satisfied (and would hire the company again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank. Once completed, return survey to the Proposer.

Criteria	Unit	Score
1. Ability to manage cost	(1 – 10)	10
2. Ability to maintain project schedule (complete/on-time/early)	(1 – 10)	10
3. Quality of workmanship	(1 – 10)	10
4. Professionalism and ability to manage	(1 – 10)	10
5. Ability to effectively manage final close-out process and quality control	(1 – 10)	10
6. Ability to clearly and openly communicate with all staff and general public	(1 – 10)	10
7. Ability to resolve issues promptly	(1 – 10)	10
8. Ability to follow protocol and adherence to regulations and industry standards	(1 – 10)	10
9. Ability to maintain proper documentation	(1 – 10)	10
10. Ability to offer innovative and creative solutions	(1 – 10)	10
11. Had proper resources and personnel by which to get the project done	(1 – 10)	10
12. Ability to identify and mitigate project risks effectively and successfully	(1 – 10)	10
13. Overall client satisfaction and comfort level in hiring	(1 – 10)	10

Jose A. Perez, PE
Printed Name of Reference

Signature of Reference

TAB 9

FORMS

TAB 9

TOWN OF LONGBOAT KEY FLORIDA

RFP 27-004 LONGBOAT KEY VILLAGE PHASE 4 DRAINAGE IMPROVEMENTS – DESIGN & PERMITTING

SUBMITTED PROPOSAL FORM

The undersigned Proposer declares that the only person or parties interested in this RFP as principals are those named herein, that this proposal is made without any understanding, contract, or connection with any other person, firm, or corporation providing a proposal for the same purpose and that this proposal is in all respects fair and without collusion or fraud. The Proposer understands that this proposal must be manually signed in ink, otherwise it will be considered unresponsive and subject to rejection.

The undersigned Proposer represents that the Proposer accepts, and that this proposal complies with, the RFP Documents; that Proposer has carefully examined the RFP Documents for the requested services. Proposer affirms that Proposer has carefully examined the location of the requested services and, from its own investigations, is satisfied as to the nature and location of the services, the character, quality, and the quantity of materials, the kind and extent of equipment and other facilities needed for the performance of the services, the general and local conditions and all difficulties that may be encountered, and all other items which may, in any way, affect the services or its performance.

The undersigned Proposer proposes, and agrees if this proposal is accepted, that it will contract with the Town to provide all necessary machinery, tools, software, labor, apparatus, and other means necessary to do all the services, and furnish all the materials and equipment specified or referred to in the RFP Documents in the manner and time herein prescribed, and according to the requirements of the Town as therein set forth.

Under provisions of Chapter 112, Florida Statutes, Proposer must disclose with proposal the name of any officer, director, or agent who is also an employee of the Town of Longboat Key. Proposer must disclose on an attachment (provided by Proposer) entitled "Submitted Bid Conflict of Interest" the name of any Town employee who owns, directly or indirectly, a five percent (5%) or more interest in the Proposer's firm or any of its branches, or in the firm of any subcontractor to this proposal. Absence of such an attachment represents Proposer's certification of no such employee.

Proposer acknowledges receipt of the following addenda issued during the solicitation period; the cost of which, if any, is included in proposal pricing. If an addendum is issued, the addendum acknowledgement below must be completed or the issued addendum must be signed and submitted with the proposal package at the time and due date of the proposal.

Addendum #_1_ Addendum Date: __11/5/2026____

Addendum #_____ Addendum Date: _____

Addendum #_____ Addendum Date: _____

Addendum #_____ Addendum Date: _____

The undersigned Proposer understands that the Town reserves the right to reject any or all proposals and to waive any informalities and minor irregularities in any proposal. The Proposer agrees that this proposal shall be good and may not be withdrawn for a period of one hundred twenty (120) days after the scheduled RFP opening.

Having carefully examined the RFP Documents, Proposer agrees to the terms contained therein and proposes to furnish all labor, material, and equipment for the entire services (including mobilization and demobilization, if applicable), and to execute an agreement for services and any and all bonds, insurance certifications, and other instruments or documents as specified or included in the RFP Documents and will completely perform the services in strict accordance with the terms of the RFP Documents.

The undersigned Proposer acknowledges that services to be performed shall conform to all Town codes and regulations. Services must be accomplished in a professional manner and meet all standards of any professional trade requiring a license and or permit.

(Authorized Signature)

Thomas D. Titsworth
(Printed name)

Name of Proposer: CHA Consulting, Inc.

Address: 2502 N Rocky Point Drive, Suite 145

City: Tampa State: FL Zip: 33607

Phone: (813) 549-0919

Email: BJones@chasolutions.com

Type of Organization:

_____Sole Proprietorship _____Partnership _____Non-Profit _____Sub-Chapter

_____Joint Venture __X__Corporation _____LLC _____LLP

_____Publicly Traded _____Employee Owned

State of Incorporation: New York

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ACKNOWLEDGEMENT OF FIRM, IF A CORPORATION

STATE OF New York COUNTY OF Albany

The foregoing instruments was acknowledged before me this

21st day of October, 2026 By: Thomas D. Titsworth
(Date) (Name of officer or agent, title of officer or agent)

On behalf of the corporation, pursuant to the powers conferred upon said officer or agent by the corporation. He/she personally appeared before me at the time of notarization and is personally known to me or has produced N/A (Known) as identification and did certify to have knowledge of the matters stated in the foregoing instrument and certified the same to be true in all respects.

Subscribed and sworn to (or affirmed) before me this 21st day of October, 2026

JONATHAN H. BARD
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 02BA0000673
Qualified in Dutchess County
Commission Expires February 3, 2027

(Official Notary Signature and Notary Seal) Commission Number: 02BA0000673

Jonathan H. Bard Commission expiration date: 2/3/2027
(Name of Notary typed, printed or stamped)

ACKNOWLEDGEMENT OF FIRM, IF A PARTNERSHIP

STATE OF _____ COUNTY OF _____

The foregoing instruments was acknowledged before me this

_____ By: _____
(Date) (Name of acknowledging partner or agent)

On behalf of the partnership, pursuant to the powers conferred upon said officer or agent by the corporation. He/she personally appeared before me at the time of notarization and is personally known to me or has produced _____ as identification and did certify to have knowledge of the matters stated in the foregoing instrument and certified the same to be true in all respects.

Subscribed and sworn to (or affirmed) before me this _____

_____ Commission Number: _____
(Official Notary Signature and Notary Seal)

_____ Commission expiration date: _____
(Name of Notary typed, printed or stamped)

ACKNOWLEDGEMENT OF FIRM, IF AN INDIVIDUAL

STATE OF _____ COUNTY OF _____

The foregoing instruments was acknowledged before me this

_____ By: _____
(Date) (Name acknowledging)

Who personally appeared before me at the time of notarization and is personally known to me or has produced _____ as identification and did certify to have knowledge of the matters stated in the foregoing instrument and certified the same to be true in all respects.

Subscribed and sworn to (or affirmed) before me this _____

_____ Commission Number: _____
(Official Notary Signature and Notary Seal)

_____ Commission expiration date: _____
(Name of Notary typed, printed or stamped)

PUBLIC ENTITY CRIMES FORM
(MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL)

SWORN STATEMENT UNDER SECTION 287.133(3)(A), FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to Town of Longboat Key
[print name of public entity]

by Thomas D. Titsworth, Assistant Secretary
[print individual's name and title]

For CHA Consulting, Inc.
[print name of entity submitting sworn statement]

whose business address is: 2502 N Rocky Point Drive, Suite 145

City, State and Zip Tampa, FL 33607

and (if applicable) its Federal Employer Identification Number (FEIN) is 16-0966259

(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: _____.)

2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

   1. A predecessor or successor of a person convicted of a public entity crime: or

   2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that a "person" as defined in Paragraph 287.133(1)I, Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies.)

__X__ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners,

shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

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

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

I UNDERSTAND THAT THE SUBMISSION OF THE FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN W HICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

By:_____
Signature of Authorized Representative

State of New York

County of Albany

The foregoing instrument was acknowledged before me this 21st day of October, 2026,

by Thomas D. Titsworth, who is personally known to me or has produced

N/A (Known), as identification and who did (did not) take an oath and who acknowledged

before me that he executed the same for the purposes therein expressed on behalf of said firm.

Notary Public: _____

My Commission Expires: 2/3/2027

JONATHAN H. BARD
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 02BA0000673
Qualified in Dutchess County
Commission Expires February 3, 2027

DRUG FREE WORKPLACE CERTIFICATION
(MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL)

In order to have a drug free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the action that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug free workplace, and available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contender to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this business complies fully with the above requirements.

PROPOSER: CHA Consulting, Inc.
Print Name of Entity

By: _____
Signature of Authorized Representative

Thomas D. Titsworth, Assistant Secretary
Printed Name and Title of Authorized Representative

10/21/2026
Date

Drug Free Workplace Certification, page 2 of 2

State of New York

County of Albany

The foregoing instrument was acknowledged before me this 21st day of October, 2026,

by Thomas D. Titsworth, who is personally known to me or has produced

N/A (Known), as identification and who did (did not) take an oath and who

acknowledged before me that he executed the same for the purposes therein expressed on behalf of said firm.

Notary Public: _____

My Commission Expires: 2/3/2027

JONATHAN H. BARD
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 02BA0000673
Qualified in Dutchess County
Commission Expires February 3, 2027

EQUAL EMPLOYMENT OPPORTUNITY
(MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL)

The Town of Longboat Key is an Equal Opportunity/Affirmative Action Employer.

Pursuant to Executive Order 11346 as amended, you are advised that under the provisions of government contracting, Contractors and Subcontractors are obliged to take affirmative action to provide equal employment opportunity without regard to race, creed, color, national origin, age or sex.

CERTIFICATION BY PROPOSED PRIME OR SUBCONTRACTOR
REGARDING EQUAL EMPLOYMENT OPPORTUNITY

This certification is authorized pursuant to Executive Order 11246, Part II, Section 203(b), (30 F. R. 12319-15). Any Proposer or prospective contractor, or any of the proposed subcontractors, shall state as an initial part of the bid or negotiations of the contract whether it has participated in any previous contract or subcontract to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicated that the prime or subcontractor has not filed a compliance report due under applicable instruction, such contractor shall be required to submit a compliance report.

PROPOSER: CHA Consulting, Inc.
Print Name of Entity

By: _____
Signature of Authorized Representative

1. Proposer has participated in a previous contract or subcontract, subject to the Equal Opportunity Clause:

YES___ NO_X__

2. Compliance Reports were required to be filed in connection with such contract or subcontract:

YES___ NO_X__

If YES, state what reports were filed and with what agency. _____

3. Proposer has filed all compliance reports due under applicable instructions:

YES___ NO_X__

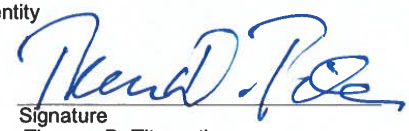
MINORITY BUSINESS STATEMENT OF GOOD FAITH EFFORTS
(MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL)

The Legislature finds that there is evidence of a systematic pattern of past and continuing racial discrimination against minority business enterprises and a disparity in the availability and use of minority business enterprises in the state procurement system. It is determined to be a compelling state interest to rectify such discrimination and disparity. Based upon statistical data profiling this discrimination, the Legislature has enacted race-conscious and gender-conscious remedial programs to ensure minority participation in the economic life of the state, in state contracts for the purchase of commodities and services, and in construction contracts. The purpose and intent of this section is to increase participation by minority business enterprises accomplished by encouraging the use of minority business enterprises and the entry of new and diversified minority business enterprises into the marketplace. (Section 287.09451, Florida Statutes)

The Proposer states that an endeavor to meet the minority business enterprise procurement goals under Section 287.09451, Florida Statutes for all Town projects as assigned will be met.

PROPOSER:

CHA Consulting, Inc.
Print or type name of entity

By: 
Signature
Thomas D. Titsworth
Print or type name
Assistant Secretary
Print or type title
Assistant Secretary
Date

HUMAN TRAFFICKING AFFIDAVIT - S. 787.06, FLORIDA STATUTES
(MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL)

Before me, the undersigned authority, personally appeared Thomas D. Titsworth, hereinafter referred to as the "Affiant," who after being duly sworn hereby swears or affirms as follows:

1. Affiant is over eighteen years of age. The following information is given from Affiant's own personal knowledge.

2. Affiant is an officer or representative of CHA Consulting, Inc., a non-governmental entity, hereinafter referred to as the "Entity." Affiant is authorized to provide this affidavit on behalf of the Entity.

3. Affiant hereby attests, under penalty of perjury, that the Entity does not use coercion for labor or services as defined in s.787.06, Florida Statutes.

FURTHER AFFIANT SAYETH NOT.

Signature of Affiant

By: Thomas D. Titsworth

For: CHA Consulting, Inc.

As its: Assistant Secretary

Dated: 10/21/2026

Sworn to (or affirmed) and subscribed before me by means of ☒ physical presence or ☐ online notarization, this 21st day of October, 2026, by Thomas D. Titsworth, on behalf of CHA Consulting, Inc., who is personally known to me or who has produced N/A (Known) as identification.

Print Name: Jonathan H. Bard
Notary Public of the State of ~~Florida~~ New York

My Commission Expires: 2/3/2027

JONATHAN H. BARD
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 02BA0000673
Qualified in Dutchess County
Commission Expires February 3, 2027

AFFIDAVIT OF COMPLIANCE WITH FOREIGN ENTITY LAWS
(MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL)

The undersigned, on behalf of the contractor listed below ("Entity"), hereby attests under penalty of perjury as follows:

1. Entity is not owned by the government of a foreign country of concern as defined in Section 287.138, Florida Statutes. (Source: § 287.138(2)(a), Florida Statutes)

2. The government of a foreign country of concern does not have a controlling interest in Entity. (Source: § 287.138(2)(b), Florida Statutes)

3. Entity is not organized under the laws of, and does not have a principal place of business in, a foreign country of concern. (Source: § 287.138(2)(c), Florida Statutes)

4. Entity is not owned or controlled by the government of a foreign country of concern, as defined in Section 692.201, Florida Statutes. (Source: § 288.007(2), Florida Statutes)

5. Entity is not a partnership, association, corporation, organization, or other combination or persons organized under the laws of or having its principal place of business in a foreign country of concern, as defined in Section 692.201, Florida Statutes, or a subsidiary of such entity. (Source:§ 288.007(2), Florida Statutes)

6. Entity is not a foreign principal, as defined in Section 692.201, Florida Statutes. (Source: § 692.202(5)(a)(1), Florida Statutes)

7. Entity is in compliance with all applicable requirements of Sections 692.202, 692.203, and 692.204, Florida Statutes.

8. (Only applicable if purchasing real property) Entity is not a foreign principal prohibited from purchasing the subject real property. Entity is either (a) not a person or entity described in Section 692.204(1)(a), Florida Statutes, or (b) authorized under Section 692.204(2), Florida Statutes, to purchase the subject property. Entity is in compliance with the requirements of Section 692.204, Florida Statutes. (Source: §§ 692.203(6)(a), 692.204(6)(a), Florida Statutes)

9. The undersigned is authorized to execute this affidavit on behalf of the Entity.

Date: October 21, 2026 Signature: _____

Entity: CHA Consulting, Inc. Name: Thomas D. Titsworth

Title: Assistant Secretary

State of New York, County of Albany

The foregoing instrument was acknowledged before me this 21st day of October 2026 who is personally known to me or as produced as identification and who did (did not) take an oath and who acknowledge before me that he executed the same for the purposes therein expressed on behalf of said corporation.

NOTARY PUBLIC: _____

Typed Name: Jonathan H. Bard

Commission Expires: 2/3/2027

JONATHAN H. BARD
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 02BA0000673
Qualified in Dutchess County
Commission Expires February 3, 2027

Form **W-9**
(Rev. March 2024)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Go to *www.irs.gov/FormW9* for instructions and the latest information.

Give form to the requester. Do not send to the IRS.

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See *Specific Instructions* on page 3.

1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.)

CHA Consulting, Inc.

2 Business name/disregarded entity name, if different from above.

3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor ☒ C corporation ☐ S corporation ☐ Partnership ☐ Trust/estate

☐ LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) . . . . .

Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner.

☐ 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 Foreign Account Tax Compliance Act (FATCA) reporting code (if any)

(Applies to accounts maintained outside the United States.)

3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions . . . . . ☐

5 Address (number, street, and apt. or suite no.). See instructions.

3 Winners Circle

Requester's name and address (optional)

6 City, state, and ZIP code

Albany, NY 12205-1161

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. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

			-		-				

or

Employer identification number

1	6	-	0	9	6	6	2	5	9

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.

Sign Here | **Signature of U.S. person** Doug Nelson | **Date** 1/7/26

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*.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

Cat. No. 10231X

Form **W-9** (Rev. 3-2024)

TOWN OF
LONGBOAT KEY

Kari L. Kennedy, CPPB
Procurement Manager
Procurement Division
501 Bay Isles Road
Longboat Key, Florida 34228
kkennedy@longboatkey.org

RFP 27-004 LONGBOAT KEY VILLAGE PHASE 4 DRAINAGE IMPROVEMENTS – DESIGN AND PERMITTING

ADDENDUM #1

Subject: REVISED BID SUBMITTAL DUE DATE; QUESTIONS AND ANSWERS

Date: November 5, 2026

ALL CONSULTANTS MUST ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY SIGNING BELOW AND SUBMITTING THIS EXECUTED DOCUMENT WITH THE PROPOSAL.

Consultants are hereby notified that this Addendum shall become part of the submitted proposal and the subsequent documents, if applicable.

The following items are issued to add to, modify, and clarify the RFP and all associated documents. Proposals shall conform to the additions and revisions listed herein. These items shall have full force and effect as the RFP and all associated documents.

Consultants Name: CHA Consulting, Inc.

Address: 2502 N. Rocky Point Drive, Suite 145, Tampa, FL 33607

Phone : (813) 549-0919

Email: BJones@chasolutions.com

Authorized Signature: _____

Printed Authorized Name: Thomas D. Titsworth, Assistant Secretary

PREPARED FOR:

Town of Longboat Key
Procurement Division
501 Bay Isles Road
Longboat Key, Florida 34228

FOR MORE INFORMATION, PLEASE CONTACT:

Barton Jones, PE
Client Service Manager
T: (608) 469-6994
E: bjones@chasolutions.com



