

City of Port. St Lucie

Professional Design Engineering Continuing Services

E-RFP 20230087 | American Consulting Engineers of Florida, LLC | September 29, 2023

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Tab 1

Firms Qualifications

September 29, 2023



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City of Port St. Lucie
India Barr, Procurement Contracting Officer
Procurement Management Department
121 SW Port St. Lucie Boulevard
Port St. Lucie, FL 34984-5099

RE: Professional Design Engineering Continuing Services E-RFP #20230087

Dear Selection Committee Members:

American Consulting Engineers of Florida, LLC (**American**), is thrilled to submit our proposal to the City of Port St. Lucie (City) for the Professional Design Engineering Continuing Services contract.

Our proposal identifies the professionals who will be undertaking the effort, our understanding of the scope along with the issues involved in this effort, our approach to resolving these issues, and how we will expeditiously complete the production of the required documents. Our team's approach will also focus on how we can save the City money and identify innovative ideas that will provide additional value for any task assignment.

Our team, led by Jaime Celler, PE, has been involved with more than 14 projects for the City of Port St. Lucie in the last seven years. Jaime serves as the project manager for our current professional design engineering continuing services contract, Port St. Lucie Boulevard reconstruction, and Floresta projects and has unparalleled knowledge of the Port St. Lucie community.

There is a saying, "when all is said and done, more is usually said than done." Our plan is to deliver more than expected to the City through these projects. We hope you will take into account our demonstrated ability to deliver timely, quality products to the City over the last 20 years while evaluating our approach and commitment as outlined in this proposal.

Sincerely,

A handwritten signature in blue ink that reads 'E. Gayle Grady'.

American Consulting Engineers of Florida, LLC

E. Gayle Grady, PE, Principal-in-Charge

Consultant/Responsible Office

American Consulting Engineers of Florida, LLC
2041 Vista Parkway, Suite 101
West Palm Beach, Florida 33411
P: 561.253.9550

Contact

Jaime Celler, PE | Project Manager
P: 561.253.9566
E: JCeller@acp-fl.com

American is a limited liability company and formed as an organization on May 30, 2002.

Our management committee members are shown below:

Scott M. Korpi, PE, SE

2818 Cypress Ridge Blvd., Suite 200, Wesley Chapel, FL 33544

E. Gayle Grady, PE

2818 Cypress Ridge Blvd., Suite 200, Wesley Chapel, FL 33544

Jeffrey S. Novotny, PE, AICP

2818 Cypress Ridge Blvd., Suite 200, Wesley Chapel, FL 33544

Since its inception in 1987, American's presence in Florida has evolved over two decades. American is a multi-discipline consulting firm with a wide range of experience, from transportation design and planning to environmental services. With offices strategically placed throughout the state and other locations around the country, our main expertise and past experiences are in public transportation consulting, ranging from civil engineering design and planning to construction engineering and inspection. Our clientele ranges from cities and counties to state transportation departments at both the statewide level and at regional district offices; we also have some private development clients. American has completed projects ranging from minor planning studies costing several thousand dollars to multi-million dollar complex interstate projects. Since 2002, we have completed a wide range of projects for the City of Port St. Lucie, including planning studies, traffic studies, park design, brick pavement rehabilitation, and utility improvements.

We recently joined forces with Consor Engineers, LLC and have expanded our footprint in Florida, including expanding our resources to more than 1,500 employees in the US and Canada. Our strength lies in thoughtful planning, innovative design, and quality construction of transportation facilities that improve the communities in which we live. With a resolute commitment to public service, we are proud to note that 98% of our portfolio is comprised of public transportation projects, emphasizing our dedication to collaborating with public agencies to enhance our communities.

American offers the City of Port St. Lucie the capabilities of a large, full-service firm, yet we remain small enough to know the value of our clients and afford them high priority, low cost and genuine, individualized commitment. Our professionals are strongly rooted in the Florida communities we serve. Our commitment to providing innovative solutions, technical competence, and professional integrity is the core of our business. American has a broad spectrum of professionals in transportation, structural, civil, stormwater management, drainage design, PD&E studies, survey, construction engineering inspection (CEI), right-of-way (ROW), utility design, and transit planning. More than 65 professionals with a deep bench of nation-wide experts offer expertise and engineering support capabilities in all areas required in the RFP and other areas as needed.

We are currently under contract and involved with 10 miscellaneous services contracts. It is because of our dedication and demand for excellence that American continues to grow and succeed.

American has all of the facilities, equipment, software, and resources necessary in-house to complete all required professional engineering services for this contract. We use a full range of computer and CADD systems to enhance the quality and efficiency of research reports, studies, design, and planning assignments.

AMERICAN'S PRINCIPAL TYPES OF SERVICES

Stormwater Management

- Drainage improvement/flood control
- Pipe conveyance
- Ditch or open channel conveyance
- Box culvert conveyance
- Attenuation systems
- System planning
- Inlet/outlet/bypass/miscellaneous structures

Transportation Facilities

- Multi-lane rural highways
- Multi-lane urban arterial highways
- Limited access facilities
- City roads
- City streets
- Innovative intersection designs

Bridge Facilities

- Complex, major, and minor bridge design
- Complex, major, and minor bridge rehabilitation
- Bridge inspections
- Major waterway crossings
- Interchange structures
- Rating analysis
- Foundation studies and design
- Retaining wall analysis and design

Traffic Design

- Traffic signal system design
- Sign and signal inventories
- Lighting design

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

Professional Design Engineering Continuing Services (City of Port St. Lucie, Florida)

2. PUBLIC NOTICE DATE

September 8, 2023

3. SOLICITATION OR PROJECT NUMBER

E-RFP 20230087

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Jaime Celler, PE | Project Manager

5. NAME OF FIRM

American Consulting Engineers of Florida, LLC

6. TELEPHONE NUMBER

561.253.9566

7. FAX NUMBER

561.253.9551

8. E-MAIL ADDRESS

JCeller@acp-fl.com

C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors)

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCONTRACTOR			
a.	<input checked="" type="checkbox"/>			American Consulting Engineers of Florida, LLC <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	2041 Vista Parkway Suite 101 West Palm Beach, FL 33411	Project management, roadway, S&PM, lighting, signals, drainage, traffic
b.	<input checked="" type="checkbox"/>			American Consulting Engineers of Florida, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	2818 Cypress Ridge Boulevard Suite 200 Wesley Chapel, FL 33544	Quality assurance, structures, traffic, S&PM, lighting, signals
b.	<input checked="" type="checkbox"/>			American Consulting Engineers of Florida, LLC <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	243 N Hamilton Street Dalton, GA 30720	Environmental services
b.			<input checked="" type="checkbox"/>	Andersen Andre Consulting Engineers, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	834 SW Swan Avenue Port St. Lucie, Florida 34983	Geotechnical services
c.			<input checked="" type="checkbox"/>	Bowman Consulting Group, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	301 SE Ocean Boulevard Suite 301 Stuart, Florida 34994	Survey and SUE
d.			<input checked="" type="checkbox"/>	Coteleur & Hearing Landscape Architecture, LLC <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1934 Commerce Lane Suite 1 Jupiter, Florida 33458	Landscape Architecture
e.			<input checked="" type="checkbox"/>	Culpepper & Terpening, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	2980 South 25 th Street Fort Pierce, Florida 34981	Survey and Utilities

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)

ORGANIZATIONAL CHART

Professional Design Engineering Continuing Services

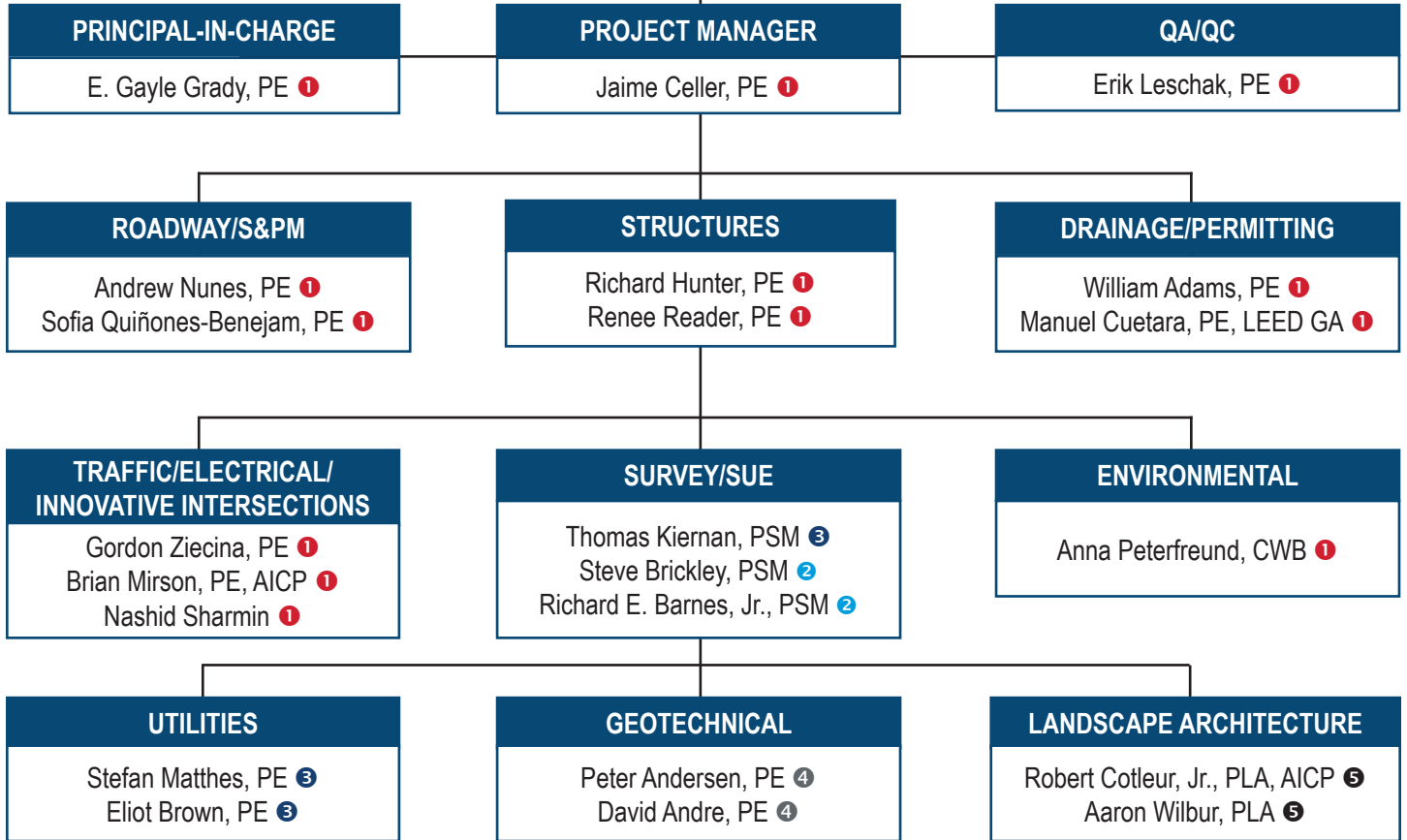
CITY OF PORT ST. LUCIE | E-RFP 20230087



a consor company



**CITY OF PORT ST. LUCIE
PROJECT MANAGER**



LEGEND	
①	American Consulting Engineers of Florida, LLC
②	Bowman Consulting Group, Inc.
③	Culpepper & Terpening, Inc.
④	Andersen Andre Consulting Engineers, Inc.
⑤	Cotleur & Hearing Landscape Architecture, LLC


E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Jaime Celler, PE	Project Manager	15	13

15. FIRM NAME AND LOCATION (City and State)
American Consulting Engineers of Florida, LLC, West Palm Beach, Florida

16. EDUCATION (Degree and Specialization) BS, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FL PE No. 82194
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)



Mr. Celler has more than 15 years of experience managing roadway design projects. His experience includes highway design, utility coordination, specifications, plans review, and leading several projects for the City of Port St. Lucie and FDOT District Four. He uses his engineering experience to provide cost-effective design solutions with the overall goal of improving safety and mobility for the traveling public. He is Advanced Maintenance of Traffic (MOT) certified and trained in FDOT specification package preparation, MicroStation/Geopak, OpenRoads Designer, and 3D modeling.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
FDOT District Four: Port St. Lucie Boulevard from Paar Drive to Darwin Boulevard St. Lucie County, Florida	Ongoing	Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
a. Project Manager/Lead Roadway Engineer. This project involves final design services to reconstruct Port St. Lucie Boulevard from Paar Drive to Darwin Boulevard from two to four lanes, approximately 1.9 miles. The project will satisfy projected traffic demands, enhance corridor safety, and improve evacuation capacities. Major work includes roadway reconstruction, drainage improvements, and permitting. Additional tasks include survey and mapping, traffic/signalization, lighting, geotechnical, public involvement, utility coordination, environmental, and landscape design. Fee: \$2,501,137		
City of Port St. Lucie: Floresta Drive Phase II Reconstruction, Port St. Lucie Florida	2022	Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
b. Project Manager/EOR. American provided design services for widening the existing two-lane undivided Floresta Drive to a two-lane divided roadway with 7-ft. bike lanes, primarily within the existing 80-ft. ROW, including property acquisition for ponds and U-turn bulb-outs. The location of the project is within the City of Port St. Lucie, from the Elckam waterway to Crosstown Parkway. SYNCHRO was used to analyze the alternatives and coordinate signals. The project also included lighting improvements and signalization upgrades at Thornhill Drive. Additionally, American produced a 3D animated fly through with a narrative that effectively outlined the concepts of the proposed roadway improvement and changes. Fee: \$1,632,019		
FDOT District Four: SR-15/E. Main Street from Annona Street to SR-700/Conners Highway Palm Beach County, Florida	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
c. Project Manager/EOR. This is a 3.4-mile RRR project along SR-15. This two-lane undivided roadway is an SIS facility, and improvements to this section of SR-15 include implementing appropriate safety report improvements, milling and resurfacing the existing shoulders and rutted asphalt pavement, filling in sidewalk gaps, lighting upgrades at two mid-block crossings, temporary traffic control, signing and pavement marking plans, public involvement, and utility coordination. Ongoing local coordination is underway with the City of Pahokee, Palm Beach TPA, Palm Tran, Palm Beach County School Board, and local businesses. Fee: \$812,435		
City of Port St. Lucie: Boulevard from SW Darwin Boulevard to SW Gatlin Boulevard, Port St. Lucie, Florida	2020	Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
d. Lead Roadway Engineer. This project involves final design services to reconstruct Port St. Lucie Boulevard from SW Darwin Boulevard to SW Gatlin Boulevard, approximately 0.6 miles. The existing four-lane divided roadway utilizes an open swale drainage system. The proposed roadway section will be fully "urban" with curb and gutter, sidewalks, bike lanes, landscaping, irrigation, and roadway lighting. It will match the section currently under design by FDOT, south of SW Darwin Boulevard. It is anticipated that at least portions of SW Port St. Lucie Boulevard will require full reconstruction. Fee: \$721,988		


E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
E. Gayle Grady, PE	Principal-in-Charge	32	6

15. FIRM NAME AND LOCATION (City and State)
American Consulting Engineers of Florida, LLC, Wesley Chapel, Florida

16. EDUCATION (Degree and Specialization) 17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
BS, Civil Engineering and Construction Management FL PE No. 52800; MI PE No. 6201070441

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



Ms. Grady specializes in heavy civil transportation construction, design-build transportation, and alternate delivery and contract administration. She is credited with successfully completing complex, multi-disciplinary projects while maintaining positive stakeholder relationships. She is an analytical professional skilled in successfully planning and implementing effective project pursuits to develop new business and managing project execution strategies to ensure on-time and budget completion. Ms. Grady is a collaborative communicator continually focused on building and leading top-performing teams and promoting cooperation among project stakeholders to drive positive change and comprehensive business approaches for enhanced profitability.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
FDOT District Seven: I-75 (SR 93) at Overpass Road Interchange Design-Build, Pasco County, Florida	2022	2023

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

Design-Build Director. American was the prime designer on this design-build project for a new interchange along I-75 at Overpass Road from Old Pasco Road to Boyette Road. The reconstruction of Overpass Road and the new I-75 interchange will alleviate congestion at the adjacent SR 54 interchange, improve regional mobility, and support the significant growth in central Pasco County.

a. This project was funded by Pasco County with management by FDOT District 7. The project features a flyover ramp bridge for the westbound to southbound movement. There are two new bridges along Overpass Road over I-75. The project reconstructed Overpass Road from a two-lane rural roadway to a four-lane urban divided roadway with sidewalk and bicycle lanes in both directions of travel. The project also provided new mast arm traffic signals along Overpass Road at Old Pasco Road, at the west interchange intersection, at the east interchange intersection, and at Boyette Road. A closed drainage system was developed with both on-site and off-site ponds and permitting through SWFWMD. Utility relocations and improvements for Pasco County sanitary and water lines were included in the scope of work. The construction of this project was completed in January 2023. **Construction Cost: \$63,996,999**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
FDOT District Seven: SR 679 (Pinellas Bayway) Structure E over Intracoastal Waterway Design-Build, St. Petersburg, Florida	2020	2022

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

Design-Build Director. The purpose of this two-mile project is to improve a vital connection and hurricane evacuation route for the community of Tierra Verde and visitors to Fort De Soto Park. The existing low-level bascule bridge is being replaced with a 17-span 2,583-ft. long high-level PPC I beam bridge over the intracoastal waterway. The PPC beams are supported on CIP concrete hammerhead piers supported on 24-in. square PPC piles driven to 575 tons of nominal bearing resistance. The water piers are designed for up to 50 tons of scour and an elevation as deep as -50 ft. below sea level. A minimum of 100 ft. of horizontal clearance and up to nearly 80 ft. of vertical clearance is provided. With ship impact loads of up to 2495k, the superstructure is made continuous over the piers adjacent to the intracoastal waterway navigation channel. The width of the new bridge is 66 ft. 9 in. and includes two 12-ft. lanes, two 10-ft. shoulders and a 12-ft. and 5-ft. barrier separated pedestrian trail and sidewalk, respectively. **Construction Cost: \$57,031,637**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
FDOT District Seven: SR 54, CR 577 (Curley Road) to CR 579 (Morris Bridge Road), Pasco County, Florida	2018	Ongoing

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

Constructability Reviewer. American designed the widening of SR 54 from Curley Road to Morris Bridge Road within Wesley Chapel, a distance of 4.7 miles. Three typical sections were utilized in the design: a six-lane urban, a four-lane suburban expandable to a six-lane urban, and a four-lane urban section. The proposed ROWs ranged from 142 to 166 ft. Additional improvements included a sidewalk, joint-use path along the entire corridor, bicycle lanes, traffic signals, and utility improvements. Extensive coordination with numerous major developments along the corridor was required. Additionally, ROW and TCEs were required from more than 30 parcels. An advance to ROW reevaluation was prepared and approved on January 11, 2013, and an advance to construction reevaluation was prepared and approved on July 25, 2016. **Construction Cost: \$6,579,051**

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Erik Leschak, PE	QA/QC Manager	25	25

15. FIRM NAME AND LOCATION *(City and State)*

American Consulting Engineers of Florida, LLC, Wesley Chapel, Florida


16. EDUCATION *(Degree and Specialization)*

BS, Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*

FL PE No. 63874

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



Mr. Leschak specializes in roadway, utility, traffic, and transportation projects. His experience includes managing both simple and complex roadway design projects, coordinating multiple design disciplines during the overall design process, such as structures, signals, signing and pavement marking, utilities, and providing quality assurance/quality control for projects. Mr. Leschak is trained in LRE/AASHTOWARE and has completed the FDOT Advanced MOT refresher course.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
Pasco County: General Professional Engineering and Consulting Services, Florida	2021	Ongoing

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

Project Manager. American is serving as the miscellaneous engineering consultant for Pasco County. Some of the tasks assigned under this contract include:

- a. • Ridge Road/Congress Street at Regency Park Drive
- Starkey Boulevard at Alico Pass Roundabout
- SR 54 at US 41 Operational Improvements
- CR 579 from S of SR 54 to N of SR 54
- Curley Road and Overpass Road Intersection
- Eiland Boulevard and Northern Summertree Plaza Intersection

Fee: \$1,500,000

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
Pasco County: CR 579 from South of SR 54 to North of SR 54, Pasco County, Florida	2019	Ongoing

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

Project Manager. Under the General Professional Engineering and Consulting Services contract, responsible for widening CR 579 from a two to a four-lane arterial from south of SR 54 to north of SR 54. The proposed typical section consists of a four-lane urban section with bicycle lanes, a sidewalk, and a shared-use path. The total length of the proposed project limits is approximately 0.586 miles. **Fee:** \$350,000

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
Hillsborough County: Intersection Improvements, Various Locations, Hillsborough County, Florida	2021	Ongoing

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

QA/QC. American provides planning, design, and post-design services to assist the County with various intersection improvements to improve safety, mobility, and provide congestion relief through a context and environmentally sensitive design. The project is expected to be two phases. Phase I consisted of preliminary engineering report, and Phase II consisting of final design, post-design services, and project closeout tasks. The tasks in Phase I included data collection, public involvement, engineering analysis, utility coordination, ROW considerations, ROW acquisition support, environmental impacts, appraisal and title search services, survey, and geotechnical services. **Fee:** \$1,861,776

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
City of Tarpon Springs: City Engineer of Record, Tarpon Springs, Florida	2020	Ongoing

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

Project Manager. American provides miscellaneous services to the City of Tarpon Springs on a task order basis. Services include roadway design, stormwater design, water/wastewater/utility design, architectural design, and coastal/dredging. Tasks have included Athens Street improvements, City Technical Standards, plat review, Meres Boulevard widening, and Tarpon Avenue Roadway improvements, Court Street improvements, and Anclote Harbor Development traffic study review. **Fee:** \$750,000

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)


12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Andrew Nunes, PE	Roadway	33	15

15. FIRM NAME AND LOCATION *(City and State)*
 American Consulting Engineers of Florida, LLC, West Palm Beach, Florida

16. EDUCATION *(Degree and Specialization)*
 BS, Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
 FL PE No. 52731

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



Mr. Nunes has 33 years of experience in roadway design and management of roadway projects. His past assignments involved preliminary engineering studies, final design projects, and construction administration projects for clients that include Palm Beach County Public Works, FDOT Districts One, Three, Four, and Six, Miami-Dade County Public Works Department, Miami-Dade Aviation Department, and local municipalities. He is familiar with the standards and requirements of the FDOT and other municipalities and is proficient in the use of MicroStation and Geopak.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	FDOT District Six: SR 990/Killian Parkway/SW 112 th Street Miami-Dade County, Florida	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager. This 2.5-mile RRR project is an urban arterial that is designated as a State Historic Highway. One section of the project is two-lane undivided with unpaved shoulders, and the other section is four-lane divided with a median in addition to curb and gutter. The project includes coordination with subconsultants and various city and county agencies, drainage design, traffic control plans, signing and pavement marking plans, signalization plans, utility coordination, and public involvement. Fee: \$736,238		
b.	FDOT District Six: SR 5 Biscayne Boulevard, NE 151 Street to NE 196 Street, Miami-Dade County, Florida	2016	2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager. This is a RRR, eight-lane 3.1-mile divided urban arterial. The project included safety improvements at the intersections of SR 5/NE 187 th Street and SR 5/Lehman Causeway, ADA upgrades, roadway widening to add an acceleration lane on Lehman Causeway, signalization improvements, landscaping, signing and pavement markings, milling, and resurfacing. Additional services include traffic control plans, lighting plans, utility coordination, and public involvement. Fee: \$927,962		
c.	FDOT District Four: Districtwide In-House Plans Review Support Southeast, Florida	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Engineer. This districtwide general services contract involves conducting constructability, biddability, and quality control reviews related to transportation facilities for FDOT. The reviews include roadway and bridge design projects, highway and bridge rehabilitation projects, resurfacing projects, and other public transportation projects. Minor roadway and landscaping design task work orders have also been assigned under this contract. More than 500 task work orders have been successfully completed under three consecutive contracts. Fee: \$1,500,000		
d.	FDOT District Four: Districtwide Minor Design/Production Support, Southeast, Florida	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Engineer. This is a districtwide minor contract to perform design and support services for FDOT-related transportation facilities. The services include the preparation of RRR concept reports, RRR safety reviews, RRR plans, and design-build RFP packages. Fee: \$1,500,000		
e.	I-95/Becker Road Interchange Re-Design, Port St. Lucie, Florida	2008	2010
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Roadway Engineer. American provided design revision services for 1.3 miles of Becker Road and the I-95 northbound and southbound exit ramps. Services included plan modification of the westbound direction of Becker Road at the intersection with Village Parkway. The new configuration has dual left-turn lanes, three through lanes, and one right-turn lane. The prior design configuration only provided for a single left-turn lane, three through lanes, and a dual right lane. Fee: \$1,153,789		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Sofia Quiñones-Benejam, PE	Roadway/S&PM Design Support	9	5

15. FIRM NAME AND LOCATION (City and State)

American Consulting Engineers of Florida, LLC, West Palm Beach, Florida


16. EDUCATION (Degree and Specialization)

BS, Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

FL PE No. 87412

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

 Ms. Quiñones-Benejam has developed engineering designs, including geometric alignments, profiles, cross sections, construction, signing and pavement marking plans, and MOT details. She has assisted in the creation of engineering documents, including typical section packages, pavement design reports, variation/exception reports, and worked as a plan reviewer for transportation projects. She is familiar with FDOT Design Standards, FDOT Design Manual, FDOT Specifications, Basis of Estimates, AASHTO Greenbook, and Manual on Uniform Traffic Control Devices (MUTCD). She is proficient with MicroStation/GEOPAK, 3D Corridor Modeling, Visual Lighting, and AutoCAD.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
	City of Port St. Lucie: Port St. Lucie Boulevard from SW Darwin Boulevard to SW Gatlin Boulevard, Port St. Lucie, Florida	2021	Ongoing
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway EOR. This project involves final design services to reconstruct Port St. Lucie Boulevard from SW Darwin Boulevard to SW Gatlin Boulevard, approximately 0.6 miles. The existing four-lane divided roadway utilizes an open swale drainage system. The proposed roadway section will be fully "urban" with curb and gutter, sidewalks, bike lanes, signing and pavement markings, landscaping, irrigation, and roadway lighting. It will match the section currently under design by FDOT, south of SW Darwin Boulevard. It is anticipated that at least portions of SW Port St. Lucie Boulevard will require full reconstruction. Fee: \$906,848		
	City of Port St. Lucie: Continuing Professional Design Services, Port St. Lucie, Florida	Ongoing	Ongoing
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Engineer. American provides continuing professional design services for capital improvement construction projects identified in the City's five-year capital improvement budget. The scope of work includes survey, geotechnical, design, and permitting associated with the complete design and permitting of projects, including intersection improvements, drainage modifications, driveway and culvert replacement, utility relocations, and roadway and sidewalk improvements. Some of the task orders have included Idol Avenue sidewalk, Port St. Lucie Boulevard/Gatlin Boulevard Intersection improvements 90% review, and Paar Drive sidewalk from SW Port St. Lucie Boulevard west to Savona Boulevard. Fee: \$675,800		
	Palm Beach County: Clint Moore Road, Oaks Club Drive to Long Lake Drive, Palm Beach County, Florida	2021	2022
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Engineer. This project involves final design services to widen the existing four-lane urban roadway section to six lanes from Oaks Club Drive to Long Lake Drive in each direction, approximately 1.16 miles. The project will be designed within the existing ROW. Major work includes roadway widening, traffic/signalization, and drainage improvements. Additional tasks include survey and mapping, geotechnical, utility coordination, environmental, and permitting. Fee: \$432,325		
	FDOT District Four: I-95 From Gateway Boulevard to Lantana Road, Palm Beach County, Florida	2019	2022
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Engineer. American provides RRR services for 2.35 miles of ten lanes along I-95. Improvements to this section of I-95 include the following: implementing appropriate safety report upgrades, milling and resurfacing the existing rutted asphalt pavement, cross slope correction with overbuild, utility coordination, replacing the mainline light poles along with filling in the gaps in the existing median barrier wall and signing and pavement marking. Fee: \$1,463,603		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Richard Hunter, PE	Structures Design	31	19

15. FIRM NAME AND LOCATION *(City and State)*

American Consulting Engineers of Florida, LLC, Wesley Chapel, Florida


16. EDUCATION *(Degree and Specialization)*

MS, Structural Engineering; BS, Aerospace Engineering

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*

FL PE No. 50601, GA PE No. 031814, MI PE No. 6201054027, VA PE No. 0402047403

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



Mr. Hunter's experience includes the structural design of more than 150 bridges of nearly every type and configuration. These bridges have been used to carry vehicles and railroad traffic along with pedestrians, wildlife, as well as raw materials. Recent projects have fully implemented the use of OpenBridge Modeler to accurately model bridges in 3D, and to help mitigate the risk of conflicts during design and construction.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a. Pasco County: General Professional Engineering and Consulting Services, Florida	Ongoing	N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>Senior Structural Engineer. American serves as the miscellaneous engineering consultant for Pasco County. Some of the tasks assigned under this contract include:</p> <ul style="list-style-type: none"> Ridge Road/Congress Street at Regency Park Drive Starkey Boulevard at Alico Pass Roundabout SR 54 at US 41 Operational Improvements CR 579 from S of SR 54 to N of SR 54 Curley Road and Overpass Road Intersection Eiland Boulevard and Northern Summertree Plaza Intersection <p>Fee: \$1,500,000</p>		
b. City of Tarpon Springs: City Engineer of Record, Tarpon Springs, Florida	Ongoing	N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>Senior Structural Engineer. American provides miscellaneous services to the City of Tarpon Springs on a task order basis. Services include roadway design, stormwater design, water/wastewater/utility design, architectural design, and coastal/dredging. Tasks have included Athens Street Improvements, City Technical Standards, Plat Review, Meres Boulevard Widening, and Tarpon Avenue Roadway Improvements, Court Street Improvements, and Anclote Harbor Development Traffic Study Review. Fee: \$750,000</p>		
c. FDOT District Seven: I-75 (SR 93) at Overpass Road Interchange Design-Build, Pasco County, Florida	2021	2023
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>Structural Engineer of Record. The project features a flyover ramp bridge and two new bridges over I-75. Overpass Road approaches were reconstructed from a two-lane rural roadway to a four-lane urban divided roadway with sidewalk and bicycle lanes in both directions. Fee: \$5,167,284</p>		
d. Hillsborough County: Miscellaneous General/Civil Services, Hillsborough County, Florida	2021	N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>Senior Structural Engineer. American provided general civil engineering services to the County. This contract was developed to support the County's projects to be constructed through the Transportation Task Force funding. Some of the tasks completed include Turkey Creek Road at West Trapnell Road, Turkey Creek Road at Sydney Road, Turkey Creek Road at Airport Road, SR 60 at Mulrennan Road, SR 60 at Dover Road, and Front Street at North Valrico Road. Fee: \$1,678,000</p>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Renee Reader, PE	Structures Support	14	13

15. FIRM NAME AND LOCATION (City and State)


American Consulting Engineers of Florida, LLC, Wesley Chapel, Florida

16. EDUCATION (Degree and Specialization) | 17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

MS, Civil Engineering; BS, Civil Engineering

FL PE No. 82174

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

 Ms. Reader specializes in structural analysis and plan preparation for bridges and transportation-related structures in connection with major urban interstate/interchange reconfiguration projects. Specific responsibilities include preparing load rating calculations, developing bridge retrofit concepts, preparing cost estimates, and writing reports.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a. City of Port St. Lucie: Floresta Drive Phase II Reconstruction, from Southbend Boulevard to Crosstown Parkway, Port St. Lucie, Florida	2020	Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>Structural Engineer. The Floresta Drive Improvement project required the replacement of the existing bridge with one that was 68 ft., 4 in. wide to accommodate two lanes of traffic separated by a raised median along with bicycle lanes and raised sidewalks on both sides. A three-span configuration was used for this 105-ft., 2-in. long bridge with a superstructure consisting of 12-in. deep, prestressed Florida Slab Beams (FSB) with a 6½-in. cast-in-place topping supported on 24-in. concrete pile bents. This shallow superstructure minimized the need to raise the profile while still maintaining the 12-ft., 0-in. vertical clearance over the NHW elevation. The design was complicated by the horizontal curve alignment and the need to maintain traffic within the narrow 80-ft., 0-in. ROW width, resulting in the need for special retaining walls at the end bents and along the approach slab and adjacent roadway sections. Fee: \$1,600,000</p>		
b. City of Port St. Lucie: Crosstown Parkway Corridor Extension, Port St. Lucie, Florida	2019	2019
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>Engineering Intern. This project is the final segment of a new \$150M, 10-mile parkway that was planned, designed, and constructed by the City of Port St. Lucie. This final eastern 1.5-mile segment between Manth Lane and US 1 includes an elevated 4,000-ft.-long bridge that crosses the Savannas Preserve State Park, North Fork St. Lucie River Aquatic Preserve, and sovereign submerged lands. The first part of the project required an early assessment of environmental impacts and potential mitigation options to obtain a conceptual permit from the South Florida Water Management District and informal approval from the USACE. This work was conducted concurrently with the City's preparation of an Environmental Impact Statement and Section 4(f) evaluation for the new river crossing. The second part of the project included preliminary and 60% design and the design-build criteria package development, which included a new six-lane roadway and bridge. American was responsible for the overall project management, including any revisions to the corridor master plan. American served as the technical support team for the City's technical review committee during the design-build process. Fee: \$1,500,000</p>		
c. City of Port St. Lucie: Riverwalk and Westmoreland Park Design, Port St. Lucie, Florida	2021	Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>Structural Engineer. This project consists of three phases with phase I consisting of reconstructing portions of the existing 10-ft. wide boardwalk that have exhibited settlement problems after Hurricane Matthew, as well as replacing the thermoplastic railing that has become brittle with new aluminum railing. This existing boardwalk starts at the Veteran's Park at Rivergate and runs south along the St. Lucie River but stops before the Port St. Lucie Boulevard Bridge. Phase II extends the Veteran's Park dock approximately 700 ft. and constructs a boardwalk from the Westmorland Park north along the St. Lucie River to just south of the Port St. Lucie Boulevard Bridge. In addition to the boardwalk, several overlooks and an aquatic education timber platform are included in phase II. Phase III consists of building a pedestrian bridge under the Port St. Lucie Boulevard Bridge that will connect not only both boardwalks from these two phases but also the Veteran's and Westmoreland parks. Fee: \$154,093</p>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT


(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
William Adams, PE	Drainage/Permitting	27	19

15. FIRM NAME AND LOCATION (City and State)
 American Consulting Engineers of Florida, LLC, West Palm Beach, Florida

16. EDUCATION (Degree and Specialization) 17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
 MS, Civil Engineering; BS, Civil Engineering FL PE No. 57950; GA PE No. 034258; TN PE No. 113246

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



Mr. Adams has 27 years of experience in the design of civil engineering projects specializing in drainage, roadway, site, and utilities design. His experience includes stormwater modeling; stormwater design including detention ponds, retention ponds, storm sewers, culverts, control structures, floodplain compensation areas; and pond siting analysis and report preparation.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	I-95 Gatlin Boulevard Phase I and II, Port St. Lucie, Florida	2007	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Drainage Engineer. This project consisted of widening a three-mile, four-lane divided suburban highway to a six-lane suburban, divided section with auxiliary lanes associated with the I-95 interchange. Fee: \$1,040,536		
b.	I-95/St. Lucie West Project Management, Port St. Lucie, Florida	2006	2007
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Drainage Engineer. American provided project management services for the construction of additional lanes on St. Lucie West Boulevard over I-95 in the City of Port St. Lucie. The project included the widening of the existing roadway and structure as well as construction of a new structure over I-95, including realignment of the interchange ramps with the construction of additional turn lanes, traffic signals, and lighting. Mr. Adams led all drainage design activities. Fee: \$137,588		
c.	Old Dixie Highway, Yamato Road to Linton Boulevard Palm Beach County, Florida	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Drainage Engineer. This project involves the final design services to widen and reconstruct Old Dixie from Yamato Road to Linton Boulevard from two to three lanes in each direction, approximately 3.1 miles. The existing typical section is a two-lane undivided roadway section, which will be widened to three lanes with a 12-ft. center turn lane, two 11-ft. travel lanes, 3- to 4-ft. paved outside shoulders, type F curb and gutter, and 5- to 6-ft. concrete sidewalk on the east side. ROW will be acquired to construct the project. Major work includes roadway reconstruction, widening or replacing the bridge over the SFWMD C-15 canal, drainage improvements, and ROW acquisition. Additional tasks include survey and mapping, traffic/signalization, geotechnical, utility coordination, environmental, and permitting. Fee: \$1,773,891		
d.	FDOT District Four: Port St. Lucie Boulevard from Paar Drive to Darwin Boulevard, St. Lucie County, Florida	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Drainage Engineer. This project involves final design services to reconstruct Port St. Lucie Boulevard from Paar Drive to Darwin Boulevard from two lanes to four lanes, approximately 1.9 miles. The project will satisfy projected traffic demands, enhance corridor safety, and improve evacuation capacities. Major work includes roadway reconstruction, drainage improvements, and permitting. Additional tasks include survey and mapping, traffic/signalization, lighting, geotechnical, public involvement, utility coordination, environmental, and landscape design. Fee: \$2,501,137		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)


12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Manuel Cuetara, Jr., PE, LEED GA	Drainage/Permitting	16	6

15. FIRM NAME AND LOCATION *(City and State)*
 American Consulting Engineers of Florida, LLC, West Palm Beach, Florida

16. EDUCATION *(Degree and Specialization)*
 BS, Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
 FL PE No. 82290; FL LEED Green Associate

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



Mr. Cuetara has 16 years of experience in the transportation, construction, environmental, and water resources field. He has experience in roadway drainage and water resources design. In the field, he combines project management, technical knowledge of design and construction with his experience in environmental permitting and compliance for local, state, and federal regulatory agencies.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
Port St. Lucie Boulevard from SW Darwin Boulevard to SW Gatlin Boulevard, Port St. Lucie, Florida	Ongoing	N/A

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

a. **Drainage Engineer.** This project involves final design services to reconstruct Port St. Lucie Boulevard from SW Darwin Boulevard to SW Gatlin Boulevard, approximately 0.6 miles. The existing four-lane divided roadway utilizes an open swale drainage system. The proposed roadway section will be fully “urban” with curb and gutter, sidewalks, bike lanes, landscaping, irrigation, and roadway lighting. It will match the section currently under design by FDOT, south of SW Darwin Boulevard. It is anticipated that at least portions of SW Port St. Lucie Boulevard will require full reconstruction. **Fee:** \$721,988

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
FDOT District Four: Port St. Lucie Boulevard from Paar Drive to Darwin Boulevard, St. Lucie County, Florida	Ongoing	N/A

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

b. **Drainage Engineer.** This project involves final design services to reconstruct Port St. Lucie Boulevard from Paar Drive to Darwin Boulevard from two lanes to four lanes, approximately 1.9 miles. The project will satisfy projected traffic demands, enhance corridor safety, and improve evacuation capacities. Major work includes roadway reconstruction, drainage improvements, and permitting. Additional tasks include survey and mapping, traffic/signalization, lighting, geotechnical, public involvement, utility coordination, environmental, and landscape design. The existing typical section includes one 12-ft. undivided travel lane in each direction and an open drainage system within 100 ft. of ROW. The proposed typical section includes reconstructing the roadway to include two 11-ft. travel lanes, Type F curb and gutter inside and out, 4-ft. bicycle lane, 8-ft. sidewalks adjacent to the curb and gutter on each side, along with an 18-ft. wide raised median. **Fee:** \$2,501,137

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
Old Dixie Highway, Yamato Road to Linton Boulevard Palm Beach County, Florida	Ongoing	N/A

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

c. **Drainage Engineer.** This project involves final design services to widen and reconstruct Old Dixie from Yamato Road to Linton Boulevard from two to three lanes in each direction, approximately 3.1 miles. The existing typical section is a two-lane undivided roadway section, which will be widened to three lanes with a 12-ft. center turn lane, two 11-ft. travel lanes, 3- to 4-ft. paved outside shoulders, type F curb and gutter, and 5- to 6-ft. concrete sidewalk on the east side. ROW will be acquired to construct the project. Major work includes roadway reconstruction, widening or replacing the bridge over the SFWMD C-15 canal, drainage improvements, and ROW acquisition. Additional tasks include survey and mapping, traffic/signalization, geotechnical, utility coordination, environmental, and permitting. **Fee:** \$1,773,891

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
Turnpike Mainline Widening, North of Johnson Street to Griffin Road, Broward County, Florida	Ongoing	N/A

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

d. **Drainage Engineer.** American was selected to conduct this PD&E study and design that evaluated the alternatives for widening approximately 3.7 miles of the Florida Turnpike from six to eight lanes. These improvements provide for the milling, resurfacing, and widening of the Turnpike, geometric revisions to the Griffin Road Interchange, revisions to signing and pavement markings, lighting, noise walls, and drainage design. **Fee:** \$5,333,622

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Gordon Ziecina, PE	S&PM/Lighting/Signalization/ITS	44	2

15. FIRM NAME AND LOCATION (City and State)

American Consulting Engineers of Florida, LLC, Wesley Chapel, Florida


16. EDUCATION (Degree and Specialization)

ME, Civil Engineering; BS, Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

FL PE No.33770

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



Mr. Ziecina specializes in lighting design, signing and pavement markings, traffic signal, intelligent transportation systems (ITS) design, and traffic engineering, including ITS, Advanced Traffic Management Systems (ATMS) design, signal system timing implementation, traffic signal design, ITS plans and specification development, and CEI for numerous ATMS and ITS systems. He has been responsible for the design, construction, and CEI of more than 25 traffic signal systems.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	City of Tarpon Springs: City Engineer of Record, Tarpon Springs, Florida	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Senior Traffic Engineer. American provides miscellaneous services to the City of Tarpon Springs on a task order basis. Services include roadway design, stormwater design, water/wastewater/utility design, architectural design, and coastal/dredging. Tasks have included Athens Street Improvements, City Technical Standards, Plat Review, Meres Boulevard Widening, and Tarpon Avenue Roadway Improvements, Court Street Improvements, and Anclote Harbor Development Traffic Study Review. Fee: \$750,000		
b.	FDOT District Seven: I-75 (SR 93) at Overpass Road Interchange Design-Build, Pasco County, Florida	2021	2023 (est.)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Senior Traffic Engineer. The project features a flyover ramp bridge and two new bridges over I-75. Overpass Road approaches were reconstructed from a two-lane rural roadway to a four-lane urban divided roadway with sidewalk and bicycle lanes in both directions of travel. Fee: \$5,167,284		
c.	FDOT District Seven: PD&E Consultant Continuing Services Contract, Florida	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Senior Traffic Engineer. American supports the District in the development, evaluation, and/or documentation of planning, engineering, environmental, and cultural resource activities as outlined in the <i>PD&E Manual</i> . American has performed more than 92 assignments under multiple task work orders, including feasibility reviews, cultural resource PD&E reevaluations, website support, and PD&E studies. Fee: \$1,500,000		
d.	FDOT District Seven: I-75/SR 56 Interchange from East of CR 54 to West of Cypress Ridge Boulevard, Pasco County, Florida	2019	2023 (est.)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Senior Traffic Engineer. This project is reconstructing the existing I-75 at SR 56 diamond interchange to a DDI. Specific improvements include modifying lane configurations to improve capacity, geometric refinements along SR 56 and the I-75 ramps to accommodate the DDI configuration, and improved bicycle and pedestrian facilities within the project limits. All improvements are designed within the existing ROW while maintaining the existing SR 56 over I-75 bridge width and cross-slope. The drainage improvements consist of a closed drainage system, median swales, and modifications to existing ponds. American completed the design of the project under an accelerated 16 month-schedule. Fee: \$5,113,875		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Brian Mirson, PE, AICP	Traffic/Innovative Intersections	47	23

15. FIRM NAME AND LOCATION (City and State)
 American Consulting Engineers of Florida, LLC, West Palm Beach, Florida

16. EDUCATION (Degree and Specialization)
 BS, Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
 FL PE No. 0030729, AICP No. 3127866342

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



Mr. Mirson is a specialist in traffic, expert witness testimony, transportation planning and engineering. During his career, he has designed and/or managed projects beginning in their planning stages through completion of the construction. He has significant experience in the preparation of environments assessments, environmental impact statements, and the development of regional impact statements. Assessments under his direction have been successfully completed for arterial reconstruction, new roadway alignments, major freeway and interchange improvements, heavy and light rail implementation, bus rapid transit, and large-scale private development. His involvement in developing public outreach strategies and in the community visioning process significantly contributed to the successful completion of these projects.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Town of Palm Beach: Traffic Engineering and Parking Services Palm Beach, Florida	Ongoing	N/A

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

a. **Principal-in-Charge.** American has been serving as the miscellaneous traffic engineering and parking consultant for the Town of Palm Beach since 2002, working directly with the planning, zoning, building department, and public works. The contract is task order assignment based, with ongoing traffic engineering analysis, site plan reviews, and design task assignments to town-wide traffic analysis, design, design-build implementation projects. This wide and diverse range of planning, traffic engineering and design, assists the town in meeting its transportation goals and expectations to maintain control of the public parking needs, pedestrian conflicts, traffic circulation, and other public requests. **Fee:** \$160,702

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
City of Port St. Lucie: Continuing Professional Design Services Port St. Lucie, Florida	2018	Ongoing

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

b. **Principal-in-Charge.** American provides continuing professional design services for capital improvement construction projects identified in the City's five-year capital improvement budget. The scope of work includes survey, geotechnical, design, and permitting associated with the complete design and permitting of projects. Projects include intersection improvements, drainage modifications, driveway and culvert replacement, utility relocations, and roadway and sidewalk improvements. **Fee:** \$551,108

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Village of Royal Palm Beach: Miscellaneous Traffic Engineering Services, Royal Palm Beach, Florida	2007	N/A

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

c. **QA/QC Manager.** American was selected under the Village of Royal Palm Beach's miscellaneous consultant contract to conduct a review of the 400-acre Callery Judge Groves Development DRI, which consisted of several phases. The purpose of the review was to determine whether the DRI analysis procedures followed approved methodologies of the Department of Community Affairs, Palm Beach County, and the FDOT. **Fee:** \$430,000


(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
FDOT District Seven: I-275 at I-4 Downtown Tampa Interchange PD&E Reevaluation, Hillsborough County, Florida	2021	N/A

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

d. **Senior Planner.** American performed a PD&E design change reevaluation as a Supplemental Environmental Impact Statement of the original I-275/I-4 interchange portion of the Tampa Interstate Study final environmental impact statement. This portion of the project is located in closest proximity to the central business district of the City of Tampa and includes a combined distance of approximately 6.5 miles in length of I-275 and I-4 and its system junction. Five design options were identified, evaluated, and coordinated with agencies and the public for input and selection of a preferred alternative. These improvements are needed to address future growth and development projected in the region, enhance hurricane and emergency evacuation response, and improve system connectivity. This study was conducted based on a proposed design change to accommodate express lanes and other mobility improvements. **Fee:** \$3,725,000

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Nashid Sharmin		Traffic Support		a. TOTAL	b. WITH CURRENT FIRM
				5	0
15. FIRM NAME AND LOCATION (City and State)					
American Consulting Engineers of Florida, LLC, Wesley Chapel, Florida					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
MS, Civil and Environmental Engineering; MS, Industrial and Management Systems					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
 <p>Ms. Sharmin specializes in the field of transportation planning and traffic engineering. Her experience includes traffic analysis and design using Synchro, VISSIM, HCS or Sidra, Interchange Operational Analysis Reports (IOAR) and Interchange Modification Reports (IMR), Project Traffic Analysis Reports (PTAR), Corridor Analysis Studies, Feasibility Studies, Safety Analysis, and Project Development & Environment (PD&E) studies.</p>					

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	FDOT District Seven: Districtwide PD&E Services, Florida	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	<p>Traffic Specialist. American supports the District in the development, evaluation, and/or documentation of planning, engineering, environmental, and cultural resource activities as outlined in the PD&E Manual. American has performed more than 327 assignments under multiple task work orders over three successive contracts, including feasibility reviews for 164 local projects seeking federal enhancement funding, cultural resource PD&E reevaluations for 19 projects with design or pond site changes, scope development and negotiation support for District Seven PD&E studies, ETDM support for the screening of 14 projects, development and maintenance of District Seven's website for active and completed PD&E studies, prepared several PD&E studies such as US 41, Courtney Campbell Causeway Trail, Hillsborough Avenue, and Good Neighbor Trail Gap and active studies on US 301 and I-75/275 SB C-D Road from SR 56. Fee: \$600,000</p>		
b.	FDOT District Seven: Districtwide Corridor, Subarea, and Special Transportation Studies, Florida	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	<p>Traffic Specialist. American provides on-call consultant services for FDOT District Seven's System Planning Department. This contract includes miscellaneous corridor and subarea planning, special transportation studies, development impacts on the state highway system and general transportation planning support. Fee: \$1,500,000</p>		
c.	FDOT District Seven: I-75 PD&E Study, Moccasin Wallow Road to South of US 301, Manatee and Hillsborough Counties, Florida	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	<p>Traffic Specialist. American is preparing a PD&E study for 25 miles on I-75. This project was processed through FDOT's ETDM program screening tool, where the class of action was determined by FHWA as a Type 2 categorical exclusion. The project involves 26 bridge structures, assessment of 40 drainage basins, including some within conservation/Section 4(f) lands, coast guard navigation reviews, and the evaluation of noise, wetlands, protected species, and essential fish habitat. A second project public hearing was held in 2022 and final documents are under preparation. Fee: \$4,161,683</p>		
d.	Martin County BOCC: Engineering Services Related to Transportation Projects, Florida	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	<p>Traffic Specialist. American provides professional engineering services to Martin County for various transportation projects. The types of transportation improvements include roadway widening, resurfacing and bicycle lanes, bridge/box culvert replacements, intersection improvements, neighborhood paving and drainage restoration, and traffic signal modifications. Fee: \$412,852</p>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Anna Peterfreund, CWB	Environmental	24	20

15. FIRM NAME AND LOCATION (City and State)

American Consulting Engineers of Florida, LLC, Dalton, Georgia

16. EDUCATION (Degree and Specialization)

MS, Zoology; BS, Forestry, Wildlife & Fisheries Science

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

Certified Wildlife Biologist (CWB)

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



Ms. Peterfreund has 24 years of environmental experience. She has managed and permitted many projects on the state, federal, and local levels, including all water management districts, the Florida Department of Environmental Protection, State Historic Preservation Office, Florida Fish and Wildlife Conservation Commission, US Coast Guard, United States Army Corps of Engineers (USACE), and many others. In addition, her responsibilities have included all types of NEPA documentation and special studies, the inventory and delineation of wetlands, wetland and environmental assessments, wetland mitigation and enhancement, Uniform Mitigation Assessment Method applications, Wetland Rapid Assessment Procedure applications, ecological surveys, park and trail site plans, noise and air quality studies, Section 4(f) assessments, contamination screenings, and permitting. She has been trained to delineate wetlands using both the Florida statewide method and the national method developed by the USACE.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Traffic Engineering Consultant Town of Palm Beach, Florida	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>Environmental Scientist. This contract is task order assignment based, with ongoing traffic engineering analysis, site plan reviews, design task assignments to town-wide traffic analysis, design, and design-build implementation projects. This diverse range of planning and traffic engineering and design, assists the town in meeting its transportation goals and expectations to maintain control of public parking, pedestrian conflicts, traffic circulation, and other public requests. Fee: \$347,337</p>			
b.	SE Veteran's Memorial Pkwy Pedestrian Bridges Port St. Lucie, Florida	2015	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>Environmental Scientist. American designed the replacement of two timber pedestrian bridges to improve pedestrian safety and reduce maintenance costs. Steel truss superstructures with pile end bents were used for both bridges to meet the aesthetic requirements of the nearby community. In addition to the structural plans, our firm was responsible for the sidewalk approaches, drainage design, MOT, and erosion control plans. Fee: \$123,025</p>			
c.	City of Port St. Lucie: Floresta Drive Widening from Southbend Blvd. to Elkcam Waterway, Port St. Lucie, Florida	2007	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>Environmental Scientist. American provided design services for widening the existing two-lane, undivided Floresta Drive to a four-lane divided roadway, primarily within the existing 80-ft. ROW, including property acquisition at intersections for auxiliary lanes. Fee: \$558,270</p>			
d.	FDOT District Four: Port St. Lucie Boulevard from Paar Drive to Darwin Boulevard, St. Lucie County, Florida	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>Environmental Scientist. This project involves final design services to reconstruct Port St. Lucie Boulevard from Paar Drive to Darwin Boulevard from two lanes to four lanes, approximately 1.9 miles. The project will satisfy projected traffic demands, enhance corridor safety, and improve evacuation capacities. Responsible for wetland surveys and the design traffic noise update. The traffic noise update also involved coordination with property owners for the proposed barrier wall. Fee: \$2,501,137</p>			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Floresta Drive Phase I: Southbend Bridge to Elkcam Waterway		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
Port St. Lucie, Florida		2020	Ongoing
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
City of Port St. Lucie	Frank Knott	772.344.4290	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			
SCOPE	Size: 3 miles	Cost: \$558,270 (fee)	

American provided design services for widening the existing two-lane, undivided Floresta Drive to a four-lane divided roadway, primarily within the existing 80-ft. ROW, including property acquisition at intersections for auxiliary lanes. The location of the project was identified as being within the City of Port St Lucie, from the C-24 (Southbend) Canal to the Elkcam canal. SYNCHRO was used to analyze the alternatives, coordinate signals, and provide signal timings at the interchange. The project also included minor lighting improvements and signalization upgrades. Additionally, American produced a 3D animated fly-through with a narrative that effectively outlined the proposed roadway improvements and change concepts.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. American Consulting Engineers of Florida, LLC	West Palm Beach, Florida	Civil engineering



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

2

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Floresta Drive Phase II: Elkcam Waterway to Crosstown Parkway Port St. Lucie, Florida		PROFESSIONAL SERVICES 2022	CONSTRUCTION <i>(if applicable)</i> N/A
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
City of Port St. Lucie	Frank Knott	772.344.4290	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			
SCOPE	Size: 1.7 miles	Cost: \$1,300,000 (fee)	


The Floresta Drive improvement project will provide a two-lane roadway with landscaping, lighting, sidewalks, and bicycle lanes from just south of the Elkcam Waterway to the Crosstown Parkway. Features of the project include a new bridge, raised landscaped median, street trees, dedicated bicycle lanes; multiple ponds to provide roadway drainage, flood protection, and aesthetic value; sidewalks; street trees and landscaping; pedestrian and FPL street lighting; landscaped roadway and roundabouts.

This phase of the project included:

- Replacement of the Elkcam Waterway Bridge
- Landscaped median and street trees outside the proposed curb and gutter
- New roundabouts at Polynesian Avenue and Bywood Avenue
- Integration with Crosstown Parkway intersection improvement
- A three-lane section from Dasmask Avenue to Walters Terrace providing easy access to the school, daycare facility, church, and commercial properties
- Three pond sites that will passively treat the stormwater discharge from the roadway prior to entering the North Fork of the St. Lucie River.
- Median openings with bulb outs to provide additional access at Streamlet Avenue, Breakwater Avenue, and Atlantus Avenue.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	American Consulting Engineers of Florida, LLC	West Palm Beach, Florida	Civil engineering
b.	Andersen Andrew Consulting Engineers, Inc.	Port St. Lucie, Florida	Geotechnical engineering

 American CONSULTING <small>a consor company</small>	F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
			3
21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
Floresta Drive Phase III: Crosstwon Parkway to Prima Vista Parkway Port St. Lucie, Florida		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER		b. POINT OF CONTACT NAME	
City of Port St. Lucie		Frank Knott	
		c. POINT OF CONTACT TELEPHONE NUMBER	
		772.344.4290	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
SCOPE		Size: 0.7-mile	Cost: \$1,298,814 (fee)

The Floresta Drive Improvement Project will provide a two-lane roadway with landscaping, lighting, sidewalks, and bicycle lanes from the Crosstown Parkway to Prima Vista Boulevard. Features of the project include raised landscaped median, street trees, dedicated bicycle lanes; pond to provide roadway drainage, flood protection, and aesthetic value; sidewalks; street trees and landscaping; pedestrian and FPL street lighting; and landscaped roundabouts. This phase of the project included:

- Replacement of the Elkcam Waterway Bridge
- Landscaped median and street trees outside the proposed curb and gutter
- New roundabouts at Fallon Drive and Naranja Avenue
- Integration with Crosstown Parkway intersection improvement
- One pond site that will passively treat the stormwater discharge from the roadway prior to entering the North Fork of the St. Lucie River.
- Median openings with bulb outs to provide additional access at Evergreen Terrace, Greenway Terrace/Harborview Drive, and Naranja Avenue.
- The City and County are working collaboratively to provide improvements to all legs of the Prima Vista Boulevard intersection.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a. American Consulting Engineers of Florida, LLC	West Palm Beach, Florida	Roadway, drainage, traffic, signalization, and lighting
b. Andersen Andrew Consulting Engineers, Inc.	Port St. Lucie, Florida	Geotechnical engineering

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

4

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Prima Vista Boulevard from Estia Lane to Naranja Avenue		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
Port St. Lucie, Florida		Ongoing	N/A
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
City of Port St. Lucie	Frank Knott	772.344.4290	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			
SCOPE	Size: 0.25-mile	Cost: \$355,673	

This project involves design services to add a raised median on Prima Vista Boulevard from NE Estia Lane to NE Naranja Avenue, a distance of approximately 0.25 miles.

Type of scope/similar services provided:

- Roadway design
- Drainage design
- Permitting
- Utility coordination
- Signal design
- Lighting design
- Signing and pavement marking
- Surveying
- Landscape architecture
- Geotechnical

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	American Consulting Engineers of Florida, LLC	West Palm Beach, Florida	Civil engineering
b.	Andersen Andrew Consulting Engineers, Inc.	Port St. Lucie, Florida	Geotechnical engineering

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

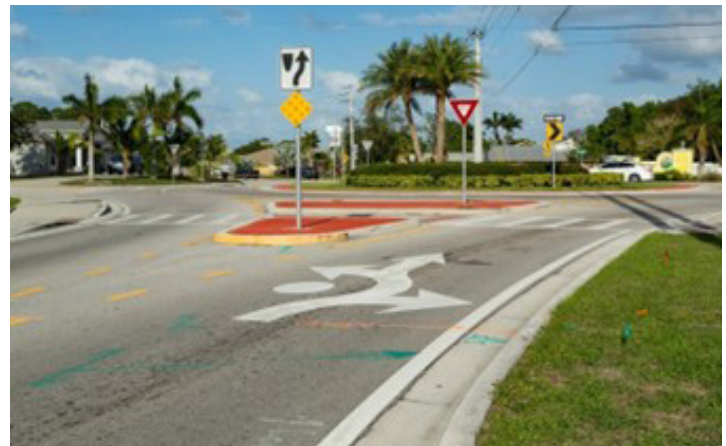
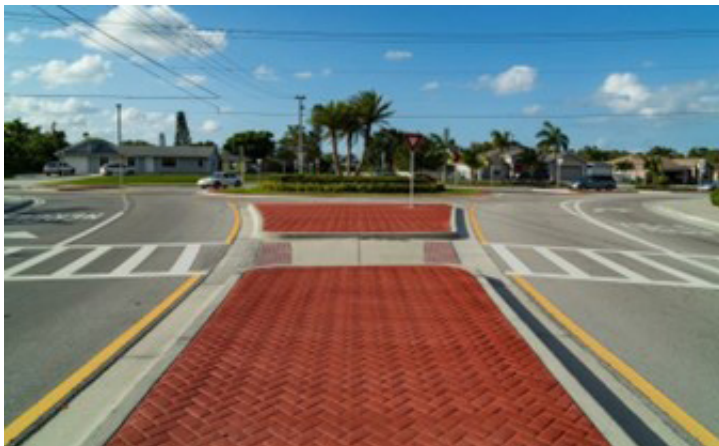
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

5

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Floresta Drive Roundabout at Southbend and Oakridge		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
Port St. Lucie, Florida		2007	2015
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
City of Port St. Lucie	Frank Knott	772.344.4290	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			
SCOPE	Size: N/A	Cost: \$1,575,000 (fee)	

American designed a roundabout at the intersection of Floresta Drive and Southbend Boulevard. The multi-lane roundabout was designed to accommodate four-lane divided roadways with future considerations within the circulating roadway. This roundabout also services the boat ramp park site located on Oakridge Drive. Geometric considerations involved accommodating vehicles towing boat trailers within the roundabout circulation. It was aesthetically designed to present an inviting entrance feature of the corridor improvements. Signing and pavement marking met the most recent FHWA standards that introduced fishhooks into the design. An extensive outreach program was implemented to educate the community on why a roundabout was appropriate for this intersection. Public outreach materials demonstrated how well the traffic would operate currently and in the future with and without a roundabout using simulations and how traffic would navigate the intersection using video and commentary.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. American Consulting Engineers of Florida, LLC	West Palm Beach, Florida	Civil engineering

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

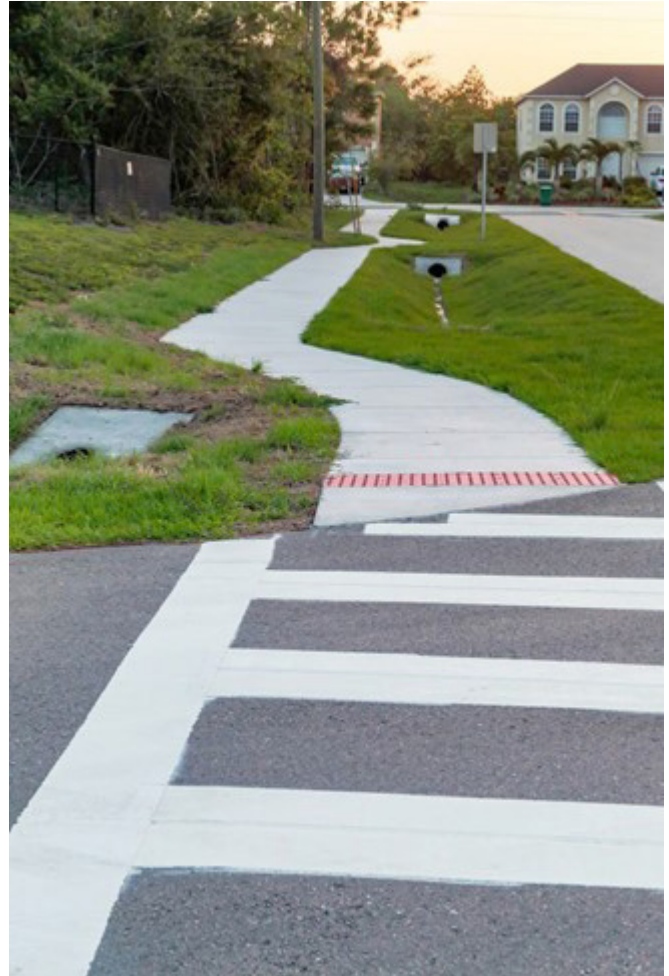
20. EXAMPLE PROJECT KEY NUMBER

6

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Continuing Professional Design Services Contract 2016		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
Port St. Lucie, Florida		Ongoing	N/A
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
City of Port St. Lucie	Heath Stocton, PE	772.344.4239	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			
SCOPE	Size: Varies	Cost: \$650,982 (fee)	

American provides continuing professional design services for capital improvement construction projects identified in the City's five-year capital improvement budget. The scope of work includes survey, geotechnical, design, and permitting associated with the complete design and permitting of projects, including intersection improvements, drainage modifications, driveway and culvert replacement, utility relocations, and roadway and sidewalk improvements. Task orders have included:

- New sidewalks on Idol Avenue from the Imagine Nau Charter School to Savona Boulevard
- Plans Review for Port St. Lucie Boulevard/Gatlin Boulevard Intersection Improvements
- New sidewalks on Paar Drive from SW Port St. Lucie Boulevard west to Savona Boulevard
- Updating City Hall parking lots
- New sidewalks on North Macedo Blvd Sidewalk from Selvitz Road to St. James Drive
- D-11 Canal Stabilization Project From SE Floresta Drive to East of SE Coral Reef Street



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	American Consulting Engineers of Florida, LLC	West Palm Beach, Florida	Roadway design, planning, public involvement
b.	Andersen Andre Consulting Engineers, Inc.	Port St. Lucie, Florida	Geotechnical engineering



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

7

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Continuing Professional Design Services Contract 2018		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
Port St. Lucie, Florida		Ongoing	N/A
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
City of Port St. Lucie	Heath Stocton, PE	772.344.4239	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			
SCOPE	Size: Varies	Cost: \$650,982 (fee)	

American provides continuing professional design services for capital improvement construction projects identified in the City's five-year capital improvement budget. The scope of work includes survey, geotechnical, design, and permitting associated with the complete design and permitting of projects, including intersection improvements, drainage modifications, driveway and culvert replacement, utility relocations, and roadway and sidewalk improvements. Task orders have included:

- Jessica Clinton Park Ball Field Project
- New sidewalks on NW East Torino Parkway from the proposed roundabout at SW California Boulevard to NW Conus Street
- New sidewalks on NW East Torino Parkway-Vizcaya Falls Subdivision to NW North Delwood Drive
- New sidewalks on NW East Torino Parkway-On South Delwood Drive from East Torino Parkway to Winterlakes Park
- Sandia Drive Sidewalk
- Alcantarra Boulevard Sidewalk (LAP)
- Hegener Drive Roadway Project
- Selvitz Road Sidewalk Project (LAP)
- Bayshore and Lakehurst Signal

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	American Consulting Engineers of Florida, LLC	West Palm Beach, Florida	Civil engineering
b.	Andersen Andre Consulting Engineers, Inc.	Port St. Lucie, Florida	Geotechnical engineering

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

8

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Port St. Lucie Boulevard from SW Darwin Blvd. to SW Gatlin Blvd. St. Lucie County, Florida		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2021	Ongoing
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
City of Port St. Lucie	Heath Stocton, PE	772.344.4239	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			
SCOPE	Size: 0.6-mile	Cost: \$906,848 (fee)	

This project involves the final design services to reconstruct Port St. Lucie Boulevard from SW Darwin Boulevard to SW Gatlin Boulevard, approximately 0.6 miles. The existing four-lane divided roadway utilizes an open swale drainage system. The proposed roadway section will be fully "urban" with curb and gutter, sidewalks, bike lanes, landscaping, irrigation, and roadway lighting. It will match the section currently under design by FDOT, south of SW Darwin Boulevard. It is anticipated that at least portions of SW Port St. Lucie Boulevard will require full reconstruction. Coordination with City staff and an outside consultant will be required as the design of a signalized intersection at SW Aurelia Avenue and SW Port Lucie Boulevard is currently underway.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	American Consulting Engineers of Florida, LLC	West Palm Beach, Florida	Civil engineering
b.	Andersen Andre Consulting Engineers, Inc.	Port St. Lucie, Florida	Geotechnical engineering

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

9

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Port St. Lucie Boulevard from Paar Drive to SW Darwin Boulevard St. Lucie County, Florida		PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i> Ongoing
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
Florida DOT District Four	Vandana Nagole, PE	954.777.4329	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			
SCOPE	Size: 1.9-mile	Cost: \$2,501,137 (fee)	

This project involves the final design services to reconstruct Port St. Lucie Boulevard from Paar Drive to Darwin Boulevard from two lanes to four lanes, approximately 1.9 miles. The project will satisfy projected traffic demands, enhance corridor safety, and improve evacuation capacities. Major work includes roadway reconstruction, drainage improvements, and permitting. Additional tasks include survey and mapping, traffic, signalization, lighting, geotechnical, public involvement, utility coordination, environmental, and landscape design. The existing typical section includes one 12-ft. undivided travel lane in each direction and an open drainage system within 100 ft. of ROW. The proposed typical section includes reconstructing the roadway to include two 11-ft. travel lanes, Type F curb and gutter inside and out, 8- to 10-ft. shared-use paths, along with an 18-ft. wide raised median. The preliminary engineering design will include coordination with the City of Port St. Lucie, FHWA, St. Lucie County, St. Lucie County MPO, and residential areas and businesses.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. American Consulting Engineers of Florida, LLC	West Palm Beach, Florida	Civil engineering

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

10

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Old Dixie Highway, Yamato Road to Linton Boulevard Palm Beach County, Florida		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		Ongoing	N/A
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
Palm Beach County	Maroun Azzi, PE	561.684.4156	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			
SCOPE	Size: 3.1 miles	Cost: \$1,773,891 (fee)	



This project involves final design services to widen and reconstruct Old Dixie from Yamato Road to Linton Boulevard from two to three lanes in each direction, approximately 3.1 miles. The existing typical section is a two-lane undivided roadway section, which will be widened to three lanes with a 12-ft. center turn lane, two 11-ft. travel lanes, 3- to 4-ft. paved outside shoulders, type F curb and gutter, and 5- to 6-ft. concrete sidewalk on the east side. ROW will be acquired to construct the project. Major work includes roadway reconstruction, widening or replacing the bridge over the SFWMD C-15 canal, drainage improvements, and ROW acquisition.

Additional tasks include survey and mapping, traffic/signalization, geotechnical, utility coordination, environmental, and permitting. The project includes coordination with the FEC railroad, the City of Delray Beach, and the City of Boca Raton.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. American Consulting Engineers of Florida, LLC	West Palm Beach, Florida	Civil engineering

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL <i>(From Section E, Block 12)</i>	27. ROLE IN THIS CONTRACT <i>(From Section E, Block 13)</i>	28. EXAMPLE PROJECTS LISTED IN SECTION F <i>(Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)</i>									
		1	2	3	4	5	6	7	8	9	10
Jaime Celler, PE	Project Manager	●	●	●	●		●	●	●	●	●
E. Gayle Grady, PE	Principal-In-Charge	●	●	●	●		●	●	●	●	●
Erik Leschak, PE	QA/QC	●	●	●	●		●	●	●	●	●
Andrew Nunes, PE	Roadway Design	●	●	●			●		●	●	●
Sofia Quiñones-Benejam, PE	Roadway/S&PM Design Support	●	●	●			●	●	●	●	●
Richard Hunter, PE	Structures Design	●	●	●	●			●		●	●
Renee Reader, PE	Structures Support	●	●	●	●			●		●	●
William Adams, PE	Drainage/Permitting	●				●	●		●	●	●
Manuel Cuetara, PE, LEED GA	Drainage Support	●					●	●	●	●	●
Gordon Ziecina, PE	Traffic/S&PM/Lighting Design		●	●	●			●		●	●
Brian Mirson, PE, AICP	Traffic/Innovative Intersections	●	●	●	●	●	●	●	●	●	●
Nashid Sharmin	Traffic Support		●	●	●			●		●	
Anna Peterfreund, CWB	Environmental		●	●			●	●			

29. EXAMPLE PROJECTS KEY

NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>	NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>
1	Floresta Drive Phase I: Southbend Bridge to Elkcam Waterway	6	Continuing Professional Design Services Contract 2016
2	Floresta Drive Phase II: Elkcam Waterway to Crosstown Parkway	7	Continuing Professional Design Services Contract 2018
3	Floresta Drive Phase III: Crosstown Parkway to Prima Vista Parkway	8	Port St. Lucie Boulevard from SW Darwin Boulevard to SW Gatlin Boulevard
4	Prima Vista Boulevard from Estia Lane to Naranja Avenue	9	Port St. Lucie Boulevard from Paar Drive to Darwin Boulevard
5	Floresta Drive Roundabout at Southbend and Oakridge	10	Old Dixie Highway, Yamato Road to Linton Boulevard

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

American is a planning, civil engineering, consulting, and project management organization serving local, state, and federal agencies as well as the private sector. **American's** continued success has been the result of the talent, experience, and service we provide our clients under a team concept, with coordination by experienced project managers. Our project management structure is effective in assembling technical and professional teams with diverse capabilities that respond to time-constrained project assignments. **American's** clients are provided with a single point of contact that can respond to their needs in a professional and timely manner. **American** offers innovative solutions, technical competence, and professional integrity.

American's personnel include civil engineers, structural engineers, drainage engineers, environmental scientists, urban and transportation planners, construction engineers, graphic designers, and surveyors. **American** is committed to our culture of professional excellence.

RANGE OF SERVICES

- Roadway/Traffic Engineering
 - » Transportation Planning/Traffic
 - » Traffic Operations
 - » Traffic Studies
 - » Stormwater
 - » Signing and Pavement Marking
 - » Signalization
 - » Lighting
- Structures
 - » Bridge Design
 - » Load Rating Analysis
 - » Scour Analysis/Hydraulic and Hydrological Studies
 - » Bridge Inspection and Evaluation
- PD&E/Environmental/NEPA
 - » Survey/Mapping/GIS
 - » Construction Engineering and Inspection
 - » Graphics and Web Services

WHY THE AMERICAN TEAM?

- » More than 20 years of extensive experience within the City of Port St. Lucie.
- » Excellent performance ratings on similar projects.
- » Capacity to do the work, to fully staff, and manage the effort throughout its duration.
- » Proficiency in meeting accelerated project schedules.
- » Commitment to quality control.

American has the personnel, experience, and equipment to provide consultant services in the required time. Our firm has provided and coordinated similar services. Our current workload allows **American** to initiate services upon notice to proceed.

American appreciates this opportunity to present our credentials for your review and consideration. We are prepared to respond immediately to any additional information you may require and look forward to working with you on this project.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE	32. DATE
	September 26, 2023
33. NAME AND TITLE	
E. Gayle Grady, PE Managing Principal	



ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

20230087

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (or Branch Office) NAME			3. YEAR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER
American Consulting Engineers of Florida, LLC			2002	11-260-4355
2b. STREET				
2818 Cypress Ridge Boulevard, Suite 200				
2c. CITY		2d. STATE	2e. ZIP CODE	
Wesley Chapel		FL	33544	
6a. POINT OF CONTACT NAME AND TITLE				
E. Gayle Grady, PE Managing Principal				
6b. TELEPHONE NUMBER		6c. E-MAIL ADDRESS		
813.435.2569		egrady@acp-fl.com		

5. OWNERSHIP	
a. TYPE	
LLC	
b. SMALL BUSINESS STATUS	
7. NAME OF FIRM (If block 2a is a Branch Office)	

8a. FORMER FIRM NAME(S) (if any)	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	9	8	B02	Bridges	5
08	CADD/MicroStation Technician	6	4	C10	Commercial Building (low rise); Shopping Centers	1
14	IT Specialist/Computer Programmer	4	4	C15	Construction Management	3
15	Construction Inspector	1		C18	Cost Estimating; Cost Engineering & Analysis	1
16	Construction Manager	1		E09	Environmental Impact Studies, Assessments or Statements	3
24	Environmental Scientist	2	1	G06	Graphic Design	1
47	Planner: Urban/Regional	3	3	H07	Highways; Streets; Airfield Paving; Parking Lots	6
57	Structural Engineer	10	6	I06	Irrigation; Drainage	3
58	Technician/Analyst	14	8	L03	Landscape Architecture	1
60	Transportation Engineer	11	3	L06	Lighting (Exteriors; Streets; Memorials; Athletic Fields, Etc.)	3
62	Water Resources Engineer	3	1	P05	Planning (Community, Regional, Areawide, and State)	5
	Student Intern	3		P06	Planning (Site, Installation, and Project)	1
				R04	Recreation Facilities (Parks, Marinas, Etc.)	1
				R06	Rehabilitation (Buildings; Structures; Facilities)	1
				S09	Structural Design; Special Structure	2
Total		67	38			

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE	b. DATE
	9/26/2023
c. NAME AND TITLE	
E. Gayle Grady, PE Managing Principal	



ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

20230087

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (or Branch Office) NAME			3. YEAR ESTABLISHED		4. UNIQUE ENTITY IDENTIFIER	
American Consulting Engineers of Florida, LLC			2002		11-260-4355	
2b. STREET			5. OWNERSHIP			
243 N Hamilton St.			a. TYPE			
2c. CITY			2d. STATE		2e. ZIP CODE	
Dalton			GA		30720	
6a. POINT OF CONTACT NAME AND TITLE			b. SMALL BUSINESS STATUS			
Allen Peterfreund, PE Senior Engineer			7. NAME OF FIRM (If block 2a is a Branch Office)			
6b. TELEPHONE NUMBER		6c. E-MAIL ADDRESS				
706.508.4029		allen.peterfreund@acp-ga.com				
8a. FORMER FIRM NAME(S) (if any)			8b. YEAR ESTABLISHED		8c. UNIQUE ENTITY IDENTIFIER	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	9	1	B02	Bridges	5
08	CADD/MicroStation Technician	6		C10	Commercial Building (low rise); Shopping Centers	1
14	IT Specialist/Computer Programmer	4		C15	Construction Management	3
15	Construction Inspector	1		C18	Cost Estimating; Cost Engineering & Analysis	1
16	Construction Manager	1		E09	Environmental Impact Studies, Assessments or Statements	3
24	Environmental Scientist	2	1	G06	Graphic Design	1
47	Planner: Urban/Regional	3		H07	Highways; Streets; Airfield Paving; Parking Lots	6
57	Structural Engineer	10	2	I06	Irrigation; Drainage	3
58	Technician/Analyst	14	1	L03	Landscape Architecture	1
60	Transportation Engineer	11		L06	Lighting (Exteriors; Streets; Memorials; Athletic Fields, Etc.)	3
62	Water Resources Engineer	3		P05	Planning (Community, Regional, Areawide, and State)	5
	Student Intern	3		P06	Planning (Site, Installation, and Project)	1
				R04	Recreation Facilities (Parks, Marinas, Etc.)	1
				R06	Rehabilitation (Buildings; Structures; Facilities)	1
				S09	Structural Design; Special Structure	2
Total		67	5			

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE	b. DATE
	9/26/2023
c. NAME AND TITLE	
E. Gayle Grady, PE Managing Principal	



ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

20230087

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (or Branch Office) NAME			3. YEAR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER
American Consulting Engineers of Florida, LLC			2002	11-260-4355
2b. STREET			5. OWNERSHIP	
2041 Vista Parkway, Suite 101			a. TYPE	
2c. CITY			LLC	
West Palm Beach			2d. STATE	2e. ZIP CODE
			FL	33411
6a. POINT OF CONTACT NAME AND TITLE			b. SMALL BUSINESS STATUS	
Jaime Celler, PE, Project Manager				
6b. TELEPHONE NUMBER			7. NAME OF FIRM (If block 2a is a Branch Office)	
561.253.9566			American Consulting Engineers of Florida, LLC (2818 Cypress Ridge Boulevard, Suite 200, Wesley Chapel, FL 33544)	
6c. E-MAIL ADDRESS			8a. FORMER FIRM NAME(S) (if any)	
JCeller@acp-fl.com			8b. YEAR ESTABLISHED	
			8c. UNIQUE ENTITY IDENTIFIER	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	9		B02	Bridges	5
08	CADD/MicroStation Technician	6	1	C10	Commercial Building (low rise); Shopping Centers	1
14	IT Specialist/Computer Programmer	4		C15	Construction Management	3
15	Construction Inspector	1		C18	Cost Estimating; Cost Engineering & Analysis	1
16	Construction Manager	1		E09	Environmental Impact Studies, Assessments or Statements	3
24	Environmental Scientist	2		G06	Graphic Design	1
47	Planner: Urban/Regional	3		H07	Highways; Streets; Airfield Paving; Parking Lots	6
57	Structural Engineer	10		I06	Irrigation; Drainage	3
58	Technician/Analyst	14	2	L03	Landscape Architecture	1
60	Transportation Engineer	11	5	L06	Lighting (Exteriors; Streets; Memorials; Athletic Fields, Etc.)	3
62	Water Resources Engineer	3	2	P05	Planning (Community, Regional, Areawide, and State)	5
	Student Intern	3	2	P06	Planning (Site, Installation, and Project)	1
				R04	Recreation Facilities (Parks, Marinas, Etc.)	1
				R06	Rehabilitation (Buildings; Structures; Facilities)	1
				S09	Structural Design; Special Structure	2
Total		67	12			

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE	b. DATE
	9/26/2023
c. NAME AND TITLE	
E. Gayle Grady, PE Managing Principal	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME David P. Andre, P.E.	13. ROLE IN THIS CONTRACT Project/Contract Manager	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 18+

15. FIRM NAME AND LOCATION (City and State)
Andersen Andre Consulting Engineers, Inc. (Port St. Lucie, Florida)

16. EDUCATION (Degree and Specialization) Bachelor of Science in Environmental Engineering, University of Florida (1993); Post Graduate Coursework in Geotechnical Engineering, University of Central Florida (1997-1998);	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer (Discipline of Civil Engineering) in the State of Florida (No. 53969)
---	---

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
David is experienced providing geotechnical engineering and materials testing services for roadway and utility construction, infrastructure improvements, and site preparation as well as general environmental consulting relative to subsurface contamination.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
A.	Continuing Service Contract, City of Port St. Lucie, (Port St. Lucie, FL)	2007-2011 2016-Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE David was the <u>Contract Manager</u> when AACE maintained a continuing service contract with the City of Port St. Lucie for geotechnical engineering and construction materials testing until 2011 (when the City discontinued all professional service contracts), and then again when the service contracts were reinstated in 2016. Services that AACE routinely provides for the CPSL include the performance of soil borings (SPT and auger borings), test pits, groundwater studies, roadway coring, embankment suitability studies, and all manner of materials, testing during construction (density & concrete testing). Projects have included City-wide culvert and headwall replacements, roadway explorations and testing, utility installations (including more than 50 miles of water main for PSLUSD), STA construction, municipal building construction, etc. Project budgets have ranged from \$500 to \$500,000.		
B.	PSLUSD City-Wide Water Main Replacement (Port St. Lucie, FL)	2011	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE David was AACE's Project manager when AACE was requested to provide Geotechnical Consulting and Construction Materials Testing services relative to the expedited replacement of more than 50 miles of water main (ranging from 4-inch diameter to 12-inch diameter mains) throughout the central and eastern portions of Port St. Lucie. Thousands of density tests were conducted on pipe trench backfill. Due to potential impacts to residents and businesses, numerous operations were performed between the hours of 10pm and 6am, requiring a full-time presence by an AACE Senior Field Technician. AACE's budget was approximately \$185,000.		
C.	McCarty Ranch Water Quality Restoration Project - Areas 1, 2, 3 & 4 (Port St. Lucie, FL)	2018	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE David served as <u>Project Manager</u> for construction materials testing during construction of Areas 1 through 4 of the McCarty Ranch water impoundment project, and is currently serving in the same role during construction of Area 2. Services which AACE performs include density testing of compacted earthen berms, ditch/canal demucking observations and backfill testing, laboratory gradation testing of sand diaphragm materials, and compressive strength of concrete testing. AACE's budget is approximately \$55,000 for each area (for a total budget of approximately \$220,000).		
D.	Floresta Boulevard, Phases 1 and 2 (Port St. Lucie, FL)	2019	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE David is currently serving as <u>Project Manager</u> for this roadway construction project. As a subconsultant to Culpepper & Terpening, AACE has performed over 1,000 soil/rock density tests during drainage and utility construction as well as roadway widening. AACE Senior Technicians also provide concrete strength testing during construction of the bridge over the Elkcam Waterway. Lastly, AACE Laboratory Technicians have also performed numerous lab tests including Proctors, LBRs, percent-fines, Atterberg Limits and organic content. AACE's geo-testing budget is approximately \$250,000.		
E.	Village Parkway, Phases I & II (Port St. Lucie, FL)	2007	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE David served as <u>Project Manager</u> for this roadway soil survey consisting of more than 200 soil borings, recommendations relative to roadway construction through 2,000 l.f. of water-filled reservoir, mast-arm signal pole recommendations, surcharging compressible clays, lake explorations relative to soil suitability. Construction materials testing consisting of over 5,000 density tests, 200+ sets of concrete cylinders for compressive strength, 75+ LBRs and as many as four (4) field technicians providing Quality Control service. AACE's budget was approximately \$400,000.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Peter G. Andersen, P.E.	13. ROLE IN THIS CONTRACT Senior Geotechnical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 27	b. WITH CURRENT FIRM 18+

15. FIRM NAME AND LOCATION (City and State)
Andersen Andre Consulting Engineers, Inc. (Port St. Lucie, Florida)

16. EDUCATION (Degree and Specialization) Masters of Science in Geotechnical Engineering, University of Florida (1997); Bachelor of Science in Civil/Structural Engineering, Technical University of Denmark (1995)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer (Discipline of Civil Engineering) in the State of Florida (No. 57956)
--	---

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Peter is experienced providing geotechnical engineering and materials testing for roadway and intersection improvements, utility installations, low- and high-rise structures (including deep-foundation alternatives), STAs, solid waste facilities and port/harbor facilities.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
A.	Crosstown Parkway, from Manth to Floresta (Port St. Lucie, FL)	2014	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Peter served as <u>Project Manager and Senior Geotechnical Engineer</u> for this roadway soil survey consisting of more than 100 soil borings (auger and SPT borings), pavement coring, field exfiltration testing and drilled shaft analyses. Peter provided recommendations relative to roadway construction and mast-arm signal pole recommendations. AACE also performed Level 2 Contamination Screening at several locations along the proposed alternative (Alternative 1C). AACE's budget was approximately \$90,000.		
B.	Community Boulevard (Port St. Lucie, FL)	2009	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Peter served as <u>Senior Geotechnical Engineer</u> for this roadway soil survey consisting of more than 50 soil borings, mast-arm signal pole recommendations, lake explorations relative to soil suitability. Construction materials testing consisting of over 2,000 density tests, 50+ LBRs, paving and subgrade inspections and demucking observations. AACE's budget was approximately \$150,000.		
C.	Village Parkway, Phases I & II (Port St. Lucie, FL)	2007	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Peter served as <u>Senior Geotechnical Engineer</u> for this roadway soil survey consisting of more than 200 soil borings, recommendations relative to roadway construction through 2,000 l.f. of water-filled reservoir, mast-arm signal pole recommendations, surcharging compressible clays, lake explorations relative to soil suitability. Construction materials testing consisting of over 5,000 density tests, 200+ sets of concrete cylinders for compressive strength, 75+ LBRs and as many as four (4) field technicians providing Quality Control services. AACE's budget was approximately \$400,000.		
D.	PSLUSD 24" Southport Backbone Force Main (Port St. Lucie, FL)	2018	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Peter served as <u>Senior Geotechnical Engineer</u> for the extension of this 24" force main that extended from the Southport Wastewater Booster Pump Station to the north, terminating near the intersection of Tiffany Avenue and US 1 (a distance of more than 2 miles). AACE performed numerous SPT and auger borings as well as roadway coring to assist in the project design. Subsequently, AACE technicians performed construction materials testing consisting of soil/rock density testing, LBRs, paving and subgrade inspections and compressive strength of concrete testing. AACE's budget was approximately \$80,000.		
E.	Tradition Medical Center 9-Story Hospital (Tradition, Port St. Lucie, FL)	2011	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE AACE was retained by Martin Health System to prepare a subsurface soil exploration and Geotechnical Engineering Evaluation of the proposed Tradition Medical Center (TMC) facility in 2011. Peter Andersen, P.E. coordinated the performance of numerous SPT borings to evaluate the suitability of the site's soils to support the then-proposed 9-story hospital structure, 4-story parking garage and numerous ancillary site features. Due to the presence of very loose silty soils and the associated risk of excessive settlements, a recommendation of Vibro Replacement Technique (VRT, or "stone columns") was made. AACE was then selected by the Owner to perform construction materials testing for Phase I of the project, including earthwork observations, density testing, fill placement monitoring, concrete testing, etc. Subsequently, in 2014, AACE was retained by the Owner to provide supplemental Geotechnical Engineering services for Phase II of the project including two wing additions, increased parking and significant utility and drainage improvements. AACE Geotechnical Engineering and Materials Testing budget was approximately \$400,000.		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION (City and State)

Crosstown Parkway, from Manth Lane to Floresta Drive, and U.S. Highway 1 at Village Green Drive (Port St. Lucie, Florida)

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2014

CONSTRUCTION (if Applicable)

Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Port St. Lucie

b. POINT OF CONTACT

c/o Mr. Brian Mirson with American Consulting Professionals

c. POINT OF CONTACT TELEPHONE NUMBER

(561) 253-9550

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and cost)

AACE was included on a team of engineering firms to prepare the Design Build Criteria package for the final segment of the City's Crosstown Parkway project. Headed by American Consulting Professionals, AACE was one of two Geotechnical Engineering firms that provided subsurface consulting for the project. Specifically, AACE provided the following services for Alternative 1C (extending Crosstown Parkway from Manth Lane, across the North Fork of the St. Lucie River, to U.S. Highway 1, at it's intersection with Village Green Drive (approximately 1.96 miles):

- Reviewed existing soil information along the alignment;
- Performing 60+ hand (bucket) auger borings along the proposed alignment;
- Performing 18 solid stem auger borings relative to future stormwater ponds;
- Performing LBR testing of subgrade soils along the alignment;
- Sampling and coordinating soil corrosion series testing;
- Coring pavement along West Virginia Drive, Village Green Drive and U.S. Highway 1;
- Conducting 4 Double Ring Infiltration (DRI) testing within shallow roadside swales;
- Preparing a Roadway Soil Survey Report detailing our findings and providing site preparation recommendations;
- Preparing a Mast-Arm Foundation Report for US1/Village Green Drive and for Crosstown/Floresta Intersections;
- Performing a Level 2 Contamination Screening Assessment at the intersection of U.S. Highway 1 and Village Green Drive;

AACE's budget for our services was approximately \$90,000.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME

Andersen Andre Consulting Engineers, Inc.



(2) FIRM LOCATION (City and State)

834 SW Swan Avenue
Port St. Lucie, FL 34983

(3) ROLE

Geotechnical Engineer contracted directly with the Owner's Design Engineer

b. (1) FIRM NAME

(2) FIRM LOCATION (City and State)

(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
 (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

2

21. TITLE AND LOCATION (City and State)

Kanner Highway & Interstate 95 Interchange Improvement Project (Stuart, Florida)

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2014

CONSTRUCTION (if Applicable)
2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Martin County Engineering Department

b. POINT OF CONTACT

Mr. Bobby Byrd

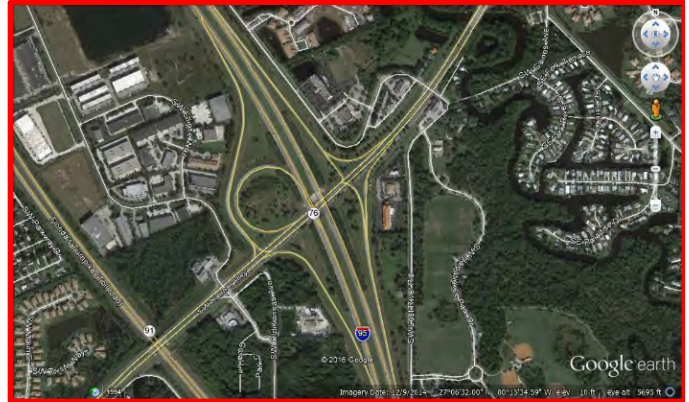
c. POINT OF CONTACT TELEPHONE NUMBER

(772) 221-2300

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and cost)



Due to excessive traffic congestion, Martin County and the FDOT partnered (through a LAP agreement) to construct improvements to Kanner Highway and the on- and off-ramps of Interstate 95. Improvements included lane widening, construction of additional turn lanes, drainage improvements, installation of drilled shafts for new mast-arm signalization, removal of unsuitable soils, and the construction of several retaining walls. AACE, through our continuing service contract with Martin County, was requested to perform construction materials testing services for the improvements in accordance with all applicable FDOT specifications. AACE's Project Manager, David P. Andre, P.E., works closely with Martin County's staff as well as FDOT personnel (including entering all testing data into the FDOT's LIMS testing database and preparing an FDOT Earthwork Density Log Book).



AACE's team of FDOT/CTQP-certified technicians are currently performing significant testing for the project, including the following:

- Soil and rock density testing for roadway embankment and drainage improvements
- Preparation and data entry into an FDOT Earthwork Log Book
- Laboratory characterization testing of soil (percent fines, moisture content, organic content, etc.)
- LBR and Proctor testing
- Compressive strength of concrete testing
- Asphalt coring, asphalt backscatter density testing and paving inspections
- Drilled concrete and slurry testing
- Roadway string-line inspections
- Roadway cross-slope determinations
- Backfilling monitoring

AACE's budget for the project is approximately \$240,000.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	Andersen Andre Consulting Engineers, Inc.	 834 SW Swan Avenue Port St. Lucie, FL 34983	Geotechnical Engineer contracted directly to the Owner
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

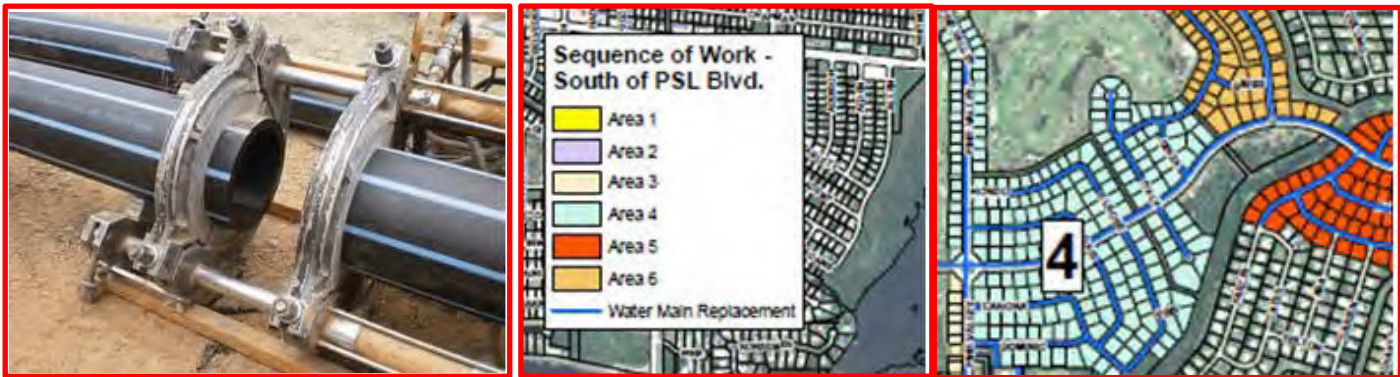
F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION (City and State) Port St. Lucie City-Wide Water Main Replacement Project (Port St. Lucie, Florida)		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2012 CONSTRUCTION (if Applicable): 2013
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Port St. Lucie Utility Services Dept.	b. POINT OF CONTACT Ms. Lisa Campbell	c. POINT OF CONTACT TELEPHONE NUMBER (772) 873-6301
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and cost)		

AACE was requested to provide Geotechnical Consulting and Construction Materials Testing services relative to the expedited replacement of more than 50 miles of water main (ranging from 4-inch diameter to 12-inch diameter mains) throughout the central and eastern portions of Port St. Lucie. Thousands of density tests were conducted on pipe trench backfill. Due to potential impacts to residents and businesses, numerous operations were performed between the hours of 10pm and 6am, requiring a full-time presence by an AACE Senior Field Technician. Services that AACE performed included the following:



- Laboratory Proctor and LBR Testing
- Density Testing of Trench Backfill and Roadway Base Rock
- Sampling of Water for Bacteriological (Bac-T) Testing
- Concrete Testing for Sidewalk and Driveway Repairs

AACE's budget for the project was approximately \$150,000.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Andersen Andre Consulting Engineers, Inc.	(2) FIRM LOCATION (City and State) 834 SW Swan Avenue Port St. Lucie, FL 34983	(3) ROLE Geotechnical Engineer contracted directly to the Owner
b. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

21. TITLE AND LOCATION (City and State) Village Parkway, from Becker Road to Tradition Parkway (Port St. Lucie, Florida)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2007	CONSTRUCTION (if Applicable) 2011

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Port St. Lucie	b. POINT OF CONTACT Mr. James Angstadt, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (772) 871-5177

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and cost)



AACE was retained by the City of Port St. Lucie to perform subsurface explorations and testing services during the construction of this proposed 6-mile roadway and associated utility improvements. AACE personnel performed more than 150 hand auger borings for the proposed roadways, and borings for proposed mast arm signal retention ponds (borrow areas). Due to the presence of shallow and clay soils combined with the significant quantity of embankment roadway to grade, settlement calculations revealed the potential for settlements. Therefore, AACE recommended, designed and surcharge program for the project that was designed to address the corridor. This solution to potential settlements eliminated the need for costly geo-textiles (estimated to cost more than \$300k). During the project, AACE coordinated significant laboratory testing of soil samples (Atterberg Limits, sieve analysis, hydrometer testing, etc.) to ensure the most practical and economical solution to potential settlements.



Lucie to perform inspection/materials of this proposed 6-mile roadway and associated utility improvements. AACE personnel performed more than 150 hand auger borings for the proposed roadways, and borings for proposed mast arm signal retention ponds (borrow areas). Due to the presence of shallow and clay soils combined with the significant quantity of embankment roadway to grade, settlement calculations revealed the potential for settlements. Therefore, AACE recommended, designed and surcharge program for the project that was designed to address the corridor. This solution to potential settlements eliminated the need for costly geo-textiles (estimated to cost more than \$300k). During the project, AACE coordinated significant laboratory testing of soil samples (Atterberg Limits, sieve analysis, hydrometer testing, etc.) to ensure the most practical and economical solution to potential settlements.

Subsequent to our Geotechnical Engineering services during design, AACE provided construction materials testing of this roadway, beginning in August 2007 and ending in April 2011. AACE had as many as 4 technicians staffing the project to facilitate an aggressive construction schedule. Beyond typical field density testing, AACE also performed wetland/canal/ditch/reservoir demucking monitoring, surcharge monitoring, paving monitoring and piezometer installations accompanied by groundwater level monitoring. Our services included the following:

- Soil and rock density testing
- Laboratory characterization testing of soil (percent fines, moisture content, organic content, etc.) , permeability
- LBR and Proctor testing
- Compressive strength of concrete testing
- Paving observations
- Ditch and Reservoir demucking observations
- Backfilling monitoring
- Groundwater table monitoring



AACE's budget for the project was approximately \$400,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Andersen Andre Consulting Engineers, Inc.	(2) FIRM LOCATION (City and State) 834 SW Swan Avenue Port St. Lucie, FL 34983	(3) ROLE Geotechnical Engineer contracted directly to the Owner
b. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY NUMBER

5

21. TITLE AND LOCATION (City and State)

22. YEAR COMPLETED

Numerous L.A.P. Funded Sidewalk Projects (Port St. Lucie, Florida)

PROFESSIONAL SERVICES

CONSTRUCTION (if Applicable)

2011

2014

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

b. POINT OF CONTACT

c. POINT OF CONTACT TELEPHONE NUMBER

City of Port St. Lucie

Mr. James Angstadt, P.E.

(772) 871-5177

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and cost)



AACE was selected to perform Geotechnical Engineering explorations and construction materials testing services for numerous sidewalk design and construction projects throughout the City of Port St. Lucie. A few representative projects included the following:

- Marion Avenue Sidewalk (\$10,000)
- Lyngate Drive Sidewalk and Drainage Improvements (\$7,500)
- Melaleuca Boulevard Sidewalk (\$3,500)
- Savona Boulevard Sidewalk and Pedestrian Bridge (\$5,000)
- Mariposa Avenue Sidewalk (\$2,500)
- Tiffany Avenue Sidewalk (\$3,500)
- Thornhill Avenue Sidewalk (\$2,800)
- Morningside Avenue Sidewalk (\$2,500)
- Floresta Boulevard Sidewalk (\$2,500)
- Darwin Boulevard Sidewalk and Pedestrian Bridge (\$5,000)



Where AACE provided design services, we routinely performed one 5-foot auger boring for every 250 l.f. of planned sidewalk. Laboratory testing of selected soil samples would then be performed to explore the characteristics and behavior of the foundation soils. During construction, AACE testing personnel would perform soil density testing of the sidewalk subgrade, and explore the compressive strength of concrete used in sidewalk construction.

For the Savonna Bouelvard pedestrian bridge, AACE performed soil density and concrete testing in accordance with FDOT standards and specifications, including entering all test results associated with the bridge into the LIMS database.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
Andersen Andre Consulting Engineers, Inc.	834 SW Swan Avenue Port St. Lucie, FL 34983	Geotechnical Engineer contracted with the Owner
b. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY NUMBER

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

6

21. TITLE AND LOCATION (City and State)

22. YEAR COMPLETED

Railroad Avenue, from Indian Street to Garden Street (Stuart, Florida)

PROFESSIONAL SERVICES

CONSTRUCTION (if Applicable)

2013

2014

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

b. POINT OF CONTACT

c. POINT OF CONTACT TELEPHONE NUMBER

Martin County Engineering Department

Mr. Paul Bangs, P.E.

(772) 463-2848

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and cost)



AACE was requested to perform construction materials testing services for Martin County's ½ mile Railroad Avenue project beginning in 2013. While on-site, our scope of services was modified to include CEI services for Martin County (supplementing the efforts performed by the County's inspectors). Due to the presence of reported petroleum contamination throughout the alignment, no dewatering was permitted during construction. Therefore, the use of coarse aggregate and alternative compaction techniques became necessary, with AACE's Brian Smith providing crucial and timely recommendations in this regard. Significant soil sampling and analytical testing of soil was performed to assist in determining the ultimate disposition of soils generated during this "cut" project. AACE Services included the following:

- Soil and rock density testing
- Laboratory characterization testing of soil (percent fines, moisture content, organic content, etc.)
- LBR and Proctor testing
- Compressive strength of concrete testing
- Construction Engineering Inspection
- Paving observations
- Soil sampling for contamination determinations
- Backfilling monitoring

AACE's budget for the project was approximately \$60,000.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME

(2) FIRM LOCATION (City and State)

(3) ROLE

Andersen Andre Consulting Engineers, Inc.



834 SW Swan Avenue
Port St. Lucie, FL 34983

Geotechnical Engineer contracted directly to the Owner

b. (1) FIRM NAME

(2) FIRM LOCATION (City and State)

(3) ROLE

c. (1) FIRM NAME

(2) FIRM LOCATION (City and State)

(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 7
21. TITLE AND LOCATION (City and State) Community Boulevard (Port St. Lucie, Florida)		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2007 CONSTRUCTION (if Applicable): 2010

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Port St. Lucie	b. POINT OF CONTACT Mr. James Angstadt, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (772) 871-5177

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and cost)



AACE was retained by the City of Port St. Lucie to perform subsurface explorations and inspection/materials testing services during the construction of this proposed 4-lane, 1-mile roadway and associated utility improvements. AACE personnel performed more than 50 hand auger borings for the proposed roadways, and more than 20 SPT borings for proposed mast arm signal poles and large retention ponds (borrow areas). The alignment also crossed



several major drainage canals, ditches and wetlands. Therefore, AACE assisted in determining the quantity of undesirable soils and muck from these elements.

Subsequent to our Geotechnical Engineering services during design, AACE provided construction materials testing of this roadway, beginning in 2009 and ending in 2010. AACE has had as many as 3 technicians staffing the project to facilitate an aggressive construction schedule. Our testing services included the following:



- Soil and rock density testing
- Laboratory characterization testing of soil (percent fines, moisture content, organic content, etc.)
- LBR and Proctor testing
- Compressive strength of concrete testing
- Paving observations
- Ditch, canal and wetland demucking observations
- Backfilling monitoring
- Groundwater table monitoring

AACE's budget for the project was approximately \$150,000.



a.	(1) FIRM NAME Andersen Andre Consulting Engineers, Inc.	(2) FIRM LOCATION (City and State)  834 SW Swan Avenue Port St. Lucie, FL 34983	(3) ROLE Geotechnical Engineer contracted directly to the Owner
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

21. TITLE AND LOCATION (City and State) Discovery Way, East and West (Port St. Lucie, Florida)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION (if Applicable) 2010

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Port St. Lucie	b. POINT OF CONTACT Mr. James Angstadt, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (772) 871-5177

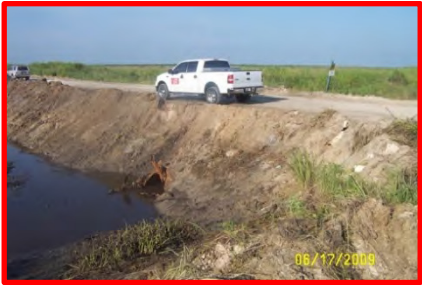
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and cost)



AACE was retained by the City of Port St. Lucie to perform subsurface explorations and inspection/materials testing services during the construction of this proposed 2-lane, 1/2-mile roadway and associated utility improvements. AACE personnel performed more than 50 hand auger borings for the proposed roadways. The alignment was designed/constructed atop a major agricultural drainage canal. Therefore, AACE assisted in determining the quantity of undesirable soils and muck from this waterway. AACE also provided construction materials testing of this roadway, beginning in 2009 and ending in 2010. AACE has had as many as 3 technicians staffing the project to facilitate an aggressive construction schedule. Our services included the following:

- Soil borings to explore the depth of deleterious subsurface conditions
- Muck probing within canals and wetlands
- Permeability Testing
- Soil and rock density testing
- Laboratory characterization testing of soil (percent fines, moisture content, organic content, etc.)
- LBR and Proctor testing
- Compressive strength of concrete testing
- Paving observations
- Ditch demucking observations
- Backfilling monitoring
- Groundwater table monitoring

AACE's budget for the project was approximately \$60,000.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Andersen Andre Consulting Engineers, Inc.	(2) FIRM LOCATION (City and State) 834 SW Swan Avenue Port St. Lucie, FL 34983	(3) ROLE Geotechnical Engineer contracted directly to the Owner
b. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 9
21. TITLE AND LOCATION (City and State) Discovery Way Extension, Tradition Medical Center Access Route (Port St. Lucie, Florida)		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2013 CONSTRUCTION (if Applicable): 2014

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Tradition Florida	b. POINT OF CONTACT Mr. Darren Weimer, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (772) 370-2468

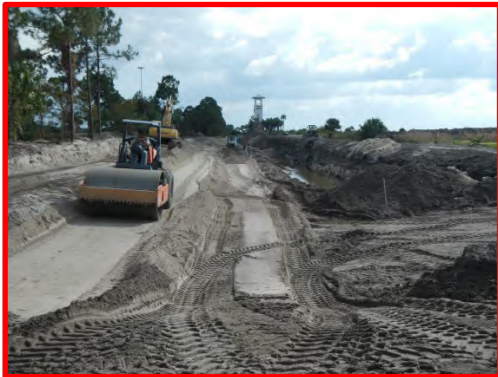
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and cost)

AACE was retained by Tradition Florida (the developer of the Tradition area of Port St. Lucie, Florida) to perform subsurface explorations relative to the design of approximately ½ mile of 2-lane roadway. The road was an extension of Discovery Way East (for which AACE performed geotechnical consulting and materials testing services on behalf of the City of Port St. Lucie) and also an alternative/emergency route for the newly constructed Tradition Medical Center (a new 9-story hospital recently for which AACE has performed geotechnical consulting and materials testing services on behalf of Martin Health System since 2010). The roadway was constructed atop a major canal (Duda Canal, approximately 15 feet deep and 75 feet wide). Therefore, AACE provided canal reclamation recommendations to be followed during roadway construction.

AACE provided construction materials testing of this roadway, beginning in mid 2013 and ending in 2014, that included the following:

- Soil borings to explore the depth of deleterious subsurface conditions
- Muck probing within canals and wetlands
- Soil and rock density testing
- Laboratory characterization testing of soil (percent fines, moisture content, organic content, Atterberg limits, etc.)
- LBR and Proctor testing
- Compressive strength of concrete testing
- Paving observations
- Ditch and wetland demucking observations
- Backfilling monitoring
- Groundwater table monitoring

The testing budget for the project was approximately \$60,000.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Andersen Andre Consulting Engineers, Inc.	(2) FIRM LOCATION (City and State) 834 SW Swan Avenue Port St. Lucie, FL 34983	(3) ROLE Geotechnical Engineer contracted directly to the Owner
b. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 10
21. TITLE AND LOCATION (City and State) Tradition Medical Center (TMC), Phases I & II (Tradition, Port St. Lucie, Florida)		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2011 CONSTRUCTION (if Applicable): Ongoing
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Martin Health System	b. POINT OF CONTACT Mr. Matt Kelly	c. POINT OF CONTACT TELEPHONE NUMBER (772) 223-5945
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and cost)		

AACE was retained by Martin Health System to prepare a subsurface soil exploration and Geotechnical Engineering Evaluation of the proposed Tradition Medical Center (TMC) facility in 2011. Peter Andersen, P.E. coordinated the performance of numerous SPT borings to evaluate the suitability of the site's soils to support the then-proposed 9-story hospital structure, 4-story parking garage and numerous ancillary site features. Due to the presence of very loose silty soils and the associated risk of excessive settlements, a recommendation of Vibro Replacement Technique (VRT, or "stone columns") was made. AACE's engineering staff assisted the Owner in interviewing VRT contractors and subsequently monitored the VRT for adherence to the project's specifications and the relative effectiveness of the treatment. AACE was then selected by the Owner to perform construction materials testing for Phase I of the project, including earthwork observations, density testing, fill placement monitoring, concrete testing, etc. Subsequently, in 2014, AACE was retained by the Owner to provide supplemental Geotechnical Engineering services for Phase II of the project including two wing additions, increased parking and significant utility and drainage improvements. We note that much of our services was performed alongside CPSL and PSLUSD personnel, including subgrade inspections, utility backfill, and the preparation of a density log book in accordance with PSLUSD specifications. Services that AACE provided included the following:




- Soil borings (SPT and auger)
- Demucking estimates and monitoring
- Geotechnical Engineering analyses
- VRT Monitoring
- Soil and rock density testing
- Fill placement monitoring
- Concrete compressive strength testing
- Laboratory testing (including LBR and Proctor testing)
- Asphalt paving monitoring and testing
- Drainage explorations
- Water quality evaluation for Chiller Systems
- Paint thickness and Spray-On fire proofing thickness measurements



AACE's budget for the project was approximately \$400,000.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Andersen Andre Consulting Engineers, Inc.	(2) FIRM LOCATION (City and State)  834 SW Swan Avenue Port St. Lucie, FL 34983	(3) ROLE Geotechnical Engineer contracted directly to the Owner
b. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Peter G. Andersen, P.E.	Senior Project Engineer	X	X	X	X	X	X	X	X	X	X
David P. Andre, P.E.	Project/Contract Manager	X	X	X	X	X	X	X	X	X	X

29. EXAMPLE PROJECTS KEY			
NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Crosstown Parkway, from Manth Lane to Floresta Blvd.	6	Railroad Avenue, from Indian Street to Garden Street
2	Kanner Highway and I-95 Interchange	7	Community Boulevard
3	Port St. Lucie City-Wide Water Main Replacement Project	8	Discovery Way, East and West
4	Village Parkway, from Becker Rd. to Tradition Parkway	9	Discovery Way Extension, Tradition Medical Center Access Route
5	Numerous L.A.P. Funded Sidewalk Projects for CPSL	10	Tradition Medical Center (Phases I & II)

ARCHITECT – ENGINEER QUALIFICATIONS


1. SOLICITATION NUMBER
E-RFP #20230087

PART II – GENERAL QUALIFICATIONS

2a. FIRM (OR BRANCH OFFICE) NAME Andersen Andre Consulting Engineers, Inc.			3. YEAR ESTABLISHED 2005	4. DUNS NUMBER 36 104 27 52
2b. STREET 834 SW Swan Avenue			5. OWNERSHIP	
2c. CITY Port St. Lucie			2d. STATE FL	2e. ZIP CODE 34983
6a. POINT OF CONTACT NAME AND TITLE David P. Andre, P.E., President			a. TYPE Corporation	
6b. TELEPHONE NUMBER (772) 807-9191		6c. E-MAIL ADDRESS dandre@aaceinc.com		
8a. FORMER FIRM NAME(S) (if any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER
7. NAME OF FIRM (if block 2a is a branch office)				

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) Firm	(2) Branch			
12	Civil Engineer	1		B02	Bridges	1
23	Environmental Engineer	1		C10	Commercial Buildings (low rise), Shopping Centers	2
27	Foundation/Geotechnical Engineer	1		E02	Educational Facilities, Classrooms	1
58	Technician/Analyst	6		E09	Environmental Impact Studies, Assessments	2
				H07	Highways, Streets	2
				H11	Housing (Residential, Multi-family, Apartments)	1
				I06	Irrigation/Drainage	1
				L04	Libraries	1
				M06	Mining and Mineralogy	1
				O01	Office Buildings	2
				R04	Recreational Facilities	1
				R11	Rivers, Canals, Waterways	1
				S05	Soils & Geologic Studies, Foundations	4
				S13	Stormwater Handling Facilities	2
				T02	Testing and Inspection Services	4
				W01	Warehouses and Depots	1
				W02	Water Resources	1
				W03	Water Supply	1
				H09	Hospitals, Medical Facilities	2
TOTAL		9				

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

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.	
a. SIGNATURE 	b. DATE September 19, 2023
c. NAME AND TITLE David P. Andre, P.E., President/Principal	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete on section E for each key person.)

12. NAME Richard E. Barnes, Jr., PSM	13. ROLE IN THIS CONTRACT Senior Project Manager, Survey	14. YEARS EXPERIENCE	
		a. TOTAL 46	b. WITH CURRENT FIRM 6.5

15. FIRM NAME AND LOCATION (City and State)
Bowman Consulting Group Ltd. (Stuart, FL)

16. EDUCATION (DEGREE AND SPECIALIZATION) A.S. Land Surveying, Palm Beach State College (graduated with Presidential Honors)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Surveyor & Mapper: Florida (#LS5173)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Professional Surveyor & Mapper: Florida (#LS5173)
Member, Florida Surveying & Mapping Society (FSMS)

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Port St. Lucie Public Works Facility (Port St. Lucie, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. Project Manager for a boundary/topographic survey for the PSL Public Works Facility, which included a full boundary survey that retraced and monumented the boundary lines. A property information report was reviewed, and the encumbrances were plotted on the survey drawing. All structures, improvements, utilities and drainage features were located along with the appropriate invert elevations determined. Surface elevations were collected at a frequency suitable for creating contours at a 1-ft interval. Bowman also completed SUE investigation of the property that identified all buried underground utilities. The survey encompassed approximately 9 acres. Subconsultant to CPZ Architects. Fees: \$44,582.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State) Port St. Lucie Municipal Complex (Port St. Lucie, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. Project Manager. ALTA/NSPS land title boundary/topographic survey of the entire complex for the design of improvements to the police training facility. The survey encompassed +/- 23 acres. 23 title policies were reviewed and encumbrances were plotted. All structures, improvements, trees, utilities and drainage features were located along with the appropriate invert elevations determined. Also completed SUE investigation of the property that identified buried utilities. Surface elevations were collected at a frequency suitable for creating contours at a 1-ft interval. A legal description and sketch was prepared for the abandonment of a portion of the Best Street right-of-way. Subconsultant to CPZ Architects, Inc. Fees: \$73,860.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State) Port St. Lucie Canal Surveys (Port St. Lucie, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. Project Manager for hydrographic surveys along portions of Kingsway, Rivergate, Ocean Breeze and River Vista Canals. The surveys were complete in support of a City dredging project. Cross sections were taken of the canals to determine the depth and the thickness of the silt layer. The survey drawing included plan sheets showing contours at 1-ft intervals and color banding showing various depths. Cross section sheets plotted showing the top of the silt layer and the firm canal bottom layer. Subconsultant to American Consulting. Fees: \$38,885.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State) Port St. Lucie Bus Shelter Sites (Port St. Lucie, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. Project Manager for topographic surveys of 6 City bus shelter locations: NW Courtyard Cir & NW Peacock Blvd, St. Lucie West Blvd & SW Bethany Dr, St. Lucie West Blvd at Martin Memorial Hospital; SW Village Green Dr & SE Royal Cir; & Prima Vista Blvd & Bayshore Blvd. Surveys were completed in support of the design of bus shelters at said locations. All improvements, utilities and drainage features were located along with the appropriate invert elevations determined. Monumentation was located to accurately plot the road rights-of-way. Subconsultant to American Consulting. Fees: \$21,150.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State) SW Gatlin Blvd & SW Savona Blvd (Port St. Lucie, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. Project Manager for a topographic survey completed at the intersection of SW Gatlin & SW Savona Boulevards in support of road improvements design. Survey included locating all improvements, vegetation, utilities and drainage features along with the appropriate invert elevations determined throughout the right-of-way and approximately 25 ft outside. Survey limits covered 4,500 LF of road right-of-way. Boundary monumentation was located in order to accurately depict the road rights-of-way on the survey drawing. A SUE investigation was performed at the intersection to determine the location of buried utilities. Subconsultant to American Consulting. Fees: \$37,400.		
<input checked="" type="checkbox"/> Check if project performed with current firm		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete on section E for each key person.)

12. NAME Steve Brickley, PSM	13. ROLE IN THIS CONTRACT Principal/QA/QC Manager, Survey	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 10

15. FIRM NAME AND LOCATION (City and State)
Bowman Consulting Group Ltd. (Stuart, FL)

16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. Geomatics, University of Florida B.A. Liberal Studies, University of Central Florida	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Surveyor & Mapper: Florida (#LS6841)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
 FDOT Intermediate MOT Member, Florida Surveying & Mapping Society (FSMS)
 OSHA 10 Construction Safety National Society of Professional Surveyors (NSPS)
 NSC CPR/First Aid

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Selvitz Road Sidewalk (Port St. Lucie, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Completed surveys for improvements (road/driveway/yard topo, existing drainage structure as-builts & elevations) from the roadway centerline to 15 ft outside the west right-of-way line of Selvitz Rd. Survey was bound on the north by existing pedestrian crossing/sidewalk (on the south side of the roundabout) and bound on the south by the sidewalk on the south side of Floresta Dr. Elevations were based on NAVD 88 with horizontal/vertical control established at max 1,000-ft intervals. Survey includes Selvitz Rd right-of-way resolution and baseline stationing. Sub to American Consulting. Fees: \$5,900.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) Mariposa Avenue Sidewalks (Port St. Lucie, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager/Project Surveyor for this City of Port St. Lucie Local Administered Project (LAP). Survey services provided included a route topographic survey of 0.5 mile of right-of-way for sidewalk design and utility relocation along Mariposa Avenue. Fees: \$5,350.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) Farmers Market Road Culvert Replacement (St. Lucie County, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager for a control and topographic survey for base map and design and construction of new drainage improvements including the replacement of an existing deteriorated 36-in culvert with approximately 60 LF of box culvert. The exiting culvert ran from the 7th Street ditch south underneath Farmer's Market Road to the south right-of-way line. Bowman performed a topographic survey, base mapping, right-of-way locations, utility locations and easement preparation. Fees: \$11,500.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) Mann Research Center (Port St. Lucie, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This 22.5-acre project was surveyed initially for site planning and documentation purposes for the volume of an active fill stockpile on-site. Professional surveyors have reviewed the title to determine any issues within the master planned development that affect the property. Additionally, the site was subdivided through the City of Port St Lucie platting process with minimal comments required by City review staff. Fees: \$116,500.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) FDOT District 4, SR-9 at St. Lucie West Blvd Bridge (Port St. Lucie, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor. Bowman was responsible for setting 40 secondary control points, verifying and establishing coordinates, establishing elevations, locating existing right-of-way and subdivision monuments, preparing a baseline of survey worksheet, calculating existing right-of-way lines, setting aerial targets, conducting a DTM topographic survey, surveying 48 drainage structures, conducting a 3D laser scan of the top and bottom of the existing St. Lucie West Blvd bridge over SR-9, locating section corners and monuments, and locating subdivision block corners and PRMs. Fees: \$88,790.	<input checked="" type="checkbox"/> Check if project performed with current firm	

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER
1

21. TITLE AND LOCATION <i>(City and State)</i> Port St. Lucie Canals (Port St. Lucie, FL)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(If applicable)</i> N/A

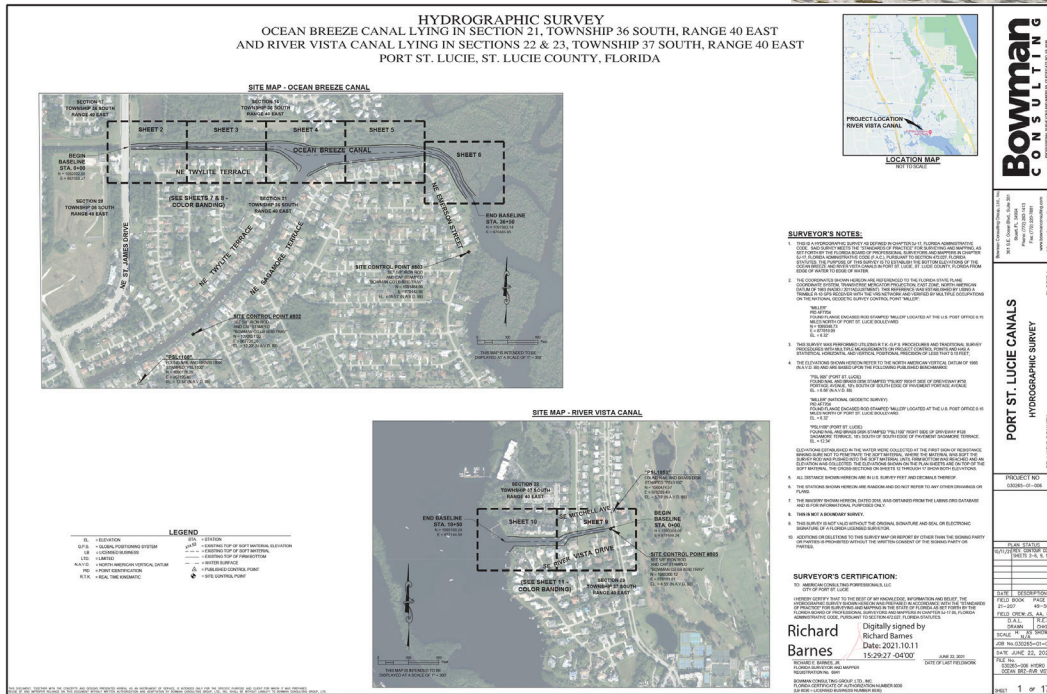
23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Port St. Lucie	b. POINT OF CONTACT NAME Jaime R. Celler, PE (American Consulting)	c. POINT OF CONTACT TELEPHONE NUMBER 850.519.2689
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Bowman completed hydrographic surveys along portions of Kingsway, Rivergate, Ocean Breeze and River Vista Canals. The surveys were complete in support of a City dredging project. Cross sections were taken of the canals to determine the depth and the thickness of the silt layer. The survey drawing included plan sheets showing contours at one-foot intervals and color banding showing various depths. Cross section sheets plotted showing the top of the silt layer and the firm canal bottom layer. Bowman was the surveying subconsultant to American Consulting.

Survey Fees: \$38,885.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Bowman Consulting Group Ltd.	Stuart, FL	Surveying & Mapping (Subconsultant)

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER
2

21. TITLE AND LOCATION *(City and State)*
Port St. Lucie Bus Shelter Sites (Port St. Lucie, FL)

22. YEAR COMPLETED
 PROFESSIONAL SERVICES 2022
 CONSTRUCTION *(If applicable)* N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER
City of Port St. Lucie

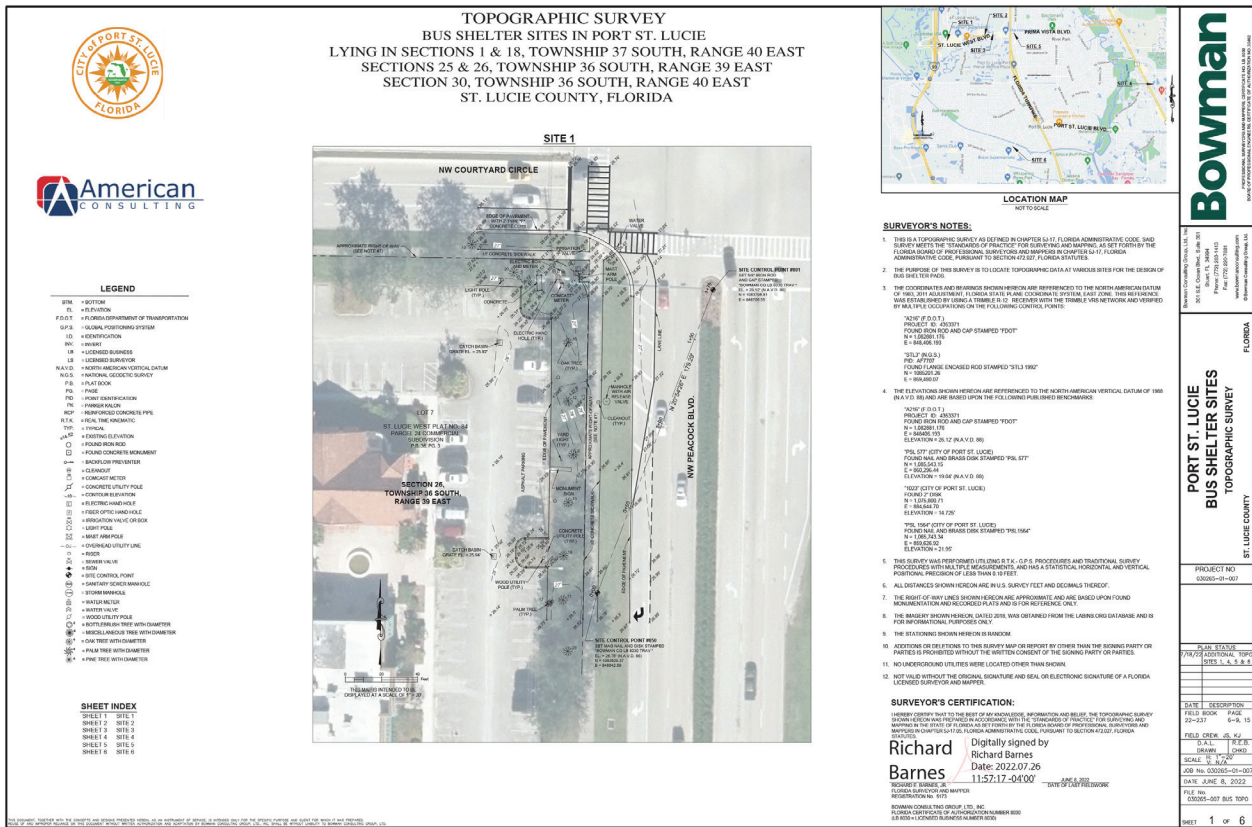
b. POINT OF CONTACT NAME
Jaime R. Celler, PE (American Consulting)

c. POINT OF CONTACT TELEPHONE NUMBER
850.519.2689

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Bowman completed topographic surveys at six proposed City of Port St. Lucie bus shelter locations. The surveys were located at the following locations; NW Courtyard Cir. & NW Peacock Blvd., St. Lucie West Blvd. & SW Bethany Dr., St. Lucie West Blvd. at Martin Memorial Hospital, SW Village Green Dr. & SE Royal Cir. & Prima Vista Blvd. & Bayshore Blvd. The surveys were completed in support of the design of bus shelters at said locations. All improvements, utilities and drainage features were located along with the appropriate invert elevations determined. Monumentation was located to accurately plot the road rights-of-way. Bowman was the surveying subconsultant to American Consulting.

Survey Fees: \$21,150.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	Bowman Consulting Group Ltd.	Stuart, FL	Surveying & Mapping (Subconsultant)

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER
3

21. TITLE AND LOCATION <i>(City and State)</i> SW Gatlin Blvd & SW Savona Blvd (Port St. Lucie, FL)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2023	CONSTRUCTION <i>(If applicable)</i> N/A

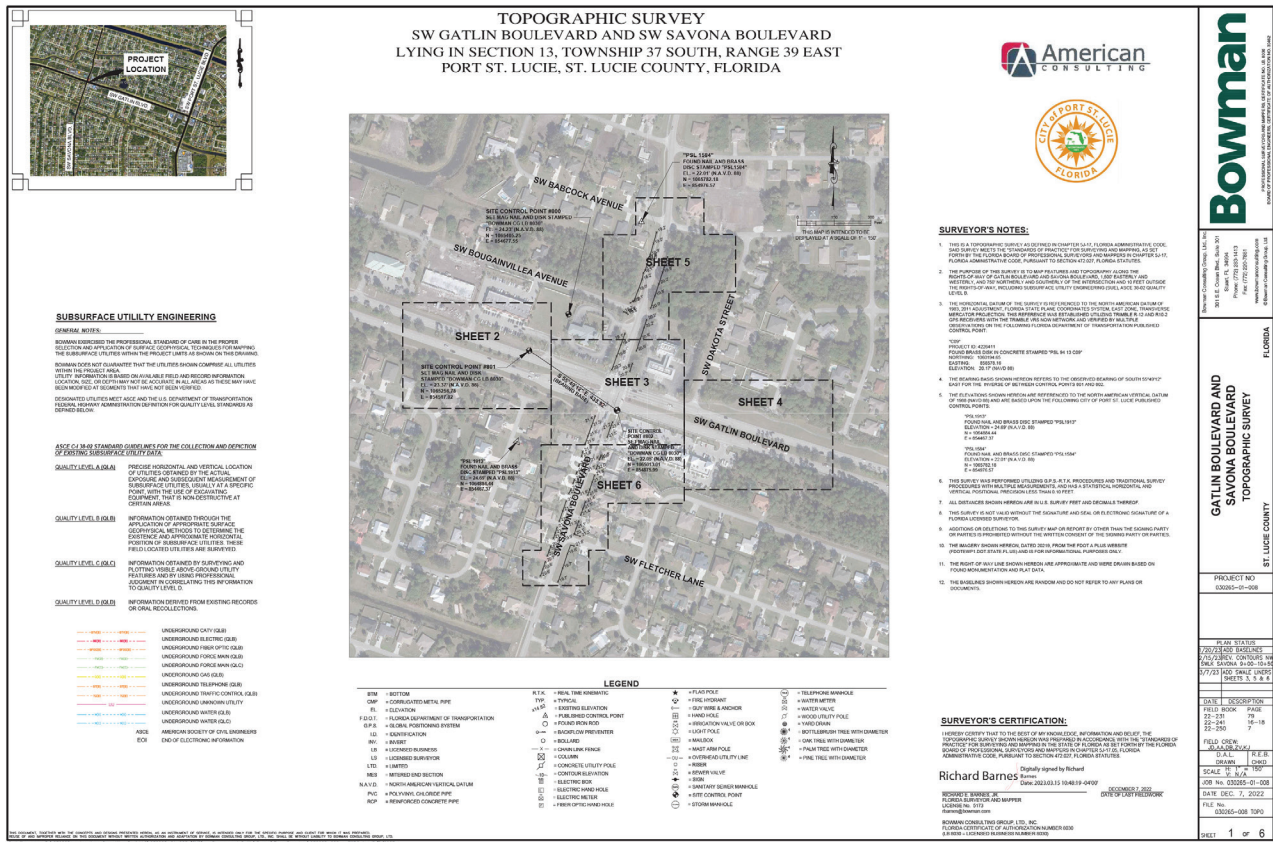
23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Port St. Lucie	b. POINT OF CONTACT NAME Jaime R. Celler, PE (American Consulting)	c. POINT OF CONTACT TELEPHONE NUMBER 850.519.2689
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Bowman completed a Topographic Survey at the intersection of SW Gatlin Blvd. and SW Savona Blvd. to support the design of road improvements. The survey included locating all improvements, vegetation, utilities and drainage features along with the appropriate invert elevations determined throughout the right-of-way and approximately 25 feet outside. The survey limits covered 4,500 linear feet of road right-of-way. Boundary monumentation was located in order to accurately depict the road rights-of-way on the survey drawing. A subsurface utility investigation was performed at the intersection to determine the location of buried utilities. Bowman was the surveying subconsultant to American Consulting.

Survey Fees: \$37,400.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Bowman Consulting Group Ltd.	Stuart, FL	Surveying & Mapping (Subconsultant)

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER
4

21. TITLE AND LOCATION *(City and State)*
Port St. Lucie Public Works Facility (Port St. Lucie, FL)

22. YEAR COMPLETED
 PROFESSIONAL SERVICES: 2021
 CONSTRUCTION *(If applicable)*: N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER
City of Port St. Lucie

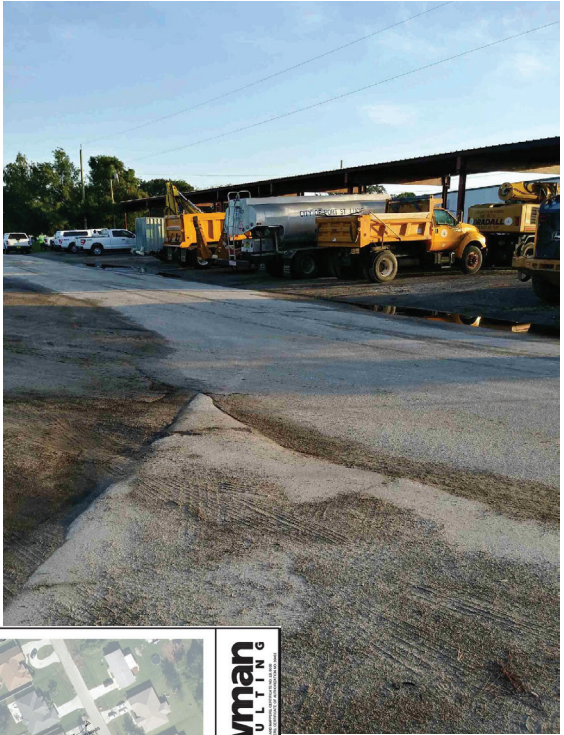
b. POINT OF CONTACT NAME
Chris P. Zimmerman, AIA (CPZ Architects, Inc.)

c. POINT OF CONTACT TELEPHONE NUMBER
954.328.2276

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Bowman completed a boundary and topographic survey for the Port Saint Lucie Public Works Facility. The survey included a full boundary survey that retraced and monumented the boundary lines. A property information report was reviewed, and the encumbrances were plotted on the survey drawing. All structures, improvements, utilities, and drainage features were located along with the appropriate invert elevations determined. Surface elevations were collected at a frequency suitable for creating contours at a one-foot interval. Bowman also completed a subsurface utility investigation of the property that identified all buried underground utilities. The survey encompassed approximately nine acres. Bowman was the surveying subconsultant to CPZ Architects, Inc.

Survey Fees: \$44,582.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Bowman Consulting Group Ltd.	Stuart, FL	Surveying & Mapping (Subconsultant)

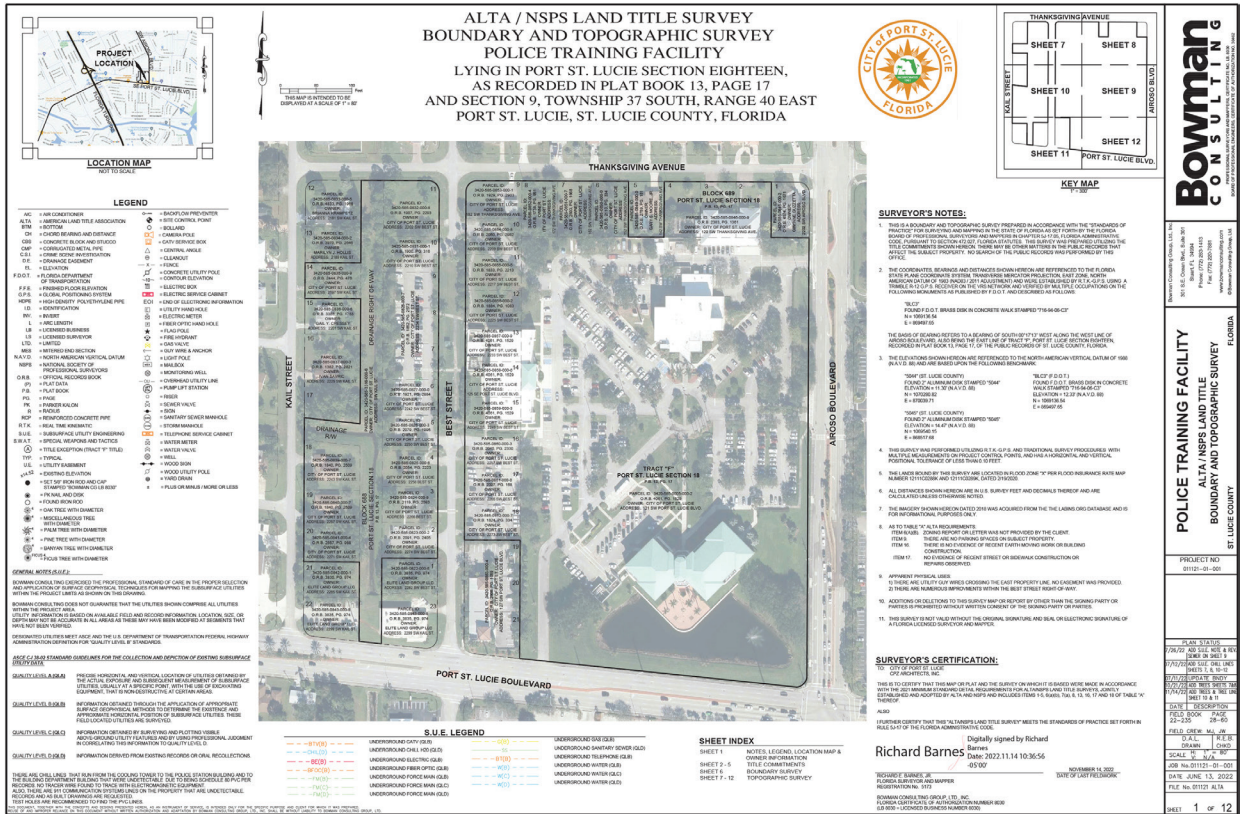
F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 5
21. TITLE AND LOCATION <i>(City and State)</i> Port St. Lucie Municipal Complex (Port St. Lucie, FL)		22. YEAR COMPLETED PROFESSIONAL SERVICES 2021 CONSTRUCTION <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Port St. Lucie	b. POINT OF CONTACT NAME Chris P. Zimmerman, AIA (CPZ Architects, Inc.)	c. POINT OF CONTACT TELEPHONE NUMBER 954.328.2276

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Bowman completed an ALTA/NSPS land title boundary and topographic survey of the entire Port St. Lucie Municipal Complex for the design of improvements to the police training facility. The survey encompassed approximately 23 acres. 23 separate title policies were reviewed, and all encumbrances were plotted on the survey drawing. All structures, improvements, trees, utilities, and drainage features were located along with the appropriate invert elevations determined. Bowman also completed a subsurface utility investigation of the property that identified all buried underground utilities. Surface elevations were collected at a frequency suitable for creating contours at a one-foot interval. A legal description and sketch was prepared for the abandonment of a portion of the Best Street right-of-way. Bowman was the surveying subconsultant to CPZ Architects, Inc.

Survey Fees: \$73,860.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Bowman Consulting Group Ltd.	(2) FIRM LOCATION <i>(City and State)</i> Stuart, FL	(3) ROLE Surveying & Mapping (Subconsultant)

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 6
21. TITLE AND LOCATION <i>(City and State)</i> SW Becker Road I-95 Interchange (Port St. Lucie, FL)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2023	CONSTRUCTION <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Port St. Lucie	b. POINT OF CONTACT NAME John M. Rossi, PSM	c. POINT OF CONTACT TELEPHONE NUMBER 772.812.6682
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Bowman prepared 46 legal descriptions with sketches at the SW Becker Road and I-95 interchange. The legal descriptions were created to transfer title of the land from the City of Port St. Lucie to the Florida Department of Transportation (FDOT). The legal descriptions and sketches were delivered to the City Surveyor in April of 2023. The City is in the process of acquiring title reports for the properties to provide to the FDOT to finalize the descriptions.

Survey Fees: \$15,975.00



EXHIBIT "A"
LEGAL DESCRIPTION TO ACCOMPANY SKETCH
LYING IN PORT ST. LUCIE SECTION THIRTY THREE, RECORDED IN PLAT BOOK 15, PG. 1, SECTION 36, TOWNSHIP 37 SOUTH, RANGE 39 EAST, SAINT LUCIE COUNTY, FLORIDA

LEGAL DESCRIPTION:
A PARCEL OF LAND LYING IN SECTION 36, TOWNSHIP 37 SOUTH, RANGE 39 EAST, SAINT LUCIE COUNTY, FLORIDA MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF TRACT "C", BLOCK 2202 ACCORDING TO THE PLAT OF PORT ST. LUCIE SECTION THIRTY THREE AS RECORDED IN PLAT BOOK 15, PAGE 1 OF THE SAINT LUCIE COUNTY, FLORIDA PUBLIC RECORDS;

THENCE, SOUTH 0°02'24" EAST ALONG THE EAST LINE OF SAID TRACT "C" A DISTANCE OF 311.83 FEET;

THENCE, NORTH 89°54'57" WEST A DISTANCE OF 266.01 FEET TO THE BEGINNING OF A CURVE CONCAVE NORTHWEST, HAVING A RADIUS OF 5871.16 FEET, A CENTRAL ANGLE OF 1°13'13" AND A CHORD BEARING AND DISTANCE OF SOUTH 8°11'20" WEST, 125.04 FEET;

THENCE, SOUTHWESTERLY ALONG THE ARC OF SAID CURVE A DISTANCE OF 125.04 FEET TO THE SOUTH LINE OF SAID TRACT "C";

THENCE, SOUTH 89°57'36" WEST ALONG SAID SOUTH LINE A DISTANCE OF 2.01 FEET TO THE SOUTHWEST CORNER OF SAID TRACT "C";

THENCE, NORTH 0°38'49" EAST ALONG THE WEST LINE OF SAID TRACT "C" A DISTANCE OF 410.33 FEET TO THE BEGINNING OF A CURVE CONCAVE SOUTHEAST, HAVING A RADIUS OF 25.00 FEET AND A CENTRAL ANGLE OF 89°18'47";

THENCE, NORTHEASTERLY ALONG THE ARC OF SAID CURVE AND THE WEST LINE OF SAID TRACT "C" A DISTANCE OF 38.97 FEET TO THE NORTH LINE OF SAID TRACT "C";

THENCE, NORTH 89°57'36" EAST ALONG SAID NORTH LINE A DISTANCE OF 256.00 FEET TO NORTHEAST CORNER OF SAID TRACT "C" AND THE **POINT OF BEGINNING.**

CONTAINING 2.047 ACRES MORE OR LESS.

LEGEND
CH = CHORD BEARING AND DISTANCE
L = ARC LENGTH
LB = LICENSED BUSINESS
LS = LICENSED SURVEYOR
LTD. = LIMITED
(P) = PLAT DATA
P.B. = PLAT BOOK
PG. = PAGE
R = RADIUS
Δ = CENTRAL ANGLE
± = PLUS OR MINUS

SURVEYOR'S CERTIFICATION:
I HEREBY CERTIFY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE SKETCH AND DESCRIPTION SHOWN HEREON WAS PREPARED IN ACCORDANCE WITH THE "STANDARDS OF PRACTICE" FOR SURVEYING AND MAPPING IN THE STATE OF FLORIDA AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 54-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

RICHARD E. BARNES, JR. DATE OF SIGNATURE
PROFESSIONAL SURVEYOR AND MAPPER
FLORIDA LICENSE NO. LS - 5173
rbarnes@bowman.com

BOWMAN CONSULTING GROUP, LTD., INC.
CORPORATION CERTIFICATE OF AUTHORIZATION NO. LB 8030

NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND SEAL OR THE ELECTRONIC SIGNATURE OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

THIS IS NOT A SURVEY

Bowman

Bowman Consulting Group, Ltd., Inc. Phone: (772) 283-1413
301 SE Ocean Blvd. Fax: (772) 220-7881
Suite 301, Stuart, Florida 34994 www.bowmanconsulting.com

Bowman Consulting Group, Ltd. DATE: APR. 10, 2023
Professional Surveyors and Mapper Business Certificate # LB 8030

PORTION OF TRACT "C",
PORT ST. LUCIE
SECTION THIRTY THREE

SAINT LUCIE COUNTY FLORIDA
PATH: Stu:\P\New Projects\031283\Survey\Topo Boundary DRAWN: D.L.
PROJECT NO. 031283-01-001 REVISD DATE: DATE: APR. 10, 2023
CADD FILE: TRACT C SCALE: N/A SHEET 1 OF 2

EXHIBIT "A"
SKETCH OF DESCRIPTION
LYING IN PORT ST. LUCIE SECTION THIRTY THREE, RECORDED IN PLAT BOOK 15, PG. 1, SECTION 36, TOWNSHIP 37 SOUTH, RANGE 39 EAST, SAINT LUCIE COUNTY, FLORIDA

BECKER ROAD
(BEARING BASE)
N 89°57'36" E 256.00'
NORTH LINE OF TRACT "C"

ROSSER BOULEVARD
N 00°38'49" E 410.33'
WEST LINE OF TRACT "C"

**PORTION OF TRACT "C",
BLOCK 2202,
PORT ST. LUCIE
SECTION THIRTY THREE
P.B. 15, PG. 1**
22.047 ACRES

POINT OF BEGINNING
N.E. CORNER OF TRACT "C",
P.B. 15, PG. 1

EAST LINE OF TRACT "C":
S 00°02'24" E 311.83'

SOUTH LINE OF TRACT "C":
N 89°57'36" E 283.91'

N 89°54'57" W 266.01'
REMAINDER OF TRACT "C"
Δ=1°13'13" L=125.04'
CH = N8° 11' 20"E 125.04'

S 89°57'36" W 2.01'
TRACT "D",
PORT ST. LUCIE
SECTION THIRTY THREE
P.B. 15, PG. 1

S.W. CORNER OF TRACT "C",
P.B. 15, PG. 1

30' DRAINAGE RIGHT OF WAY (P)

(IN FEET)
1 inch = 100 ft.
THIS MAP IS INTENDED TO BE DISPLAYED AT A SCALE OF 1" = 100'

BLOCK 2202,
PORT ST. LUCIE
SECTION THIRTY THREE
P.B. 15, PG. 1

THIS IS NOT A SURVEY

Bowman

Bowman Consulting Group, Ltd., Inc. Phone: (772) 283-1413
301 SE Ocean Blvd. Fax: (772) 220-7881
Suite 301, Stuart, Florida 34994 www.bowmanconsulting.com

Bowman Consulting Group, Ltd. DATE: APR. 10, 2023
Professional Surveyors and Mapper Business Certificate # LB 8030

PORTION OF TRACT "C",
PORT ST. LUCIE
SECTION THIRTY THREE

SAINT LUCIE COUNTY FLORIDA
PATH: Stu:\P\New Projects\031283\Survey\Topo Boundary DRAWN: D.L.
PROJECT NO. 031283-01-001 REVISD DATE: DATE: APR. 10, 2023
CADD FILE: TRACT C SCALE: 1"=100' SHEET 2 OF 2

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Bowman Consulting Group Ltd.	Stuart, FL	Surveying & Mapping (Prime)

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL <i>(From Section E, Block 12)</i>	27. ROLE IN THIS CONTRACT <i>(From Section E, Block 13)</i>	28. EXAMPLE PROJECTS LISTED IN SECTION F <i>(Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role)</i>									
		1	2	3	4	5	6	7	8	9	10
Richard E. Barnes, Jr., PSM	Sr. Project Manager, Survey	✓	✓	✓	✓	✓	✓				
Steve Brickley, PSM	Principal / QA/QC Manager, Survey	✓	✓								

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>	NO.	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>
1	Port St. Lucie Canals	6	SW Becker Road I-95 Interchange
2	Port St. Lucie Bus Shelters	7	
3	SW Gatlin Blvd & SW Savona Blvd.	8	
4	Port St. Lucie Public Works Facility	9	
5	Port St. Lucie Municipal Facility	10	



ARCHITECT-ENGINEER QUALIFICATIONS



1. SOLICITATION NUMBER (If any)
RFP 20230087

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (or Branch Office) NAME Bowman Consulting Group Ltd. (Stuart, FL)			3. YEAR ESTABLISHED 1995	4. UNIQUE ENTITY IDENTIFIER P98HKXYNA6M9
2b. STREET 301 SE Ocean Blvd, Suite 301			5. OWNERSHIP	
2c. CITY Stuart		2d. STATE FL	2e. ZIP CODE 34994	
6a. POINT OF CONTACT NAME AND TITLE Richard (Rick) Barnes, Jr., PSM			a. TYPE Corporation	
6b. TELEPHONE NUMBER 772.283.1413			b. SMALL BUSINESS STATUS N/A	
6c. EMAIL ADDRESS rbarnes@bowman.com			7. NAME OF FIRM (If Block 2a. is a Branch Office) Bowman Consulting Group Ltd.	
8a. FORMER FIRM NAME(S) (If any)			8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	324	5	A02	Aerial Photography: Airborne Data	3
08	CADD Technician	152	8	C10	Commercial Building	10
12	Civil Engineer	439	9	C15	Construction Management	6
15	Construction Inspector	27	1	E02	Educational Facilities; Classrooms	6
16	Construction Manager	5		E07	Energy Infrastructure	8
21	Electrical Engineer	28		E10	Environmental and Natural Resources	2
24	Environmental Scientist	23		H11	Housing/Group Homes	10
25	Fire Protection Engineer	20		L03	Landscape Architecture	2
27	Foundations/Geotechnical Engineer	0		M06	Mining & Mineralogy	6
29	GIS Specialist	9		P06	Planning (Site, Installation, and Project)	6
30	Geologist	8		S10	Surveying; Platting; Mapping; Flood Plain	8
32	Hydraulic Engineer	1		T03	Traffic & Transportation Engineering	9
38	Land Surveyor	68	6	U03	Utilities	8
39	Landscape Architect	31		W02	Water Resources; Hydrology	6
40	Materials Engineer	2				
42	Mechanical Engineer	32				
47	Planner: Urban/Regional	37				
48	Project Manager	78	2			
49	Remote Sensing Specialist	0				
57	Structural Engineer	13				
58	Technician/Analyst (Survey)	202	14			
60	Transportation Engineer	168				
62	Water Resources Engineer	12				
	Other Employees	155	4			
	Total Employees	1823	49			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)	PROFESSIONAL SERVICES REVENUE INDEX NUMBER <table style="width: 100%; margin-top: 10px;"> <tr> <td>1. Less than \$100,000</td> <td>6. \$2 million to less than \$5 million</td> </tr> <tr> <td>2. \$100,000 to less than \$250,000</td> <td>7. \$5 million to less than \$10 million</td> </tr> <tr> <td>3. \$250,000 to less than \$500,000</td> <td>8. \$10 million to less than \$25 million</td> </tr> <tr> <td>4. \$500,000 to less than \$1 million</td> <td>9. \$25 million to less than \$50 million</td> </tr> <tr> <td>5. \$1 million to less than \$2 million</td> <td>10. \$50 million or greater</td> </tr> </table>	1. Less than \$100,000	6. \$2 million to less than \$5 million	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million	4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million	5. \$1 million to less than \$2 million	10. \$50 million or greater
1. Less than \$100,000	6. \$2 million to less than \$5 million										
2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million										
3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million										
4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million										
5. \$1 million to less than \$2 million	10. \$50 million or greater										
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">a. Federal Work</td> <td style="text-align: center;">10</td> </tr> <tr> <td>b. Non-Federal Work</td> <td style="text-align: center;">10</td> </tr> <tr> <td>c. Total Work</td> <td style="text-align: center;">10</td> </tr> </table>	a. Federal Work	10	b. Non-Federal Work	10	c. Total Work	10					
a. Federal Work	10										
b. Non-Federal Work	10										
c. Total Work	10										

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 09/26/2023
c. NAME AND TITLE Richard E. Barnes, Jr., PSM Senior Project Manager	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Robert J. Cotleur, Jr., PLA, ASLA, Principal	13. ROLE IN THIS CONTRACT Senior Landscape Architect/Principal	14. YEARS EXPERIENCE	
		a. TOTAL 39	b. WITH CURRENT FIRM 32
15. FIRM NAME AND LOCATION (City and State) Cotleur & Hearing, Jupiter, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) Ohio State University, Bachelor of Science in Landscape Architecture, June 1984--Cum Laude Honor Graduate		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Florida Registered Landscape Architect #LA0001067; Qualified Professional Mangrove Trimmer; LEED AP Certified	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Member: Sigma Lambda Alpha, National Honor Society; TOJ Beach Enhancement Committee; American Society of Landscape Architects			

19. RELEVANT PROJECTS [Relevant Projects:]

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	Royal Palm Beach Boulevard Phase 1	2009	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Cotleur & Hearing was retained by the Village of Royal Palm Beach to develop a comprehensive streetscape program consisting of both landscape and hardscape materials for the medians of Royal Palm Beach Boulevard extending from Okeechobee Boulevard to 40th Street. The final design integrated 90% of the existing native trees into the streetscape design. The use of Royal Palms was maximized in keeping with the name of the Village. Cotleur & Hearing also provided irrigation design for all medians within the project.		
b.	Palm Beach County Fire Station #14, Jupiter, FL	2008-2009	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Cotleur assisted in the pre-acquisition due diligence for Fire Station #14. The team evaluated many sites before selecting the property located at the corner of Jupiter Farms Road and Alexander Run which provides quick convenient access to a signaled intersection.		
c.	I-95 Main Line to Blue Heron Boulevard Interchange, West Palm Beach, FL	2008	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE FDOT District 4 selected Cotleur & Hearing for the Landscape Architecture of I-95 from Okeechobee Boulevard to Blue Heron Boulevard as the Interstate is to widen to accommodate HOV lanes resulting in rebuilding the overpasses and interchanges. Cotleur & Hearing engaged the cities of West Palm Beach and Riviera Beach to participate in the design process. The final result is a bold, memorable and dynamic design which exceeds anything to date. As with all of Cotleur & Hearing's streetscape designs, maintainability and constructability were a primary design consideration.		
d.	FDOT SR 882 Forest Hill Boulevard, Greenacres & Lake Clarke Shores, FL	2009	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This FDOT resurfacing project provided landscape improvements on Forest Hill Boulevard. The design for Greenacres included limited plantings to supplement existing plant materials. A hardy and Xeriscape palette of plants were used in accordance with the City's desire to keep maintenance costs to an absolute minimum. The Lake Clark Shores improvements were more extensive and included all new landscaping, irrigation systems, stamped concrete, maintenance strips as an aesthetic and functional feature. Part of the roadway construction element, median openings were closed to increase the green space along the corridor. Plans included notes and details to remove all existing pavement and road-base material in the new median areas and replace it with planting soil. CH provided the design of all landscape, irrigation and hardscape areas as well as coordinated the maintenance agreements with both cities and post design services.		
e.	Northern Palm Beach County Improvement District Headquarters-PBG, FL	2008-2009	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Land Planning, Zoning Entitlement, Landscape Architecture, Site Planning, Irrigation Design, Project Representation. CH was retained to design and procure development entitlements for the new Administrative Headquarters and Emergency Operations Center. One of the most significant challenges was to accurately establish the remaining development entitlements within the PGA National DRI and to gain acceptance of the proposed intensity allocation by the Growth Management staff.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)



12. NAME Aaron Wilbur, PLA	13. ROLE IN THIS CONTRACT Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 8
15. FIRM NAME AND LOCATION (City and State) Cotleur & Hearing, Jupiter, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) 2010: University of Florida; Bachelor of Landscape Architecture		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Florida Registered Landscape Architect - LA6667229	

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

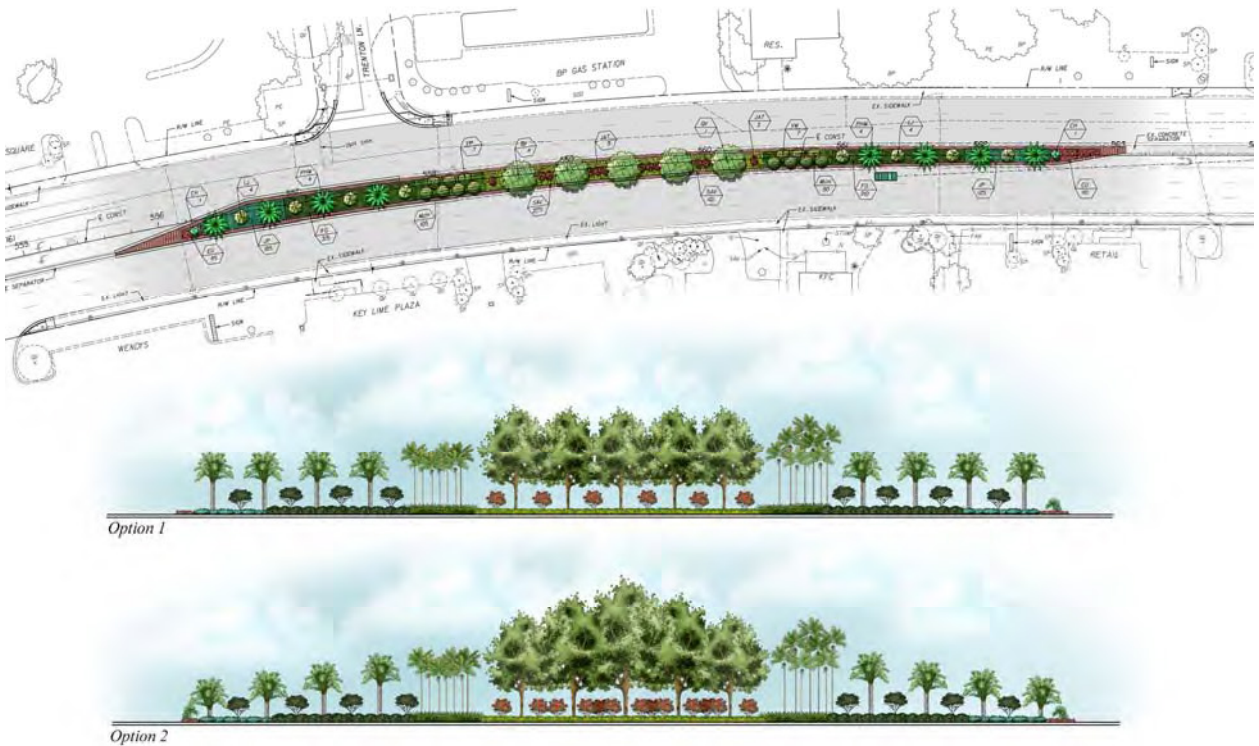
Mr. Wilbur began his career working at Cottage Gardens, Inc. in 2009, a residential design build firm located in Gainesville, Florida. At Cottage Gardens, Mr. Wilbur functioned as the lead designer and project manager. In March 2013, Mr. Wilbur joined the Cotleur and Hearing team. Mr. Wilbur brings an eagerness to learn and the ability to adapt quickly to new types of projects. To date, he has worked on several county and city submittals, a large neighborhood development project, and is currently working on several FDOT projects.

19. RELEVANT PROJECTS [Relevant Projects:]

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	(1) TITLE AND LOCATION (City and State) White Haven, Jupiter, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Cotleur & Hearing was retained to prepare a Redevelopment Master Plan for the 24 ½ acre White Haven Mobile Home property. Mr. Wilbur assisted with the landscape plan designs and with the design and site planning of the adjacent commercial site. This property is located within half a mile of the proposed future Intermodal Train Station which will serve the eastern seaboard of Florida. Cotleur & Hearing developed a multifamily apartment Site Plan with traditional neighborhood standards. Four acres of neighborhood commercial land uses engage the Military Trail corridor as a main street, an amenity for the community and to provide retail services. The Site Plan incorporated multiple amenities and open spaces for use by residents.	[X] Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) Waterway Village, Vero Beach, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The emphasis in the quiet beach town of Vero Beach is on lifestyle - with priorities on art, education, and culture. Vero Beach has a lot to offer - from championship golf, to great shopping, to art and theatre. The Waterway Village community is consistent with that theme and offers many amenities such as a heated resort-style pool, state-of-the-art fitness center, four tennis courts, clubhouse, mailroom, tot lot, etc. with a convenient location to area beaches and I-95. Mr. Wilbur worked on the design and review of the landscape plans.	[X] Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) Alton Neighborhood 1, Palm Beach Gardens, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Located in Palm Beach Gardens, Alton is being developed as one of the key neighborhood residential districts within the larger context of the Scripps Florida Phase II/Briger Tract Planned Community District. The goal of the project is to create a 21 st Century mixed use community with traditional town planning standards, merged with modern provisions for alternative transportation options and pedestrian orientation around a research campus. The vision for the site is to create a mix of uses within a walkable neighborhood that is centered around the bioscience research industry. The key to this interaction is the creation of pleasant and interconnected outdoor spaces. Mr. Wilbur was involved with several of the initial submittals of the neighborhood master plan and the design and production of the landscape plan prior to moving to the FDOT division within Cotleur & Hearing.	[X] Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) S.R. 706 & S.R. 91 Interchange; Florida's Turnpike, Jupiter, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Part of a "bold vision" landscape improvement project, the S.R. 706 (Indiantown Rd.) and S.R. 91 interchange was the first of five interchanges to receive a bold vision update. Groupings of accent palms and flowering trees as well as strategically placed buffer trees will contribute to the improved image of an important gateway to Jupiter and the image of Florida's Turnpike as a whole. The project is currently in the final phases of the submittal process. Mr. Wilbur worked on the production of the landscape and irrigation plans. The remaining four interchanges associated with the project are currently in production.	[X] Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) Crosstown Parkway Extension Project, Port St. Lucie, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Located in Port St. Lucie, the proposed project would extend the existing Crosstown Parkway to US 1 across the North Fork St. Lucie River. Port St Lucie is experiencing extremely fast growth which is causing substantial problems with traffic congestion specifically at the location of the two existing bridges. This six lane divided highway will help to alleviate the congestion along the two existing east-west corridors. Mr. Wilbur assisted in the design of the proposed landscape along the extension as well as the production of the landscape plans.	[X] Check if project performed with current firm	

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 1
21. TITLE AND LOCATION <i>(City and State)</i> SR-9/I-95 at SR-706/Indiantown Rd. Interchange Jupiter, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION <i>(if applicable)</i>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER FDOT District IV	b. POINT OF CONTACT NAME Elizabeth Hassett	c. POINT OF CONTACT TELEPHONE NUMBER 954-777-4219
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> <p>This project is another gateway interchange that was designed by Cotleur & Hearing for the FDOT in 2015 and construction was completed in the spring of 2017. Cotleur & Hearing designed the landscape, temporary irrigation system, terrace walls and provided post-design inspection services throughout the eight-month construction phase, as well as the two-year establishment phase. Cotleur & Hearing also prepared selective clearing and grubbing plans to remove all invasive, exotic vegetation that was invading the high quality native vegetation that exists throughout the infields and around the many ponds that exist on this 156-acre site.</p> <p>Cost: \$2.4 Million</p>		
		
		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Cotleur & Hearing	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION <i>(City and State)</i> I 95 / I 595 Interchange Ft. Lauderdale, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2014 CONSTRUCTION <i>(if applicable)</i>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER FDOT District 4	b. POINT OF CONTACT NAME Elisabeth Hassett	c. POINT OF CONTACT TELEPHONE NUMBER 954-777-4219
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> Description: <p>Cotleur & Hearing was retained by the FDOT to provide the design for this signature landscape project. The I-95/I595 Interchange is a major gateway for south Florida residents and tourists traveling by car, airline, ship or train. The location was chosen by FDOT's Secretary, Ananth Prasad, to receive extensive landscape improvements in accordance with FDOT's new "Bold Vision" approach to landscape design. The project was fast-tracked as it had to be designed in two months and constructed in six. As a stand-alone landscape project, Cotleur & Hearing's role included landscape, irrigation and hardscape design and about two miles of retaining walls that terrace the roadway side slopes to capture water for the plantings and reduce the potential for erosion.</p> <p>This project also included design of retention ponds, traffic control plans, storm water prevention plans and permitting. Some of this scope was shared by a consultant on Cotleur & Hearing's team, Metric Engineering. Cotleur & Hearing also provided post design services, approved all plant materials, (some as far away as California), layout and ongoing coordination for all aspects of the construction process. This project includes a three-year warranty period by the contractor and Cotleur & Hearing will provide quarterly inspections throughout that period.</p> <p>The proposed plant palette includes trees and palm selections that are the biggest and best quality plants available. The species chosen provide the most color, texture and tropical appearance. Instead of native plant species that reinforce the existing plant communities in South Florida, these species were chosen for their aesthetic value, ease of maintenance and ability to create the illusion of being in the tropics. Species that tolerate wet conditions were utilized within the lower dry pond areas and the more drought tolerant species were used on the roadway side-slopes. Large masses of palm trees and flowering trees were used in various sizes to provide 'movement' for traveling motorists. The project provides a huge visual impact and is one of the boldest landscape projects completed in South Florida to date.</p>		
		  
Scope: Landscape Architecture Post Design Irrigation Design Cost: \$230 K		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Cotleur & Hearing	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION <i>(City and State)</i> Port St. Lucie Boulevard Streetscape Florida's Turnpike to the Intracoastal Port St. Lucie, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2012 CONSTRUCTION <i>(if applicable)</i>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Port St. Lucie	b. POINT OF CONTACT NAME Mr. John Dunton	c. POINT OF CONTACT TELEPHONE NUMBER 772-344-4035
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> Description: Cotleur & Hearing was retained by the City of Port St. Lucie to develop the streetscape and landscape design for Port St. Lucie Boulevard just west of Florida's Turnpike to the Intracoastal Waterway. Port St. Lucie Boulevard is the "main street" of Port St. Lucie, and as such, plays a critical role in establishing the character and quality of the Port St. Lucie community. The Turnpike Interchange at Port St. Lucie Boulevard is also the most significant entry gate to the city. Cotleur & Hearing proposed a bold but simple streetscape design to create a strong sense of identity for the corridor. Long-term sustainability was a primary objective in the plant selection and the design of each median. Cotleur & Hearing observed that the previous streetscape projects within the city looked good at the time of installation but lacked sustainability and the ability to stand the test of time. To enhance the aesthetics and create an entry gate to visitors entering the city from Florida's Turnpike, Cotleur & Hearing worked with Florida Power & Light Company (FP&L) and developed a plan to relocate existing Live Oak and Crepe Myrtle trees from the corridor to the substation property which provided a visual screen and softened the aesthetics of the substation. Cotleur & Hearing was instrumental in creating a financial partnership with FP&L to provide additional landscaping and irrigation for the entire substation site.		
		
Scope: Transportation, Streetscape, Landscape Architecture Project Size: Three Miles Cost: \$1.35 Million		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Cotleur & Hearing	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 4
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21. TITLE AND LOCATION (City and State) FDOT SR 882 Forest Hill Boulevard Greenacres & Lake Clarke Shores, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(if applicable)</i>
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23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER FDOT District IV	b. POINT OF CONTACT NAME Elisabeth Hassett	c. POINT OF CONTACT TELEPHONE NUMBER 954-777-4219
---	--	---

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Description:

This FDOT resurfacing project provided landscape improvements on Forest Hill Boulevard within the city limits of Greenacres and Lake Clark Shores. The design for Greenacres included limited plantings to supplement existing plant materials currently on-site. A very hardy and Xeriscape palette of plants were used in accordance with the City's desire to keep maintenance costs to an absolute minimum. The improvements within Lake Clark Shores were much more extensive and included all new landscaping, irrigation systems and stamped, concrete, maintenance strips as an aesthetic and functional feature. As a part of the roadway construction element, median openings were closed, thereby greatly increasing the green space along the corridor. Cotleur & Hearing's plans included notes and details to remove all existing pavement and road-base material in these new median areas and replace it with planting soil. A tropical plant palette was utilized including Medjool Date, Solitaire and Pindo palms along with Ligustrum and Clusia trees. Complementing the trees and palms are colorful shrub types including Purple Queen, Dwarf Crown of Thorns, Variegated Schefflera and Blueberry Flax Lily. All medians are completely planted out with shrubs and ground covers to eliminate the need for sod maintenance. Cotleur & Hearing provided the design of all landscape, irrigation and hardscape areas as well as coordinated the maintenance agreements with both cities and provided post design services.



Scope: Landscape Architecture, Irrigation Design and Hardscape Design

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

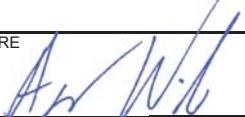
a. (1) FIRM NAME Cotleur & Hearing	(2) FIRM LOCATION (City and State)	(3) ROLE
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G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Robert Cotleur, PLA, AICP	Landscape Architect	X	X	X	X						
Aaron Wilbur, PLA	Landscape Architect	X	X								

29. EXAMPLE PROJECTS KEY

NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)	NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)
1	SR-9/I-95 at SR-706/Indiantown Rd. Interchange	6	
2	I 95 / I 595 Interchange	7	
3	Port St. Lucie Boulevard Streetscape	8	
4	FDOT SR 882 Forest Hill Boulevard	9	
5		10	

ARCHITECT – ENGINEER QUALIFICATIONS				1. SOLICITATION NUMBER <i>(If any)</i> 20230087		
PART II. – GENERAL QUALIFICATIONS <i>(If a firm has branch offices, complete for each specific branch office seeking work.)</i>						
2a. FIRM (OR BRANCH OFFICE) NAME Cotleur & Hearing			3. YEAR ESTABLISHED 2014		4. DUNS NUMBER --	
2b. STREET 1934 Commerce Lane, Suite 1			5. OWNERSHIP-- a. TYPE Corporation (Florida)			
2c. CITY Jupiter		2d. STATE FL	2e. ZIP CODE 33458	b. SMALL BUSINESS STATUS		
6a. POINT OF CONTACT NAME AND TITLE Aaron Wilbur, Partner/Member			7. NAME OF FIRM <i>(if c block 2a is a branch office)</i> Cotleur & Hearing Landscape Architecture, LLC			
6b. TELEPHONE NUMBER 561-406-1011		6c. E-MAIL ADDRESS awilbur@cotleur-hearing.com				
8a. FORMER FIRM NAME (S) <i>(if any)</i> Cotleur & Hearing, Inc.			8b. YR. ESTABLISHED 1991	8c. DUNS NUMBER 858595234		
9. EMPLOYEES BY DISCIPLINE			10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS			
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number <i>(see below)</i> FIRM TOTAL
		(1) FIRM	(2) BRANCH			
02	Clerical	6		A02	Aerial Imagery and Analysis	1
08	CADD Technician	2		E09	Environmental Assessments	4
24	Environmental Scientist	0		E-10	Environmental & Nat'l. Res.	1
39	Landscape Architect	13		E-11	Environmental Planning	1
47	Planner: Urban/Regional	7		G-04	Geographic Info. System	2
48	Project Manager	6		G-06	Graphic Design	2
--	Graphic Designer	3		I-06	Irrigation: Drainage	2
--	Designer	1		L-03	Landscape Architecture	6
--	Contract Coordinator	1		P-05	Planning (Community)	5
--	Civil Engineer	1		P-06	Planning (Site, Installation &	3
--	Principal	2		U-02	Urban Renewals: Community	2
				Z-01	Zoning: Land Use Studies	3
Total		42				
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>		PROFESSIONAL SERVICES REVENUE INDEX NUMBER				
FIRM TOTAL		1. Less than \$100,000		6. \$2 million to less than \$5 million		
a. Federal Work		2. \$100,000 to less than \$250,000		7. \$5 million to less than \$10 million		
b. Non-Federal Work		3. \$250,000 to less than \$500,000		8. \$10 million to less than \$25 million		
c. Total Work		4. \$500,000 to less than \$1 million		9. \$25 million to less than \$50 million		
		5. \$1 million to less than \$2 million		10. \$50 million or greater		
12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.						
a. SIGNATURE 				b. DATE 09/26/2023		
c. NAME AND TITLE Aaron Wilbur, PLA, Partner						
AUTHORIZED FOR LOCAL REPRODUCTION MANDATORY USE DATE OF FORM 5/1/2004			STANDARD FORM 330 (1/2004) PAGE 6			



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Thomas P. Kiernan, PSM	13. ROLE IN THIS CONTRACT Surveyor	14. YEARS EXPERIENCE		
		a. TOTAL 33	b. WITH CURRENT FIRM 20	
15. FIRM NAME AND LOCATION (City and State) Culpepper and Terpening, Inc., Fort Pierce, Florida				
16. EDUCATION (DEGREE AND SPECIALIZATION) Indian River State College (attended)		17. CURRENT PROFESSIONAL REGISTRATION (ST & DISCIPLINE) Professional Surveyor and Mapper; St of Fl. Reg No.: 6199		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Indian River Chapter of Florida Surveying and Mapping Society; FDOT Certified Maintenance of Traffic; and FDOT GPS Network Analysis				
19. RELEVANT PROJECTS				
a.	(1) TITLE AND LOCATION (City and State) Project Name: Woodland Trails Park Location: City of Port St. Lucie, Florida		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
	Culpepper & Terpening, Inc. (C&T), lead the Design Build team that provided the delivery of the Woodlands Trails Park, The woodlands trails park is located on a City owned parcel located in southwestern Port St. Lucie, just north of SW Becker Road. This site was identified by the City as a priority improvement site intended to provide recreation facilities for the rapidly growing southwestern areas of the community. From the development of the initial concept plans, thru full site permitting and construction, all project tasks/works were completed within the contracted 10 month time period.			
b.	(1) TITLE AND LOCATION (City and State) Project Name: PSL Riverwalk Boardwalk Extension Location: City of Port St. Lucie, Florida		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2008/10	CONSTRUCTION (If applicable) 2008/10
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
	Culpepper & Terpening, Inc. (C&T), provided survey, site planning, construction design and permitting services associated with an approximate 4,300 foot extension to the existing "Riverwalk" pedestrian walkway located along the east banks of the North Fork of the St. Lucie River, from just north of Port St. Lucie Blvd to the City's Westmoreland Park/Botanical Gardens community site. This addition/extension to the existing 10ft-wide boardwalk includes new observation decks, floating docks, kayak and canoe launch areas and a direct pedestrian connections to the adjoining commercial use areas located on the side of Port St. Lucie Boulevard.			
c.	(1) TITLE AND LOCATION (City and State) Project Name: Crosstown Pkwy - I-95 to SE Manth Lane Location: Port St. Lucie, Florida		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2005/06	CONSTRUCTION (If applicable) 2007/08
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm.	
	Provided survey, design permitting and CEI for the Crosstown Parkway controlled access, arterial roadway connection between the east side (US #1 Corridor) area of the City of Port St. Lucie and the 'Western Annexation Areas' (a/k/a Tradition and Verano areas) of the City, west of I-95. Segment 2 (Manth to Bayshore) and Segment 4 (Cashmere to I-95) involved the construction of 6.2 miles of a six-lane arterial roadway with; landscaping, decorative lighting and multi-use pathways the length of the project corridor.			
d.	(1) TITLE AND LOCATION (City and State) Project Name: Tulip Blvd Sidewalk (LAP Project) Location: City of Port St. Lucie, Florida		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2006/07	CONSTRUCTION (If applicable) 2007/08
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm.	
	Culpepper & Terpening, Inc. (C&T), provided survey, design, and permitting services associated with the SW Tulip Boulevard sidewalk project, from SW College Park Road to SW Cherry Hill Road. The specific project services provided included the design and permitting of approximately 8,500 feet, of a five wide concrete sidewalk, to be located along the south side of Tulip Boulevard. This is a LAP project, with funding provided by the Florida Department of Transportation and managed by the City of Port St. Lucie.			
e.	(1) TITLE AND LOCATION (City and State) Project Name: E-3C & E4 Equalization Pipe Design Location: Port St. Lucie, Florida		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
	Culpepper & Terpening, Inc. (C&T), provided design and permitting services to the City of Port St. Lucie for the installation of a new stormwater equalizer pipe that provides and interconnect between the E-3C and E-4 Canals, in the vicinity of the intersection of California and Savona Boulevards. The project consists of approximately 1,300 linear feet of new reinforced concrete pipe that connects the E-3C Canal to the E-4 Canal. The function of this drainage pipe is to allow it to serve as an equalizer pipe between the two drainage canals and intercept surface drainage from the immediate area of California and Savona Boulevards.			



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT				
12. NAME Stefan K. Matthes, PE	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE		
		a. TOTAL 39	b. WITH CURRENT FIRM 28	
15. FIRM NAME AND LOCATION (<i>City and State</i>) Culpepper and Terpening, Inc., Fort Pierce, Florida				
16. EDUCATION (<i>Degree and Specialization</i>) BS Degree - Civil Engineering (1981)		17. CURRENT PROFESSIONAL REGISTRATION (<i>St. & Discipline</i>) State of Florida - Bd of Professional Engineers 38723 (1986)		
18. OTHER PROFESSIONAL QUALIFICATIONS (<i>Publications, Organizations, Training, Awards, etc.</i>) Institute of Transportation Engineers; Florida Engineering Society; American Society of Civil Engineers, American Planning Association, Advance Work Zone MOT Certified, ADA Accessibility (DPFA) Certified; FDEP Storm water Certified; LAP Trained.				
19. RELEVANT PROJECTS				
a.	(1) TITLE AND LOCATION (<i>City and State</i>)		(2) YEAR COMPLETED	
	Project Name:	Citywide Water/Sewer Expansion	PROFESSIONAL SERVICES	CONSTRUCTION (<i>If applicable</i>)
	Location:	Port St. Lucie, Florida	2002	2012
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Served as Design Engineer associated with the provision of Professional Engineering Services associated with the establishment of multiple Special Assessment Districts (SAD's) for the provision of Citywide Water & Wastewater Service. The work efforts provided the construction of new water potable water services for domestic and fire protection purposes, along with a backbone low pressure sanitary sewer service to over 80,000 parcels throughout the City of Port St. Lucie. The work included master planning, survey, design, permitting, bidding and construction observation services for the installation of over 200 miles of new utility mains. This utility expansion program occurred over a 10-year period. Project design and construction was broken out into phases that were deemed manageable from a special assessment and project construction standpoint.				
b.	(1) TITLE AND LOCATION (<i>City and State</i>)		(2) YEAR COMPLETED	
	Project Name:	Watermain Replacement Project	PROFESSIONAL SERVICES	CONSTRUCTION (<i>If applicable</i>)
	Location:	Port St. Lucie, Florida	2012	2013
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
Served as Design Engineer for the Design, Permitting and Construction Engineering Inspection (CEI) services associated with the replacement of 42-miles (221,760 linear feet) of aging potable water lines located throughout the southeastern areas of the City of Port St. Lucie. This portion of the City system was part of the original general development Utility system installed in the early 1970's as this part of the City was initially developed/constructed. Deteriorating pipe conditions encouraged the city to replace the old pipes with new piping, matching that which was installed as part of the broader City Wide Water Sewer Expansion program of the early 2000's. This project was considered to be a high priority City replacement project and was processed in an expedited fashion. Work activities included the development of a program of sequential construction plans and document preparation of which permitted the City of Port St. Lucie to commence work activities in certain areas of the project while project plans were completed for other areas. This resulted in an expedited construction and project completion schedule.				
c.	(1) TITLE AND LOCATION (<i>City and State</i>)		(2) YEAR COMPLETED	
	Project Name:	Water Distribution Improvements (City	PROFESSIONAL SERVICES	CONSTRUCTION (<i>If applicable</i>)
	Location:	Stuart, Florida	2013	Ongoing
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current fir..	
Served as Design Engineer for the services associated with the replacement, and rehabilitation, of 36,000 linear feet of old, and small diameter, potable water lines throughout the central core of the City of Stuart. Project designs and permitting were completed in 2014. Implementation of this replacement/rehabilitation program is being done on a phased basis with construction funding being provided through the State of Florida's, Revolving Loan Fund (SRF) program. Culpepper & Terpening is providing continuing services assistance to the City of Stuart in seeking, and obtaining, these annual loan program awards.				
d.	(1) TITLE AND LOCATION (<i>City and State</i>)		(2) YEAR COMPLETED	
	Project Name:	Orange Avenue 16" Force Main	PROFESSIONAL SERVICES	CONSTRUCTION (<i>If applicable</i>)
	Location:	St. Lucie County, Florida	2018	2021
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Mr. Matthes served as Design Engineer for survey, design, permitting and construction coordination associated with the installation of a the installation of a provided the survey, design, permitting, and construction administrative services for the installation of 6,500 LF of 16" force main interconnect along Orange Avenue (SR 60) from Hartman Road to Jenkins Road in central St. Lucie County.				



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT				
12. NAME Eliot Brown, PE	13. ROLE IN THIS CONTRACT Project Design Engineer	14. YEARS EXPERIENCE		
		a. TOTAL 15	b. WITH CURRENT FIRM 5	
15. FIRM NAME AND LOCATION (<i>City and State</i>) Culpepper and Terpening, Inc., Fort Pierce, Florida				
16. EDUCATION (<i>Degree and Specialization</i>) BS Degree - Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (<i>St. & Discipline</i>) State of Fla – Bd. of Professional Engineers – 82232		
18. OTHER PROFESSIONAL QUALIFICATIONS (<i>Publications, Organizations, Training, Awards, etc.</i>) HCS 2019 Software Training, FES Florida Engineering Leadership Institute; ATSSA Advanced Maintenance of Traffic Certification, Toast Masters of Fort Pierce				
19. RELEVANT PROJECTS				
a.	(1) TITLE AND LOCATION (<i>City and State</i>)		(2) YEAR COMPLETED	
	Project Name:	Becker Road Phase 2 & 3 12" Force Main	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)
	Location:	Port St. Lucie, Florida	2018	2020
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Culpepper & Terpening, Inc. (C&T), is providing survey, design permitting and CEI services for the improvements of Becker Road from east Via Tesoro to Gilson Road in southern Port St. Lucie. The 2 mile long project includes the widening of Becker Road from east of Via Tesoro to Veranda Gardens Entrance from a 2 lane rural to a 4 lane urban roadway section. The design also include new roundabouts at Veranda Gardens and Gilson Road. Improvements include roadway, drainage, multiuse paths, street lighting and landscape improvements. Eliot's role in this project was as the design engineer.				
b.	(1) TITLE AND LOCATION (<i>City and State</i>)		(2) YEAR COMPLETED	
	Project Name:	Orange Avenue Force Main Extension	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)
	Location:	Fort Pierce, Florida	2018	2021
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
This was a sewer extension project with the purpose of providing wastewater service along the south side of Orange Avenue in Fort Pierce between Jenkins Road and 39th Street.				
Project consisted of the installation of 6,470 LF of 16" PVC Sanitary Sewer Force Main and 540 LF of HDPE Sanitary Forcemain. This project tied into existing force main facilities at both origin and receiving ends. Eliot's role in this project was as the design engineer.				
c.	(1) TITLE AND LOCATION (<i>City and State</i>)		(2) YEAR COMPLETED	
	Project Name:	DiGiorgio Sanitary Sewer Expansion	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)
	Location:	Fort Pierce, Florida	2018	TBD
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
This is a sewer extension project with the purpose of providing wastewater service to industrial use customer along a portion of Enterprise Road and DiGiorgio Road in Fort Pierce. Major project elements include gravity sewer, low pressure main, 8" force main and a lift station.				
Project consisted of the construction 5,700 LF of 8" PVC Sanitary Sewer and 4,395 LF of 8" Sanitary Sewer Force Main. This project tied into existing wastewater facilities at the receiving side and is proposed to serve new customers. Eliot's role in this				
d.	(1) TITLE AND LOCATION (<i>City and State</i>)		(2) YEAR COMPLETED	
	Project Name:	Torino Parkway & Cashmere Roundabout	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)
	Location:	Port St. Lucie, Florida	2018	2020
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Culpepper & Terpening, Inc. (C&T), is providing the survey, design and permitting services to the implementation of a new roundabout at the intersection of Torino Parkway and Cashmere Boulevard in northern Port St. Lucie. The design includes roadway, drainage, roundabout signing & pavement markings, landscaping and Street lighting. The design is being fast tracked to meet the City's 1/2 cent sales tax goals. Eliot's role in this project was as the design engineer.				

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY NUMBER

01

21. TITLE AND LOCATION (City and State)

Indrio Road and I-95 Utility Extension
St. Lucie County, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES

CONSTRUCTION (If applicable)

2016

2019

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER

B. POINT OF CONTACT

C. POINT OF CONTACT
TELEPHONE NUMBER

Indrio/I-95 Development LLC

Mr. Gustavo Lumer, Principal

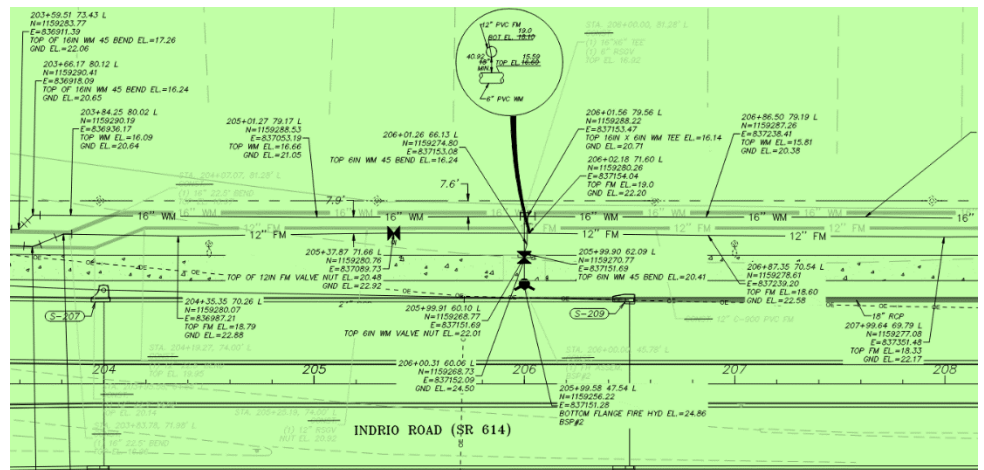
305-948-9480

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Culpepper & Terpening, Inc. (C&T) provided design, permitting and construction administration services associated with the installation of 12,000 ft of new 16" water transmission main and 12,000 ft of new a 12" sewer main, along the north side of Indrio Road, from Emerson Avenue, west to the I-95 interchange area. Project works activities include full permitting and construction/operation certifications the FDOT, FDEP, FPFWCD and St. Lucie County.

Project Design Cost: \$210,000

Project Construction Bid: \$2 million



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Culpepper & Terpening, Inc.	Fort Pierce, Florida	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY NUMBER

02

21. TITLE AND LOCATION (City and State)

Orange Avenue 16" Force Main
Port St. Lucie, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES

CONSTRUCTION (If applicable)

2022 - 2023

2023

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER

B. POINT OF CONTACT

C. POINT OF CONTACT
TELEPHONE NUMBER

Fort Pierce Utilities Authority

Mr. Lugey Dawson

772-466-1600

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)



C&T provided survey, design, permitting and construction inspection for the extension of a wastewater service along the south side of Orange Avenue in Fort Pierce between Jenkins Road and 39th Street.

Project consisted of the installation of 6,470 LF of 16" PVC Sanitary Sewer Force Main and 540 LF of HDPE Sanitary Forcemain. This project tied into existing force main facilities at both origin and receiving ends. Eliot's role in this project was as the design engineer.

Project Design Cost: \$210,000

Project Construction Cost: \$2 million

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Culpepper & Terpening, Inc.	Fort Pierce, Florida	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY NUMBER	03
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21. TITLE AND LOCATION <small>(City and State)</small>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <small>(If applicable)</small>
Becker Road East Phase 2 and 3 - 12" Force Main Port St. Lucie, Florida	2018	2022

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
GreenPointe Communities	Mr. Austin Burr	904-910-7256

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Culpepper & Terpening, Inc. (C&T), is providing survey, design permitting and CEI services for the improvements of Becker Road from east Via Tesoro to Gilson Road in southern Port St. Lucie. The 2 mile long project includes the widening of Becker Road from east of Via Tesoro to Veranda Gardens Entrance from a 2 lane rural to a 4 lane urban roadway section. The design also include new roundabouts at Veranda Gardens and Gilson Road. Improvements include roadway, drainage, multiuse paths, street lighting and landscape improvements. Design Costs: \$313,020. Construction Costs: \$7,635,115.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Culpepper & Terpening, Inc.	(2) FIRM LOCATION <small>(City and State)</small> Fort Pierce, Florida	(3) ROLE Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION <small>(City and State)</small>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <small>(City and State)</small>	(3) ROLE

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)												
		1	2	3	4	5	6	7	8	9	10			
Thomas, P. Kiernan, PSM	Surveyor	x	x	x										
Stefan K. Matthes, PE	Project Manager	x	x	x										
Eliot Brown, PE	Design Engineer	x	x	x										

29. EXAMPLE PROJECTS KEY

No.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	No.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1.	Indrio Road/I-95 -- Utility Extension Project	6.	
2.	Orange Avenue 16" Force Main	7.	
3.	Becker Road East Pgase 2 and 3 - 12" Force Main	8.	
4.		9.	
5.		10.	



ARCHITECT-ENGINEER QUALIFICATIONS

SOLICITATION NUMBER (if any)
e-RFP 20230087

PART II - GENERAL QUALIFICATIONS
(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Culpepper & Terpening, Inc.			3. YEAR ESTABLISHED 1985	4. DUNS NUMBER 15-565-2795
2b. STREET 2980 S. 25th Street			5. OWNERSHIP	
2c. CITY Fort Pierce	2d. STATE Florida	2e. ZIP CODE 34981	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Stefan K. Matthes, PE – Sr. Vice President			b. SMALL BUSINESS STATUS None	
6b. TELEPHONE NUMBER 772-464-3537	6c. E-MAIL ADDRESS smatthes@ct-eng.com		7. NAME OF FIRM (If block 2a. is a branch office) N/A	
8a. FORMER FIRM NAME(S) (If any) CFS & Associates, Inc. JP Terpening, Inc.			8b. YR ESTABLISHED 1972 1979	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administration	02		C15	Construction Management	4
12	Civil Engineers (PE & EI)	14		C16	Construction Surveying	4
38	Land Surveyor	01		H07	Hwys, Str, Airfield Paving	6
10	Cad Technician	10		P06	Planning	5
15	Construction Inspectors	08		S10	Surveying, Mapping, Platting	6
48	Project Managers	04		T03	Traffic and Transportation	6
				T04	Topo Survey and Map	3
				U03	Utilities	6
				W02	Water Resources, Hyrdology	4
				W03	Water Supply, Treatment, Dist.	6
				Z01	Zoning, Land Use	4
	Other Employees	11				
	Total	50				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	7	2. \$100,00 to less than \$250,000	9. \$25 million to less than \$50 million	10. \$50 million or greater	
c. Total Work	7	3. \$250,000 to less than \$500,000			
		4. \$500,000 to less than \$1 million			
		5. \$1 million to less than \$2 million			

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE September 29, 2023
c. NAME AND TITLE James P. Terpening, PE, COO	

Tab 2

Methodology/Approach

METHODOLOGY/APPROACH

The American team has served as your consultant since 2003. Through the years, the American team has worked diligently on more than 28 projects for the City. Crosstown Segment 3 was the first project we prepared contract documents for that is now in operation, and our current City of Port St. Lucie continuing professional design services contract is expiring next month.

Our project management approach centers on partnering with the City of Port St. Lucie to successfully deliver each assigned task order. Our management and organizational approach focuses on our team structure, which sets the stage for seamless delivery. We make sure that our project managers are not over-burdened with too many projects to manage. This gives each project the necessary attention and response time that sets us apart from other firms and provides the City with a personalized management process we feel is critical. We have gained a wealth of knowledge and experience from our previous and current on-call contracts, including the City of Port St. Lucie Continuing Professional Design Services, Florida DOT District Four Districtwide Minor Projects, and Florida DOT District Four Districtwide Plans Review and Design Support Services contacts. More than 600 task work orders (TWO) have been successfully completed under three consecutive on-call contracts for Districtwide Plans Review. Based on our experience delivering these TWO contracts, we have set up our team, which includes an experienced project manager and a comprehensive technical support team, to respond quickly in establishing tasks with the client project manager, maintain responsive communications and coordination throughout the contract, and deliver high-quality project deliverables.

American uses various tools to aid in the management of projects that have multiple tasks and disciplines. These tools include effective task order management (including negotiating a well-defined scope for each task assignment, creating a project-specific work plan, conducting team meetings and coordination, creating a detailed schedule, maintaining project files, and updating the budget weekly), and continuous quality control (QC).

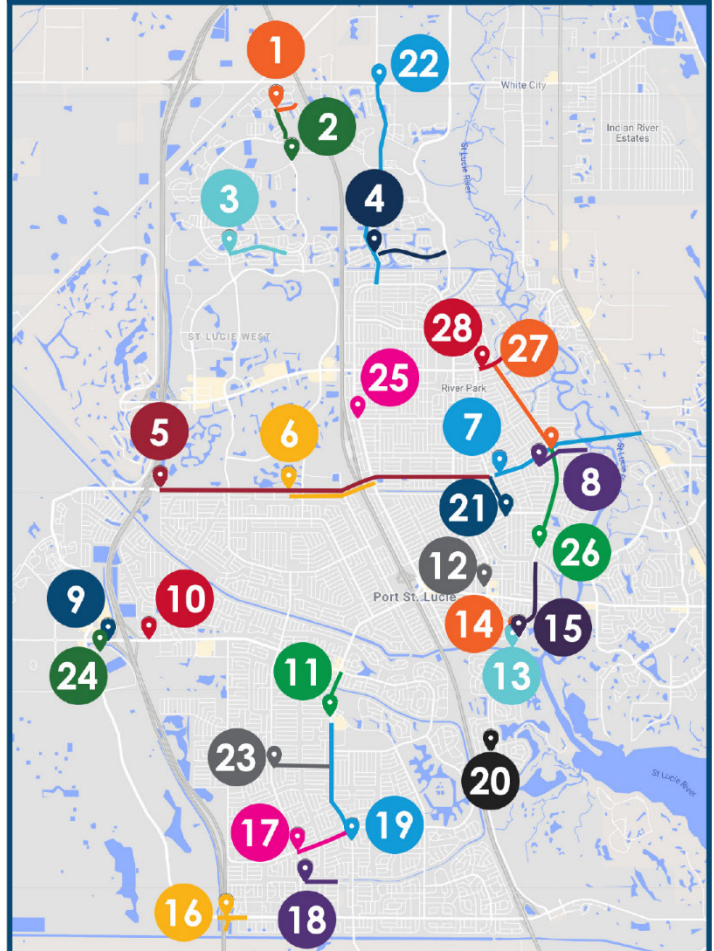
PROJECT MANAGEMENT PLAN

Our management plan utilizes the following key principles:

1. Milestone management: We will utilize the proposed schedule and required deliverables to manage these projects. The deliverables include 30% design, permit applications to SFWMD and USACE, 90% design, and final design.

2. Close coordination with City staff: We propose to continue the same procedures that we utilized on the Port St. Lucie Boulevard projects and have monthly team meetings, including the City project manager and other City staff, as needed. Team meetings can either

AMERICAN'S PROJECTS IN THE PORT ST. LUCIE AREA



- | | |
|--|---|
| 1. East Torino Sidewalk- Segment 3 | 16. I-95/Becker Road Interchange Design & CEI |
| 2. East Torino Sidewalk- Segment 2 | 17. Paar Drive Sidewalk from SW PSL Blvd west to Savona Blvd (at Savona) |
| 3. East Torino Sidewalk- Segment 1 | 18. PSL Continuing Professional Design (Idol Avenue Sidewalk) |
| 4. North Macedo Blvd Sidewalk | 19. PSL Blvd from S of Parr to Darwin |
| 5. Crosstown Speed Change Study | 20. PSL Continuing Professional Design (Jessica Clinton Ballfield Improvements) |
| 6. Crosstown Parkway Segment 3 | 21. Sandia Drive Sidewalk |
| 7. Crosstown Parkway Segment 1 | 22. Selvitz Road Sidewalk |
| 8. PSL Continuing Professional Design (D-11 Drainage Canal Improvements) | 23. Alcantarra Boulevard Sidewalk |
| 9. I-95/Gatlin Boulevard Interchange Phase II Design & CEI | 24. Hegener Drive Phase 1 Roadway |
| 10. I-95/Gatlin Boulevard Interchange Phase I Design & CEI | 25. Bayshore & Lakehurst Signal |
| 11. Port St Lucie Blvd (Darwin to Gatlin) | 26. Floresta Dr Phase 2 |
| 12. PSL Continuing Professional Design (PSL City Hall Parking lot Modifications) | 27. Floresta Dr Phase 3 |
| 13. C-24 Canal Boat Ramp | 28. Prima Vista |
| 14. Floresta Drive Roundabout at Southbend and SW Oakridge Dr. | |
| 15. Floresta Dr Phase 1 | |

be in person or Teams meetings. We will prepare and deliver monthly progress reports to the City, documenting progress.

3. Assigning committed team members:

Our proposed team for this project includes a team that can get the project completed on time with no learning curve for this project and involves nine American owners assigned to this project. The City could not ask for a more committed team than what we are proposing.

4. Use of interactive approach with the City to accelerate the work:

We have a great working relationship with the City staff and we talk multiple times a week with our project managers on design issues.

This way, City staff is involved in the project decisions throughout the design process. We feel that working with City staff this way produces the best product, allows us to accelerate the schedule with little rework of the design and plans, and eliminates surprises.

5. Early identification and resolution of critical project issues: We have been working in the City of Port St. Lucie for the last 20 years and have always been very proactive in identifying and resolving critical issues. We have been working with City staff, City Council, and the residents on many past projects issues, including pond locations, roundabout locations, median openings, traffic control design, posted speeds, types of curb and gutter, mail boxes, lighting design, and locations for trees.

6. Preparation of quality documents with responsiveness to exceed the expectations of the City: We understand that some TWO schedules may be aggressive. However, we will make our scheduled submittal dates and strive to submit early. We understand that when producing a quality product, an internal City review is not an option, and we ensure that every submittal has all the required information and has been thoroughly checked by an independent qualified engineers, as shown in our organizational chart.

7. Documenting important project decisions: Important project decisions are decided during meetings, design, or plans review. Documentation is sent to the City project manager for their concurrence, and information is sent to the project file and design team via email to record the project decisions. The design plans are then developed or revised, design criteria is adjusted, and the technical design memorandum is resubmitted.

Interwoven within all aspects of our project management approach, these seven key principles are fundamental to the successful completion of these projects.

PROJECT MANAGEMENT ROLE

Our approach to sound project management consists of designating a technically experienced project manager who is dedicated to carrying out the requirements of the project effectively. **Jaime Celler, PE** will be the key point of contact for the City project manager, in-house City staff, regulatory agencies, other external stakeholders such as utilities and property owners, and the project staff (including subconsultants). Jaime will have the day-to-day decision making authority for issue resolution, personnel utilization, and task assignment for the team. Jaime will provide, at a minimum, monthly updates to the City. American's goal is to complete these projects efficiently, quickly, and accurately.

STYLE OF PROJECT MANAGEMENT

American utilizes an interactive approach for all projects. Our experienced project manager, Jaime Celler, PE, is proactive and will anticipate and resolve issues quickly. He will return phone calls and emails in minutes, not days. We will communicate frequently with our subconsultants to assess their progress and quality of their work. We understand that every project has its own unique issues, and we will stay on top of these issues through the use of a project issues log that is reviewed weekly. We will ensure that all documents, plans, and agreements will be executed and finalized prior to the 90% design submittal. An email will be sent to the City's project manager



on a bi-weekly basis to document progress and the status of the schedule. Schedule updates will be performed at all milestones.

Since work may be done in multiple offices for these projects, we will use technologies such as electronic file transfer, ProjectWise, Microsoft Teams meetings, and weekly work-sharing collaboration meetings. We will also update the American FTP/Sharefile site daily with information for the project team and clients.

SUBCONSULTANT MANAGEMENT

We have assembled a highly qualified project team that has significant experience in all areas of work anticipated by the City, and we will customize our services to the City's needs throughout the contract's duration. Joining the American team for this initiative are four professional subconsultants with whom American has ongoing relationships and looks forward to working together on these projects. Our team will receive support from **Andersen Andre Consulting Engineers, Inc.** for geotechnical services, **Bowman Consulting Group, Inc.** for survey and SUE, **Culpepper & Terpening, Inc.** for survey and utility design, and **Cotleur & Hearing, LLC** for landscape architecture. We believe our team is the most complete and knowledgeable team to serve the City based on our extensive years of experience working together as a team on projects throughout the community. A weekly conference call and email with status updates between our project manager and our subconsultant task managers ensures that all subconsultants are kept informed of all changes in scope and can quickly respond to any challenges that arise. Subconsultants will provide weekly updates on their progress with follow-up written documentation. As prime consultant, American is aware of our sole responsibility to oversee and manage all subconsultant tasks.

TASK ORDER DELIVERY

American uses a proven seven-step project planning and completion process to execute any task order/project:

1. City staff identifies project need and scope.
2. American develops project team.
3. American and City negotiate task order.
4. Receive notice to proceed (NTP) from the City prior to beginning work.
5. Project kick-off meeting conducted.
6. Project production and City collaboration.
7. Task completed.

This approach can be used for any project type, whether it is an intersection improvement or a traffic signal warrant analysis.



NOTICE TO PROCEED

Upon notification of a new task assignment to be conducted, Jaime will schedule a field review of the proposed work and write up a draft scope, schedule, and fee estimate for the City to review. If all parties agree on the services to be accomplished, budget, and schedule, then the work order is assigned, and NTP is issued. This same procedure will be followed for this contract if the City exercises any additional or optional task items.

PROJECT DELIVERY

Immediately after NTP, a project-specific work plan will be generated, outlining all of the necessary steps to successfully deliver the project, including the identification of subconsultant services. An internal kickoff meeting is also held to begin work on the project, where the work plan, schedule, and budget, and delivery expectations are conveyed, including quality assurance/quality control (QA/QC) requirements. Permitting agencies and utility agencies/owners (UAO) will also be identified. Throughout the project, the City's project manager will be made aware and are copied on any communications/coordination efforts made with the permitting agencies and each UAO. As the project progresses, we will track project issues, schedule, and budget as described above. We will promptly alert the City's project manager of any issues requiring input from the City or that impact schedule or construction budget. Internally, we will conduct QC reviews as work products are completed. As task deliverables are developed, American's QA/QC procedures are implemented so that assignment expectations are met and the City receives a high quality product. When the City is completely satisfied with the plans (or other deliverable), contract documents are uploaded to the City to begin the bidding process. During construction, Jaime, or other appropriate experienced staff, will attend the pre-construction meeting, respond to RFIs, issue plans revisions if needed, and confirm as-built plans.

SUCCESSFUL TASK COMPLETION

When fully complete, we will close out each assignment in an organized manner. Jaime will discuss the assignment in the weekly coordination meeting to confirm no further work is needed. Hard-copy and electronic files will be reviewed to ensure they are complete, copies of all requested materials will be provided to the City, and a final invoice will be prepared.

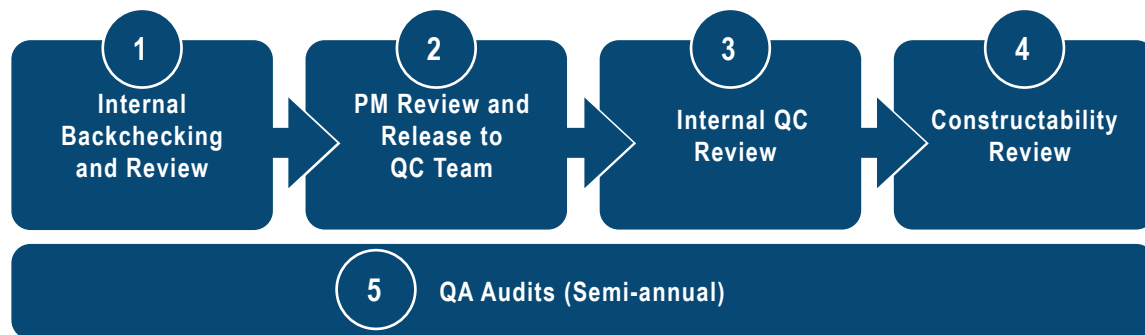
We will provide continuity and efficiency on task assignments by using the same project team from beginning to end. Using the same project team from submittal to submittal will ensure that work efforts are not duplicated, and prior design decisions are carried forward. All assignments will be individually tracked and discussed in the team meetings. Each assignment will be assigned a unique project number to accurately monitor and track costs.

QUALITY ASSURANCE/QUALITY CONTROL



American is extremely proud of our QA/QC program and procedures. We believe QA/QC is an integral part of a successful project work plan, and we have worked diligently to thoroughly integrate QC into the fabric of our daily operations. All submittals will undergo a rigorous QC review by independent senior staff before they are submitted to the City. We take quality control very seriously and have written procedures that are followed on every project. **We are using the latest technology, Bluebeam Revu, to review all documents and plans electronically that we have identified to be an efficient review process.** For design drawings, a set of check document(s) is first initiated.

The designated checker then reviews and highlights every line, dimension, and note on the initial check document(s) for technical and dimensional accuracy, for clarity and for adherence to applicable standards. When the changes/additions are made, the document(s) is then “backchecked” to ensure that all comments were addressed. When the document(s) are substantially complete, they are forwarded to the discipline approver for review and comment. Additionally, we recognize that each project has unique aspects that may require special QA/QC needs. Prior to beginning this contract, we will prepare a QA/QC plan to ensure that all aspects of the contract are covered. We will review and update the plan for any project-specific requirements that arise with an assignment. A copy of this plan can be submitted to the City for review and approval if desired. Our QA Manager, **Erik Leschak, PE**, will review all submittals for completeness and accuracy. We will ensure adequate time and budget is allocated to perform appropriate QC reviews. We use a five-step QA/QC process throughout the duration of a project, as illustrated below.



Step 1 - Internal Backchecking and Review. As work is completed on an ongoing basis, originators of the work are required to back-check their own work to verify it is complete and accurate. Once the originator is satisfied that their work is complete, the task leader will review the work and sign off on it with their initials. This back-checking and review is done daily. This ensures subsequent work is based on quality, accurate design, and analysis.

Step 2 - PM Review and Release to QC Team. At phase submittals, our project manager, **Jaime Celler, PE**, will review all submittal documents and plans for completeness. If complete, he will release the documents for independent review. If not, the documents will be sent back to the task leaders for corrective actions.

Step 3 - Independent QC Review. Each deliverable to the City will be reviewed by an appropriate independent senior staff member(s). In all cases, staff reviewing deliverables will not be involved in the preparation of the work product. These reviews will be conducted prior to submittal to the City. Documents reviewed by the QC team will be stamped with our official firm QC stamp and initialed in accordance with our QC plan.

Step 4 - Constructability Review. Formal constructability reviews will begin at the 60% design submittal. These reviews focus on consistency between component sets, identification of drainage and utility conflicts, verifying there is no work performed outside the right of way, plan clarity, unconstructable elements, maintenance of traffic, and equipment access and staging areas.

Step 5 - Semi-Annual QA Audits. In 2006, American began a unique QA program on all active projects. **Ryan Forrestel, PE**, a retired principal at American, has been conducting semi-annual QA audits in each office, looking at all projects. QA audits focus on two aspects of a project: QC and project documentation. In addition to our semi-annual audits, QA will be conducted prior to all submittals and documented to verify compliance with the QC program. The QC manager, or appointed representative, will review all submittals for completeness and accuracy.

We will evaluate and modify our quality management plan, if needed, to ensure all aspects of the project are covered. Our subconsultants will be required to either have their own project-specific QA/QC plan or follow our plan. American will perform QA reviews of all submittals prepared by our subconsultants. Our project manager for this contract, **Jaime Celler, PE**, will ensure quality control reviews are performed on all submittals to the City.



CONTROL OF PROJECT SCHEDULE

Developing a detailed project schedule will be one of the first activities we undertake. Our detailed schedule will include all the major and minor tasks with milestone dates identified for project support activities (surveys, geotechnical, etc.), design activities, permit and utility coordination, and project deliverables/phase reviews for the City of Port St. Lucie. The schedule will be developed with input from all discipline leaders and project partners to ensure that interconnections between activities/disciplines are identified, and the critical path attainable. Once drafted, we will review the schedule with the City's project manager for concurrence. Once approved, the detailed schedule will be reviewed in weekly project

productivity meetings. Each month, the percent complete will be updated, with special attention being given to critical path activities. It will be updated monthly (or more frequently if necessary) and submitted with progress reports to the City project manager, if requested.

Management techniques we propose using to ensure schedule requirements are met include:

- **Conduct an early design (15% line and grade meeting or concept development).** Getting timely input from City technical staff is critical to minimizing the risk of re-work. We propose to conduct an early conceptual design meeting to review proposed concepts. By receiving input from the City at this point in the design process, we can significantly minimize the chance for major re-work and ensure the City's project goals are met.
- **Schedule monthly progress meetings.** Upon assignment of a project we will meet with the City's project manager at least monthly to discuss progress, issues, and schedule. The meetings will focus on identifying and solving project issues and planning for the upcoming work. These meetings will be held face-to-face or by telephone.
- **Conduct continuous project QA/QC.** Continuous QA/QC is the key to delivering quality projects on time. Our firmwide QA/QC program requires that all internal work products be checked as they are completed. This allows us to avoid having to repeat design, ensuring the project schedule is met.
- **Conduct constructability and biddability reviews at the 60% design phase of each assignment.** Reviews will focus on issues that may impact the contractor's ability to construct the project. Specific items looked for are utility and drainage conflicts and work performed outside the right of way. The 90% design biddability review will focus on ensuring all work activities are accounted for in the pay items and footnotes. Conducting these reviews will minimize re-work and time required for review by City staff.
- **Produce a detailed project schedule.** The development of a detailed project schedule is key to understanding the required design and construction sequence. Our professionals will ensure proper coordination throughout both the design and construction phases, as well as making sure certain tasks can be completed within the proposed timeframe. As previously mentioned, the schedule will be continuously reviewed and updated to guarantee on-time delivery of submittals.
- **Continuity of staff.** The individuals identified on our team's project organizational chart will be assigned to each project for its full duration, including construction. We will not substitute staff without the City's approval. Additional staff will assist as necessary to meet the schedule.

CONTROL OF PROJECT BUDGET

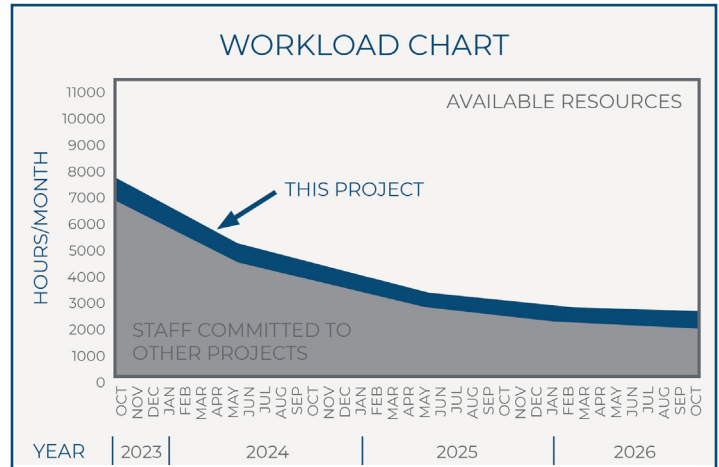
Cost control is a critical component of our business. The vast majority of our work is through repeat client business. We accomplish this by providing projects that are high-quality work, submitted on time, and within negotiated budgets. American takes several steps to control costs and ensure the successful completion of our projects. Design budget and the cost estimates will be monitored routinely using a team approach that relies on effective communication with the City and our subconsultants. There are two elements involved with project budget control: design and construction.

Design Budget: A clear understanding of the scope of services and minimize scope creep. Upon notice to proceed, projects are created in our accounting system according to disciplines and major work activities. Time charges and budget data is available to project staff at all times. We develop project work plans and project instructions for all projects where time charge numbers are clearly identified and defined. American conducts weekly team meetings during active project phases where budget is one of the agenda items. We utilize an interactive project approach that keeps our clients involved in the project at the appropriate times, thereby reducing the costs of redesign. Our QA/QC program is a continuous effort that is discussed at weekly meetings. American’s senior staff is involved in all stages of the project. Our managing principals conduct overviews for every project on a weekly to monthly basis that focus on budget, schedule, and required resources to successfully complete the project. We will discuss the status of the design budget at weekly team meetings, as well as the estimated effort to complete upcoming tasks. This conversation will ensure that all staff know their budget limitations at all times.

Construction Budget: The construction budget control includes the following elements: **1)** create the initial cost estimate at the 30% design submittal and update the cost estimate for all subsequent design submittals; **2)** provide accurate quantities; **3)** perform constructability reviews; **4)** eliminate or minimize utility conflicts; and **5)** include appropriate percentages for contingencies. We control construction costs by considering construction costs throughout design. Minimizing ROW is key to controlling construction cost. We will prepare a preliminary construction cost estimate early in the project to verify the cost is generally within the City’s budget. If not, we will discuss opportunities to reduce construction costs. We will prepare a detailed cost estimate at 60% submittal. Substantial changes in the construction cost will be documented and discussed with the City. Part of our final process will be evaluating recent market volatility with recent bids. A final cost estimate will be prepared with the final plans.

WORKLOAD AND AVAILABILITY

The American team is available to provide the services for this contract, beginning immediately after contract execution. The workload chart graphic below reflects our current workload over the contract term. American clearly has the capacity and availability to undertake this project and any other task orders for additional phases under this agreement. In fact, we have the capacity and available resources to reassign additional staff, if needed, to accelerate the schedule.



Our workload projection from this contract’s inception sets our key staff’s availability within the 50-75% range. The availability of our team members increases over the life of the contract. The remainder of the American team has availability to support the key individuals.

CURRENT PROJECT COMMITMENTS

This contract fits easily within American’s capacity, and will not require us to hire additional staff to complete any task. Importantly, our project manager, **Jaime Celler, PE**, is committed to this contract and will provide the City and this project with the attention and focus required to meet and exceed the City’s expectations.



Tab 3

Certified Minority
Business Enterprise

American Consulting Engineers of Florida, LLC is not a certified minority business enterprise.

Tab 4

Additional Required
Proposal Submittal Forms

CONTRACTOR'S GENERAL INFORMATION WORK SHEET
E-RFP #20230087

It is understood and agreed that the following information is to be used by the City to determine the qualifications of prospective Contractor to perform the work required. The Contractor waives any claim against the City that might arise with respect to any decision concerning the qualifications of the Contractor.

The undersigned attests to the truth and accuracy of all statements made on this questionnaire. Also, the undersigned hereby authorizes any public official, Engineer, Surety, bank, material or equipment manufacturer, or distributor, or any person, firm or corporation to furnish the City any pertinent information requested by the City deemed necessary to verify the information on this questionnaire.

Dated at Wesley Chapel, FL, this 21 day of September 2023
 (Location)

Name of Organization/Contractor: American Consulting Engineers of Florida, LLC

By: E. Gayle Grady, PE | Managing Principal
 Name and Title

1. Corporation, Partnership, Joint Venture, Individual or other? Limited Liability Company

2. Firm's name and main office address, telephone, and fax numbers

Name: American Consulting Engineers of Florida, LLC
Address: 2041 Vista Parkway, Suite 101
West Palm Beach, Florida 33411
Telephone Number: 531.253.9550
Fax Number: 813.435.26.01

3. Contact person: Jaime Celler, PE Email: jceller@acp-fl.com

4. Firm's previous names (if any). American Consulting Engineers, PLC

5. How many years has your organization been in business? 21

6. Is the firm claiming Local Preference under City Ordinance 35.12? YES / **(NO)**

7. **ADDENDUM ACKNOWLEDGMENT** - Bidder acknowledges that the following addenda have been received and are included in its proposal/bid:

Addendum Number	Date Issued	Addendum Number	Date Issued
#1	September 15, 2023		

8. Has the Contractor or any of its principals ever been declared bankrupt or reorganized under Chapter 11 or put into receivership?

Yes () No (x)

If yes, please explain:

9. List any lawsuits pending or completed within the past five (5) years involving the corporation, partnership or individuals with more than ten percent (10 %) interest:
American Consulting Engineers of Florida, LLC has no lawsuits pending or completed within the past five years involving partnership or individuals with more than 10% interest.
(N/A is not an acceptable answer - insert lines if needed)

10. List any judgments from lawsuits in the last five (5) years:
American Consulting Engineers of Florida, LLC has no judgements from lawsuits in the last five years.
(N/A is not an acceptable answer - insert lines if needed)

11. List any criminal violations and/or convictions of the Proposer and/or any of its principals:
American Consulting Engineers of Florida, LLC and/or any of its principals have no criminal violations and/or convictions.
(N/A is not an acceptable answer - insert lines if needed)



Signature

E. Gayle Grady, PE | Managing Principal
Title

NOTICE TO ALL PROPOSERS:

To ensure fair consideration is given for all Proposers, it must be clearly understood that upon release of the proposal and during the proposal process, firms, and their employees of related companies as well as paid or unpaid personnel acting on their behalf shall not contact or participate in any type of contact with City employees, department heads or elected officials, up to and including the Mayor and City Council. The "Cone of Silence" is in effect for this solicitation from the date the solicitation is advertised on DemandStar, until the time an award decision has been approved by City Council and fully executed by all parties. Information about the Cone of Silence can be found under the City of Port St. Lucie Ordinance 20-15, Section 35.13. Contact with anyone other than the Issuing Officer may result in the vendor being disqualified. All contact must be coordinated through Nadia Tourjee, Issuing Officer, for the procurement of these services.

All questions regarding this Solicitation are to be submitted in writing to Nadia Tourjee, Procurement Agent I with the Procurement Management Department via e-mail ibarr@cityofpsl.com, or by phone 772-344-4055 Please reference the Solicitation number on all correspondence to the City.

All questions, comments and requests for clarification must reference the Solicitation number on all correspondence to the City. Any oral communications shall be considered unofficial and non-binding.

Only written responses to written communication shall be considered official and binding upon the City. The City reserves the right, at its sole discretion, to determine appropriate and adequate responses to the written comments, questions, and requests for clarification.

*NOTE: All addendums and/or any other correspondence before bid close date (general information, question and responses) to this solicitation will be made available exclusively through the DemandStar's Website for retrieval. All notice of intent to award documentation will be published on the City Clerk's Website. Proposers are solely responsible for frequently checking these websites for updates to this solicitation.

I understand and shall fully comply with all requirements of City of Port. St. Lucie Ordinance 20-15, Section 35.13.

Typed Name: E. Gayle Grady, PE

Signed: _____

Company and Job Title: Managing Principal | American Consulting Engineers of Florida, LLC

Date: September 21, 2023

September 18, 2023



"A City for All Ages"

E-RFP #20230087
CONTRACTOR'S CODE OF ETHICS

The City of Port St Lucie ("City"), through its Procurement Management Department ("Procurement Management Department") is committed to a procurement process that fosters fair and open competition, is conducted under the highest ethical standards, and enjoys the complete confidence of the public. To achieve these purposes, Procurement Management Department requires each vendor who seeks to do business with the City to subscribe to this Contractor's Code of Ethics.

- ◆ A Contractor's bid or proposal will be competitive, consistent, and appropriate to the bid documents.
- ◆ A Contractor will not discuss or consult with other Vendors intending to bid on the same contract or similar City contract for the purpose of limiting competition. A Vendor will not make any attempt to induce any individual or entity to submit or not submit a bid or proposal.
- ◆ Contractor will not disclose the terms of its bids or proposal, directly or indirectly, to any other competing Vendor prior to the bid or proposal closing date.
- ◆ Contractor will completely perform any contract awarded to it at the contracted price pursuant to the terms set forth in the contract.
- ◆ Contractor will submit timely, accurate and appropriate invoices for goods and/or services actually performed under the contract.
- ◆ Contractor will not offer or give any gift, item, or service of value, directly or indirectly, to a City employee, City official, employee family member or other vendor contracted by the City.
- ◆ Contractor will not cause, influence, or attempt to cause or influence, any City employee or City Official, which might tend to impair his/her objectivity or independence of judgment; or to use, or attempt to use, his/her official position to secure any unwarranted privileges or advantages for that Vendor or for any other person.
- ◆ Contractor will disclose to the City any direct or indirect personal interests a City employee or City official holds as it relates to a Vendor contracted by the City.
- ◆ Contractor must comply with all applicable laws, codes or regulations of the countries, states and localities in which they operate. This includes, but is not limited to, laws and regulations relating to environmental, occupational health and safety, and labor practices. In addition, Contractor must require their suppliers

(including temporary labor agencies) to do the same. Contractor must conform their practices to any published standards for their industry. Compliance with laws, regulations and practices include, but are not limited to the following:

- o Obtaining and maintaining all required environmental permits. Further, Contractor will endeavor to minimize natural resource consumption through conservation, recycling, and substitution methods.
- o Providing workers with a safe working environment, which includes identifying and evaluating workplace risks and establishing processes for which employee can report health and safety incidents, as well as providing adequate safety training.
- o Providing workers with an environment free of discrimination, harassment, and abuse, which includes establishing a written antidiscrimination and anti-bullying/harassment policy, as well as clearly noticed policies pertaining to forced labor, child labor, wage and hours, and freedom of association.

Name of Organization/Proposer American Consulting Engineers of Florida, LLC

Signature _____

Printed Name and Title E. Gayle Grady, PE | Managing Principal

Date September 21, 2023

DISCLAIMER: This Code of Ethics is intended as a reference and procedural guide to contractors. The information it contains should not be interpreted to supersede any law or regulation, nor does it supersede the applicable contractor contract. In the case of any discrepancies between it and the law, regulation(s) and/or contractor contract, the law, regulatory provision(s) and/or vendor contract shall prevail.



"A City for All Ages"

E-Verify Form

Supplier/Consultant acknowledges and agrees to the following:

- 1. Shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Supplier/Consultant during the term of the contract; and
2. Shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.
3. The Contractor hereby represents that it is in compliance with the requirements of Sections 448.09 and 448.095, Florida Statutes. The Contractor further represents that it will remain in compliance with the requirements of Sections 448.09 and 448.095 Florida Statutes, during the term of this contract and all attributed renewals.
4. The Contractor hereby warrants that it has not had a contract terminated by a public employer for violating Section 448.095, Florida Statutes, within the year preceding the effective date of this contract. If the Contractor has a contract terminated by a public employer for any such violation during the term of this contract, it must provide immediate notice thereof to the City.

E-Verify Company Identification Number 375287
Date of Authorization November 30, 2010
Name of Contractor American Consulting Engineers of Florida, LLC
Name of Project Professional Design Engineering Continuing Services
Solicitation Number (If Applicable) E-RFP #20230087

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

Executed on September 27th, 2023 in Wesley Chapel (city), FL (state).

Signature of Authorized Officer (Handwritten signature)

E. Gayle Grady, PE | Managing Principal
Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME

ON THIS THE 27th DAY OF September, 2023.

NOTARY PUBLIC (Handwritten signature)

My Commission Expires: December 26, 2025

COURTNEY DURAN
Notary Public, State of Florida
My Comm. Expires Dec. 26, 2025
No. HH 211035



"A City for All Ages"

**NON-COLLUSION AFFIDAVIT
E-RFP #20230087**

State of Florida }

County of Pasco }

E. Gayle Grady, PE, being first duly sworn, disposes and says that:
(Name/s)

1. They are Managing Principal of American Consulting Engineers of Florida, LLC the Proposer that
(Title) (Name of Company)

has submitted the attached PROPOSAL;

2. He is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such PROPOSAL;

3. Such Proposal is genuine and is not a collusive or sham Proposal;

4. Neither the said Proposer nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Proposer, firm or person to submit a collusive or sham Proposal in connection with the contract for which the attached proposal has been submitted or to refrain from proposing in connection with such Contract or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer, firm or person to fix the price or prices in the attached Proposal or of any other Proposer, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the City of Port St. Lucie or any person interested in the proposed Contract; and

5. The price or prices quoted in the attached Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(Signed) 

(Title) E. Gayle Grady, PE | Managing Principal



"A City for All Ages"

STATE OF FLORIDA }
COUNTY OF ST. LUCIE } SS:

The foregoing instrument was acknowledged before me this (Date) September 27th, 2023

by: E. Gayle Grady, PE who is personally known to me or who has produced

_____ as identification and who did (did not) take an oath.

Commission No. HH 211035

Notary Print: Courtney Duran

Notary Signature: Courtney Duran

COURTNEY DURAN
Notary Public, State of Florida
My Comm. Expires Dec. 26, 2025
No. HH 211035



"A City for All Ages"

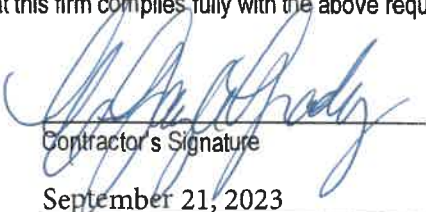
DRUG-FREE WORKPLACE FORM
E-RFP #20230087

The undersigned vendor in accordance with Florida Statute 287.087 hereby certifies that

American Consulting Engineers of Florida, LLC does:
(Name of Business)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under proposal 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 proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 Florida Statutes 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 firm complies fully with the above requirements.


Contractor's Signature

September 21, 2023

Date

VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES' LISTS

Vendor Name: American Consulting Engineers of Florida, LLC
Vendor FEIN: 04-3682340
Authorized Representative's Name: E. Gayle Grady, PE
Authorized Representative's Title: Managing Principal
Address: 2041 Vista Parkway, Suite 101
City, State and Zip Code: West Palm Beach, FL 33411
Phone Number: 813.435.2569
Email Address: egrady@acp-fl.com

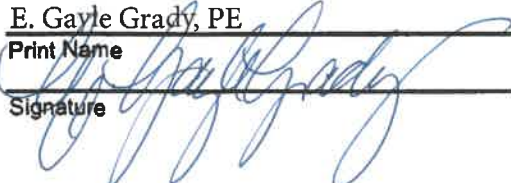
Sections 287.135 and 215.473, Florida Statutes, prohibit Florida municipalities from contracting with companies, for goods or services over \$1,000,000 that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or to engage in any Business operations with Cuba or Syria. Sections 287.135 and 215.4725 also prohibit Florida municipalities from contracting with companies, for goods or services in any amount that are on the list of Scrutinized Companies that Boycott Israel.

The list of "Scrutinized Companies" is created pursuant to Section 215.473, Florida Statutes. A copy of the current list of "Scrutinized Companies" can be found at the following link:
<https://www.sbafla.com/fsb/FundsWeManage/FRSPensionPlan/GlobalGovernanceMandates/QuarterlyReports.aspx>

As the person authorized to sign on behalf of the Respondent Vendor, I hereby certify that the company identified above in the section entitled "Respondent Vendor Name" is not listed on either the Scrutinized Companies with Activities in Sudan List; or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; is not participating in a boycott of Israel; and does not have any business operations with Cuba or Syria. I understand that pursuant to Sections 287.135 and 215.473, Florida Statutes, the submission of a false certification may subject the Respondent Vendor to civil penalties, attorney's fees, and/or costs.

I understand and agree that the City may immediately terminate any contract resulting from this solicitation upon written notice if the company referenced above are found to have submitted a false certification or any of the following occur with respect to the company or a related entity: (i) for any contract for goods or services in any amount of monies, it has been placed on the Scrutinized Companies that Boycott Israel List, or is engaged in a boycott of Israel, or (ii) for any contract for goods or services of one million dollars (\$1,000,000) or more, it has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or it is found to have been engaged in business operations in Cuba or Syria.

Authorized Signature

E. Gayle Grady, PE
Print Name

Signature



"A City for All Ages"

TRUTH-IN-NEGOTIATION CERTIFICATE

RFP- # 20230087

Pursuant to Section 287.055(5)(a), Florida Statutes, for any lump-sum or cost-plus-a-fixed fee professional services contract over the threshold amount provided in Section 287.017, Florida Statutes for CATEGORY FOUR, the City of Port St. Lucie, Florida requires the Consultant to execute this certificate and include it with the submittal of the Technical Proposal, or as prescribed in the contract advertisement.

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the City determines the agreement price was increased due to inaccurate, incomplete, or non-current wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the City, whichever is later.

American Consulting Engineers of Florida, LLC

Name of Firm

E. Gayle Grady, PE

President or Designee (Printed)

President or Designee (Signed)

The foregoing instrument was acknowledged before me by E. Gayle Grady, PE who is personally known to me. WITNESS my hand and official seal in the _____ (Name of County)

FL (State) last aforesaid this 27th day of September, 2023.

Pasco County

COURTNEY DURAN
Notary Public, State of Florida
My Comm. Expires Dec. 26, 2025
No. HH 211035

(SEAL)

Signature

Notary Name (typed or printed)

Notary Name (signed)