

Florida Technical Consultants, LLC 2240 Woolbright Rd. Suite 400 Boynton Beach, FL 33426 Tel (954) 914-8488 James Barton P.E., President jbarton@fltechinc.com www.fltechinc.com



City of Madeira Beach

Request for Information RFI No. 25-09

For

Engineering Consultant and Design Services

Capabilities:

Geographic Information Systems Programming Mapping/GIS/Asset Management

Submitted by:

Florida Technical Consultants LLC

Due Date:

May 14th, 2025

Submitted to:

City of Madeira Beach 300 Municipal Beach Madeira Beach, FL 33708 Tel: (727) 391-9951



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City of Madeira Beach 300 Municipal Drive Madeira Beach, FL 33708 Tel: (727) 391-9951

Re: Request for Information RFI No. 25-09 for Engineering Consultant and Design Services - Capabilities: Geographic Information Systems Programming and Mapping/GIS/Asset Management

To Whom It May Concern:

Florida Technical Consultants, LLC (FTC) is pleased to provide this Statement of Qualifications in response to your Request for Information RFI No. 25-09. FTC is a Civil Engineering and Land Use Planning consulting firm offering specialized GIS (Geographic Information Systems) consulting services to governmental agencies and private companies in Palm Beach and the surrounding counties in Central and South Florida.

The Civil Engineering consulting services offered by FTC focus on the computerized mapping, modeling, inspection, and asset management of water, sewer, reclaimed and storm water utility systems utilizing GIS (Geographic Information Systems) computer software. FTC also offers land use planning services that are primarily focused on the computerized mapping, digital transformation, land planning processes, and plan and regulation development in local governments using advanced GIS software. These services include permit and site plan review, planning report writing, zoning and landscape inspections, preparation of review documents and reports, participation in staff meetings, and creating presentation graphics for public meetings. In addition, FTC can also provide clients with a wide range of additional GIS services covering many municipal and private business applications. FTC is an ESRI Silver Business Partner with an ArcGIS Online Specialty and has completed large GIS based utility projects with Cooper City, Boynton Beach Utilities, South Martin Regional Utilities, the Solid Waste Authority of Palm Beach County, and the Coral Springs Improvement District.

As the President of FTC, I have been a licensed and practicing Professional Engineer in the South Florida region continuously for the past 20 years. I am the firm's primary contact and am authorized to make representations for and enter contracts on behalf of FTC. I believe the information presented in this Statement of Qualifications will demonstrate to you in detail the scope of the GIS consulting services we offer. Please feel free to contact me at your convenience if you have any questions or if you require additional information.

Sincerely,

James Barton, P.E. President Florida Technical Consultants LLC

2240 Woolbright Rd. Suite 400, Boynton Beach, FL 33426

Tel: (954) 914-8488, Email: jbarton@fltechinc.com



Florida Technical Consultants, LLC (FTC) is a Civil Engineering and Land Use Planning consulting firm offering specialized GIS (Geographic Information Systems) consulting services to governmental agencies and private companies in Palm Beach and the surrounding counties in Central and South Florida. FTC has been in business since January 2014 and is set up as a Limited Liability Company (LLC) under the state of Florida. The firm maintains a current status on the Engineering Business Registry under the Florida Department of Business & Professional Regulation (DBPR) and has obtained pre-qualification as a Professional Consultant under Florida's CCNA (Consultants Competitive Negotiation Act) for many municipalities and government agencies in Florida. These include Pembroke Pines, Cooper City, Deerfield Beach, Marathon, Miami Gardens, Hollywood, and North Miami Beach. FTC has also obtained SBE/CBE certifications for Palm Beach County, the City of West Palm Beach, Broward County and SFWMD. FTC's main office is located at 2240 Woolbright Rd. Suite 400, Boynton Beach, FL 33426.

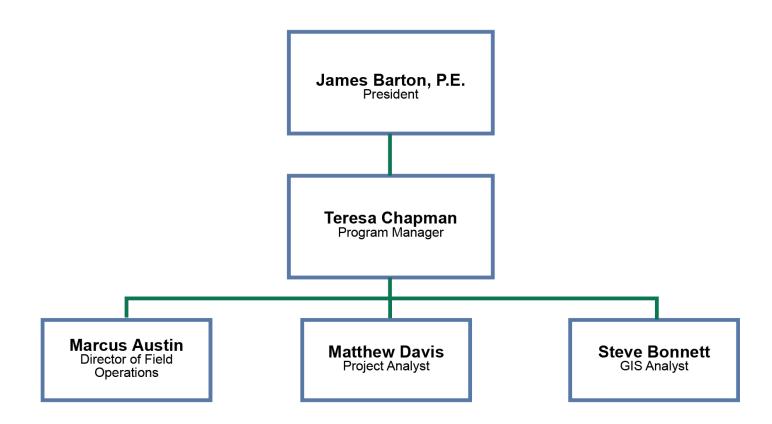
The Civil Engineering consulting services offered by FTC are primarily focused on the computerized mapping, modeling, inspection and asset management of municipal utility and infrastructure systems utilizing the GIS computer software. These systems include potable water systems, gravity sewer systems, sewer force mains, reclaimed water systems, storm water systems and various other municipal infrastructure. FTC also provides low resolution engineering services for project design, construction, and inspection for these same systems which are based on these GIS applications along with a wide range of additional GIS services covering many municipal and private business applications. FTC is an ESRI Silver Business Partner with an ArcGIS Online Specialty and has completed large GIS based utility projects with Cooper City, Boynton Beach Utilities, South Martin Regional Utilities, the Solid Waste Authority of Palm Beach County, and the Coral Springs Improvement District in South Florida.

FTC's land use planning services are primarily focused on the computerized mapping, digital transformation, land planning processes, and plan and regulation development in local governments using advanced GIS software. These services include permit and site plan review, planning report writing, zoning and landscape inspections, preparation of review documents and reports, participation in staff meetings, and creating presentation graphics for public meetings. FTC also provides comprehensive planning services for digital zoning and 3D mapping, smart cities, census demographic analysis, sustainable development, and community engagement based on these GIS applications. As an ESRI Silver Business Partner with an ArcGIS Online Specialty, FTC has completed multiple GIS-based planning projects with Cooper City, Village of Palm Springs, City of Marathon, Riviera Beach Development Services, the Solid Waste Authority of Palm Beach County, and Nassau County in Florida.

FTC always strives to become part of the client's "team" which maximizes the use of the client's existing resources and provides a seamless integration of the GIS projects. FTC brings to the table a highly skilled team which includes a Florida licensed Professional Engineer and trained GIS Specialists along with support staff to fulfill and support the requirements of all of its clients. FTC trusts that you will find that it has the capabilities and expertise to provide you with the GIS based Civil Engineering consulting services that you require.



The following organization chart along with resumes show the proposed principal FTC staff with their individual qualifications, who will perform work as required if the firm is awarded a contract.







James Barton, P.E. President

Professional Summary

James is the primary project contact for FTC and provides all project management functions, program development, GIS utility data build and on-site training. His background experience covers all program components with 20 years experience in engineering design and project management of water, sanitation and stormwater programs. These include water resources, infrastructure, rehabilitation, GIS implementation, environmental engineering, utilities and road construction. James has routinely integrated GIS technology with engineering, developing software tools to assist in system modeling, design, and construction administration. Since becoming an ESRI authorized GIS Trainer in 2003, he has provided training to over 75 students in various organizations and disciplines. His specialty is training for people specializing in utilities, public works and engineering as well as providing training for people with fire, police and city and county administrations.

Education

B.Sc. Civil Engineering, Queen's University, Kingston, Ontario, Canada - 1990

Professional Experience

- President/Principal Engineer Florida Technical Consultants, Boynton Beach, FL 2014 to present (10 years)
- Senior Engineer Chen Moore & Associates, Ft. Lauderdale, FL 2001 to 2014 (13 years)
- Water Engineer CARE Canada/Unicef/US AID, Mozambique and Angola, Africa 1991 to 2001 (9 years)

Registration - Professional Engineer, State of Florida, 2003 (#59257)

Affiliations

- American Society of Civil Engineers (ASCE)
- American Water Works Association (AWWA)
- Florida Engineering Society (FES)
- Urban and Regional Information Systems Association (URISA)

Certifications

- ESRI Authorized GIS Trainer
- LEED Accredited Professional





Teresa Chapman Program Manager

Professional Summary

Teresa has over 8 years of engineering and GIS implementation experience. In her capacity as Program Manager with FTC, she has utilized GIS in real-world engineering situations to improve informational management and decision support for both clients and their engineers. Teresa supports the data collection, tracking and analysis functions of her team for multiple municipalities and has performed utility design, permitting, bidding assistance and construction administration services throughout her career. She also has experience in water resources, sanitary sewer systems, infrastructure rehabilitation, and road construction and continues to expand her knowledge base.

Education

B.Sc. Ocean Engineering, Florida Atlantic University, Boca Raton, FL - 2010

Professional Experience

- Program Manager Florida Technical Consultants, Boynton Beach, FL 2019 to present (5 years)
- Associate Engineer Chen Moore & Associates, West Palm Beach, FL 2013 to 2018 (5 years)

Affiliations

- American Society of Civil Engineers (ASCE)
- American Water Works Association (AWWA)
- Florida Engineering Society (FES)
- International Propeller Club of the United States
- Palm Beach Countywide GIS Forum

Certifications

- InfoWater Training Certificate
- Stormwater Management Inspector
- MOT





Matthew Davis, AICP Project GIS Analyst

Professional Summary

Matt is certified by AICP as a Certified Planner and has a proven track record in developing and implementing GIS policies, open data software, advanced analysis systems, and architecture deployment of digital content. He's highly adept at delivering innovative initiatives, conducting site visits, providing predictive analysis, and executing improvement strategies focused on quality and consistency. Matt is skilled in monitoring budgets and drafting funding, resourcing, and status reports and he's considered an expert in leading, training, and empowering technical teams. Matt has been instrumental in building productive relationships with clients, technologists, businesses, and stakeholders. He brings to the table a strong background in Fast, Agile, Urban design processes, and technology implementation.

Education

PhD in Public Policy - National Security Studies, Liberty University, Lynchburg, VA - 2028 (est) M.E. Engineering Management, University of Colorado, Boulder, CO - 2024 (est) B.Arts, McMaster University, Hamilton, Ontario - 2018 Certificate in Visualizing Data, NYU Stern School of Business, New York, NY - 2020 Post Graduate Certificate in GIS, Fanshawe College, London, Ontario - 2011 Diploma in GIS and Urban Planning, Fanshawe College, London, Ontario - 2007

Professional Experience

- Project AICP/GIS Analyst Florida Technical Consultants, Boynton Beach, FL 2022 to present (2 years)
- Strategic Innovation Officer City of Hallandale Beach, FL 2019 to 2022 (3 years)
- **GIS Coordinator** City of Lake Worth, Lake Worth, FL 2018 to 2019 (2 years)
- Senior GIS Technologist Haldimand County, Cayuga, Ontario 2010 to 2018 (8 years)

Affiliations

- Urban and Reg. Information Syst. Assoc.
- U.S. Geospatial Intelligence Foundation
- Atlantic Assoc. of Geomatics and Planning
- American Planning Assoc. (AICP)
- Congress for the New Urbanism (CNU-A)
- Canadian Assoc. of Certified Planning Technicians (CPT)
- Canadian Institute of Planners (MCIP-I)





Professional Summary

Marcus is an expert in utility infrastructure having managed construction programs for several municipalities worth over \$100 million during the last 25 years. He uses GIS to manage construction and assess the condition of infrastructure. Marcus's primary focus is working with field teams to grow the use of GIS in the organization. He is a result-oriented leader with extensive experience in collaborative planning, development and delivery of strategic projects and services through teams and organizations. Marcus has a proven ability to manage large, complex teams and projects delivering timely, cost-effective and high-quality results. He can initiate change and cross-functional process improvements and recommendations to facilitate efficient work-flow.

Marcus Austin, GC Director of Field Operations

Education

A. Sc. Civil Engineering, Hudson Valley Community College, Troy, NY - 1987

Professional Experience

- Director of Field Operations Florida Technical Consultants, Boynton Beach, FL 2017 to present (7 years)
- Director of Construction Chen Moore & Associates, Ft. Lauderdale, FL 2002 to 2017 (15 years)
- Project Manager Craven Thompson & Associates, Ft. Lauderdale, FL 1992 to 2001 (9 years)
- Project Manager / Designer The Anderson Group, Albany, NY 1989 to 1992 (3 years)

Registration - General Contractor's License #1506546, State of Florida, 2003





Steve Bonnett GIS Analyst

Professional Summary

Steve served as GIS Manager at Broward County Water/Wastewater Services for over 17 years. He was educated as an engineer but transitioned to GIS approximately 24 years ago. He oversaw the day-to-day GIS operations for the Utility. He guided the GIS from old ArcInfo coverages to a current high availability enterprise GIS. He managed an Oracle SDE geodatabase with a geometric network. He managed a staff of four individuals who were highly educated and experienced. His skills include Enterprise GIS, SDE geodatabases, geometric networks, AutoCAD, and various ESRI software extensions. Prior to coming to the County, he was the GIS manager for a town in Oregon for three years.

Education

Florida Atlantic University – GIS

Oregon State University – Engineering

Linn-Benton Community College – Civil Engineering Technology - Drafting

Professional Experience

- GIS Analyst Florida Technical Consultants, Boynton Beach, FL 2019 to present (5 years)
- GIS Manager- Broward County Water/Wastewater Services, Pompano Beach, FL 2012 to - 2019 (7 years)

Certifications

• GISP - 2013

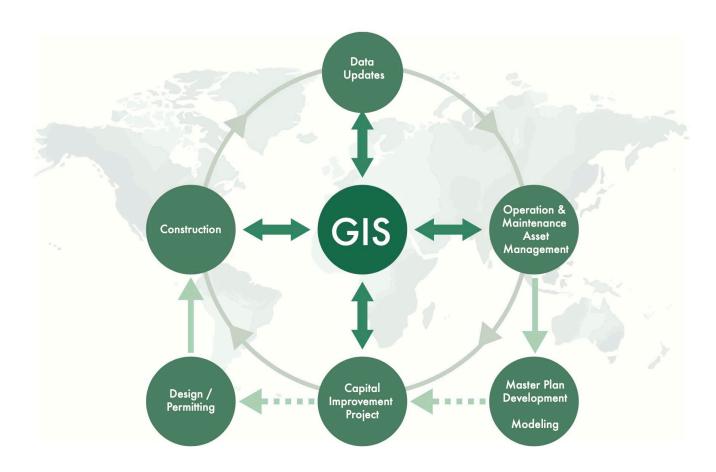


Services Approach

The primary focus of FTC is in providing comprehensive Civil Engineering and Land Planning consulting firm offering specialized consulting services utilizing GIS in the following areas:

- Computerized Land Planning using advanced GIS software
- Utility Operations, Maintenance and Asset Management
- · Master Planning, Modeling and Engineering Studies
- Post Hurricane and Disaster Recovery Damage Assessment
- Capital Improvement Project Development
- Engineering Data Development and Updating
- Engineering Design and Permitting
- Construction Inspection Services

The following graphic and accompanying descriptions show the services FTC offers, the methodology behind these services, and how GIS data is central to the management of assets and information within municipal utilities and engineering departments.





Computerized Land Planning using advanced GIS software

FTC's planning services are primarily focused on the computerized mapping, digital transformation, land planning processes, and plan and regulation development in local governments using advanced GIS software. These services include permit and site plan review, planning report writing, zoning and landscape inspections, preparation of review documents and reports, participation in staff meetings, and creating presentation graphics for public meetings. FTC also provides comprehensive planning services for digital zoning and 3D mapping, smart cities, census demographic analysis, sustainable development, and community engagement based on these GIS applications.

<u>Utility Operations, Maintenance and Asset Management</u>

FTC can effectively implement GIS tools and develop GIS applications to provide essential support to all types of utility projects' field operations. Since the field staff are so critical to operations, FTC focuses on developing the capacity and capabilities of these teams. Some of the specific areas where FTC can develop and implement GIS applications are as follows:

- Water System operations tracking including valve turning, hydrant replacement, meter replacement, water testing, and outage management.
- Sanitary System lift station condition assessments, gravity main lining projects and blockages/ overflow monitoring.
- Stormwater flood areas mapping, 3-D surface modeling and NPDES tracking.
- Public Works management including asphalt condition analysis, sidewalk planning and maintenance, and ADA management.
- Utility map inventory
- As Built access from mobile devices.
- Treatment Plant facilities mapping.
- Public parks and community rating system applications.

Master Planning. Modeling and Engineering Studies

GIS data is now the standard platform for managing engineering data for master planning, modeling and other types of engineering studies. FTC is very experienced at GIS based planning and modeling software for water, sewer and stormwater applications with additional types of system analysis being available using the GIS software's built-in tools. FTC can assemble these different GIS tools into a common platform which provides a robust program management capability. FTC can create Dashboards which provide real time tracking of programs and project status. These allow Utility managers and field staff to review system analytics and intuitively gather information about the system being monitored. This information can then be used for planning purposes as well as permitting and regulatory reporting requirements.



Post Hurricane and Disaster Recovery Damage Assessment

FTC has also worked extensively with the Federal Emergency Management Agency's (FEMA) Substantial Damage Estimator (SOE) tool and has integrated this tool with GIS to carry out hurricane damage assessments and plan recovery operations in the Florida Keys. Utilizing GIS along with FEMA's SOE tool is an effective way of reporting substantial damage information. The system links assessor's tax parcel numbers, address information, aerial four-dimensional photos (both pre- and post-disaster) and permit information. It gives the advantage of using the software in the field and communicating interactively with people in the office.

<u>Capital Improvement Project Development</u>

The end result of the data analysis carried out for Master Planning and Engineering Studies are recommendations for system improvements by way of Capital Improvement Projects (CIPs). FTC can provide a very data driven platform utilizing GIS which can be applied to identify utility problem areas, map their locations, perform site research with field staff and develop recommendations for Capital Improvement Projects. Once developed, FTC can then utilize GIS for tracking of these Capital Improvement Projects as well as provide overall budget management through GIS dashboards. The benefits of a GIS based CIP platform over a paper based report is that the GIS platform can be updated on an ongoing basis as projects progress and as new challenges arise.

Engineering Data Development and Updating

The FTC process for data development starts with evaluating and loading the data into the GIS system. Data sources include existing digital data, as-built drawings, wall maps and staff knowledge of the system. Corrections are then made based on high resolution aerials. Where there are still questions, field teams are mobilized to collect data directly from the field. FTC can create inspection tools and apps which field staff can then utilize on mobile devices to directly update and confirm the data in question. Having reliable data for utility systems saves money in design, construction, and maintenance. It also streamlines the utility response times to outages and repair issues.

Engineering Design and Permitting

FTC's staff have been using a GIS based design approach for over 20 years and can apply the GIS platform to all components of the design cycle including:

- Site Investigation
- Report Preparation
- Project Planning
- Design



Services Approach

- Preparation of plans, specifications, and contract documents
- Permit Preparation
- Preparations of schedules, bid awards and evaluations

Having good utility data is crucial for Engineering Design. It allows consultants to collaborate with management and make better decisions. The status of engineering projects can also be included in the CIP tracking program. Information from preliminary designs, surveys, and test holes can be brought into GIS to improve the base data. FTC uses an integrated approach for all projects which avoids duplication of effort and ensures that data changes are not lost in the plans and that the data is set up for GIS migration at the end of construction.

Construction Inspection Services

FTC offers Construction Inspection services which utilize the GIS platform to ensure the timely completion of the project and minimize resident issues. FTC knows that for any project to be successful the goals of the project need to be met, the construction process needs to be smooth and of the highest quality, resident issues are addressed and the contractor makes a profit. FTC's Construction Inspection services include understanding the project by reviewing plans and permits, inspecting affected utilities, performing site reviews and carrying out pre-construction meetings with residents. During construction FTC will monitor field operations and track progress as well as providing periodic updates to key stakeholders and residents. At the project's completion FTC will close out the project quickly and effectively and will facilitate the updating of the construction data into the GIS system. FTC has completed very large, complicated projects with great success using GIS to facilitate the construction process.



Quality of the work and the proposal plan are maintained throughout every project by strict adherence to commonly accepted professional standards for GIS work. The FTC staff as noted in the organizational chart are responsible for checking and verifying their individual work with the firm's President and Program Manager providing the final check to confirm all work is top quality. FTC always strives to become part of the client's "team" which maximizes the use of the client's existing resources and provides a seamless integration of the GIS projects. FTC brings to the table a highly skilled team which includes a Florida licensed Professional Engineer and trained GIS Specialists along with support staff to fulfill and support the requirements of all of its clients. FTC trusts that you will find that it has the capabilities and expertise to provide you with the GIS based Civil Engineering consulting services that you require.

FTC currently employs 11 full time Engineers and GIS Specialists to carry out the firm's workload of the GIS based consulting projects. FTC also has a large number of small clients due to the nature of the GIS consulting services which FTC provides. Most of the projects which FTC works on are ongoing projects which update yearly as municipal budgets are generated. FTC's workload is certainly substantial, however any projects initiated for the City of Madeira Beach would be given the highest priority in particular during the start up phase. In the event FTC's workload surpassed current levels, new staff would be brought on board to handle this additional work. FTC does not usually employ subcontractors nor is this anticipated to change.



A sampling of some of the major projects completed by FTC which demonstrate its experience and expertise is as follows:

Riviera Beach Development Services

Address: 600 West Blue Heron Boulevard, Riviera Beach, FL 33404

Phone: (561) 845-4185, Mobile: (561) 385-2336

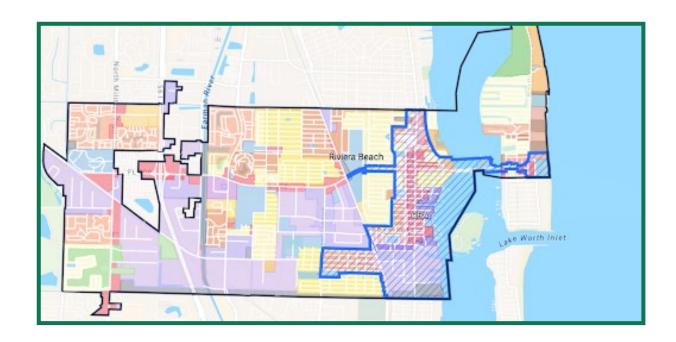
Email: mrtlow@tighelow.com

Contact Person: Michael R.T. Low CEng MIChem, Executive Director Utilities

Project Dates: May 2022 to present

Contract Award Value: \$148,620

Project Summary: FTC provides cloud-hosted GIS solutions for Riviera Beach Development Services, enhancing decision support for planning staff. We facilitate plan submittals through ease of access to planning documentation and legislation. Our support enables planning staff to improve efficiency with 24/7 access to comprehensive planning and zoning digital data. Additionally, we provide direct links to external sources, such as Municode, using advanced technology, streamlining the planning process and ensuring accurate, up-to-date information is readily available.





Cooper City Utility Department

Address: 11791 SW 49th St., Cooper City, Florida 33330

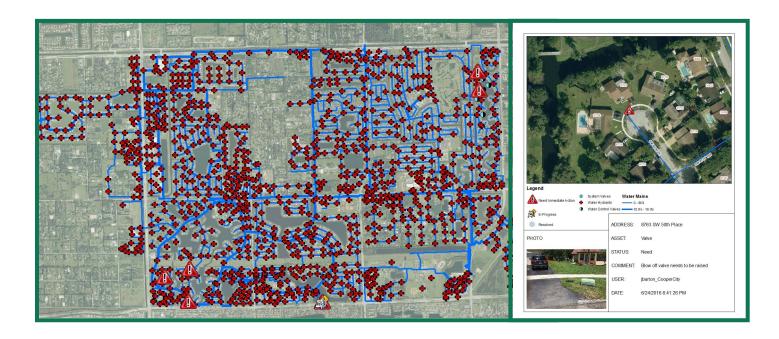
Phone: 954-434-5519

Email: rverma@coopercityfl.org
Contact Person: Raj Verma, Utilities Director

Project Dates: Oct. 2014 to present

Contract Award Value: \$200,000.00

Project Summary: This is a large and ongoing project in which FTC converted Cooper City's entire CAD Atlas to GIS. The systems included are water, sewer and drainage. In addition, FTC has set up geometric networks which were run for valve isolation and capacity analysis. Other activities included coordinating hydrant labels for the Fire Department and tracking the progress of the contractor who was responsible for the ongoing valve turning contract. Online ArcGIS applications were also developed, and Cooper City's Utilities' staff was trained to update and verify features as well as track emergency utility repairs.





City of Marathon Planning Department

Address: 9805 Overseas Highway, Marathon, Florida 33050

Phone: 305-703-0033

Email: garrettg@ci.marathon.fl.us

Contact Person: George Garrett, City Manager

Project Dates: Sept. 2017 - Dec. 2017

Contract Award Value: \$100,000.00

Project Summary: FTC provides technical planning support for the City of Marathon by managing comprehensive plan documents and environmental overlays. We digitize zoning and future land use documents, maintaining an accurate and up-to-date inventory based on commission approvals. This information is business-critical for site plan reviews, zoning verification, and effective communication with the public. Our services ensure that all planning materials are current and reflect the latest decisions, facilitating informed and effective municipal planning and development





South Martin Regional Utility (SMRU)

Address: 9000 SE Athena St, Hobe Sound, FL 33455

Phone: 772-545-0171

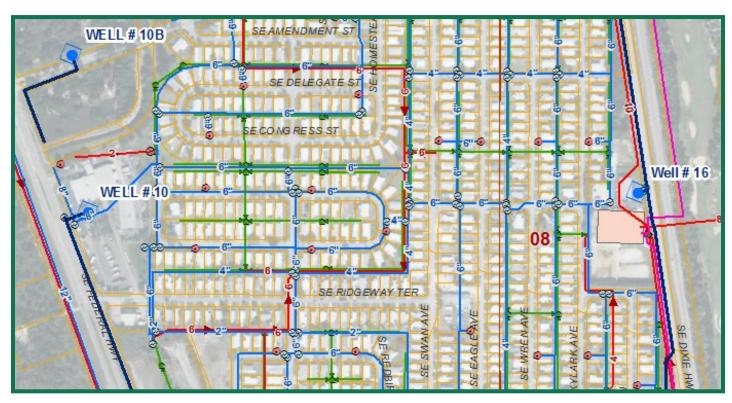
Email: dthomas@tji.martin.fl.us

Contact Person: Dave Thomas, Operations Manager

Project Dates: May 2015 to present

Contract Award Value: \$115,000.00

Project Summary: For this project FTC converted the client's entire utility Atlas to GIS which included both water and sewer systems. The process was complicated by the fact that some of the existing CAD parcel data was incorrect which in cases necessitated field verification. To facilitate this field verification FTC developed mobile apps in ArcGIS in order to validate the data in the field.





City of Westlake

Address: 4001 Seminole Pratt Whitney Road, Westlake, FL 33470

Phone: (561) 530- 5880

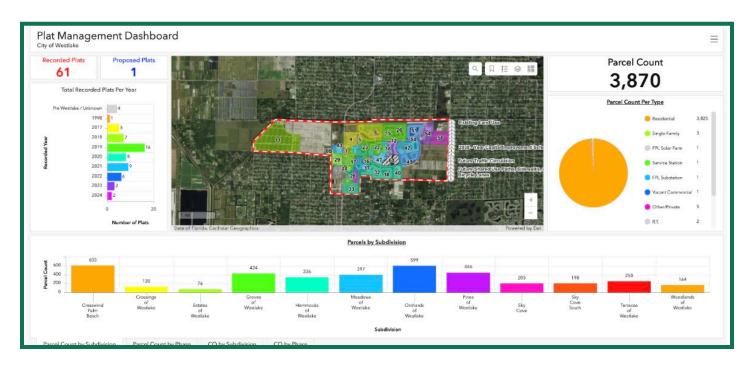
Email: ken.cassel@inframark.com

Contact Person: Ken Cassel

Project Dates: January 2019 to Present

Contract Award Value: Ongoing contract for \$80,000 / year

Project Summary: FTC provides a broad range of planning support to Westlake's fast growing city. We provide the city with all of their addressing and maintain their addressing database, sharing this data with the county and property appraiser. Working with Westlake's Building Department and Developers we create and maintain interactive applications and dashboards to view up to date parcel and plat information for the city. We provide the city with tax roll support through interactive dashboards as well as data verification with our data being updated before the county and property appraiser. FTC manages and maintains all of Westlake's GIS data, providing almost real time updates. Alongside planning support, FTC provides comprehensive support for the Seminole Improvement District and manages all GIS for utilities..





Coral Springs Improvement District (CSID)

Address: 10300 NW 11th Manor, Coral Springs, FL 33071

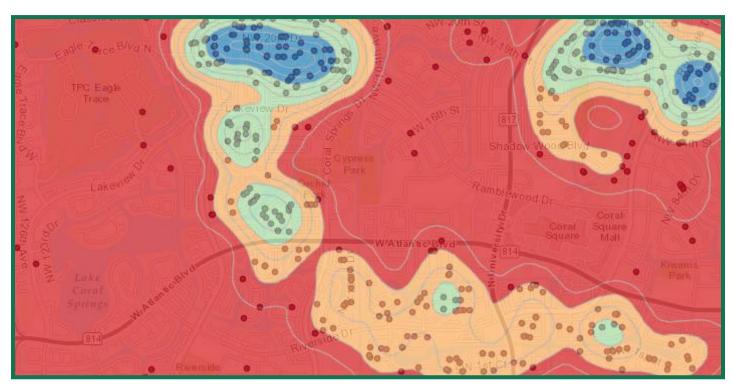
Phone: 954-753-0380 Email: joes@csidfl.org

Contact Person: Joe Stephens, Utilities Director

Project Dates: Oct. 2015 to present

Contract Award Value: \$40,000.00

Project Summary: FTC provided the client with data setup services and training so that the client's staff was able to collect and input their data directly into their GIS program. In addition, FTC's services included mapping of water main breaks with a density analysis being carried out to prioritize replacement. Also, staff was trained in the use of ArcGIS for both field and desktop applications.





City of Dania Beach Community Development Department

Address: 100 W Dania Beach Boulevard, Dania Beach, FL 33004

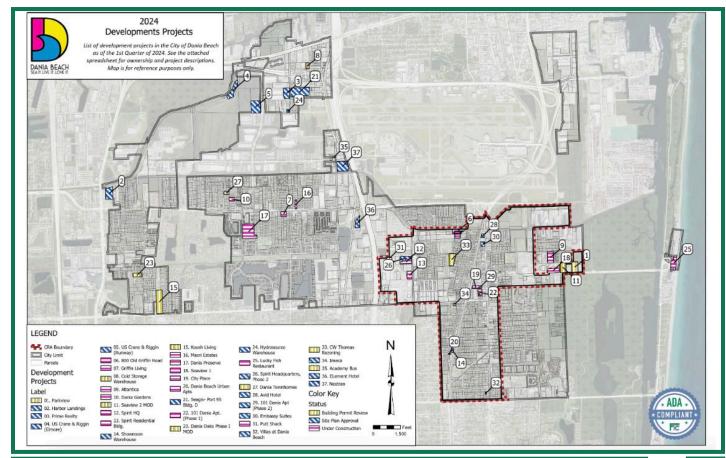
Phone: (954) 924-6805 ext. 3645 Email: enorena@daniabeachfl.gov

Contact Person: Eleanor Norena

Project Dates: January 2022 to present

Contract Award Value: Ongoing contract for \$80,000 / year

Project Summary: FTC has worked with Dania Beach to support all of the city's GIS needs. We provide the City of Dania Beach with updates to their current zoning, future land use and code compliance maps as well as updates to the city boundary including annexations and de-annexations whenever requested by the city. We regularly provide the city with site maps for their city council meetings including but not limited to zoning or future land use changes, variances and ordinances. We maintain the city's current Development Projects map, which recently won the FPZA Innovation – Technology award for ADA Compliance. FTC provides and maintains public facing applications such as the Current Development Project StoryMap that includes project images and descriptions for construction currently underway in Dania Beach.





City of Boynton Beach Utilities Department

Address: 124 E. Woolbright Rd., Boynton Beach, FL 33435

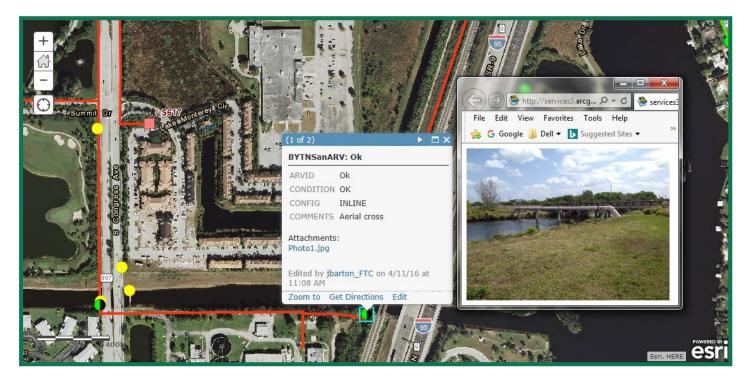
Phone: 561-742-6427 Email: bryantw@bbfl.us

Contact Person: Waneya Bryant, Manager of Asset Management Systems

Project Dates: Dec. 2016 to present

Contract Award Value: \$150,000.00

Project Summary: FTC created a GIS data set to support modeling of the potable water, sanitary sewer, reclaimed water and stormwater systems. Several sources of existing data were merged and topologically cleaned for snapping and node creation. Elevations were extracted and used to populate nodes. In addition, ArcGIS applications were developed and the client's staff were trained to inventory and field verify the various systems' features.





Town of Palm Beach Shores

Address: 247 Edwards Lane, Palm Beach Shores, FL 33404

Phone: 561-844-3457

Email: awelch@pbstownhall.org

Contact Person: Alan Welch, Public Works Director

Project Dates: Sept. 2014 to present

Contract Award Value: \$50,000.00

Project Summary: FTC was the Town Engineer supporting many initiatives focused on stormwater improvements. The first was an engineering project installing 42 inch stormwater pipes along East Ocean Ave., removing a system bottleneck and eliminating a serious flooding issue. FTC then inventoried and created GIS data for all Town infrastructure. This data was used to create Storm Water Master Plan components and support a Vulnerability Assessment for future grants.





City of North Miami

Address: 776 NE 125 Street North Miami, FL 33161

Phone: 305-895-9831

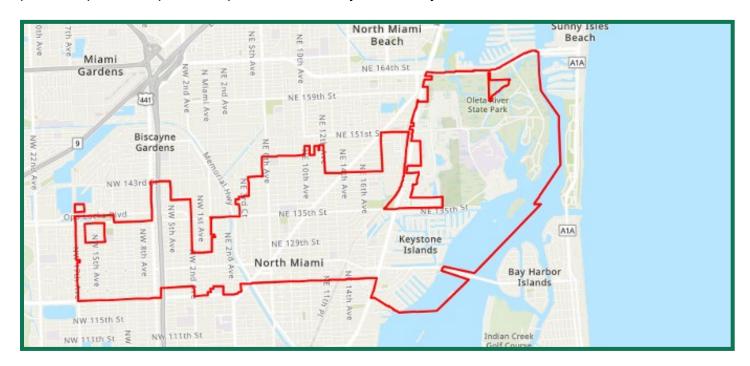
Email: pwisler@northmiamifl.gov

Contact Person: Wisler Pierre-Louis, Public Works Director

Project Dates: Nov. 2022 to present

Contract Award Value: \$25,000.00

Project Summary: Florida Technical Consultants (FTC) embarked on a rigorous GIS and Cityworks Assessment for the City of North Miami. The assessment dove into the intricacies of core datasets, their applications, and an extensive review of the technology infrastructure. Further, FTC recognized potential process inefficiencies, investigated opportunities for GIS enterprise expansion, and analyzed emerging industry trends including adoption of ArcGIS Pro. Emphasis was also placed on optimizing communication strategies and enhancing user analytics. Concluding the project, the City will receive a technical memo from FTC, capturing essential findings and actionable recommendations, with all pertinent platform updates implemented directly on the City's infrastructure.





Insurance Requirements

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	BOYNTON BEACH		FL 33426	INSURER F:				
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TH	HIS IS TO CERTIFY THAT THE POLICIES OF II	NSUR	ANCE LISTED BELOW HAVE BEEN		RED NAMED A	BOVE FOR THE POLICY PER		
CI	IDICATED. NOTWITHSTANDING ANY REQUIR	NN, TH	HE INSURANCE AFFORDED BY TH	E POLICIES DESCRIBE	D HEREIN IS S			
SR FR	XCLUSIONS AND CONDITIONS OF SUCH POI	ADDL	SUBR	POLICY EFF	POLICY EXP			
R	COMMERCIAL GENERAL LIABILITY	INSD	WVD POLICY NUMBER	(MM/DD/YYYY)	(MM/DD/YYYY)	LIMIT	s 2,000	000
						DAMAGE TO RENTED	1 000	
A	CLAIMS-MADE OCCUR					PREMISES (Ea occurrence)	40.00	
			6021699408	10/25/2024	10/25/2025	MED EXP (Any one person)	2 000 000	
			0021000400	10/23/2024	10/20/2020	PERSONAL & ADV INJURY	4.000.000	
	POLICY PROJECT LOC					PRODUCTS - COMP/OP AGG	\$ 4,000,000	
	OTHER: AUTOMOBILE LIABILITY					COMBINED SINGLE LIMIT	\$ 1,000	000
	ANYAUTO					(Ea accident) BODILY INJURY (Per person)	\$ 1,000,000	
	ANTAGIO					BODILY INJURY (Per accident)		
B	OWNED SCHEDULED		6025101036	02/24/2025	02/24/2026		s	
3	AUTOS ONLY AUTOS NON-OWNED		6025101036	02/24/2025	02/24/2026	PROPERTY DAMAGE	\$	
В	AUTOS ONLY AUTOS		6025101036	02/24/2025	02/24/2026		\$	
3	AUTOS ONLY HIRED AUTOS ONLY AUTOS ONLY AUTOS ONLY		6025101036	02/24/2025	02/24/2026	PROPERTY DAMAGE (Per accident)	\$	
	AUTOS ONLY HIRED AUTOS ONLY AUTOS ONLY WIMBRELLA LIAB WOCCUR		6025101036 7092541083	02/24/2025	02/24/2026	PROPERTY DAMAGE (Per accident) EACH OCCURRENCE	\$ \$	
	AUTOS ONLY HIRED AUTOS ONLY AUTOS ONLY WHIRED AUTOS ONLY AUTOS ONLY OCCUR EXCESS LIAB CLAIMS-MADE					PROPERTY DAMAGE (Per accident)	\$ \$ \$ \$	
	AUTOS ONLY HIRED AUTOS ONLY AUTOS ONC-OWNED AUTOS ONLY AUTOS ONC-OWNED AUTO					PROPERTY DAMAGE (Per accident) EACH OCCURRENCE AGGREGATE	\$ \$	
Α	AUTOS ONLY HIRED AUTOS ONLY AUTOS ONLY WIMBRELLA LIAB EXCESS LIAB DED RETENTION \$ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N		7092541083	10/25/2024	10/25/2025	PROPERTY DAMAGE (Per accident) EACH OCCURRENCE AGGREGATE PER STATUTE OTH- ER	\$ \$ \$ \$ \$	0,000
Α	AUTOS ONLY HIRED AUTOS ONLY AUTOS ONLY WIMBRELLA LIAB EXCESS LIAB DED RETENTION \$ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?	N/A				PROPERTY DAMAGE (Per accident) EACH OCCURRENCE AGGREGATE PER STATUTE EL. EACH ACCIDENT	\$ \$ \$ \$	
Α	AUTOS ONLY HIRED AUTOS ONLY AUTOS ONLY WHERELA LIAB EXCESS LIAB DED RETENTION \$ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) I ves describe under	N/A	7092541083	10/25/2024	10/25/2025	PROPERTY DAMAGE (Per accident) EACH OCCURRENCE AGGREGATE PER STATUTE E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$,000
Α	AUTOS ONLY HIRED AUTOS ONLY AUTOS	N/A	7092541083	10/25/2024	10/25/2025	PROPERTY DAMAGE (Per accident) EACH OCCURRENCE AGGREGATE PER STATUTE EL. EACH ACCIDENT	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0,000
A B	AUTOS ONLY HIRED AUTOS ONLY AUTOS ONLY WHERELA LIAB EXCESS LIAB DED RETENTION \$ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) I ves describe under	N/A	7092541083	10/25/2024	10/25/2025	PROPERTY DAMAGE (Per accident) EACH OCCURRENCE AGGREGATE PER STATUTE E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0,000

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ACORD 25 (2016/03)

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FL 33426

Boynton Beach



Insurance Requirements

Ref#		Description Coverage Code Cyber Insurance-BCS Insurance Co-Effective 7/16/2024-07/16/2025				Coverage Code	Form No.	Edition Date
_ imit 1 1,000,0	000	Limit 2	Limit 3	Deductible Amount 2,500	Deduc	ctible Type	Premium	
Ref#	Descript BAIL	ion				Coverage Code BAIL	Form No.	Edition Date
L imit 1 1,000		Limit 2	Limit 3	Deductible Amount	Deduc	ctible Type	Premium	'
Ref#	Descript	ion				Coverage Code	Form No.	Edition Date
Limit 1		Limit 2	Limit 3	Deductible Amount 10,000	Deduc	ctible Type	Premium	
Ref#	Descript	ion				Coverage Code	Form No.	Edition Date
Limit 1		Limit 2	Limit 3	Deductible Amount	Deduc	ctible Type	Premium	
Ref#	Descript	ion				Coverage Code	Form No.	Edition Date
Limit 1		Limit 2	Limit 3	Deductible Amount	Deduc	tible Type	Premium	
Ref#	Descript	ion				Coverage Code	Form No.	Edition Date
Limit 1		Limit 2	Limit 3	Deductible Amount	Deduc	tible Type	Premium	
Ref#	Descript	ion	•	·		Coverage Code	Form No.	Edition Date
Limit 1		Limit 2	Limit 3	Deductible Amount	Deduc	ctible Type	Premium	
Ref#	Descript	ion				Coverage Code	Form No.	Edition Date
Limit 1		Limit 2	Limit 3	Deductible Amount	Deduc	tible Type	Premium	
Ref#	Descript	ion	•	·		Coverage Code	Form No.	Edition Date
Limit 1		Limit 2	Limit 3	Deductible Amount	Deduc	tible Type	Premium	
Ref#	Descript	ion	·	•	•	Coverage Code	Form No.	Edition Date
Limit 1	<u> </u>	Limit 2	Limit 3	Deductible Amount	Deduc	tible Type	Premium	
Ref#	Descript	ion	,	•		Coverage Code	Form No.	Edition Date
Limit 1	<u> </u>	Limit 2	Limit 3	Deductible Amount	Deduc	tible Type	Premium	I



Corporate Registration

State of Florida Department of State

I certify from the records of this office that FLORIDA TECHNICAL CONSULTANTS, LLC is a limited liability company organized under the laws of the State of Florida, filed on January 21, 2014.

The document number of this limited liability company is L14000011037.

I further certify that said limited liability company has paid all fees due this office through December 31, 2025, that its most recent annual report was filed on January 8, 2025, and that its status is active.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Eighth day of January, 2025



Secretary of State

Tracking Number: 4999097715CC

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

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

Matthew Davis AICP Certification



James Barton Engineering License



DBPR Engineering Business Registry





Certificate of Qualifications



Certified Business Entity (CBE) Certification



West Palm Beach Small Business Certification



Florida Technical Consultants LLC - www.fltechinc.com

South Florida Water Management District SBE



Palm Beach County SBE Certification

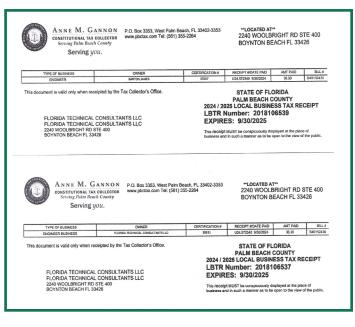




Boynton Beach - Business Tax Receipt



PBC - Business Tax Receipt



Coral Springs Tax Receipt



Broward County Tax Receipt

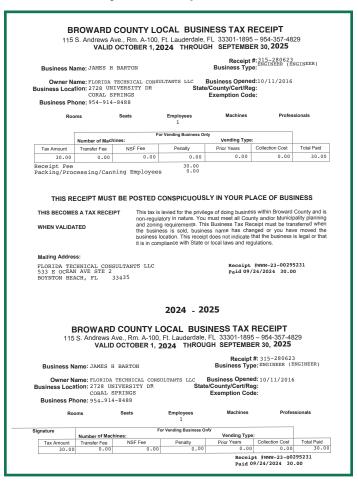




EXHIBIT A

PUBLIC CONTRACTING AND ENVIRONMENTAL CRIMES CERTIFICATION

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

This sworn statement is submitted to the CITY OF MADEIRA BEACH by James Barton[print individual's name and title]

President

for_Florida Technical Consultants, LLC [print name of entity submitting sworn statement]

whose business address is: 2240 Woolbright Road, Suite 400, Boynton Beach, FL 33426

and Federal Employer Identification Number (FEIN) is <u>47-1886339</u>, if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement:

I understand that no person or entity shall be awarded or receive a City contract for public improvements, procurement of goods or services (including professional services) or a City lease, franchise, concession or management agreement, or shall receive a grant of City monies unless such person or entity has submitted a written certification to the City that it has not:

- (1) been convicted of bribery or attempting to bribe a public officer or employee of the City, the State of Florida, or any other public entity, including, but not limited to the Government of the United States, any state, or any local government authority in the United States, in that officer's or employee's official capacity; or
- (2) been convicted of an agreement or collusion among bidders or prospective bidders in restraint of freedom of competition, by agreement to bid a fixed price, or otherwise; or
- (3) been convicted of a violation of an environmental law that, in the sole opinion of the City's Project Manager, reflects negatively upon the ability of the person or entity to conduct business in a responsible manner; or
- (4) made an admission of guilt of such conduct described in items (1), (2) or (3) above, which is a matter of record, but has not been prosecuted for such conduct, or has made an admission of guilt of such conduct, which is a matter of record, pursuant to formal prosecution. An admission of guilt shall be construed to include a plea of *nolo contendere*; or
- (5) where an officer, official, agent or employee of a business entity has been convicted of or has admitted guilt to any of the crimes set forth above on behalf of such and entity and pursuant to the direction or authorization of an official thereof (including the person committing the offense, if

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Attachments

he is an official of the business entity), the business shall be chargeable with the conduct herein above set forth. A business entity shall be chargeable with the conduct of an affiliated entity, whether wholly owned, partially owned, or one which has common ownership or a common Board of Directors. For purposes of this Form, business entities are affiliated if, directly or indirectly, one business entity controls or has the power to control another business entity, or if an individual or group of individuals controls or has the power to control both entities. Indicia of control shall include, without limitation, interlocking management or ownership, identity of interests among family members, shared organization of a business entity following the ineligibility of a business entity under this Article, or using substantially the same management, ownership or principles as the ineligible entity.

Any person or entity who claims that this Article is inapplicable to him/her/it because a conviction or judgment has been reversed by a court of competent jurisdiction, shall prove the same with documentation satisfactory to the City Manager. Upon presentation of such satisfactory proof, the person or entity shall be allowed to contract with the City.

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CITY IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT ANY CONTRACT OR BUSINESS TRANSACTION SHALL PROVIDE FOR SUSPENSION OF PAYMENTS, OR TERMINATION, OR BOTH, IF THE CONTRACTING OFFICER OR THE CITY ADMINISTRATOR DETERMINES THAT SUCH PERSON OR ENTITY HAS MADE FALSE CERTIFICATION.

Signatory Requirement. In the case of a corporation, this affidavit shall be executed by the corporate president. In the case of a partnership, this affidavit shall be executed by the general partner(s). In the case of a business entity other than a partnership or a corporation, this affidavit shall be executed by an authorized agent of the entity or the individual

[Signatute] James Barton, P.E., President

NOTARY PUBLIC	
STATE OF FLORIDA	
CITY OF Boynton Beach	
Swom to and subscribed before me this _5th_day of _May_, 2025	by .
Personally known QR Produced identification	
My commiss	sion expires
Notary Public Signature	JUDITH A. CLARK Notary Public-State of Florida
Print type or stamp Commissioned name of Notary Public	Commission # HH 565628 My Commission Expires July 22, 2026

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EXHIBIT B

DRUG FREE WORKPLACE CERTIFICATION.

SWORN STATEMENT ON DRUG FREE WORKPLACES

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

This sworn statement is submitted to the City of Madeira Beach by James Barton, P.E., President

[print individual's name and title]

James Barton, P.E., President for Florida Technical Consultants. LLC

[print name of entity submitting sworn statement]

whose business address is: 2240 Woolbright Road, Suite 400, Boynton Beach, FL 33426 and (if applicable) its Federal Employer Identification Number (FEIN) is 47-1886339 has no FEIN, include the Social Security Number of the individual signing this sworn statement:

I understand that no person or entity shall be awarded or receive a City contract for public improvements, procurement of goods or services (including professional services) or a City lease, franchise, concession, or management agreement, or shall receive a grant of City monies unless such person or entity has submitted a written certification to the City that it will provide a drug free workplace by:

Providing a written statement to each employee notifying such employee that the unlawful manufacture. distribution, dispensation, possession, or use of a controlled substance as defined by §893.02(4), Florida Statutes, as the same may be amended from time to time, in the person's or entity's workplace is prohibited specifying the actions that will be taken against employees for violation of such prohibition. Such written statement shall inform employees about:

- (i) the dangers of drug abuse in the workplace.
- (ii) the person's or entity's policy of maintaining a drug-free environment at all its workplaces, including but not limited to all locations where employees perform any task relating to any portion of such contract, business transaction or grant.
- (iii) any available drug counseling, rehabilitation, and employee assistance programs; and
- (iv) the penalties that may be imposed upon employees for drug abuse violations.
- Requiring the employee to sign a copy of such written statement to acknowledge his or her receipt of same and advice as to the specifics of such policy. Such person or entity shall retain the statements signed by its employees. Such person or entity shall also post in a prominent place at all of its workplaces a written statement of its policy containing the foregoing elements (i) through (iv).
- Notifying the employee in the statement required by subsection (1) that as a condition of employment the employee will:
 - (i) abide by the terms of the statement; and
 - (ii) notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such a conviction.

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Attachments

- Notifying the City within ten (10) days after receiving notice under subsection (3) from an employee or otherwise receiving actual notice of such conviction.
- Imposing appropriate personnel action against such employee up to and including termination; or requiring such employee to satisfactorily participate in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency.
- Making a good faith effort to continue to maintain a drug free workplace through implementation of sections (1) through (5) stated above.

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CITY OF MADEIRA BEACH IS

VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT ANY CONTRACT OR BUSINESS TRANSACTION SHALL PROVIDE FOR SUSPENSION OF PAYMENTS, OR TERMINATION, OR BOTH, IF THE CITY DETERMINES THAT:

- Such person or entity has made false certification. (1)
- (2)Such person or entity violates such certification by failing to carry out the requirements of sections (1), (2), (3), (4), (5), or (6) or subsection 3-101(7)(B); or
- (3)Such a number of employees of such person or entity have been convicted of violations occurring in the workplace as to indicate that such person or entity has failed to make a good faith effort to provide a drug free workplace as required by subsection 3-101(7)(B).

Signatory Requirement. In the case of a corporation, this affidavit shall be executed by the corporate president. In the case of a partnership, this affidavit shall be executed by the general partner(s). In the case of a business entity other than a partnership or a corporation, this affidavit shall be executed by an authorized agent of the cutity or the individual.

> James Barton, P.E. Signature: Title: President Company: Florida Technical Consultants, LLC NOTARY PUBLIC

STATE OF FLORIDA

CITY OF Boynton Beach

Sworn to and subscribed before me this 5th day of

May

2025

James Barton, P.E., LEEP AP, President

who is

personally known to me

OR Produced identification

[type of identification]

My commission expires

Notary Public Signature

[Print, type or stamp Commissioned name of Notary Public]

JUDITH A. CLARK Notary Public-State of Florida Commission # HH 565628 My Commission Expires July 22, 2028

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May 2, 2025

ADDENDUM #1

DETAILS & BID OPENING TO THE DRAWINGS AND SPECIFICATIONS

PROJECT: RFI 25-09 Engineers and Consultants

PREPARED FOR: THE CITY OF MADEIRA BEACH, FLORIDA

PREPARED BY:

Megan Wepfer, City of Madeira Beach

ADDENDUM #

DETAILS

1. I am emailing to see if you would consider an extension on this opportunity. Received 5-2-25

a. The Submittal date has been moved to May 14th at 3:00 PM

James Barton, P.E., LEED AP President

May 2, 2025