



C&T's Past Experience at Floresta Drive Improvement Project

E-RFP NO. 20230088
CONSTRUCTION
ENGINEERING
& INSPECTION
(CEI) CONTINUING
SERVICES

SEPTEMBER 29, 2023 | 3:30 pm



**CULPEPPER &
TERPENING INC**

C&T Project No. 23-131
Certificate of Authorization No. 4286

PREPARED FOR
City of Port St. Lucie
Attn: Procurement Division
121 S.W. Port St. Lucie
Port St. Lucie, Florida 34984
Tel. (772) 871-5225
www.cityofpsl.com

PREPARED BY
Culpepper & Terpening, Inc
2980 South 25th Street
Fort Pierce, Florida 34981
Tel. (772) 464-3537
www.ct-eng.com



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City of Port St. Lucie
Attention: Procurement Division
121 SW Port St. Lucie Blvd.
Port St. Lucie, Florida 34984

September 29, 2023

**RE: E-RFP No. 20230088
Construction Engineering & Inspection (CEI) Continuing Services**

To Whom it Concerns;

Culpepper and Terpening, Inc. is pleased to submit this response to the City's Request for Proposal (E-RFP) for Construction Engineering & Inspection (CEI) Continuing Services. For over 40 years, Culpepper & Terpening, Inc. (C&T), has had the privilege of providing (CEI) services to the City of Port St. Lucie on a countless number of projects, large and small, and we look forward to the opportunity to continue to provide those services.

At C&T, we take pride in our expertise and attention to detail in providing our clients with a thorough examination of all project plans and specifications prior to and during construction in order to identify any quality control or project savings issues. We are locally headquartered here in St. Lucie County with all of our employees living in the City of Port St. Lucie, St. Lucie County or northern Martin County area. All of our employees are full time employees, not contract or 1099 hires. As a full-service firm, we provide in-house survey and project management expertise with cross-trained personnel available for all CEI projects.

However, in anticipation that the City will have many diverse projects and CEI needs to be addressed under this continuing services contract, we have put together a project team that we believe provides the city with a wide range of individual area experts, all managed through a local face. Joining us in this submittal are the following firms:

- | | |
|---|---|
| ▪ Johnson, Mirmiran & Thompson, Inc. | CEI Support / Bridge Inspection/ Structures |
| ▪ Wojcieszak & Associates Consulting | MEP Systems Support |
| ▪ Andersen Andre Consulting Engineers, Inc. | Soils and Geotech Analysis/Testing |
| ▪ Ardaman and Associates | Alternate Soils and Geotech |
| Analysis/Testing/Small Structure | |
| ▪ Masuen Consulting, LLC | Landscape Design/ Inspection Support |
| ▪ Cotleur Hearing, Inc. | Landscape Design/ Inspection Support |
| ▪ Hobe Sound Environmental Consultants | Environmental Support |

As presented in our submittal, the Culpepper & Terpening, Inc., team is well qualified to provide continuing CEI services to the City for the following reasons:


- Team experience, including specially disciplines, and certifications for all types of work;
- Our understanding of city procedures and processes;
- Understanding of the city budget constraints and desired work scopes;
- Proven track record of successful oversight on numerous critical city projects; and
- Local knowledge with full-service capabilities.



On behalf of our experienced project team, we look forward to the opportunity to partner with the city through this Continuing Services Contract. As always, should you have any questions, please feel free to contact me at (772) 464-3537.

Sincerely,

CULPEPPER & TERPENING, INC.


James P. Terpening, PE
President


Marcelo Dimitriou, PE
Director of Construction Services



Tab #1 Firms Qualifications

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Tab #1A Cover Page

BUSINESS NAME: Culpepper & Terpening, Inc.
ADDRESS: 2980 S. 25th Street, Fort Pierce, Florida 34981
TELEPHONE NUMBER: 772-464-3537
PROJECT MANAGER:



Marcelo Dimitriou, PE
2980 S. 25th Street
Fort Pierce, Florida 34981
772-464-3537, Extension 218
mdimitriou@ct-eng.com

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A Qualified and Experienced Interdisciplinary Team – C&T is a multidisciplinary firm, staffed by civil engineers, construction engineers, inspectors, planners and surveyors. Our senior management team has over 100 years of combined experience on the Treasure Coast. Our years of experience have resulted in valuable relationships with local, regional, state, and federal regulatory agencies, including St. Lucie County, FPL, FDOT, FDEP, and SFWMD. We know funding is a vital part of any project and we can help with our experience with legislative appropriations, grant administration, LAP funded projects, and State Revolving Fund projects. Our CEI Director, Marcelo Dimitriou, has worked on many significant projects with the City over the past 15 years and will be the lead point of contact on these projects. Our highly qualified inspection staff has extensive experience on many projects including roadway, stormwater, utility, parks, and mass grading. They are trained in specialized fields including stormwater inspector, various levels of temporary traffic control, FAA drone pilot, and CTQP training, all of which are no substitute for their work experience. They have the ability to utilize survey or GPS equipment and drones on site for verification or other tasks. Resumes are included that indicate the staff experience.

Our Team is bolstered by subconsultant partners: Andersen Andre Consulting Engineers (AACE) for testing & geotechnical services; Hobe Sound Environmental (HSE) for environmental support related to endangered species and for expertise in aquatic plantings; and JMT for any additional CEI resources that may be needed. We have a proven track record of successful projects with all of these subconsultants, including on high profile City projects.

Proven Track Record in City

Culpepper & Terpening, Inc. (C&T) has been a close partner with the City over the past 15 years during historic growth. In that time, we have provided CEI services and partnered closely with the City on its most important projects. These projects have included roadway, sidewalk, utility, parks, stormwater and development projects. Below is a partial list of successful projects that C&T provided CEI services for the City and adjacent area in the last decade and a half.

ROADWAY PROJECT	
Village Parkway Phase 1	Village Parkway Phase 2
Crosstown Parkway Phase 2	Crosstown Parkway Phase 4
Community Boulevard Phase 1	Becker Road East Phase 1
Becker Road East Phase 2	Becker Road East Phase 3
Becker Road West Phase 1	Becker Road West Phase 2
Loop Road Phase 1 (Grant)	Floresta Drive Phase 1
Floresta Drive Phase 2	Selvitz/Bayshore Intersection Improvements
St. Lucie West Intersection Improvements	Green River Parkway
West Midway Road (25th St to west of Selvitz)	Walton Road
North Lennard Road Extension	Edwards Road Reconstruction (LAP)
North 2nd Street Reconstruction	North 13th Street Reconstruction (LAP)
US-1/Colorado Intersection Improvements (LAP)	I-95/Kanner Hwy Intersection Improvements (LAP)
Kings Highway/Indrio Road Intersection Improvements (LAP)	SR-70 Turn Lanes (LAP)
US-1/Ohio Avenue (LAP)	A1A Phase 1 St. Lucie County
A1A Phase 2 St. Lucie County	A1A Phase 3 St. Lucie County



SIDEWALK PROJECTS

Citywide Selvitz Area Sidewalks	Mariposa Sidewalks (LAP)
Savona Sidewalks and Ped Bridge (LAP)	Darwin Sidewalks and Ped Bridge (LAP)
NW 36th Street Sidewalks (LAP)	Paar Sidewalks

STORMWATER PROJECTS

Eastern Watershed Improvement Lennard Road	Sagamore STAs (Grant)
North St. Lucie Basin Drainage Improvements	E-3 Canal Culverting
Tom Hooper Park	Duda Canal Expansion
McCarty Ranch Water Farming Phase 1 (Grant)	Veranda Ditch Gabions
Large Diameter Culverts at St. Lucie City Canals	Paradise Park Drainage Improvements
Hillmore Jensen Drainage Improvements	

UTILITY PROJECTS

Citywide (PSL) Water Main Replacements	Bayshore Water Main Replacement
Paar Drive 24" Water Main	Numerous New Water and Sewer Mains in PSL Developments
McCarty Ranch Water Farming Phase 1	Citywide (Stuart) Water Main Replacements
Citywide (Stuart) Low Pressure Sewer	Orange Avenue 16" Force Main
PSL Boulevard Pedestrian Lighting	

PARK PROJECTS

Riverwalk/Westmoreland Park	Canal Park
Stuart Veterans Memorial Park	Winterlakes Park

C&T Business Structure:

Culpepper and Terpening, Inc. is a multidisciplinary consulting firm providing Surveying services, GIS, Civil engineering and CEI services on the Treasure Coast. Our staff includes approximately 50 employees that include division managers, surveyors, GIS, UAV pilots, CAD technician's, project managers, engineers and planners.

OWNERSHIP INTEREST

Culpepper and Terpening, Inc. is a Florida Corporation, #H85712, incorporated November 19, 1985. Culpepper and Terpening, Inc., EIN is #592606420. Our current Officers of the Corporation are:

Sherry T. Terpening, President	Stefan K. Matthes, PE, Sr. Vice President
James P. Terpening, Jr., PE, Chief Operating Officer	Thomas P. Kiernan, PSM, Vice President

Business/Occupational Licenses:

State of Florida Board of Professional Engineers License #4286; and
State of Florida Board of Professional Surveyors and Mappers License #LB4286;

Staff Qualifications: Culpepper and Terpening, employs one (1) Professional Surveyors and Mapper licensed within the State of Florida, seven (7) Professional Engineers licensed within the State of Florida, seven (7) Engineer Interns, one (1) certified CPAP, one (1) MBA, seven (7) certified in MOT, and one (1) certified LEED personnel.



FDOT CERTIFICATION	
Culpepper and Terpening, Inc., Team is FDOT Pre-Qualified, for unlimited contracts, in	
PD&E Studies (Group 2)	Traffic Operations and Design (7.1, 7.2, 7.3)
Highway Design Roadway (3.1, 3.2 & 3.3)	Surveying & Mapping (8.1, 8.2 & 8.4)
Highway Design Bridges (4.1.1, 4.1.2 & 4.2.2)	CEI (10.1, 10.3, 10.4, 10.5.1, 10.5.2)
Traffic Engineering and Ops Studies (6.1, 6.2, 6.2.1, 6.3.2 & 6.3.3)	Planning (13.4, 13.5, 13.6 & 13.7)

Professional Affiliations:

- Florida Surveying and Mapping Society
- Florida Land Surveyors Council
- National Society of Professional Surveyors
- American Land Planning Association
- Associated General Contractors
- National Society of Professional Engineers
- Florida Society of Professional Engineers
- American Water Works Association
- Florida Institute of Consulting Engineers

Past Community Service:

- Keep Port St. Lucie Beautiful
- Boys and Girls Club
- Big Brother Big Sisters
- Local Chapter of FPLSM
- Treasure Coast Research and Education Board
- St. Lucie County Planning Board Chairman
- City of Port St. Luce Planning Board
- St. Lucie Rotary Club
- SLC Contractors Licensing Board
- Treasure Coast Young Professionals Chamber President
- Martin County Commissioner
- University of Florida Engineering Dean Advisory Board
- Treasure Coast Research and Education Board
- City of Port St. Luce Planning Board
- Florida Engineering Society

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Location:

The City's Administrative offices are less than 20 minutes away from Culpepper & Terpening's main office.

- Fort Pierce Office
Culpepper & Terpening, Inc.
2980 South 25th Street
Ft. Pierce, Florida 34981
- Stuart Office
Culpepper & Terpening, Inc.
121 SW Flagler Avenue
Stuart, FL 34994

All assigned staff are located at the above address which is under 10 miles from City Hall

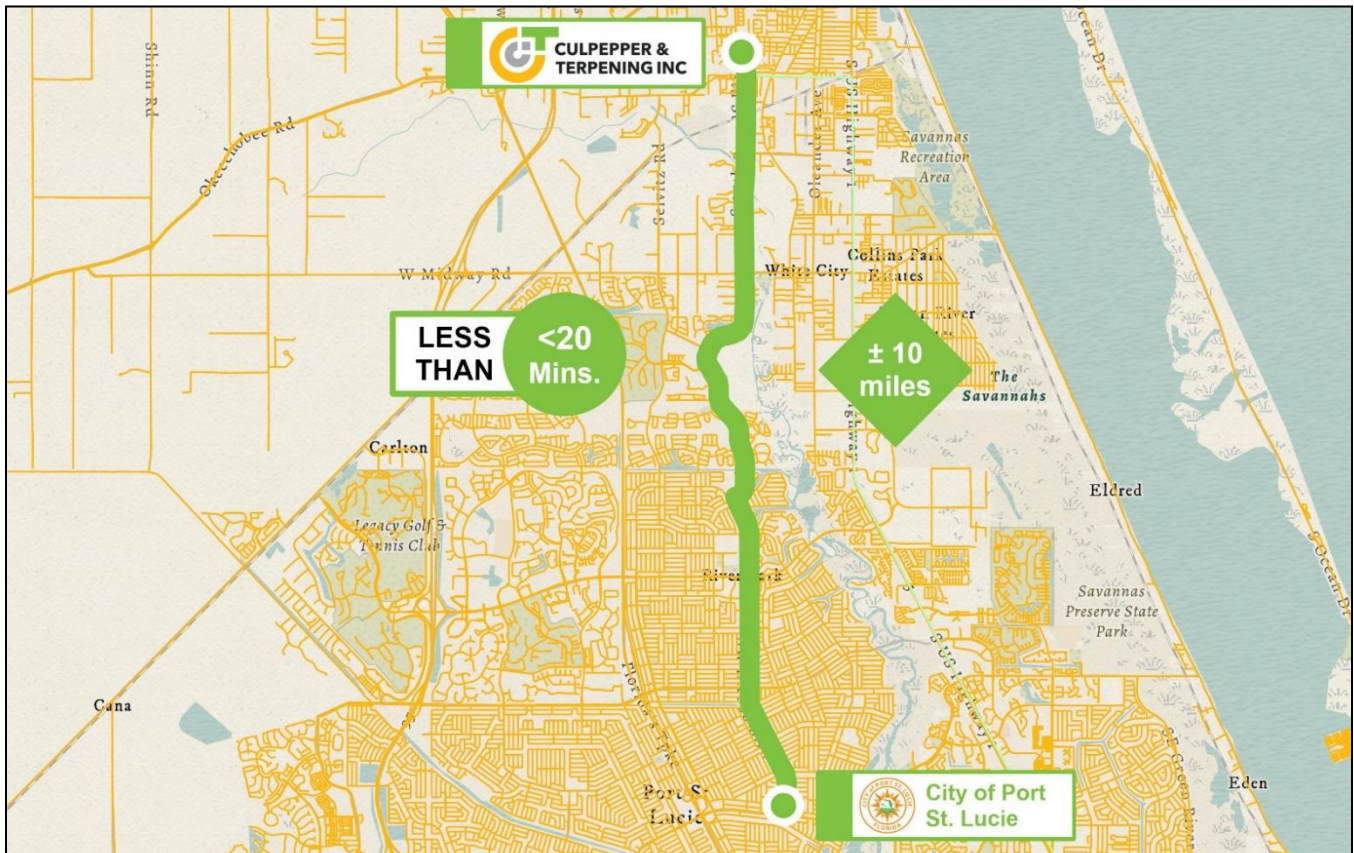


Figure 2 – Location Map



Tab #1C Standard Form 330

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (*City and State*)

Construction Engineering & Inspection (CEI) Continuing Services

2. PUBLIC NOTICE DATE

September 1, 2023

3. SOLICITATION OR PROJECT NUMBER

E-ERP No. 20230088

B. ARCHITECT-ENGINEER POINT OF CONTACT

3. NAME AND TITLE

Marcelo Dimitriou, PE – Director of CEI

4. NAME OF FIRM

Culpepper & Terpening, Inc.

5. TELEPHONE NUMBER

772-464-3537

6. FAX NUMBER

772-464-9797

7. E-MAIL ADDRESS

mdimitriou@ct-eng.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	SUBCON-TRACTOR				
a	X			Culpepper & Terpening, Inc <input type="checkbox"/> CHECK IF BRANCH OFFICE	2980 S. 25th Street Fort Pierce, Florida 34981	Prime
b			X	Johnson Mirmiran & Thompson, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	400 Colonial Center Parkway Lake Mary, Florida 32746	Subconsultant
c			X	Ardaman and Associates <input type="checkbox"/> CHECK IF BRANCH OFFICE	8008 S. Orange Avenue Bell Isles, Florida 32809	Subconsultant
d			X	Andersen Andre Consulting Engineers, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE <input type="checkbox"/> CHECK IF BRANCH OFFICE	834 SW Swan Avenue Port St. Lucie, Florida 34983	Subconsultant

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

X (Attached SEE TAB 1F)



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

20. EXAMPLE PROJECT KEY NUMBER
01

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

21. TITLE AND LOCATION <i>(City and State)</i> Floresta Drive Widening Phase 1 CEI & GEO Port St. Lucie, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES X	CONSTRUCTION <i>(if applicable)</i> 2020/21

23. PROJECT OWNER'S INFORMATION

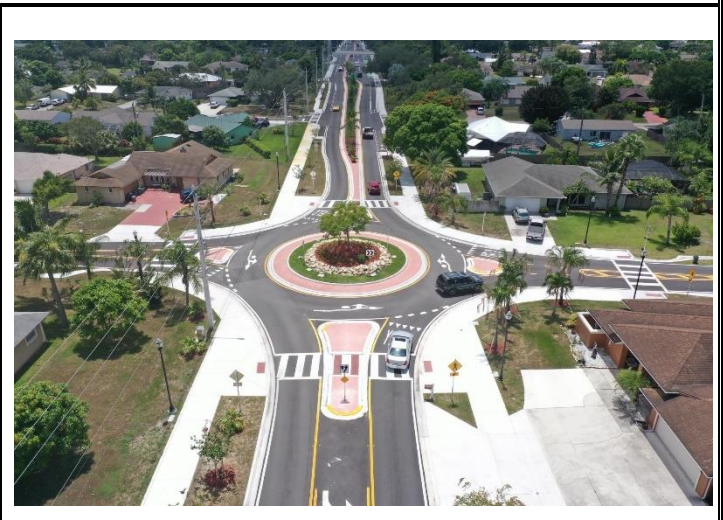
A. PROJECT OWNER City of Port St. Lucie	B. POINT OF CONTACT NAME Frank Knott, Project Manager	C. POINT OF CONTACT TELEPHONE NUMBER 772-380-6022
---	---	---

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

C&T provided Construction Engineering and Inspection (CEI) services to the City associated with the construction of Floresta Drive Phase 1 improvements. The Floresta Drive Improvement Project provided a two-lane roadway with landscaping, lighting, sidewalks and bicycle lanes from Southbend Boulevard to Prima Vista Boulevard. Relevant Activities: CEI, Public Awareness, Neighborhood Work Area, MOT, Agency Coordination and NPDS Compliance. The project included the following key features:

- 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 roundabouts

Construction cost was \$12 million.



Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
b.	JMT	Fort Pierce	Subconsultant CEI
	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	AACE	Port St. Lucie	Geotech



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <small>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</small>	20. EXAMPLE PROJECT KEY NUMBER 02
---	---

21. TITLE AND LOCATION <i>(City and State)</i> Floresta Drive Widening Phase 2 CEI & GEO Port St. Lucie, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES X	CONSTRUCTION <i>(if applicable)</i> 2022/ONGOING

23. PROJECT OWNER'S INFORMATION

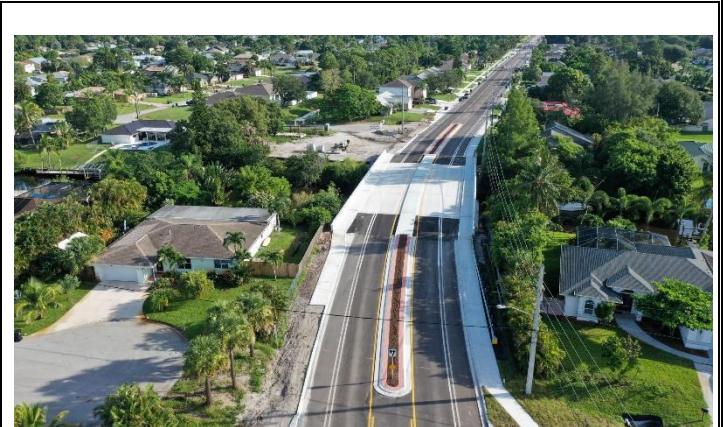
A. PROJECT OWNER City of Port St. Lucie	B. POINT OF CONTACT NAME Frank Knott, Project Manager	C. POINT OF CONTACT TELEPHONE NUMBER 772-380-6022
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

C&T provided Construction Engineering and Inspection (CEI) services to the City associated with the construction of Floresta Drive Phase 2 improvements. The Floresta Drive Improvement Project provided a two-lane roadway with landscaping, lighting, sidewalks and buffered bicycle lanes from SE Whitmore Drive to Prima Vista Boulevard. The project included the following key features:

- 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 roundabouts

Construction cost is \$29 million.



Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	JMT	Fort Pierce	Subconsultant CEI
c.	AACE	Port St. Lucie	Geotech



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <small>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</small>	20. EXAMPLE PROJECT KEY NUMBER 03
---	---

21. TITLE AND LOCATION <i>(City and State)</i> Edwards Road Reconstruction (U.S 1 to Oleander Avenue) CEI Fort Pierce, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES X	CONSTRUCTION <i>(if applicable)</i> 2021/ONGOING

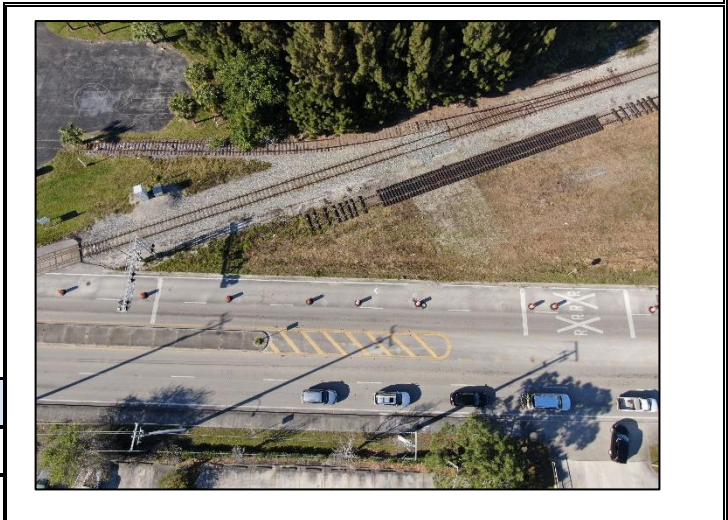
23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER St. Lucie County	B. POINT OF CONTACT NAME Mike Harvey, EI – Project Manager	C. POINT OF CONTACT TELEPHONE NUMBER 772-370-5821
---	--	---

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

C&T provided Construction Engineering and Inspection (CEI) services to St. Lucie County associated with the design-build construction of Edwards Road – US1 to Oleander Avenue, currently a four lane, with continuous center turn lane and railroad crossing. Services provided include design build assistance (rfp review, plan review, traffic control plan review, utility coordination review) Construction Administration services (pre-construction & progress meetings, RFI coordination, weekly updates) and Construction Observation services including daily reports, field coordination, quantity tracking, logs & photographs throughout the project and upon completion.

Construction cost is \$7.8 million.
Consultant cost was \$650,000.



Relevance to Submitted Project				
Survey	Design	Permitting	CEI	Other
			XX	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	JMT	Fort Pierce	Subconsultant CEI
c.			



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

20. EXAMPLE PROJECT KEY NUMBER
04

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

21. TITLE AND LOCATION <i>(City and State)</i> Indrio Road & North Kings Highway Intersection CEI St. Lucie County, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES X	CONSTRUCTION <i>(if applicable)</i> 2017/19

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER St. Lucie County	B. POINT OF CONTACT NAME Mike Halter, PE Project Manager	C. POINT OF CONTACT TELEPHONE NUMBER 772-462-1400
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

C&T provided Construction Engineering and Inspection (CEI) services to St. Lucie County associated with the widening of the intersection of North Kings Highway and Indrio Road. The project is funded through a Joint Participation Agreement (JPA) with the Florida Department of Transportation (FDOT). The Department will cover roughly 50 Percent of the costs associated with the project.

Project activities include the widening of 5,000'+/- of North King's Highway and 4,000'+/- of Indrio Road, from 2 travel lanes to 4 travel lanes. Roadway widening includes the construction of dedicated left and right turn lanes. In addition to the added travel lanes, project work includes a 12' shared use path and a 6' sidewalk throughout. Drainage improvements to the project include new stormwater ponds; relocation of a 1,900'+/- of FPFWCD Canal #4 and the box culverting (9'x 6' box culvert) of 1,300'+/- of this canal.

MOT through the project corridors was a major component of the project management process. Periodic nighttime closures C&T maintained an *on-site CEI field office* for the duration of the project. Project cost was \$18 million.



Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

CT File No.: 16-070

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	Creative Engineering Associates	Miami FL	CEI
c.	Ardaman & Associates	Port St. Lucie	Geotech



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER 05
<i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		
21. TITLE AND LOCATION <i>(City and State)</i>		22. YEARS COMPLETED
West Midway Road CEI St. Lucie County, Florida		PROFESSIONAL SERVICES
		CONSTRUCTION <i>(if applicable)</i>
		X
		2016/18

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT NAME	C. POINT OF CONTACT TELEPHONE NUMBER
St. Lucie County	Mike Powley, PE County Engineer	772-462-1400

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

C&T provided Construction Engineering and Inspection (CEI) services to SLC for the reconstruction of a 1.25 mile segment of West Midway Road (CR 712), from South 25th Street to west of Selvitz Road from a 2-lane to 4-lane roadway, with median and landscape improvements. The project included major intersection reconstruction at Selvitz Road and minor intersection works at Christensen Road and South 25th Street. Extensive utility relocations to both underground and overhead services were required.

CEI services provided for this project involved the supervision and inspection of all roadway reconstruction activities; the construction of four (4) off-site drainage ponds; the culverting of approximately 6,000 feet of NSLRWCD Canal #108 with an 8' x 9' box culvert, pedestrian improvements, signalization, and landscaping; MOT through the project corridors was a major component of the project management process. Periodic nighttime closures were required for underground utility construction installations.

C&T maintained an on-site CEI field office for the duration of the project.

Project cost was \$18 million.



Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

CT File No.: 11-302

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	Ardaman & Assoc.	Port St. Lucie, FL	Geo-Tech and Testing
c.			



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <small>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</small>	20. EXAMPLE PROJECT KEY NUMBER 06
---	---

21. TITLE AND LOCATION (City and State) E-3 Canal Stormwater Improvements Port St. Lucie, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES X	CONSTRUCTION (if applicable) 2020/21

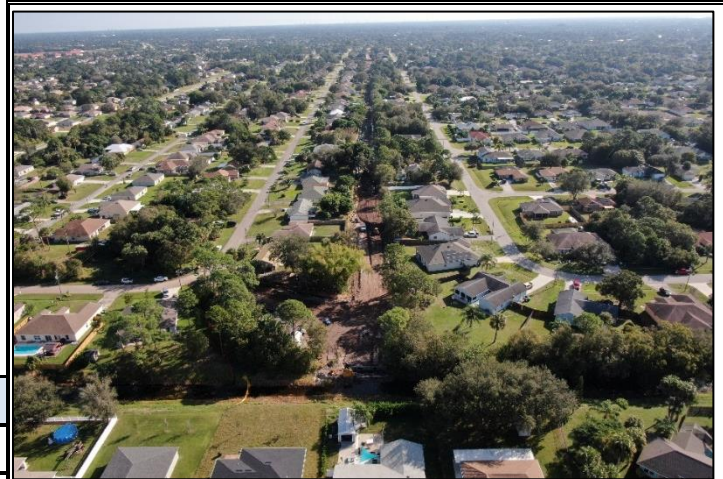
23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of Port St. Lucie	B. POINT OF CONTACT NAME Thomas Salvador, CPII, CPWP-S, Manage CIP	C. POINT OF CONTACT TELEPHONE NUMBER 772-370-5821
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope size, and cost)

C&T provided Construction Engineering and Inspection (CEI) services to the City for the restoration and culverting of the E-3 Canal in the City of Port St. Lucie. The work included maintain active canal flows while installing dual large diameter culverts, backfilling of the canal, installation of drainage structures, bank stabilization and rip rap installation, final grading and stabilization. This work took place directly behind residences and required careful coordination as well as vibration and settlement monitoring.

Project cost was \$4 million.
Consultant cost was \$409,000.



Relevance to Submitted Project				
Survey	Design	Permitting	CEI	Other
			XX	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	Ardaman & Assoc.	Port St. Lucie, FL	Geo-Tech and Testing
c.			



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

20. EXAMPLE PROJECT KEY NUMBER
07

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

21. TITLE AND LOCATION <i>(City and State)</i> Sagamore West and East Stormwater Treatment Areas Port St. Lucie, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES X	CONSTRUCTION <i>(if applicable)</i> 2021/22

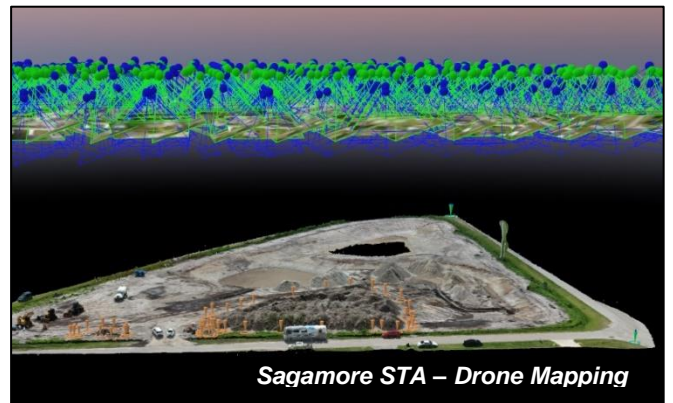
23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of Port St. Lucie	B. POINT OF CONTACT NAME Thomas Salvador, CPII, CPWP-S, Manage CIP	C. POINT OF CONTACT TELEPHONE NUMBER 772-370-5821
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

C&T provided Construction Engineering and Inspection (CEI) services to the City associated with the construction of two stormwater treatment areas within a residential neighborhood setting. The work included excavation of approximately 100,000 CY for ponds, construction of littoral shelves & planting islands, control structures, large diameter culverts, sheet pile weir, utility adjustments, roadway pipe crossings, sidewalks, planting of aquatic and upland plants. In addition to project management and inspection services. Also provided the needed documentation and reporting to satisfy the FDEP and SFWMD grants funding. C&T maintained an on-site CEI field office for the duration of the project.

Consultant cost was \$350,000.



Sagamore STA – Drone Mapping

Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	Ardaman & Assoc.	Port St. Lucie, FL	Geo-Tech and Testing
c.			



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

20. EXAMPLE PROJECT KEY NUMBER
08

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

21. TITLE AND LOCATION <i>(City and State)</i> McCarty Ranch Water Farm Area Phase 1 Port St. Lucie, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES X	CONSTRUCTION <i>(if applicable)</i> 2017/2018

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of Port St. Lucie	B. POINT OF CONTACT NAME John Eason, PE – Assistant Director	C. POINT OF CONTACT TELEPHONE NUMBER 772-873-6487
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

C&T provided Construction Engineering and Inspection (CEI) services to the City associated with the construction of a 240 acre above ground water impoundment. The work included clearing & grubbing, construction of earthen perimeter berm to contain the water, installation of emergency overflow structures and piping, installation of slide gates, installation of piping for pump system, and stabilization. Provided needed documentation and reporting for the FDEP/SFWMD grants. Utilized drone to verify contractor's earthwork quantities.

Consultant cost was \$112,000.



Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
XX			XX	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	AACE	Port St. Lucie	Geotech
c.			



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <small>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</small>	20. EXAMPLE PROJECT KEY NUMBER 09
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21. TITLE AND LOCATION <i>(City and State)</i> Riverwalk and Westmoreland Riverfront Park Port St. Lucie, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(if applicable)</i> ONGOING

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of St. Lucie	B. POINT OF CONTACT NAME Jennifer Davis	C. POINT OF CONTACT TELEPHONE NUMBER 772-344-4035
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

C&T provided design, permitting and Construction Engineering Inspection (CEI) Services for the construction of a park site with botanical gardens. The park is located in the City of Port St Lucie. Amenities the City provides to the public include an environmental education center, walking trail, amphitheater, and picnic tables. Other aspects of the project include: Connecting the boardwalk to a 13-acre conservation area just south of the park, providing nature overlooks and walking trails by adding another 500-foot-long extension south of Westmoreland Park, Constructing the infrastructure for a waterfront restaurant site, Restoring the historic Peacock House and Peacock Lodge, General improvements to Westmoreland Park, which include adding a playground, paved parking and a riverfront stage, 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.

Consultant cost was \$15.9.



Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
	XX	XX	XX	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Culpepper & Terpening	(2) FIRM LOCATION <i>(City and State)</i> Ft. Pierce, FL	(3) ROLE CEI
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(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

	23
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21. TITLE AND LOCATION (CITY AND STATE) City of Stuart - Water Distribution Improvements (City Wide) Stuart, Florida		22. YEARS COMPLETED
PROFESSIONAL SERVICES	2013	CONSTRUCTION (if applicable) 2016/17

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT NAME	C. POINT OF CONTACT TELEPHONE NUMBER
City of Stuart	Marc Rogolino U&E Project Manager	772-221-4700

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

Culpepper & Terpening, Inc. (C&T) provided Design, Permitting, Construction Engineering Inspection (CEI) and general project management 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.

Project cost was \$5,625,764



Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
XX	XX	XX	XX	

CT File No.: 12-271

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	Survey, Design, Permitting & CEI
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
11

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

21. TITLE AND LOCATION <i>(City and State)</i> Becker Road West Phase 2 Port St. Lucie, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES X	CONSTRUCTION <i>(if applicable)</i> 2021/ONGOING

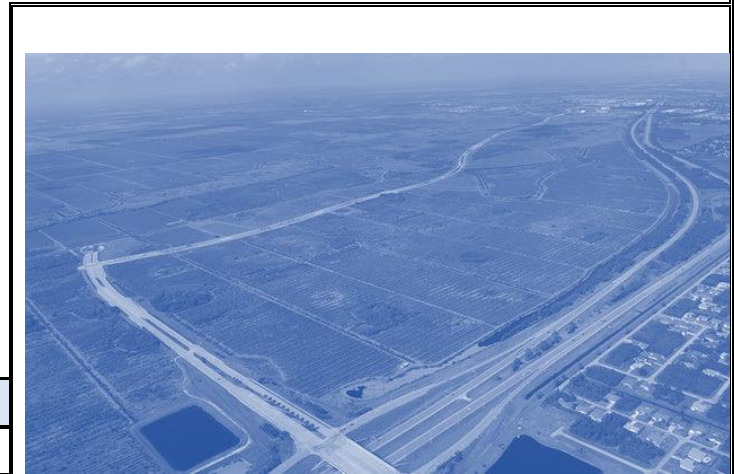
23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER Mattamy Homes	B. POINT OF CONTACT NAME Eric Sexauer	C. POINT OF CONTACT TELEPHONE NUMBER 404-135-1347
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

C&T provided design and permitting, Construction Engineering Inspection (CEI) and professional surveying services of Becker Road West – Phase 2 from the extension of Community Boulevard to the west side of the GHO development parcel located within the Southern Grove development. The project shall consist of approximately 3,200 linear feet of a 4-lane divided urban arterial roadway with an initial 2-lane construction phase. Surveying services includes boundary and topographic surveys, title reviews, utility locations, easement preparation and platting. Relevant Activities: CEI, Public Awareness, MOT, Agency Coordination and NPDS Compliance.

Construction cost was \$6 million.



Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
XX	XX	XX	XX	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.			
c.			



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
		12
21. TITLE AND LOCATION (City and State)		22. YEARS COMPLETED
Crosstown Parkway - I-95 to SE Manth Lane (Segments II & IV) Port St. Lucie, FL		PROFESSIONAL SERVICES
		CONSTRUCTION (if applicable)
		2005/06
		2007/08

23. PROJECT OWNER'S INFORMATION		
A. PROJECT OWNER	B. POINT OF CONTACT NAME	C. POINT OF CONTACT TELEPHONE NUMBER
City of Port St. Lucie	James Angstadt, PE Public Works Director	(772) 871-5174

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope size, and cost)				
<p>The Crosstown Parkway is a controlled access, arterial roadway with swale roadside drainage, that provides an uninterrupted 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) of the City, west of I-95. The Crosstown Parkway project was divided into 5 different construction segments. Culpepper & Terpening (C&T) provided complete project survey, roadway design and permitting services for Segments 2 and 4 of the Crosstown Parkway.</p> <p>Segment 2 (Manth to Bayshore) and Segment 4 (Cashmere to I-95) involved the construction of 6.2 miles of a six-lane arterial suburban roadway with; swale drainage, potable water transmission and sanitary sewer extensions, landscaping, decorative lighting and multi-use pathways the length of the project corridor. Perimeter berming with landscaping, up to 8-ft in height, was provided wherever possible in lieu of sound wall barriers to minimize roadway noise impacts and to provide for a more visually appealing barrier screen into the surrounding residential areas. As part of this project C&T worked closely with the City of Port St. Lucie in neighborhood coordination and community outreach programs in order to keep the residents of the City aware of the progress and impacts of the Crosstown Lucie. CEI services included supervision of the demolition of existing structures in the project right-of-way and the removal of all old roadways, including subgrades; supervision of new roadway construction, lake & ditch construction, drainage improvements, sidewalks, signalization (6 intersections), street lighting, irrigation and landscaping. The project was completed on budget and ahead of schedule.</p>				
Project Construction Cost				
\$ 37,912,840				
Relevance to Submitted Project				
Survey	Design	Permit	CEI	Other
	\$1,819,178		\$3,013,555	



Crosstown Parkway - East of I-95

CT File No.: 05-448

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT CROSTOWN PARKWAY - LOOKING EAST FROM I-95			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	Survey, Design, Permitting and CEI
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
b.	Lucido & Associates	Stuart, FL	Landscape & Irrigation
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	Wojcieszak & Associates	Stuart, FL	Street Lighting



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

20. EXAMPLE PROJECT KEY NUMBER
13

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

21. TITLE AND LOCATION <i>(City and State)</i> The Saints At Port St. Lucie Golf Course CEI Port St. Lucie, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES X	CONSTRUCTION <i>(if applicable)</i> 2022/ONGOING

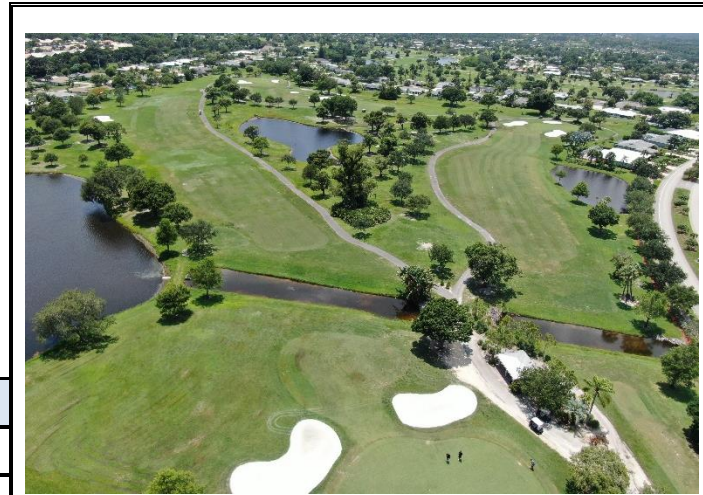
23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of Port St. Lucie	B. POINT OF CONTACT NAME Mike Kendrick – Deputy Director Parks	C. POINT OF CONTACT TELEPHONE NUMBER 772-370-3901
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

C&T provided design and permitting, Construction Engineering Inspection (CEI) Services in support of the expansion of existing retention lakes to help reduce runoff during storm events, filtering out pollutants. The project scope includes excavation to expand three (3) existing stormwater retention lakes, one (1) new stormwater retention pond, the addition of littoral zone plantings at 30% coverage added to the new and expanded retention ponds, associated stormwater conveyance improvements required to direct the runoff to the lake retention system, and addition six (6) new outfall control structures. The expansion of retention lakes at Saints Golf Course will produce water quality, habitat, and community resilience benefits. Relevant Activities: CEI, Public Awareness, Agency Coordination and NPDS Compliance.

Construction Cost was \$5.7 million.



Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
	XX	XX	XX	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.			
c.			



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

20. EXAMPLE PROJECT KEY NUMBER
14

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

21. TITLE AND LOCATION <i>(City and State)</i> Oleander Avenue Sidewalk Improvements CEI Fort Pierce, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES X	CONSTRUCTION <i>(if applicable)</i> 2021/ONGOING

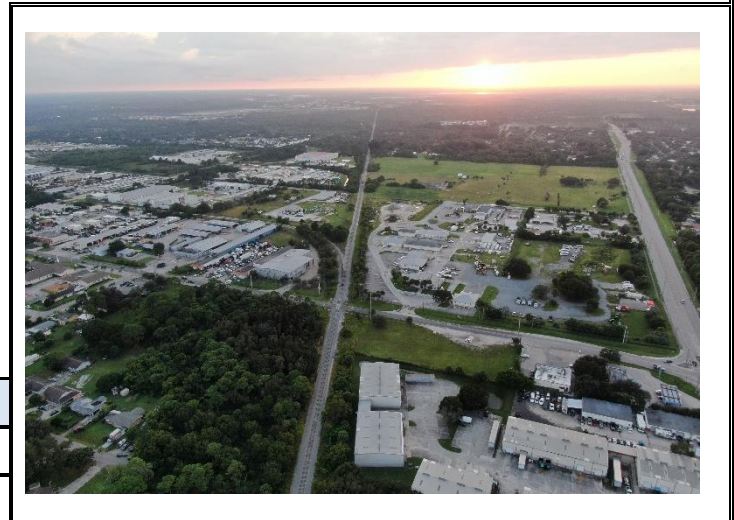
23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER St. Lucie County	B. POINT OF CONTACT NAME Edmund S. Bas, PE – Assistant County Engineer	C. POINT OF CONTACT TELEPHONE NUMBER 772-462-2184
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

C&T provided design and permitting, Construction Engineering Inspection (CEI) Services in support of the installation of a six-foot wide concrete sidewalk along the east side of Oleander Avenue from Midway Road to Market Avenue. The project is approximately 1.3 miles in length. St. Lucie County is working to construct a linkage of sidewalks to provide the community with a safe and appropriate mode of transportation. The proposed project is an integral part of the County's sidewalk program. This proposed project would help the students and residents reach White City Elementary School, bus stops, shopping center and the Weldon B. Lewis Park in a safer manner. Scope of work included Contract Administration including correspondence, meetings, monthly reports, pay request review, RFI and submittal coordination, labor interviews, bulletin board inspections, Commercial Useful Function Reports, as-built review, obtaining and provide confirming LAP documentation for closeout.

Construction Cost was \$1.2 million.



Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.			
c.			



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

20. EXAMPLE PROJECT KEY NUMBER
15

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

21. TITLE AND LOCATION <i>(City and State)</i> SR No. 5 (US-1) - Landscape Improvements CEI Port St. Lucie, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES X	CONSTRUCTION <i>(if applicable)</i> 2021/ONGOING

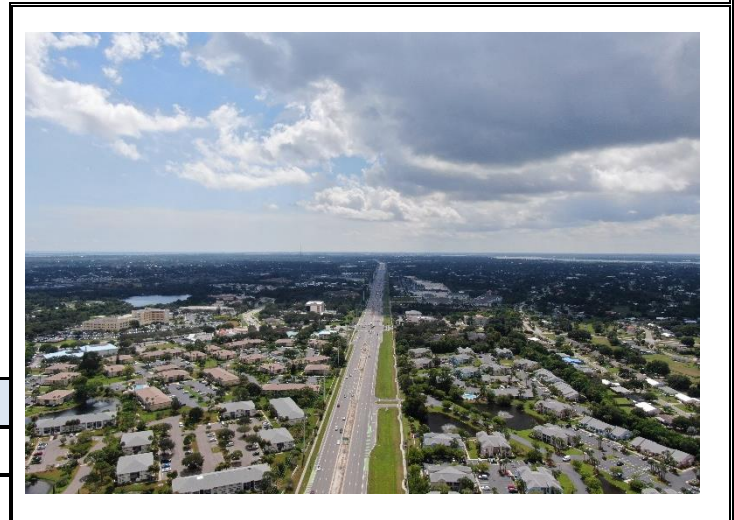
23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of St. Lucie	B. POINT OF CONTACT NAME John Dunton – Project Manager	C. POINT OF CONTACT TELEPHONE NUMBER 772-344-4035
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

C&T provided Construction Engineering Inspection (CEI) Services to provide professional services and complete oversight for the removal of existing plants and temporary displacement of existing signage, selective removal of existing soil and the installation of new plantings, stamped concrete and a fully functional irrigation system. Work will be completed as a phased project due to funding constraints with the first phase beginning just north of Hoffman Road south up to Tiffany Avenue. The second phase will be from Tiffany Avenue south to the Martin County Line. A strong emphasis is to be placed on (MOT) Maintenance of Traffic for this state-owned highway. Cylinder testing of the stamped concrete mixed in included in this service.

Project cost is \$3.2 million.
Consultant cost is \$290,000.



Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	AACE	Fort Pierce, FL	Geo-Tech and Testing
c.			



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 16
21. TITLE AND LOCATION (CITY AND STATE)		22. YEARS COMPLETED
LTC Ranch - Wylder Parkway Phase 1 CEI Port St. Lucie, Florida	PROFESSIONAL SERVICES X	CONSTRUCTION (if applicable) 2017/2018

23. PROJECT OWNER'S INFORMATION

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

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

C&T provided Construction Engineering and Inspection (CEI) services for this developer driven project encompasses the extension of a new arterial roadway from Glade Cut-Off Road to Midway Road. The project, when complete will provide a new four-lane divided arterial link for both St. Lucie County and the City of port St. Lucie. The design includes a multi-lane divided roadway that will be constructed in phases, pedestrian and multiuse pathways, potable water and sanitary sewer transmission, fiber optic cables, landscaping, irrigation and street lighting. The project's first phase is currently under construction and will be completed by the end of 2022.

Construction cost was \$6.7 million.



Relevance to Submitted Project				
Survey	Design	Permitting	CEI	Other
XX			XX	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
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

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

KEY NUMBER

17

21. TITLE AND LOCATION (City and State)

**St. Lucie County – Paradise Park Drainage Improvements
St. Lucie County, Florida**

22. YEARS COMPLETED

PROFESSIONAL SERVICES
2019

CONSTRUCTION (if applicable)
2019

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER

St. Lucie County

B. POINT OF CONTACT NAME

**Patrick Dayan, PE
Project Manager**

C. POINT OF CONTACT TELEPHONE NUMBER

772-462-1707

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

Culpepper & Terpening, Inc. (C&T) provided construction engineering inspection (CEI) services associated with drainage and neighborhood improvements in the Paradise Park area of St. Lucie County. The work included installation of about 3,000 LF of PPE drainage pipe and associated structures, swale construction, excavation of six retention areas, and roadway improvements. Challenges included working in a tightly clustered neighborhood area with many right-of-way encroachments that needed to be addressed during construction.



Project Cost

\$1,700,000

Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	Ardaman & Associates	Pert. St. Lucie, FL	Geotech & Testing
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
		18
21. TITLE AND LOCATION <i>(City and State)</i>		22. YEARS COMPLETED
St. Lucie County – Verada Ditch Drainage Improvements St. Lucie County, Florida		PROFESSIONAL SERVICES 2018-2019
		CONSTRUCTION <i>(if applicable)</i> 2018-2019

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT NAME	C. POINT OF CONTACT TELEPHONE NUMBER
St. Lucie County	Mike Harvey Project Manager	772-462-1707

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

Culpepper & Terpening, Inc. (C&T) provided construction engineering inspection (CEI) services associated with stabilization of the Verada Ditch between Calmoso Drive and Lucero Drive in St. Lucie County. The work included the stabilization of both banks of Verada Ditch Calmoso Segment, installation or replacement of approximately 110 Platipus anchors, slope stabilization, rip-rap, installation of gabion baskets and reno mattresses. This work was completed within an existing, active canal immediately behind homes.



Project Cost

\$957,000

Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
b.	Ardaman & Associates	Port. St. Lucie, FL	Geotech & Testing
	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.			



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER 19
<small>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</small>		
21. TITLE AND LOCATION <i>(City and State)</i>		22. YEARS COMPLETED
SR 76 and I-95 Interchange Improvements / CEI Martin County, Florida		PROFESSIONAL SERVICES
		CONSTRUCTION <i>(if applicable)</i>
		X
		2016/17

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT NAME	C. POINT OF CONTACT TELEPHONE NUMBER
Florida Dept. of Transportation (FDOT) Via Martin County	Bobby Byrd, Project Manager, Martin Co.	772-221-2300

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

Culpepper and Terpening provided CEI services for the reconstruction of the interchange of I-95 and SR 76, in Stuart, Florida. This project included the addition of thru lanes approaching the interchange, ramp modifications and signalization improvements. Total project cost was \$4.5 million.

Relevant Activities: CEI, RCS, Public Awareness, MOT, Agency Coordination and NPDS Compliance.



Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

CT File No.: 15-040

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	AACE	Port St. Lucie	Geo-Tech and Testing
c.			



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <small>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</small>		20. EXAMPLE PROJECT KEY NUMBER 20
21. TITLE AND LOCATION <i>(City and State)</i> North 2nd Street Ft. Pierce, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i> 2017

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of Ft. Pierce	B. POINT OF CONTACT NAME Jack Andrews, PE City Engineer	C. POINT OF CONTACT TELEPHONE NUMBER 772-467-3773
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

C&T provided Construction Engineering and Inspection (CEI) services to the City of Ft. Pierce for the reconstruction of North 2nd Street and Fisherman's Wharf (Avenue H), from SR A-1-A to Taylor Creek.

CEI services included the supervision and inspection of the complete reconstruction of the area's existing 2 lane roadway network; construction of new sidewalks along the project corridor; new stormwater detention ponds; relocation of existing utilities; street lighting and landscape improvements.

C&T met challenges by maintaining community access along the project corridor during the entire project. C&T successfully addressed the abatement of contaminated soils previously undisclosed.

Project cost was \$6.2 million.



Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

CT File No.: 14-121

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	Ardaman & Assoc.	Port St. Lucie, FL	Geo-Tech and Testing
c.			



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

20. EXAMPLE PROJECT KEY NUMBER
21

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

21. TITLE AND LOCATION (<i>City and State</i>) Savona Boulevard Sidewalk/Bridge CEI Port St. Lucie, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (<i>if applicable</i>) 2014

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of Port St. Lucie	B. POINT OF CONTACT NAME Thomas Salvador Manager PW	C. POINT OF CONTACT TELEPHONE NUMBER 772-370-5821
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*include scope size, and cost*)

The Savona Boulevard Sidewalk and Bridge Project involved the construction of 2,500 linear feet of 6-foot wide concrete sidewalk along the west side of SW Savona Blvd from SW Bougainvillea Ave north to the north side of the C-24 Canal. The project included the installation of a 200 ft long clear span 8-foot wide prefabricated pedestrian bridge over the C-24 Canal that provides for the connection of this new sidewalk into the existing sidewalk north of the canal without having to make modification to the existing Savona Blvd. Bridge over the C-24 Canal.

Services provided specific to this project included monitoring and inspection of all project clearing and grubbing, earthwork, drainage modifications, swale relocation, utility relocations, pile driving, placing of structural concrete in bridge abutment and deck slab areas, bridge installation, general sidewalk construction, driveway culvert replacement, replacement of residential driveways, final swale grading and swale liner installation.

This was a FDOT "critical" LAP project. The project required the highest level of documentation for FDOT acceptance, including use of the laboratory information management system (LIMS).

Relevant Activities: CEI, RCS, Public Awareness, MOT, Agency Coordination and NPDS Compliance. Project included extensive Rip-Rap installation along canal banks.



Project Cost (Gross)

\$ 1,350,00

Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

CT File No.: 13-079

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	Ardaman & Assoc.	Port St. Lucie, FL	Geo-Tech and Testing
c.			



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

20. EXAMPLE PROJECT KEY NUMBER
22

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

21. TITLE AND LOCATION (City and State) Darwin Boulevard Sidewalk/Bridge CEI Port St. Lucie, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) 2015

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of Port St. Lucie	B. POINT OF CONTACT NAME Thomas Salvador Manager PW	C. POINT OF CONTACT TELEPHONE NUMBER 772-370-5821
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope size, and cost)

The Darwin Boulevard Sidewalk and Bridge Project involved the construction of approximately 2,500 LF of 6-foot wide concrete sidewalk along the east side of SW Darwin Boulevard from SW Paar Dr south to SW Becker Rd. The project included the installation of a 150+/- ft long clear span 8-foot wide prefabricated pedestrian bridge over the E-84 Canal.

Services provided specific to this project include monitoring and inspection of all project clearing and grubbing, earthwork, drainage modifications, swale relocation, utility relocations, pile driving, placing of structural concrete in bridge abutment and deck slab areas, bridge installation, general sidewalk construction, driveway culvert replacement, replacement of residential driveways, final swale grading and swale liner installation.

This was is a FDOT "critical" LAP project. As such, the project required the highest level of documentation for FDOT acceptance, including use of the laboratory information management system (LIMS).

Relevant Activities: CEI, RCS, Public Awareness, MOT, Agency Coordination and NPDS Compliance. Project included extensive Rip-Rap installation along canal banks.



Project Cost (Gross)

\$ 700,000

Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

CT File No.: 15-052

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	Ardaman & Assoc.	Port St. Lucie, FL	Geo-Tech and Testing
c.			



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

20. EXAMPLE PROJECT KEY NUMBER
23

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

21. TITLE AND LOCATION (City and State) Mariposa Avenue Sidewalk (Phase III) - CEI Services Port St. Lucie, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable) 2014

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of Port St. Lucie	B. POINT OF CONTACT NAME Thomas Salvador Manager PW	C. POINT OF CONTACT TELEPHONE NUMBER 772-370-5821
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope size, and cost)

The Mariposa Avenue Sidewalk Project is a pedestrian safety improvement project initiated by the St. Lucie County School Board, and funded by the Florida Department of Transportation (FDOT) through the 'Safe Routes to School' program addressing access to the Mariposa Elementary School Site. Construction activities were done in part during the school year requiring added coordination with the St. Lucie County School Board.

The project included construction of 2,500 LF (mol) of 5 and 6-foot wide sidewalk along the south side of SE Mariposa Ave, from west of the Holy Family Catholic Church to the Mariposa Elementary School.

Culpepper and Terpening provided CEI Services for the sidewalk, a closed drainage system with 16 structures, culvert installations and driveway replacement, swale liner replacements, roadway culvert crossings and utility relocations. This project required many field adjustments due to utility conflicts and existing grade issues within a narrow ROW.

Despite existing condition challenges, field modifications were made to allow meeting ADA requirements and slope requirements while staying on budget and on schedule. Other challenges included MOT in a narrow ROW between school and church.

Despite the existing condition challenges, field modifications were made to allow meeting ADA requirements and slope requirements while staying on budget and on schedule. Other challenges included MOT in a narrow ROW with a school and church.

Relevant Activities: CEI, RCS, Public Awareness, MOT, Agency Coordination and NPDS Compliance.



Project Cost (gross)

\$ 450,000

Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

CT File No.: 14-007

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	Ardaman & Assoc.	Port St. Lucie, FL	Geo-Tech and Testing
c.			



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

20. EXAMPLE PROJECT KEY NUMBER
24

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

21. TITLE AND LOCATION <i>(City and State)</i> SW Village Parkway (Southern Groves) SW Becker Rd to Discovery Way	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(if applicable)</i> 2010

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of Port St. Lucie	B. POINT OF CONTACT NAME Thomas Salvador Manager PW	C. POINT OF CONTACT TELEPHONE NUMBER 772-370-5821
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

As part of the City's Southeast Annexation District Transportation Improvement Program, Culpepper & Terpening (C&T) provided project designs for the construction of approximately 4 miles of 6/4-lane divided roadway. SW Village Parkway is the backbone roadway for the City's "Biotech Corridor." This phase provides for the connection of SW Becker Road to SW Tradition Parkway.

Project activities included surveying of the approach roadways, establishing horizontal & vertical control, project design surveys, right of way mapping and subsequent platting of all rights-of-way along with coordination in the issuance of Special Assessment Bonds, and all necessary project design and permitting. Construction Engineering and Inspection (CEI) services included new roadway construction, lake & ditch construction, drainage, sidewalks, signalization, street lighting, irrigation and landscaping. There were soil conditions that needed to be addressed as work proceeded, as well as de-mucking of numerous wetlands & canals, and crossing of an existing reservoir. The project was completed on budget and on schedule.



Project Cost (Gross)

\$ 30,000,000

Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	Survey/ Design/ Permitting and CEI
b.	AACE	Port St. Lucie, FL	Geo-Teach and Testing
c.			



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

20. EXAMPLE PROJECT KEY NUMBER
25

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

21. TITLE AND LOCATION (<i>City and State</i>) Community Transit - Intermodal Transit Facility (east of PSL City Hall) Port St. Lucie, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION (<i>if applicable</i>) 2012/13

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of Port St. Lucie	B. POINT OF CONTACT NAME Clyde Cuffy, PE Project Manager	C. POINT OF CONTACT TELEPHONE NUMBER 772-871-7643
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*include scope size, and cost*)

Culpepper and Terpening, Inc., (C&T) provided 'Pro-Bono' Survey, Design, Permitting and Construction Engineering and Inspection (CEI) services associated with the development of the *Community Transit/Central Port St. Lucie Intermodal Transit Facility*, located on property east the Port St. Lucie City Hall, and north of the Port St. Lucie Community Center. This facility provides for transfer opportunities between three south County transit bus routes (Routes 4, 5 and 6), with expansion opportunities for new routes as they are added.

This project included the construction of a four bay 3,000 sq. ft. open platform area, with approximately 1,200 LF of new sidewalk that will serve the site. The project development activities included the construction of a 24 space, off-street parking area for commuter or transit rider use.

As part of the site construction activities, continuous *Value Engineering* activities were performed to find ways to save the City construction costs and to provide for tying these new site improvements into the existing improvements on this property that were being maintained in place. An example of the Value Engineering process were field modifications made to the perimeter sidewalks to delete many feet of gravity walls and reduce the overall project cost to City.



Project Cost (Gross)

\$ 300,000

Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

CT File No.: 11-221

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	Survey/ Design/ Permitting and CEI assistance
b.			
c.			



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

20. EXAMPLE PROJECT KEY NUMBER
26

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

21. TITLE AND LOCATION <i>(City and State)</i> SR 70 Turn Lane Improvements (CDBG Grant Project) City of Okeechobee, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(if applicable)</i> 2013

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of Okeechobee	B. POINT OF CONTACT NAME Brain Whitehall City Manager	C. POINT OF CONTACT TELEPHONE NUMBER 863-763-3372
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

The City of Okeechobee obtained a Community Development Block Grant (CDBG) for Economic Development purposes that was used to enhance the access to the newly constructed Hampton Inn and Applebee's restaurant site located on the south side of SR 70, within the City Limits. The project improvements included the installation of a new left turn access into the joint entrance to both facilities, at a mid-block location along SR 70.

C&T provided fast track design and permitting to insure that the construction could be completed within the time requirements of the CDBG Grant funds. The work effort included survey, design, permitting, bid document preparation and construction administration for the project including management of the CDBG fund requirements. The project required the design of a new mid-block, directional turn lane, and reconstruction of the section of SR 70 between SE 10th Avenue and SE 13th Avenue, along with adjustment to both intersections' turn bays to meet current FDOT criteria. Permits for the construction were procured from both the FDOT and SFWMD.

Total project cost was approximately \$212,000.



CT File No.: 12-203

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	Ardaman & Assoc.	Port St. Lucie, FL	Geo-Tech and Testing
c.			



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER 27
<small>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</small>	

21. TITLE AND LOCATION <i>(City and State)</i> Green River Parkway SR 707 to Jensen Beach Boulevard (SR 736)	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(if applicable)</i> 2010

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER Martin County BOCC, Florida	B. POINT OF CONTACT NAME Don Donaldson, P.E. County Administrator	C. POINT OF CONTACT TELEPHONE NUMBER 772-288-5927
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

As part of the *Parallel Relief Corridor* for US Highway 1 from north Stuart to east/central Port St. Lucie, Green River Parkway is intended to be a controlled access by-pass route for this densely developed high driveway concentration area of US 1. The Green River Parkway was first identified as being part of the US 1 *Parallel Relief System* in the mid-1980's as part of the development of the West Jensen areas of unincorporated Martin County. Over the next twenty years preliminary plans were developed, but funding never fully identified for the construction of this reliever roadway corridor.

Martin County provided funding for the last 'missing link' of the Green River Parkway from SR 707 to Jensen Beach Boulevard. Culpepper & Terpening provided Construction Engineering & Inspection (CEI) services for the approximately two miles of new 2-lane (expandable to 4) roadway, including installation of approximately 5,000 LF of 10' wide multi-modal path and approximately 1,000 LF of 6' sidewalk, roadway drainage systems, property screening walls, signals and street lighting. The project included extensive MOT coordination in high traffic areas associated with intersection modifications with two busy state highways.



Project Cost (Gross)				
\$ 5,250,000				
Relevance to Submitted Project				
Survey	Design	Permitting	CEI	Other
			XX	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	Ardaman & Assoc.	Port St. Lucie, FL	Geo-Tech and Testing
c.			



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

20. EXAMPLE PROJECT KEY NUMBER
28

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

21. TITLE AND LOCATION <i>(City and State)</i> N 13th Street – Urban Street Reconstruction Orange Ave. (SR 68) to Avenue D – Ft. Pierce	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(if applicable)</i> 2010

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of Ft. Pierce	B. POINT OF CONTACT NAME Jack Andrews, P.E. City Engineer	C. POINT OF CONTACT TELEPHONE NUMBER 772-460-2200
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

As part of the American Recovery and Reinvestment Act (ARRA) of 2009, and with supplemental funding provided through a Local Agency Program (LAP) agreement, the City of Ft. Pierce proceeded with the reconstruction of N 13th Street from Orange Avenue (SR68) to just south of Avenue D in North/Central Ft. Pierce. North 13 Street is one of two primary north/south collector streets serving the north/northeastern part of the City of Ft. Pierce. The section of North of 13th Street from Orange Avenue to Avenue D was in need of substantial reconstructive repairs due to heavy existing use, age and recurrent periods of deferred maintenance. Project activities included reconstruction of the existing roadway bed and travel surfaces; reconstruction and construction of existing/new pedestrian facilities along the project corridor; rehabilitation and exterior reconstruction of the twin box culverts at Moore's Creek (tying into the overall Moore's Creek Community Enhancement and Linear Park project); street drainage and utility improvements; and, street lighting and landscape/ hardscape improvements the length of the project corridor.

Challenges to the successful and timely completion of this project were a need to maintain community access along the project corridor and to keep all project works within the existing right-of-way (width varies from 55 to 45 feet). Project funding restrictions did not permit any works to take place outside of the existing right-of-way.

Culpepper and Terpening, Inc. provided the City with comprehensive construction management and inspection services. As part of these services, C&T provided full contact administration, with special attention given to maintaining compliance with all federal reporting standards and requirements this was a federally funded project, through the FDOT.



Project CONSTRUCTION Cost (Gross)

\$ 1,000,000

Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

CT File No.: 09-181

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	Ardaman & Assoc.	Port St. Lucie, FL	Geo-Tech and Testing
c.			



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

20. EXAMPLE PROJECT KEY NUMBER
29

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

21. TITLE AND LOCATION (<i>City and State</i>) US-1/SR-76 - Intersection Improvements (CEI) Stuart, FL	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION (<i>if applicable</i>) 2012

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER Florida Dept. of Transportation (FDOT) Via Martin County	B. POINT OF CONTACT NAME Bobby Byrd, Project Manager, Martin Co.	C. POINT OF CONTACT TELEPHONE NUMBER 772-221-2300
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*include scope size, and cost*)

The US-1/SR-76 Intersection Improvement Project is a safety improvement project that was initiated by Martin County as part of the redevelopment of Colorado Avenue (SR 76) in the City of Stuart. Project funding was provided by the Florida Department of Transportation (FDOT) and the Project was administered by Martin County.

Project activities included adjusting the SB to EB left turn lanes to match the new improvements on Colorado Avenue; reconstruction of the existing traffic separator on US #1; milling & resurfacing of the existing travel lanes through the intersection; sidewalk reconstruction and signalization improvements. MOT on this project was considered to be a critical CEI issue. The intersection of US #1 and SR 76 (Colorado Ave.) is one of the highest volume intersections in Martin County. All project construction activities were done at night in order not to cause excessive disruption to the high volumes of traffic moving through this key intersection. Business coordination was critical during the project.

Other project challenges included sidewalk reconstruction. This particular item was challenging due to existing corridor conditions, including matching into the existing sidewalks.



Project Cost (Gross)

\$ 635,000

Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
			XX	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	Ardaman & Assoc.	Port St. Lucie, FL	Geo-Tech and Testing
c.			



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <small>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</small>		20. EXAMPLE PROJECT KEY NUMBER 30
21. TITLE AND LOCATION <i>(City and State)</i> Walton Road - South US #1 to Village Green Drive Port St. Lucie, Florida		22. YEARS COMPLETED PROFESSIONAL SERVICES 2010
		CONSTRUCTION <i>(if applicable)</i> 2010

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER St. Lucie County	B. POINT OF CONTACT NAME Michael Powley, PE County Engineer	C. POINT OF CONTACT TELEPHONE NUMBER 772-462-1707
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

Project provided for the reconstruction of an existing four-laning (4) roadway as part of the City Center development project. Project construction activities included roadway reconstruction, drainage improvements, utility relocation, sidewalk construction/reconstruction, street and pedestrian lighting improvements, two signals, landscaping and irrigation improvements.

MOT was critical to this project, and included extensive business, pedestrian and local access considerations. Coordination was needed with agencies including City of Port St. Lucie, SFWMD and FDOT.

Specific services provided for this project included monitoring and inspection of all project clearing and grubbing, earthwork, drainage modifications, utility relocations, MOT review, public information notices and releases, project management, payment review, change order review, meetings and agency coordination, project certification, and labor compliance monitoring.

Relevant Activities to PSL RFP 15-0006:

CEI, MOT, RCS, Public Awareness, Agency Coordination and NPDS Compliance

Project cost was approximately \$4,900,000.

Project Cost (Gross)				
\$ 4,900,000				
Relevance to Submitted Project				
Survey	Design	Permitting	CEI	Other
XX			XX	



CT File No.: 09-085

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	Survey and CEI
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(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 31
21. TITLE AND LOCATION (City and State) SR A1A @ Seaway and South Ocean Drive Ft. Pierce, Florida	22. YEARS COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (if applicable) 2011 2012	

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT NAME	C. POINT OF CONTACT TELEPHONE NUMBER
City of Ft. Pierce	Jack Andrews, PE City Engineer	772-467-3773

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

As part of the multi-phased reconstruction of SR A-1-A (Seaway Drive/ South Ocean Drive) through the City of Ft. Pierce, the City sought to create a notable transportation/design feature at the unique intersection of Seaway and South Ocean Drives as opposed to standard "T-type" intersection that was originally included in the first project designs. After assessing the City's objectives at this location, Culpepper and Terpening provided full engineering and project management services associated with the construction of a traffic roundabout at this intersection.

The intersection of Seaway and South Ocean Drives (SR A-1-A) is a right-of-way constrained intersection. In order to minimize the amount of added project costs, the roundabout designs developed at this intersection was slightly off-set from center in order to avoid having to acquire additional right-of-way from the adjoining properties. The offset allows for the use of existing public lands and minimized the potential for added costs to the City through contested and time consuming right-of-way acquisitions.

Project activities included roadway design, on-street parking improvements, drainage improvements, utility relocations and upgrades, sidewalk street enhancement and street lighting.

Additionally, this project required integration of this intersection into the access and function of the adjacent Ft. Pierce Jetty Park.

Project cost was approximately \$5 million.



CT File No.: 11-208

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.			
c.			



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT	20. EXAMPLE PROJECT KEY NUMBER 32
<small>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</small>	

21. TITLE AND LOCATION <i>(City and State)</i> Crosstown Parkway & Fairgreen Rd. - Intersection Port St. Lucie, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(if applicable)</i> 2012

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of Port St. Lucie	B. POINT OF CONTACT NAME Thomas Salvador Manager PW	C. POINT OF CONTACT TELEPHONE NUMBER 772-370-5821
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

As part of the special conditions included in the Final Development Order associated with Verano Development of Regional Impact (DRI), Culpepper & Terpening, Inc., was contracted by Kolter Homes (Bob Fromm, PM (772-349-8000)) to provide services associated for the design, permitting and construction administration for a new signalized intersection at SW Fairgreen Road and SW Crosstown Parkway. Once completed the improvements were assigned to the City.

The project design was fast tracked to meet tight timelines for the City of Port St. Lucie



CT File No.: 08-339.10

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	Survey/ Design/ Permitting and CEI
b.			
c.			



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

20. EXAMPLE PROJECT KEY NUMBER
33

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

21. TITLE AND LOCATION <i>(City and State)</i> Weatherbee Road Safety Project – Sidewalk Enhancement St. Lucie County, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(if applicable)</i> 2012

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER St. Lucie County	B. POINT OF CONTACT NAME Dan J. Zrallack, P.E. County Engineer	C. POINT OF CONTACT TELEPHONE NUMBER 772-462-1707
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

St. Lucie County, in conjunction with the St. Lucie County School Board, obtained funding through the Safe Routes to Schools (SR2S) program for a pedestrian connection to the Weatherbee Elementary School, from the surrounding walkable community. C&T provided a fast track design and permitting for the installation of over 10,600 linear feet of sidewalk, affecting four (4) different roadways, to provide school children with a safe walking facility to and from the school. The project included the construction of a fully functional pedestrian activated traffic signal that provides a controlled location where pedestrians can cross Weatherbee Rd in front of the elementary school. Full project design and permitting was completed within 4 months of NTP in order to allow the construction of the sidewalk to commence during the summer (off-school) months.

Design elements included major drainage reconstruction to the existing roadside swales in order to accommodate the new sidewalks, ADA compliance adjustments at all major intersections, the implementation of a pedestrian activated traffic signal, driveway adjustments to insure cross slope adherence, and pavement signage and markings for the entire project area. Project permits were obtained from Str. Lucie County, the South Florida Water Management District, North St. Lucie River Water Control District and the Florida Department of Transportation.



HAWK Pedestrian Signal – looking east

CT File No.: 10-001

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	Survey/ Design/ Permitting and CEI
b.			
c.			



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER 34
<small>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</small>		
21. TITLE AND LOCATION <i>(City and State)</i> NE 80th Avenue & 48nd Street Intersection Okeechobee County, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES X	CONSTRUCTION <i>(if applicable)</i> 2014

23. PROJECT OWNER'S INFORMATION

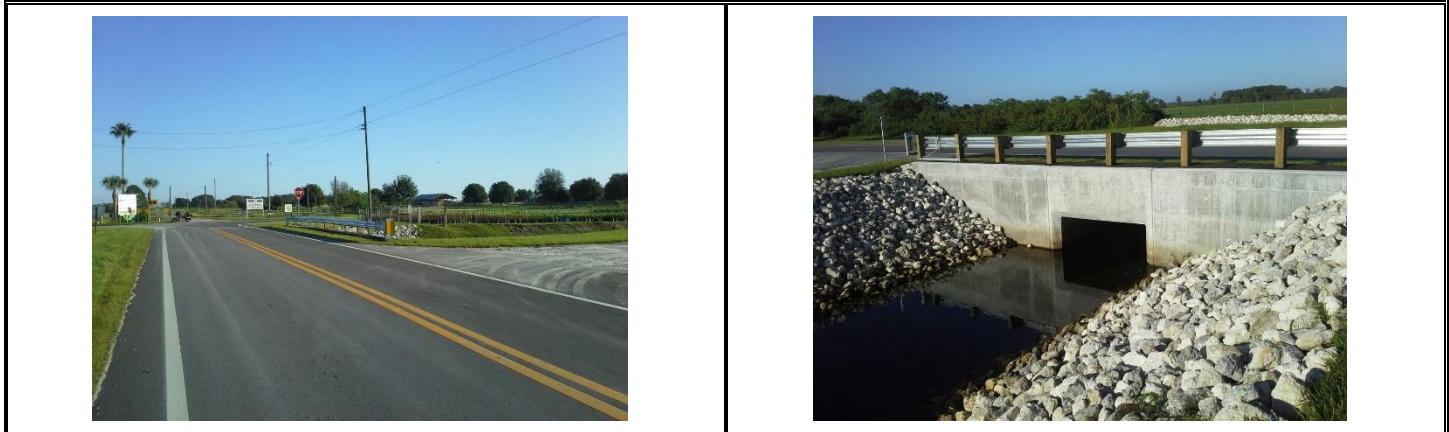
A. PROJECT OWNER Okeechobee County BOCC	B. POINT OF CONTACT NAME Jim Threewits Deputy County Administrator	C. POINT OF CONTACT TELEPHONE NUMBER 863-763-4458
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

Okeechobee County sought design, permitting and construction services for the replacement of the existing drainage culverts located at the northern termini of NE 80th Avenue. Along with the culvert replacement, intersection improvements were provided to bring a partially improvement intersection up to current day design standards. The improvements included turn lanes and associated control radii that accommodated the current agricultural uses within the area. The existing culvert under NE 80th Avenue was sized to accommodate the future growth of the 1,800-acre vacant, but developable property, serviced by the intersection. The intersection was designed to allow for future expansion for warranted traffic on a phases basis without requiring additional improvements to the new culvert.

C&T design plans for the culvert replacement included a construction sequencing plan/ maintenance of traffic (MOT) plan that allowed the roadway to remain open at all times to 2-way traffic while conducting the work within a limited right-of-way.

Services cost \$90,000.



CT File No.: 12-148

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	Survey/ Design/ Permitting and CEI
b.	Ardaman & Assoc.	Port St. Lucie, FL	Geo-Tech and Testing
c.			



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

20. EXAMPLE PROJECT KEY NUMBER
35

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

21. TITLE AND LOCATION <i>(City and State)</i> Bayshore Blvd/ Selvitz Road Roundabout City of Port St. Lucie, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES X	CONSTRUCTION <i>(if applicable)</i> 2018

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of Port St. Lucie	B. POINT OF CONTACT NAME Heath Stocton Project Manager	C. POINT OF CONTACT TELEPHONE NUMBER 772-871-5177
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope size, and cost)*

As part of the reconstruction of the intersection of Bayshore Boulevard and Selvitz Road, the City of Port St. Lucie elected to go with a Roundabout intersection design in lieu of a standard, typical, signalized intersection. C&T provided full Construction Engineering and Inspection (CEI) and project management services under the City's Contracting Services Contract for CEI services.

The Bayshore Boulevard and Selvitz Road intersection is a critical crossroads for the north/central areas of the City of Port St. Lucie. Detour options for extensive periods of time were not seen as being a viable option, thus there was an absolute essential need to keep this intersection open during all phases of construction. C&T supervised the MOT plans for this intersection, keeping at least one lane open at all times.

Project services included assuring that the new sidewalks constructed along Selvitz Road integrated without conflicts to the planned sidewalk extension along Selvitz Road north of the intersection. Project cost was approximately \$1.1 million



CT File No.: 16-130

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	CEI
b.	AACE	Port St. Lucie, FL	Geo-Tech and Testing
c.			



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

20. EXAMPLE PROJECT KEY NUMBER

36

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

21. TITLE AND LOCATION (City and State)

**City of Port St. Lucie - Water Main Replacement Project
Port St. Lucie, Florida**

22. YEARS COMPLETED

PROFESSIONAL SERVICES

2012

CONSTRUCTION (if applicable)

2013

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER

City of Port St. Lucie

B. POINT OF CONTACT NAME

**Laney Southerly, PE,
Utility Eng.**

C. POINT OF CONTACT TELEPHONE NUMBER

772-873-6400

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 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.

The 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



Project Cost

\$10,630,400

Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
XX	XX	XX	XX	

CT File No.: 11-308

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Culpepper & Terpening	Ft. Pierce, FL	Survey, Design, Permitting & CEI
b.	AACE	Port St. Lucie, FL	Geo-Tech and Testing
c.			



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

20. EXAMPLE PROJECT KEY NUMBER

37

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

21. TITLE AND LOCATION (City and State) North Stuart, Wastewater Collection System Stuart, Florida	22. YEARS COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) 2016

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER City of Stuart	B. POINT OF CONTACT NAME Dave Peters, Asst. Pub Works Dir.	C. POINT OF CONTACT TELEPHONE NUMBER 772-288-1292
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope size, and cost)

Culpepper & Terpening, Inc. (C&T), provided modeling, project design, and construction administration services associated with the installation of new wastewater collection lines for the North Stuart sewer basin for the City of Stuart. The project provided sanitary sewer service to over 600 residential connections within the northern section of the City's residential area.

Project activities included survey, design, permitting and CEI for the installation of new sanitary sewer collection pressure lines within existing residential and commercial areas. Lines ranged in size from 2" to 12" in diameter. Work included the design of a new 8,000 linear foot 12" Force Main along Old Dixie Highway that utilized directional bores within limited right-of-way. Permitting included FDEP and FDOT



Project Cost

\$660,484

Relevance to Submitted Project

Survey	Design	Permitting	CEI	Other
XX	XX	XX	XX	

CT File No.: 14-039

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Culpepper & Terpening	(2) FIRM LOCATION (City and State) Ft. Pierce, FL	(3) ROLE Survey, Design, Permitting & CEI
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE



26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS (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
J.P. Butch Terpening, PE	Principal	X	X	X	X	X	X	X	X	X	X
Marcelo Dimitriou, PE	CEI Project Manager	X	X	X	X	X	X	X	X	X	X
Jamie Campbell	Sr. Inspector	X		X	X	X		X	X		
Frans Christensen	Sr. Inspector			X	X			X		X	X
Ed Rake	Sr. Inspector				X	X	X	X	X	X	
Thomas Terpening	Sr. Inspector			X	X	X					
Dakota Preis	Inspector		X								
Greg Killian	Inspector			X							
Derrick DeLeon	Inspector			X							
Stefan Matthes, PE	Project Manager					X			X	X	X
Joshua Killian, PE	Project Manager										X
Eliot Brown, PE	Project Manager									X	
Roberto Cabrera, PE	Project Manager	X	X				X	X		X	X
Tom Kiernan, PSM	Surveyor	X	X	X			X				X

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Floresta Drive Widening Phase 1	6	E-3 Canal Stormwater Improvements
2	Floresta Drive Widening Phase 2	7	Sagamore West and East Stormwater Treatment Areas
3	Edwards Road Reconstruction	8	McCarty Ranch Water Farm Area Phase 1
4	Indrio Road & North Kings Highway Intersection	9	Riverwalk and Westmoreland Riverfront Park
5	West Midway Road	10	City of Stuart - Water Distribution Improvements



H. ADDITIONAL INFORMATION

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

No additional information is requested or provided.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

09-29-23

33. NAME AND TITLE

James P. "Butch" Terpening, Jr, PE



ARCHITECT-ENGINEER QUALIFICATIONS	SOLICITATION NUMBER (if any) e-RFP 20230088
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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 a. TYPE Corporation	
2c. CITY Fort Pierce	2d. STATE Florida	2e. ZIP CODE 34981		
6a. POINT OF CONTACT NAME AND TITLE Marcelo Dimitriou, PE			b. SMALL BUSINESS STATUS None	
6b. TELEPHONE NUMBER 772-464-3537			7. NAME OF FIRM (If block 2a. is a branch office) N/A	
6c. E-MAIL ADDRESS mdimitriou@ct-eng.com				
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 (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	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 #1D Standard Form 330 – Individual Experience

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME James P. "Butch" Terpening, PE	13. ROLE IN THIS CONTRACT Principal	14. YEARS EXPERIENCE	
		a. TOTAL 45	b. WITH CURRENT FIRM 35

15. FIRM NAME AND LOCATION (City and State) Culpepper & Terpening, Inc. (Fort Pierce, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION) University of Florida BS – Civil Engineering (1976)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida Professional Engineer Registration # 24276 Alabama Professional Engineer Registration # 39709 Louisiana Professional Engineer Registration # 48194 Georgia Professional Engineer Registration # 46393
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18. Other Professional Qualifications Florida Engineering Society, American Society of Civil Engineers, National Professional Engineers Society, American Water Works Association, FDOT LAP Training

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	Floresta Drive Phase 1 CEI (Port St. Lucie, Florida)	2020	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project involved construction management and supervision for Floresta Drive Phase 1 improvements from Southbend Blvd to the Elkcam Waterway, in Port St. Lucie. Project works included Dedicated bicycle lanes, Multiple ponds to provide roadway drainage, food protection and aesthetic value, Sidewalks, Street trees and landscaping, Pedestrian and FPL street lighting, Landscaped roundabouts utilities, landscaping and irrigation. Project activities included close coordination with St. Lucie Co. & FDOT to maintain operational flows through Port St. Lucie Boulevard intersection during construction. Specific role: Project Principal. Construction Cost: \$12 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Floresta Drive Phase 2 CEI (Port St. Lucie, Florida)	2022	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project involved construction management and supervision for Floresta Drive Phase 2, including the reconstruction of both a two-lane section with landscaped median and a two-lane section with a bi-directional turn lane, as well as replacement of the existing bridge. Both sections included sidewalks, bike lanes, curb and gutter, landscape, irrigation, water main adjustments, mast arms, signalization, fiber optics, and pedestrian lighting. Specific role: Project Principal. Construction Cost: \$29 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Wylder Parkway Phase 1 CEI	2022	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope of Work included construction of approximately 1 mile of two lane roadway. Elements of the work included roadway construction, roundabout, curb, sidewalks, edge drain, ditch construction, water main, force main, drainage and fiber optic system. Work required coordination with FPL and adjacent projects. Specific Role: Principal. Construction Cost: \$6.7 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Paar Drive CEI (Port St. Lucie, Florida)	2021	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Principal responsible for overseeing the design and permitting of Paar Drive from Village Parkway to the Easterly extension of the Southern Grove development/ I-95. The project shall consist of approximately 2,800 linear feet of a 2-lane divided urban arterial roadway. Surveying services includes boundary and topographic surveys, title reviews, utility locations, easement preparation and platting.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	E-3 Canal Restoration Project (Port St. Lucie, Florida)	2020	2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided CEI Services associated with restoration and culverting of the E-3 Canal in the City of Port St. Lucie. The work included maintain active canal flows while installing dual large diameter culverts, backfilling of the canal, installation of drainage structures, bank stabilization and rip rap installation, final grading and stabilization. This work took place directly behind residences and required careful coordination as well as vibration and settlement monitoring. Specific Role: Principal	<input checked="" type="checkbox"/> Check if project performed with current firm	



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Marcelo Dimitriou, PE	13. ROLE IN THIS CONTRACT CEI Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 14

15. FIRM NAME AND LOCATION (City and State)
Culpepper & Terpening, Inc. (Fort Pierce, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION) BS – Civil Engineering (1988)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida - Board of Professional Engineers Massachusetts - Board of Professional Engineers
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18. Other Professional Qualifications
Florida Engineering Society, (CTQP ID D536-545-65); FDOT Advanced MOT Certification; FDOT Critical Structures Training; FDOT CTQP QC Manager; FDOT CTQP Final Estimates I & II; FEMA Introduction to Debris Management; FEMA National Incident Mg System (NIMS); Parsons Brinkerhoff Project Mgt. Training; Railroad Safety Training; Site Manager Training; FDOT Claims & Changes Training; Claims & Changes Seminar (Bechtel); FEMA Intro. to Incident Command Systems

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Indrio Rd/ North Kings Hwy (SR 713) Intersection (St. Lucie County, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project involves construction management and supervision for the expansion of the intersection of Indrio Road and North Kings Highway, in St. Lucie County. Project works include expansion of existing 2ln rural roadways into 4ln divided highways and included installation of new box culverts, drainage culverts, rubble rip rap, swale construction, slope stabilization, sidewalks, signalization, utilities, landscaping and irrigation. Project activities included close coordination with St. Lucie Co. & FDOT to maintain operational flows through this key intersection during construction. Specific role: CEI Project Manager. Construction Cost: \$12 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	

b.	(1) TITLE AND LOCATION (City and State) Floresta Drive Phase 1 CEI (Port St. Lucie, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable) 2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project involved construction management and supervision for Floresta Drive Phase 1 improvements from Southbend Blvd to the Elkcam Waterway, in Port St. Lucie. Project works included Dedicated bicycle lanes, Multiple ponds to provide roadway drainage, food protection and aesthetic value, Sidewalks, Street trees and landscaping, Pedestrian and FPL street lighting, Landscaped roundabouts utilities, landscaping and irrigation. Project activities included close coordination with St. Lucie Co. & FDOT to maintain operational flows through Port St. Lucie Boulevard intersection during construction. Specific role: CEI Project Manager. Construction Cost: \$12 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	

c.	(1) TITLE AND LOCATION (City and State) Floresta Drive Phase 2 CEI (Port St. Lucie, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project involved construction management and supervision for Floresta Drive Phase 2, including the reconstruction of both a two-lane section with landscaped median and a two-lane section with a bi-directional turn lane, as well as replacement of the existing bridge. Both sections included sidewalks, bike lanes, curb and gutter, landscape, irrigation, water main adjustments, mast arms, signalization, fiber optics, and pedestrian lighting. Specific role: CEI Project Manager. Construction Cost: \$29 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	

d.	(1) TITLE AND LOCATION (City and State) Becker Road West – Phase 1 (Port St. Lucie, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable) 2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Work scope included construction of approximately 1 mile of two lane roadway. Elements of the work included roadway construction, ditch and control structure, water main, force main, drainage and fiber optic system. Work required coordination with FPL and adjacent projects. Specific role: CEI Project Manager. Construction Cost: \$2 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	

e.	(1) TITLE AND LOCATION (City and State) Becker Road West – Phase 2 (Port St. Lucie, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Work scope included construction of approximately 1.5 mile of two-lane roadway. Elements of the work included roadway construction, curb, sidewalks, edge drain, ditch construction, water main, force main, drainage and fiber optic system. Work required coordination with FPL and adjacent projects. Construction Cost: \$6 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Stefan K. Matthes, PE		13. ROLE IN THIS CONTRACT Project Manager Support		14. YEARS EXPERIENCE	
				a. TOTAL 41	b. WITH CURRENT FIRM 31
15. FIRM NAME AND LOCATION (City and State) Culpepper & Terpening, Inc. (Fort Pierce, Florida)					
16. EDUCATION (DEGREE AND SPECIALIZATION) North Carolina State University BS – Civil Engineering (1981)			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Registered Professional Engineer, Florida		
18. Other Professional Qualifications LAP Training, EEO, DBE & Payroll; FDOT Adv. Work Zone Traffic Control Certified; DPFA Certified (Design Pedestrian Facilities for Accessibility) 2015; FDOT ADA Roadway Design Course, 2103 (Roundabout Design), Institute of Transportation Engineer, Florida Engineering Society Treasure Coast Chapter, American Society of Civil Engineers					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) SW Anthony F. Sansone Blvd Phase 3 (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2022-2023	CONSTRUCTION (If Applicable) TBD	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm		
C&T provided survey, platting, design, permitting and construction bidding for the expansion of Anthony F. Sansone Sr. Blvd from Paar Drive north to Marshall Parkway. Plans included a 6,200 linear foot long rural industrial roadway section that provided all required infrastructure to the City's Legacy Park Jobs Corridor. Infrastructure included the design of a three-lane industrial roadway section with swale drainage and sidewalks, master drainage system, master utility system (potable water, sanitary sewer, lift station and force main transmission systems), landscape and irrigation plans. The project was permitted and bid ready within a 6-month timeframe to meet the City's DEO \$3.5 Million grant requirements. Specific Role: Project Manager. Construction costs: \$10,307,551.					
b.	(1) TITLE AND LOCATION (City and State) Becker Road East Phase 1 and 2 (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) 2022	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm		
C&T provided design, permitting and CEI for the construction of improvements to Becker Road from Via Tesoro Blvd to Gilson Road. Design included 3,300 linear feet of 4 lane urban roadway; three (3) major roundabouts; 15,000 linear feet of pedestrian and multiuse pathways; 6,600 linear feet of 12" force main; pedestrian lighting; landscape and irrigation. Specific Role: Project Manager. Construction costs: \$7.6 million.					
c.	(1) TITLE AND LOCATION (City and State) Riverwalk and Westmoreland Park (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2016-Current	CONSTRUCTION (If Applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm		
Lead a team of professionals which developed the City's benchmark waterfront park project along the North Fork of the St. Lucie River. The park improvements include 2,000 LF of 10' wide boardwalk that connects all of the City's waterfront facilities, over water stage, 20 slip boat docking, Kayak and canoe launch, an interactive playground, pad ready waterfront restaurant village, historical village, conservation trail system and associated parking. The design included all of the required infrastructure to meet the needs of the park which included the development of the park masterplan, parking and drainage, potable water and sanitary sewer, interconnecting sidewalk system, site lighting, street scaping, landscaping and irrigation for the entire 20-acre site. The design improvements were phased to accommodate the City's annual budget for the project. Specific Role: Project Manager. Construction costs: \$20 million.					
d.	(1) TITLE AND LOCATION (City and State) Becker Road West Phase 2 (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2022 - 2023	CONSTRUCTION (If Applicable) 2023	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm		
C&T provided survey, platting, design, permitting and construction inspection for the extension of Becker Road from its current terminus east of Village Parkway to Community Blvd. the 6,150 linear foot long urban arterial provides an integral link of the connection from I-95 to Range Line Road. The infrastructure included the design of a four-lane urban arterial roadway with initial 2 lane construction including curb and gutter drainage, sidewalks, potable water and sanitary sewer transmission, landscape, irrigation and FP&L street lighting. Project permitting included the SFWMD, Southern Grove CDD, PSLUSD and City of PSL Engineering Department. The project was bid ready within a 6-month timeframe to meet the Developer's and City's development agreements. Specific Role: Project Manager. Construction costs: \$6.1 million.					
e.	(1) TITLE AND LOCATION (City and State) Torino Parkway & Cashmere Blvd Roundabout (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable) 2022	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm		
C&T provided survey, design, permitting and construction bidding for the modifications to the Torino Parkway & Cashmere Boulevard intersection by implementing a new roundabout to replace the existing side street stop condition. The City experienced major traffic delays and citizen complaints for the current condition. C&T prepared a number of options to remedy the situation and hosted a series of public information meetings with the residents and City Council to determine the appropriate modifications to the intersection. The final design resulted in a new 2 lane roundabout to replace the existing Tee intersection. The design provided for the new roundabout to be placed within existing City R/W and included roundabout paving and drainage, sidewalks, landscaping, irrigation, residential buffers and utility adjustment. The project was bid ready within a 6-month timeframe to meet the City's Gas Tax Referendum obligations. Specific Role: Project Manager. Construction costs: \$1.4 million.					



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Eliot L. Brown, PE	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 11	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION (City and State)
Culpepper & Terpening, Inc. (Fort Pierce, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION) University of Florida BS – Civil Engineering (2011)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Registered Professional Engineer, Florida
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18. Other Professional Qualifications
LAP Training, Florida Engineering Society- Leadership Advisory Chair, Florida Engineering Leadership Institute (2020)

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	California Blvd Widening Concepts (Crosstown Parkway to SLW Blvd.) (Port St. Lucie, Florida)	2022-2023	TBD
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	C&T provided conceptual designs for the future widening of California Blvd from Crosstown Parkway to St. Lucie West Blvd. The concepts were presented to the residents at multiple public informational meetings where public input was received and conceptual designs adjusted to meet citizens comments. The design concepts provided the improvements within the existing R/W and included a divided urban and sub-urban 4-lane roadway, multi-use and shared use pathways, and a landscaped median. An access management plan was developed which provided the location of side street access median breaks, left and right turn lane bays and commercial access points. Intersection geometry was provided at Crosstown Parkway, Heathwood Blvd, and St. Lucie West Blvd. The final concepts were presented to the City Council for their approval in March 2023. Specific Role: Project Manager. Construction costs: TBD		
b.	Becker Road East Phase 1 and 2 (Port St. Lucie, Florida)	2018	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	C&T provided design, permitting and CEI for the construction of improvements to Becker Road from Via Tesoro Blvd to Gilson Road. Design included 3,300 linear feet of 4 lane urban roadway; three (3) major roundabouts; 15,000 linear feet of pedestrian and multiuse pathways; 6,600 linear feet of 12" force main; pedestrian lighting; landscape and irrigation. Specific Role: Project Manager. Construction costs: \$7.6 million.		
c.	Wylder Parkway Phase 1 and 2 (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	
	C&T provided Design, Permitting and Construction Engineering and Inspection (CEI) services for this developer driven project encompasses the extension of a new arterial roadway from Glade Cut-Off Road to Midway Road. The project, when complete will provide a new four-lane divided arterial link for both St. Lucie County and the City of port St. Lucie. The design includes a multi-lane divided roadway that will be constructed in phases, pedestrian and multiuse pathways, potable water and sanitary sewer transmission, fiber optic cables, landscaping, irrigation and street lighting. The project's second phase is currently under construction and will be completed by the end of 2023. Specific Role: Project Manager. Construction costs: \$6.7 million.		
d.	Lakehurst Drive Sidewalk (Port St. Lucie, Florida)	2022	TBD
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	C&T provided survey, design and permitting services to the City of Port St. Lucie associated with a proposed Lakehurst Drive Sidewalk Construction Project. This project is to construct approximately 8,300 linear feet of 6-foot wide concrete sidewalk on the north side of Lakehurst Drive from Bayshore Boulevard to Sandia Drive. Specific Role: Project Manager.		
e.	Torino Parkway & Cashmere Blvd Roundabout (Port St. Lucie, Florida)	2019	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	C&T provided survey, design, permitting and construction bidding for the modifications to the Torino Parkway & Cashmere Boulevard intersection by implementing a new roundabout to replace the existing side street stop condition. The City experienced major traffic delays and citizen complaints for the current condition. C&T prepared a number of options to remedy the situation and hosted a series of public information meetings with the residents and City Council to determine the appropriate modifications to the intersection. The final design resulted in a new 2 lane roundabout to replace the existing Tee intersection. The design provided for the new roundabout to be placed within existing City R/W and included roundabout paving and drainage, sidewalks, landscaping, irrigation, residential buffers and utility adjustment. The project was bid ready within a 6-month timeframe to meet the City's Gas Tax Referendum obligations. Specific Role: Project Manager. Construction costs: \$1.4 million.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Joshua Killian, PE	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 11	b. WITH CURRENT FIRM 11

15. FIRM NAME AND LOCATION (City and State)
Culpepper & Terpening, Inc. (Fort Pierce, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION) University of Pittsburg 2012 BS – Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida Professional Engineer # 85263
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TRAINING/CERTIFICATIONS: Advanced Streamline Technologies ICPR Training; SFWMD SWERP & e-permitting trained 2015; FDOT Pedestrian Facilities for Accessibility (DPFA) trained 2015; FDOT Advanced Work Zone Traffic Control Certified; McTrans Highway Capacity Workshop (standard & Roundabout design) 2015; NPDES Certified Stormwater Inspector

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	Riverwalk and Westmoreland Park (Port St. Lucie, Florida)	2016-Current	CONSTRUCTION (If Applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead a team of professionals which developed the City's benchmark waterfront park project along the North Fork of the St. Lucie River. The park improvements include 2,000 LF of 10' wide boardwalk that connects all of the City's waterfront facilities, over water stage, 20 slip boat docking, Kayak and canoe launch, an interactive playground, pad ready waterfront restaurant village, historical village, conservation trail system and associated parking. The design included all of the required infrastructure to meet the needs of the park which included the development of the park masterplan, parking and drainage, potable water and sanitary sewer, interconnecting sidewalk system, site lighting, street scaping, landscaping and irrigation for the entire 20-acre site. The design improvements were phased to accommodate the City's annual budget for the project. Specific Role: Project Manager. Construction costs: \$20 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Saints Golf Course – Drainage Improvements (Port St. Lucie, Florida)	2019-2023	CONSTRUCTION (If Applicable) 2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE C&T provided grant assistance, survey, design, permitting and construction administration for drainage improvements to the City owned Saints Golf Course. The aging golf course experienced frequent flooding during average rainfall events causing the course to shut down sometimes for days after larger rainfall events. The City, with analysis assistance from C&T, procured a \$1.3 million dollar grant to upgrade the golf course through enhanced stormwater systems that provided additional attenuation and water quality improvements. C&T prepared plans for the golf course renovation that included enlarged ponds, underground fairway and bunker drainage system and swale conveyance for the fairways to the ponds all meeting the requirements of the grant to provide enhance phosphorous and nitrogen removal from the golf course and surrounding residential properties. Specific Role: Project Manager.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Tulip Boulevard Sidewalk (LAP Project) (Port St. Lucie, Florida)	2016	CONSTRUCTION (If Applicable) 2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 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. Estimated construction costs: \$1.4 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Drainage Structures SWW-1 Repairs (Port St. Lucie, Florida)	2016	CONSTRUCTION (If Applicable) 2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE C&T provided survey, design and permitting and CEI services to the City of Port St. Lucie associated with the rehabilitation/modification of the SWW-1 Water Control Structure Construction Project. Design elements for this project included Clearing Plans, Site Improvement Plans, Conduit Plans, Flood Gate design, Gate Actuator design, Angle Pump details camera & pole design, fiber optic details, site electrical plan and electrical specifications. Estimated construction costs: \$470,000. Specific Role: Project Manager.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	E-3C & E-4 Equalization Pipe Design (Port St. Lucie, Florida)	2017	CONSTRUCTION (If Applicable) 2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE C&T provided survey, design, and permitting services associated with the installation of 1,235 lineal feet of a 36" Equalization Pipe (of optional material) between the E-3C Canal and the E-4 canal along SW California Boulevard. Elements of the design included driveway repairs, saw cut and restoration of California Blvd., regrading of the roadside swale, and the installation of ditch bottom inlets. Estimated construction costs: \$350,000.	<input checked="" type="checkbox"/> Check if project performed with current firm	



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jamie T. Campbell	13. ROLE IN THIS CONTRACT Sr. Inspector	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 18

15. FIRM NAME AND LOCATION (City and State)
Culpepper & Terpening, Inc. (Fort Pierce, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION) Embry-Riddle Aeronautical University BS – Civil Engineering (1998)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FAA Remote Pilot License # 4523330
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18. Other Professional Qualifications
CTQP Asphalt Paving Level 1 & 2; CTQP Earthwork Construction Inspection Level 1 & 2; ACI Concrete Field Testing Technician Level 1; FDOT Concrete Field Inspector; CTQP Final Estimates Level 1; Troxler Nuclear Density Certification; Hazmat; NPDES Stormwater; Intermediate MOT; Critical Construction Issues; MSE Wall Inspection; FDOT Structures Inspection Level 1 & 2; FDOT Plan Reading; OSHA 30 Hour Safety Training

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	Indrio Rd/ North Kings Hwy (SR 713) Intersection CEI (St. Lucie County, Florida)	2017	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project involves construction management and supervision for the expansion of the intersection of Indrio Road and North Kings Highway, in St. Lucie County. Project works include expansion of existing 2In rural roadways into 4In divided highways and included installation of new box culverts, drainage culverts, rubble rip rap, swale construction, slope stabilization, sidewalks, signalization, utilities, landscaping and irrigation. Project activities included close coordination with St. Lucie Co. & FDOT to maintain operational flows through this key intersection during construction. Specific role: Sr. Inspector. Construction Cost: \$18 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Floresta Drive Phase 1 CEI (Port St. Lucie, Florida)	2020	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project involved construction management and supervision for Floresta Drive Phase improvements from Southbend Blvd to the Elkcam Waterway, in Port St. Lucie. Project works included Dedicated bicycle lanes, Multiple ponds to provide roadway drainage, food protection and aesthetic value, Sidewalks, Street trees and landscaping, Pedestrian and FPL street lighting, Landscaped roundabouts utilities, landscaping and irrigation. Project activities included close coordination with St. Lucie Co. & FDOT to maintain operational flows through Port St. Lucie Boulevard intersection during construction. Specific role: Sr. Inspector. Construction Cost: \$12 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Paradise Park Drainage Improvements CEI (Port St. Lucie, Florida)	2019	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided CEI Services associated with drainage improvements and roadway restoration in a neighborhood setting. The work included expansion of retention areas, swale construction, drainage structure and culvert installation, utility adjustments, driveway reconstruction sidewalk construction and roadway reclamation. This work within an active residential neighborhood required extensive coordination with residents and detailed MOT considerations. Worked with the County and contractor to implement field adjustments dictated by existing conditions.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	SR No. 5 (US-1) - Landscape Improvements CEI (Port St. Lucie, Florida)	2023	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Work scope includes replacement of median soils, installation of mainline irrigation via directional bores and direct bury methods, installation of wells, irrigation, stamped concrete and plantings. Challenges include MOT on high traffic volume roadway with many driveways. Specific Role: Sr. Inspector. Construction Cost: \$3.2 million	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Sagamore West & East Stormwater Treatment Areas (STAs) (Port St. Lucie, Florida)	2021	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided CEI Services associated with the construction of two stormwater treatment areas within a residential neighborhood setting. The work included excavation of approximately 100,000 CY for ponds, construction of littoral shelves & planting islands, control structures, large diameter culverts, sheet pile weir, utility adjustments, roadway pipe crossings, sidewalks, planting of aquatic and upland plants. In addition to project management and inspection services. Also provided the needed documentation and reporting to satisfy the FDEP and SFWMD grants funding.	<input checked="" type="checkbox"/> Check if project performed with current firm	



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Frans Christensen	13. ROLE IN THIS CONTRACT Sr. Inspector	14. YEARS EXPERIENCE	
		a. TOTAL 41	b. WITH CURRENT FIRM 12

15. FIRM NAME AND LOCATION (City and State)
Culpepper & Terpening, Inc. (Fort Pierce, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION) High School Graduate	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) N/A
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18. Other Professional Qualifications
CTQP Asphalt Paving Level 1 & 2; CTQP Earthwork Construction Inspection Level 1 & 2; ACI Concrete Field Testing Technician Level 1; ACI Concrete Transportation Inspector Level 2; FDOT Concrete Field Inspector; CTQP Final Estimates Level 1; IMSA Traffic Signal Inspector Level I; Troxler Nuclear Density Certification; Hazmat; NPDES Stormwater; Intermediate MOT; Critical Construction Issues; MSE Wall Inspection; FDOT Structures Inspection Level 1 & 2; FDOT Plan Reading; OSHA 30 Hour Safety Training;

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	North 2 nd Street (Fort Pierce, Florida)	2015	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided on-site inspection services associated with improvements to North 2nd Street, which involves the total reconstruction of North 2nd Street, including relocation and upgrading of existing utilities and construction of new stormwater management system. The utilities that will be relocated and upgraded include water mains, sani-tary sewer system, sanitary sewer lift stations, natural gas mains, and electrical systems. The road construction will include pavement, curb & gutter, sidewalks, stormwater collection system, detention ponds, landscaping and street lights. Specific role: Sr. Inspector	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Becker Road West – Phase 1 (Port St. Lucie, Florida)	2021	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Work scope included construction of approximately 1 mile of two lane roadway. Elements of the work included roadway construction, ditch and control structure, water main, force main, drainage and fiber optic system. Work required coordination with FPL and adjacent projects. Specific role: Sr. Inspector. Construction Cost: \$2 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Becker Road West – Phase 2 (Port St. Lucie, Florida)	2022	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Work scope included construction of approximately 1.5 mile of two-lane roadway. Elements of the work included roadway construction, curb, sidewalks, edge drain, ditch construction, water main, force main, drainage and fiber optic system. Work required coordination with FPL and adjacent projects. Construction Cost: \$6 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	E-3 Canal Restoration Project (Port St. Lucie, Florida)	2020	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided CEI Services associated with restoration and culverting of the E-3 Canal in the City of Port St. Lucie. The work included maintain active canal flows while installing dual large diameter culverts, backfilling of the canal, installation of drainage structures, bank stabilization and rip rap installation, final grading and stabilization. This work took place directly behind residences and required careful coordination as well as vibration and settlement monitoring.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Paar Drive CEI (Port St. Lucie, Florida)	2021	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Work scope included construction of Paar Drive from Village Parkway to the Easterly extension of the Southern Grove development/ I-95. The project shall consist of approximately 2,800 linear feet of a 2-lane divided urban arterial roadway. Elements of the work included roadway construction, curb, sidewalks, edge drain, ditch construction, water main, force main, drainage and fiber optic system. Work required coordination with FPL and adjacent projects. Construction Cost: \$6 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Ed Rake	13. ROLE IN THIS CONTRACT Sr. Inspector	14. YEARS EXPERIENCE	
		a. TOTAL 44	b. WITH CURRENT FIRM 33

15. FIRM NAME AND LOCATION (City and State)
Culpepper & Terpening, Inc. (Fort Pierce, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION) High School Graduate, Indian River Community College, Geomatics Coursework (non-degree seeking)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Introduction to Debris Management (IS-00632.A) National Incident Management Sys (NIMS) (IS-007000.A) Introduction to Incident Command System (IS-001000.B)
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18. Other Professional Qualifications
Intermediate MOT, Level I Certified Survey Technician, FEMA Debris, Incident and Command Training, CTQP Asphalt and Concrete

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	Sagamore West & East Stormwater Treatment Areas (STAs) (Port St. Lucie, Florida)	2021	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided CEI Services associated with the construction of two stormwater treatment areas within a residential neighborhood setting. The work included excavation of approximately 100,000 CY for ponds, construction of littoral shelves & planting islands, control structures, large diameter culverts, sheet pile weir, utility adjustments, roadway pipe crossings, sidewalks, planting of aquatic and upland plants. In addition to project management and inspection services. Also provided the needed documentation and reporting to satisfy the FDEP and SFWMD grants funding.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Becker Road West – Phase 1 (Port St. Lucie, Florida)	2021	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Work scope included construction of approximately 1 mile of two lane roadway. Elements of the work included roadway construction, ditch and control structure, water main, force main, drainage and fiber optic system. Work required coordination with FPL and adjacent projects. Specific role: Sr. Inspector. Construction Cost: \$2 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Becker Road West – Phase 2 (Port St. Lucie, Florida)	2022	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Work scope included construction of approximately 1.5 mile of two-lane roadway. Elements of the work included roadway construction, curb, sidewalks, edge drain, ditch construction, water main, force main, drainage and fiber optic system. Work required coordination with FPL and adjacent projects. Specific role: Sr. Inspector. Construction Cost: \$6 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	McCarty Ranch Water Farm Area 1 (Port St. Lucie, Florida)	2017	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided CEI Services associated with the construction of a 240 acre above ground water impoundment. The work included clearing & grubbing, construction of earthen perimeter berm to contain the water, installation of emergency overflow structures and piping, installation of slide gates, installation of piping for pump system, and stabilization. Provided needed documentation and reporting for the FDEP/SFWMD grants. Utilized drone to verify contractor's earthwork quantities.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	FPL Solar Energy Center (County-wide)	2018	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Various Solar Energy Centers and electrical Substation projects throughout St. Lucie County. Services provided include civil due diligence inspections and reports, EPC drawing preparation, permitting, and construction inspection services. Coordination is required with various permit agencies including FDOT, St. Lucie County, FDEP, SFWMD and others. Responded to Requests for Additional information and assisted with field revisions. Provided certification and turnover services to local agencies. In St Lucie County alone we have provided these services for over 15,000 acres of land in the last five (5) years. Some of the St. Lucie County solar sites include, Sunbreak Farms, Loggerhead Solar, Sundew Solar, Pineapple Solar, Orchard Solar, Bluefield Solar, Clover Solar, Indrio Solar, Waveland Solar, Interstate Solar, Pink Trail Solar, and other Solar Energy Centers. Specific Role: Sr. Inspector.	<input checked="" type="checkbox"/> Check if project performed with current firm	



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Thomas B. Terpening III		13. ROLE IN THIS CONTRACT Sr. Inspector		14. YEARS EXPERIENCE	
				a. TOTAL 41	b. WITH CURRENT FIRM 15
15. FIRM NAME AND LOCATION (City and State) Culpepper & Terpening, Inc. (Fort Pierce, Florida)					
16. EDUCATION (DEGREE AND SPECIALIZATION) High School Graduate			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FAA Remote Pilot License # 4788067		
18. Other Professional Qualifications Troxler Nuclear Gage, CTQP Asphalt Paving Level I & II, MOT Intermediate, MOT Advanced, FEMA Debris Operations Introduction and Jessica Lundsford Act, FDOT - Project Engineers School; ATSSA - Worksite Traffic Supervisor; Zurich - OSHA / Construction Safety; NSC - Trenching & Shoring, CEI Project Management Training Experience Signals 1; Thermoplastic Application & Inspection; Multi-Line Earthwork – Basic					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) Bayshore Blvd./Selvitz Road Roundabout (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project inspector for CEI services associated with the reconstruction of the intersection of Bayshore Boulevard and Selvitz Road from a stop-controlled intersection into a new roundabout, free flow intersection. Specific role: Sr. Inspector. Construction Cost: \$29 million.		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) Tradition and Southern Grove Community Development Districts (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Inspector on behalf of Tradition CDD's 1 through 11 and Southern Grove CDD's 1 through 10. Responsibilities include providing construction oversight on behalf of the various Districts for under-construction permit applications including Right-of-Way, Stormwater, Irrigation and Site Plans permits. Tasks include daily reports, utility locates, site review of construction activities impacting District infrastructure, pre-construction walkthroughs and post-construction final walkthroughs inspections. Specific role: Sr. Inspector. Construction Cost: Varies		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) West Midway Road CEI (St. Lucie County, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided on-site inspection services associated with the construction of approximately 6,000 LF of widening of Midway Road to a four-lane divided highway from approximately 1,400 lf west of Selvitz Road to 25th Street, including improvement to the intersections of Selvitz Road and Christensen Road. Work includes installation of a box culvert, drainage, sidewalks, signalization, utilities, landscaping and irrigation. Specific role: Sr. Inspector		<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) Indrio Road & North Kings Highway (SR713) Intersection CEI (St Lucie Co, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2019	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project involves construction management and supervision for the expansion of the intersection of Indrio Road and North Kings Highway, in St. Lucie County. Project works include expansion of existing 2ln rural roadways into 4ln divided highways and included installation of new box culverts, drainage (including two (2) off-site retention ponds), sidewalks, signalization, utilities, landscaping and irrigation. Project activities included close coordination with St. Lucie Co. & FDOT to maintain operational flows through this key intersection during construction. Specific role: Sr. Inspector.		<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State) Wylder Parkway Phase 1 CEI		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable) 2023	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope of Work included construction of approximately 1 mile of two lane roadway. Elements of the work included roadway construction, roundabout, curb, sidewalks, edge drain, ditch construction, water main, force main, drainage and fiber optic system. Work required coordination with FPL and adjacent projects. Specific Role: Sr. Inspector. Construction Cost: \$6.7 million.		<input checked="" type="checkbox"/> Check if project performed with current firm		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Dakota Preis		13. ROLE IN THIS CONTRACT Inspector		14. YEARS EXPERIENCE	
				a. TOTAL 6	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) Culpepper & Terpening, Inc. (Fort Pierce, Florida)					
16. EDUCATION (DEGREE AND SPECIALIZATION) Okeechobee High School Graduate 2018, Indian River State College, Construction Management Coursework (non-degree seeking)			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Introduction to Debris Management (IS-00632.A)		
18. Other Professional Qualifications Asphalt I, Asphalt II (pending) Earthwork I, FDOT Concrete, ACI Concrete, MOT Intermediate					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) Floresta Drive Phase 2 CEI (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project involved construction management and supervision for Floresta Drive Phase 2, including the reconstruction of both a two-lane section with landscaped median and a two-lane section with a bi-directional turn lane, as well as replacement of the existing bridge. Both sections included sidewalks, bike lanes, curb and gutter, landscape, irrigation, water main adjustments, mast arms, signalization, fiber optics, and pedestrian lighting. Specific role: Inspector. Construction Cost: \$29 million.		[X] Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) FPL Solar Energy Center (County-wide)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Services provided include civil due diligence inspections and reports, EPC drawing preparation, permitting, and construction inspection services for various Solar Energy Centers in the County. Coordination is required with various permit agencies including FDOT, St. Lucie County, FDEP, SFWMD and others. Responded to Requests for Additional information and assisted with field directive design revisions. Provided certification and turnover services to local agencies. In St Lucie County alone we have provided these services for over 15,000 acres of land in the last five (5) years. Some of the St. Lucie County solar sites include, Sunbreak Farms, Loggerhead Solar, Sundew Solar, Pineapple Solar, Orchard Solar, Bluefield Solar, Clover Solar, Indrio Solar, Waveland Solar, Interstate Solar, Pink Trail Solar. Specific Role: Sr. Inspector.		[X] Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) Debris Monitoring Services for Hurricane Ian (Okeechobee County, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable) 2022	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provide debris monitoring services for Okeechobee County for Hurricane Ian as Supervising Monitor. Services provided include training debris monitors in use of electronic load tickets and automated reporting and continued monitoring of collection efforts. Others tasks that were the responsibility of this project are to collect baseline data, assist the county in obtaining necessary local and state permits for designated management sites, review contractors invoices and provided data reconciliation, and maintain a log of all ticket information.		[X] Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) Roadway Assessment and Inventory Project (Okeechobee County, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) 2019	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Perform pavement condition survey and develop a Pavement Condition Index (PCI) for each street on a block by block basis throughout County. Conduct visual inspections of the city-maintained roadway network in accordance with ASTM 06433-11, Standard Practice for Roads and Parking Lot Pavement Condition Index Surveys. Record observable distress based on the type, severity and quantity of distress. Develop a list of alternative street treatment methods and unit costs based on street PCI assign appropriate treatment and develop total cost of maintenance. Provide recommendations to the city for desired budget for proper long term maintenance of asphalt pavement. Work with city to develop criteria for establishing maintenance zones and delineate zones on city street map.		[X] Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State) Tradition and Southern Grove Community Development Districts (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Inspector on behalf of Southern Groves CDD's 1 through 11 and Southern Grove CDD's 1 through 10. Responsibilities include providing construction oversight on behalf of the Districts for various permit application including Right-of-Way, Stormwater, Irrigation and Site Plans permits. Tasks include daily reports, utility locates, site review of construction activities impacting District infrastructure, pre-construction walkthroughs and post-construction final walkthroughs inspections. Specific role: Sr. Inspector. Construction Cost: Varies		[X] Check if project performed with current firm		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Gregory M. Killian	13. ROLE IN THIS CONTRACT Inspector	14. YEARS EXPERIENCE	
		a. TOTAL 5	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION (City and State)
Culpepper & Terpening, Inc. (Fort Pierce, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION) University of Pittsburgh BS – Anthropology (2005)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FAA Remote Pilot License # 4788067
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18. Other Professional Qualifications
Asphalt Paving – Level 1, Earthwork Construction Inspection I, FDOT Concrete (pending), MOT Intermediate

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	Floresta Drive Phase 2 CEI (Port St. Lucie, Florida)	2022	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project involved construction management and supervision for Floresta Drive Phase 2, including the reconstruction of both a two-lane section with landscaped median and a two-lane section with a bi-directional turn lane, as well as replacement of the existing bridge. Both sections included sidewalks, bike lanes, curb and gutter, landscape, irrigation, water main adjustments, mast arms, signalization, fiber optics, and pedestrian lighting. Specific role: CEI Project Manager. Construction Cost: \$29 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	The Saints Golf Course Drainage Improvements (Port St. Lucie, Florida)	2021	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE CEI Services in support of the expansion of existing retention lakes to help reduce runoff during storm events, filtering out pollutants. The project scope includes excavation to expand three (3) existing stormwater retention lakes, one (1) new stormwater retention pond, the addition of littoral zone plantings at 30% coverage added to the new and expanded retention ponds, associated stormwater conveyance improvements required to direct the runoff to the lake retention system, and addition six (6) new outfall control structures. The expansion of retention lakes at Saints Golf Course will produce water quality, habitat, and community resilience benefits. Specific Role: Inspector	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Debris Monitoring Services for Hurricane Ian (Okeechobee County, Florida)	2022	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provide debris monitoring services for Okeechobee County for Hurricane Ian as Supervising Monitor. Services provided include training debris monitors in use of electronic load tickets and automated reporting and continued monitoring of collection efforts. Others tasks that were the responsibility of this project are to collect baseline data, assist the county in obtaining necessary local and state permits for designated management sites, review contractors invoices and provided data reconciliation, and maintain a log of all ticket information.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Oleander Sidewalk Improvements Project CEI (LAP Funded) (Fort Pierce, Florida)	2022	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project involved construction management and supervision for Oleander Avenue Sidewalk (from Midway Road to S. Market Avenue). Scope of work included Contract Administration including correspondence, meetings, monthly reports, pay request review, RFI and submittal coordination, labor interviews, bulletin board inspections, Commercial Useful Function Reports, as-built review, obtaining and provide confirming LAP documentation for closeout. Specific role: Inspector.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	FPL Solar Energy Center (County-wide)	2018	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Various Solar Energy Centers and electrical Substation projects throughout St. Lucie County. Services provided include civil due diligence inspections and reports, EPC drawing preparation, permitting, and construction inspection services. Coordination is required with various permit agencies including FDOT, St. Lucie County, FDEP, SFWMD and others. Responded to Requests for Additional information and assisted with field revisions. Provided certification and turnover services to local agencies. In St Lucie County alone we have provided these services for over 15,000 acres of land in the last five (5) years. Some of the St. Lucie County solar sites include, Sunbreak Farms, Loggerhead Solar, Sundew Solar, Pineapple Solar, Orchard Solar, Bluefield Solar, Clover Solar, Indrio Solar, Waveland Solar, Interstate Solar, Pink Trail Solar, and other Solar Energy Centers. Specific Role: Sr. Inspector.	<input checked="" type="checkbox"/> Check if project performed with current firm	



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Derrick A. DeLeon		13. ROLE IN THIS CONTRACT Sr. Inspector		14. YEARS EXPERIENCE	
				a. TOTAL 6	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) Culpepper & Terpening, Inc. (Fort Pierce, Florida)					
16. EDUCATION (DEGREE AND SPECIALIZATION) High School Graduate			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) N/A		
18. Other Professional Qualifications CTQP Earthwork Construction Inspection Level 1, CTQP Asphalt Paving 1, Certified Nuclear Gauge Operator, ACI Concrete Field Testing Technician					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) SR No. 5 (US-1) - Landscape Improvements CEI (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2023	CONSTRUCTION (If Applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Work scope includes replacement of median soils, installation of mainline irrigation via directional bores and direct bury methods, installation of wells, irrigation, stamped concrete and plantings. Challenges include MOT on high traffic volume roadway with many driveways. Specific Role: Sr. Inspector. Construction Cost: \$3.2 million		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) Wylder Parkway Phase 1 CEI		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable) 2023	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope of Work included construction of approximately 1 mile of two lane roadway. Elements of the work included roadway construction, roundabout, curb, sidewalks, edge drain, ditch construction, water main, force main, drainage and fiber optic system. Work required coordination with FPL and adjacent projects. Specific Role: Sr. Inspector. Construction Cost: \$6.7 million.		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) Seminole Improvement District CEI (Westlake, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable) 2023	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Work scope included construction of new community including roadways, water & sewer utilities, sidewalks, lakes. Work included coordination of public utility expansions. As the inspector for the Seminole Improvement District, Derrick's responsibilities included inspection and verification of all the construction activities within the Seminole Improvement District's right-of-way. This includes drainage installation, pond construction, water main installation, sewer main installation, irrigation water main installation, gas main installation, curb and gutter, irrigation, subgrade, base rock and asphalt installation. Specific Role: Sr. Inspector. Construction Cost: Varies.		<input type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) Turnpike Service Plaza Improvements CEI (Various Counties, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2020	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Work scope included improvements to service plazas including drainage, parking and access road modifications, and beautification. Sites worked on in this capacity included: Fort Drum Service Plaza, Turkey Lake Service Plaza, West Palm Beach Service Plaza, Pompano Beach Service Plaza, Canoe Creek Service Plaza, and Okahumpka Service Plaza. inspector responsible for daily inspections, daily work reports and MOT reports. The scope included adding additional parking stalls, radius widening, enclosed dumpster location (including concrete pad and concrete walls), water main relocation, sewer main relocation, drainage, striping, landscaping, irrigation, and fire line relocation.		<input type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State) LTC Ranch - Wylder Parkway Phase 1 CEI (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope of Work included construction of approximately 1 mile of two lane roadway. Elements of the work included roadway construction, roundabout, curb, sidewalks, edge drain, ditch construction, water main, force main, drainage and fiber optic system. Work required coordination with FPL and adjacent projects. Specific Role: Sr. Inspector. Construction Cost: \$6.7 million.		<input checked="" type="checkbox"/> Check if project performed with current firm		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Roberto Cabrera, PE	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 15
15. FIRM NAME AND LOCATION (City and State) Culpepper & Terpening, Inc. (Fort Pierce, Florida)			
16. EDUCATION (DEGREE AND SPECIALIZATION) University of Central Florida 2007 BS – Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FAA Remote Pilot License # 4359289 Florida Professional Engineer # 91515	
TRAINING/CERTIFICATIONS: FAA Remote Pilot, Certified Survey Technician, Advanced Streamline Technologies ICPR Training, LEED Green Associate v4 Training Completion, GIS Support for Hydrologic and Hydraulic Modeling and Analysis			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	Sagamore West & East Stormwater Treatment Areas (STAs) (Port St. Lucie, Florida)	2021	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided CEI Services associated with the construction of two stormwater treatment areas within a residential neighborhood setting. The work included excavation of approximately 100,000 CY for ponds, construction of littoral shelves & planting islands, control structures, large diameter culverts, sheet pile weir, utility adjustments, roadway pipe crossings, sidewalks, planting of aquatic and upland plants. In addition to project management and inspection services. Also provided the needed documentation and reporting to satisfy the FDEP and SFWMD grants funding.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	E-3 Canal Restoration Project (Port St. Lucie, Florida)	2020	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided CEI Services associated with restoration and culverting of the E-3 Canal in the City of Port St. Lucie. The work included maintain active canal flows while installing dual large diameter culverts, backfilling of the canal, installation of drainage structures, bank stabilization and rip rap installation, final grading and stabilization. This work took place directly behind residences and required careful coordination as well as vibration and settlement monitoring.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Roadway Assessment and Inventory Project (Okeechobee County, Florida)	2018	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Perform pavement condition survey and develop a Pavement Condition Index (PCI) for each street on a block by block basis throughout County. Conduct visual inspections of the city-maintained roadway network in accordance with ASTM 06433-11, Standard Practice for Roads and Parking Lot Pavement Condition Index Surveys. Record observable distress based on the type, severity and quantity of distress. Develop a list of alternative street treatment methods and unit costs based on street PCI assign appropriate treatment and develop total cost of maintenance. Provide recommendations to the city for desired budget for proper long term maintenance of asphalt pavement. Work with city to develop criteria for establishing maintenance zones and delineate zones on city street map.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Debris Monitoring Services for Hurricane Ian (Okeechobee County, Florida)	2022	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provide debris monitoring services for Okeechobee County for Hurricane Ian as Supervising Monitor. Services provided include training debris monitors in use of electronic load tickets and automated reporting and continued monitoring of collection efforts. Others tasks that were the responsibility of this project are to collect baseline data, assist the county in obtaining necessary local and state permits for designated management sites, review contractors invoices and provided data reconciliation, and maintain a log of all ticket information. Specific Role: Project Manager.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Drainage Control Structure Inspections (Port St. Lucie, Florida)	2016	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE C&T provided inspection and an engineering assessment of all city-wide drainage structures or drainage elements. In total, C&T evaluated ±180 drainage structures in a database format directly compatible with the City's GIS system. Features observed and reported during this process included: Structure Name, GPS and physical location, structure type, condition at time of inspection, engineering comments, conditions of upstream and downstream conveyance systems, repair, replacement or maintenance recommendations. Additionally, geospatial enabled photographs were provided of all inspection structures. Lastly, cost estimates were prepared for replacement costs. All structures were evaluated in priority ranking of condition to assist the City with the development of a maintenance program.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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 Survey Support		14. YEARS EXPERIENCE	
				a. TOTAL 37	b. WITH CURRENT FIRM 22
15. FIRM NAME AND LOCATION (City and State) Culpepper & Terpening, Inc. (Fort Pierce, Florida)					
16. EDUCATION (DEGREE AND SPECIALIZATION) Martin County High School Graduate Indian River State College Geomatics Coursework (non-degree seeking)			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Surveyor and Mapper State of Florida Registration # 6199		
18. Other Professional Qualifications Florida Surveying and Mapping Society, Indian River Chapter FSMS, National Society of Professional Surveyors, FDOT Certificate for GPS Control Network Analysis FDOT Maintenance of Traffic (Intermediate)					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) Crosstown Parkway – Manth Lane to US 1 (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2012	CONSTRUCTION (If Applicable) 2021	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor for Horizontal and Vertical Control, survey controls, topographic data collection and alignment services associated with the preliminary layout for the extension of Crosstown Parkway, from SE Manth to South US #1. Survey services were part of the initial planning and development for the final segment of the Crosstown Parkway and were used as part of the overall design/build contract. Services included FDOT Right-of-Way mapping and City parcel acquisition surveys (350 Parcels), Topographic Surveys, Bathometric Surveys, Final Platting.		[X] Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) Southern Grove - Tradition Regional Park (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor for all commercial plats for Tradition Regional Park located at Southwest Becker Road in Port Saint Lucie. Work effort included Southern Grove Plat No.s 33, 35, 39 and 43. The platted tracts formed what today includes the Legacy Park development areas. Additional surveying services included boundary, topographic, sketch & legal descriptions, construction layout, PSLUSD as-builts.		[X] Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) Indian River Estates Phase II (Fort Pierce, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor for as-built survey services that included field collecting and preparing as-built drawings showing all the facilities, as constructed by the County's contractor. The Indian River Estates project is a 1,300 acre residential neighborhood adjacent to the Savannas State Preserve. This neighborhood was historically flood prone and heavy rain events caused water to overtop roadways and damage structures. The County has completed construction of a pumpstation, stormwater force main and wet detention pond (Phase 1) as well as the backbone collection system for portions of the neighborhood (Phase 2).		[X] Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) McCarty Ranch – Topographic Survey (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2015	CONSTRUCTION (If Applicable) 2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor responsible for topographic, planimetric, and utility surveys, office computations, 3D mapping and color ortho-rectified digital mosaic aerial photography for use in developing a planimetric and topographic map of the McCarty Ranch site. The McCarty Ranch is 3,100 acres of largely old Florida pinelands.		[X] Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State) City of Port St. Lucie Interim Surveyor		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable) N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager assigned to provide consultant services to City . Surveying provided under this contract included interim City Surveyor duties to include Plat reviews, legal descriptions.		[X] Check if project performed with current firm		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Ian E. Patureau		13. ROLE IN THIS CONTRACT Project Manager – UAV/LiDAR		14. YEARS EXPERIENCE	
				a. TOTAL 20	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) Culpepper & Terpening, Inc. (Fort Pierce, Florida)					
16. EDUCATION (DEGREE AND SPECIALIZATION) Florida Institute Technology 2017 AS – Computer Information Systems			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FAA Remote Pilot License # 4767643		
18. Other Professional Qualifications Certified Survey Technician I (Training), FDOT CTQP MOT Intermediate # 57133					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) Southern Grove - Tradition Regional Park (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE UAV LiDAR & post processing in support of all plats for Tradition Regional Park located at Southwest Becker Road in Port Saint Lucie. Work effort included Southern Grove Plat No.s 33, 35, 39 and 43. The platted tracts formed what today includes the Legacy Park development areas. Additional surveying services included boundary, topographic, sketch & legal descriptions, construction layout, PSLUSD as-builts.		[X] Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) Becker Road West (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE UAV LiDAR & post processing in support of the design and permitting of Becker Road West – Phase 2 from the extension of Community Boulevard to the west side of the GHO development parcel located within the Southern Grove development. The project shall consist of approximately 3,200 linear feet of a 4-lane divided urban arterial roadway with an initial 2-lane construction phase. Surveying services includes boundary and topographic surveys, title reviews, utility locations, easement preparation and platting.		[X] Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) FPL Solar Energy Center (County-wide)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field surveying services in support of various Solar Energy Center and electrical substation projects throughout St. Lucie County. Survey services have included ALTA surveys for siting, design level topographic surveys, LiDAR and photogrammetry surveys, specific purposes surveys to support the design process and construction surveying services. In St Lucie County alone we have provided these services for over 15,000 acres of land in the last five (5) years. Some of the St. Lucie County solar sites include, Sunbreak Farms, Loggerhead Solar, Sundew Solar, Pineapple Solar, Orchard Solar, Bluefield Solar, Clover Solar, Indrio Solar, Waveland Solar, Interstate Solar, Pink Trail Solar, and other Solar Energy Centers.		[X] Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) SR No. 5 (US-1) - Landscape Improvements CEI (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2023	CONSTRUCTION (If Applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Work scope includes replacement of median soils, installation of mainline irrigation via directional bores and direct bury methods, installation of wells, irrigation, stamped concrete and plantings. Challenges include MOT on high traffic volume roadway with many driveways. Specific Role: UAV Project Manager. Construction Cost: \$3.2 million		[X] Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State) Tradition – Western Groves Survey (Port St. Lucie, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2015	CONSTRUCTION (If Applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Surveys in support of a Boundary Survey and Legal documents for 1,800 acres (more or less) west of the existing Tradition MPUD/DRI area in the City of Port St. Lucie. The surveyed area is part of the Development of Regional Impact (DRI) referred to as Western Groves. Western Grove is part of the 8,200-acre Tradition project west of Interstate 95 that is expected to contain more than 17,000 residences, 4.8 million square feet of retail development and 10.3 million square feet of industrial, office and research space.		[X] Check if project performed with current firm		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME Steven Haines, PE, LEED AP	13. ROLE IN THIS CONTRACT Senior Project Engineer/ Contract Manager	14. YEARS EXPERIENCE a. TOTAL: 17 b. WITH CURRENT FIRM: 10	
15. FIRM NAME AND LOCATION FIRM NAME AND LOCATION (City and State) Johnson, Mirmiran & Thompson, Inc. (Fort Pierce, Florida)			
16. EDUCATION (DEGREE AND SPECIALIZATION) M.S. / Civil Coastal Engineering, University of Florida, 2006 B.S. / Mechanical Engineering, University of Florida, 2005 B.S. / Aerospace Engineering, University of Florida, 2005		17. CURRENT PROFESSIONAL REGISTRATION CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer: FL 71522 LEED AP (BD+C) 10232666	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Haines has over 17 years of Construction Engineering & Inspection (CEI) and personnel management and development experience. He has worked for the Florida Department of Transportation, District 4 as Area Engineer in the Treasure Coast area as well as the private sector. His experience includes CEI services on a variety of FDOT roadway projects and municipal/LAP projects, including roadway reconstruction and resurfacing, bridge rehabilitation and replacement, utility installation, commercial and residential site development. He manages staff, projects, and contracts in the Treasure Coast region. Mr. Haines' extensive management and project experience from FDOT and the consultant side brings significant value to his role as Sr. Project Engineer. Training/CTQPs include: Advanced MOT; Quality Control Manager; Asphalt Paving Levels 1 & 2; Final Estimates Levels 1 & 2; Critical Structures Issues; FL Stormwater, Erosion & Sediment Control; ACEC/FES – 2019 FELI Class Member; JMT – 2015 Project Management Class; FDOT – Manager's Academy; FDOT – Supervisor's Academy; FDOT – Certified Public Manager Training; FDOT – EEO, DBE and Payroll Compliance Training; OSHA 10 Hour Training – Construction Safety & Health; HAZMAT Certification; Nuclear Safety Certification. (TIN #H520785823220)			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Bayshore Boulevard at Lakehurst Dr. Intersection Project, City of Port St. Lucie, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES: Jul. '23 – Ongoing CONSTRUCTION (If Applicable): N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Sr. Project Engineer.</i> JMT is providing CEI services to the City of Port St. Lucie to install a new mast arm traffic signal at the intersection of SW Bayshore Blvd. and SW Lakehurst Dr. Project items include four (4) new traffic signal mast arms and foundations and controller assembly, vehicle video detection equipment, pedestrian signals and detectors, signal cable, sidewalk curb ramps, signs, and pavement markings. Construction Value – \$684,368; Duration – 270 Days. Reference: Paul Johnson, City of Port St. Lucie Project Manager, (772) 871-5182.		
b.	(1) TITLE AND LOCATION (City and State) Gatlin Boulevard Adaptive Signal Project, City of Port St. Lucie, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES: Jul. '23 – Ongoing CONSTRUCTION (If Applicable): N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Sr. Project Engineer.</i> JMT is providing CEI services to the City of Port St. Lucie to install new traffic cameras, ITS and Signal cable, and vehicle video detection equipment at signalized intersections, optimization of green time, and addition of adaptive traffic signal control along Gatlin Blvd. within the City of Port St. Lucie. Intersections include Village Pkwy., Brescia St., Savage Blvd./Fondura Rd., Import Dr., Rosser Blvd., and Savon Blvd. Construction Value – \$477,254; Duration – 120 Days. Reference: Joe DeFronzo, City of Port St. Lucie Project Manager, (772) 871-5111.		
c.	(1) TITLE AND LOCATION (City and State) CEI Services for Header Canal Rd. Resurfacing Project, St. Lucie County, FL. St. Lucie County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES: Jan. '23 – Ongoing CONSTRUCTION (If Applicable): N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Sr. Project Engineer.</i> JMT is providing CEI services to St. Lucie County for full depth reclamation and Cold In-Place Recycling of 5.1 miles of Header Canal Rd. from SR-70 (Okeechobee Rd.) to SR-68 (Orange Ave.). Other projects items include milling and resurfacing with Hot Mix Asphalt, minor widening, shoulder stabilization, and new pavement markings. Construction Value - \$3.2M; Duration – 42 days. Reference: Shannon Mieras, Project Manager, (772) 462-1813		
d.	(1) TITLE AND LOCATION (City and State) CEI Services for the Alcantarra Blvd. Sidewalk Project, Port St. Lucie, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES: 2023 CONSTRUCTION (If Applicable): 2023	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Sr. Project Engineer.</i> JMT is providing CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the south side of SW Alcantarra Blvd. from SW Savona Blvd. to SW Port St. Lucie Blvd. Other project items include new detectable warning surfaces at side street intersections, new signage and existing sign relocations, curb and gutter at the outside right-hand turn lane near SW PSL Blvd., swale liner installation, drainage improvements, and sodding. Approximate Construction Contract Value – \$463,225; Duration – 150 Days. Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.		
e.	(1) TITLE AND LOCATION (City and State) CEI Services for Floresta Dr. Phase II Reconstruction, St. Lucie County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES: Sep. '22 – Ongoing CONSTRUCTION (If Applicable): N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Sr. Project Engineer.</i> This project includes improvements along a critical corridor from the Elkhart Waterway to Crosstown Parkway. Improvements include full reconstruction of the roadway, including medians, bike lanes, sidewalks, extensive underground drainage, major utility relocations, lighting, landscaping, pond excavation, bridge replacement, etc. Construction Value – \$30.0M; Duration – 730 days. Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME Wesley Kraft, EI	13. ROLE IN THIS CONTRACT Deputy Contract Manager/ Project Manager	14. YEARS EXPERIENCE a. TOTAL: 9 b. WITH CURRENT FIRM: 9	
15. FIRM NAME AND LOCATION FIRM NAME AND LOCATION (City and State) Johnson, Mirmiran & Thompson, Inc. (Fort Pierce, Florida)			
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. / Civil Engineering, University of South Florida, 2013 A.A. / Indian River State College, 2012		17. CURRENT PROFESSIONAL REGISTRATION CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Engineering Intern: FL 100017836	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Kraft has over 9 years of experience working on Florida Department of Transportation projects in Districts 1, 4, and 5 providing CEI services. He has experience in many aspects of roadway construction, including earthwork, asphalt, drainage, CIP box culverts, drilled shafts, pile driving, overhead sign structures, MSE walls, and concrete Class I bridges. He is ambitious and demonstrates proficiency in his understanding of department expectations and procedural requirements to bring a project to successful completion. He's managed team members as a senior inspector and is now managing teams as a project administrator. Mr. Kraft is experienced with the various department utilized systems such as Citrix, Materials Acceptance System, Project Solve Sharepoint System, and others used to input, process, and store department and project-specific information. Mr. Kraft understands client expectations for quality and always strives to ensure the contractor is informed and familiar with the most up-to-date information prior to and during construction. Training/CTQPs include: QC Manager, Asphalt Paving L1 & L2, Final Estimates L1 & L2, Earthwork L1 & L2, ACI Field Testing Tech 1, FDOT Concrete Field Tech 1, Intermediate MOT, MSA Traffic Signal Inspector L1, Fiber Optics Technician, Drilled Shaft, Pile Driving, Stormwater Erosion and Sedimentation Control Inspector, Nuclear Radiation Safety, Auger Cast Pile, MSE Wall, Critical Structures, Silica Training, MRP Specialist Training, and HAZMAT. (TIN # K61388184)			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) CEI Services for Bell Avenue Sidewalk, St. Lucie County, FL.	(2) YEAR COMPLETED PROFESSIONAL SERVICES: Jun. '23 – Ongoing CONSTRUCTION (If Applicable): N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Project Manager.</i> This project includes improvements along the South side of Bell Avenue from 25th Street to Sunrise Boulevard. Improvements include installation of a 6 ft. wide concrete sidewalk, driveway and culvert replacement, swale realignment, updated signage, utility relocations, and striping of crosswalks. The project includes close coordination with the public and County staff to minimize disruptions to the traveling public as this corridor carries significant industrial and commercial traffic to the local area. Additionally, this a LAP funded project with FDOT oversight. Construction Contract Value – \$251,645.79; Duration – 240 days. Reference: Edmund Bas, P.E., Assistant County Engineer, (772) 216-0142.		
b.	(1) TITLE AND LOCATION (City and State) CEI Services for Floresta Dr. Phase II Reconstruction, St. Lucie County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES: Sept. '22 – Ongoing CONSTRUCTION (If Applicable): N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Assistant Project Manager.</i> This project includes improvements along a critical corridor of Port St. Lucie from the Elkhorn Waterway to Crosstown Parkway. Improvements include full reconstruction of the roadway and replacement of the bridge at Elkhorn Waterway, including medians, bike lanes, sidewalks, extensive underground drainage and utility relocations, lighting, landscaping, pond excavation, etc. The project includes close coordination with the public and City staff to minimize disruptions to the traveling public as this corridor includes an elementary school. Construction Contract Value – \$29.9 M; Duration – 730 days. Reference: Heath Stocton, PE, Assistant Public Works Director, (772) 370-8203		
c.	(1) TITLE AND LOCATION (City and State) CEI Services for Edwards Rd. Reconstruction, St. Lucie County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES: Aug. '22 – Ongoing CONSTRUCTION (If Applicable): N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Assistant Project Manager.</i> This project is a low bid, design-build, off-system Local Agency Project that includes replacement of the drainage system damaged due to Hurricane Irma, utility relocations, full roadway reconstruction, signalization at the Oleander Ave. intersection to replace the existing span wire system with mast arms and milling & resurfacing of Oleander Ave. south to the railroad tracks. The project includes close coordination with local utility companies, railroad representatives, and FDOT's adjacent ATMS project. Construction Value - \$6.7M; Duration – 422 days. Reference: Michael Harvey, EI, Project Manager, (772) 216-2586		
d.	(1) TITLE AND LOCATION (City and State) CEI Services for St. Lucie County Bridge Repairs (Project 18501 PH II, 11 Mile Rd over 10-Mile Creek), St. Lucie County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES: 2022 CONSTRUCTION (If Applicable): 2022	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Project Manager.</i> JMT provided CEI services to St. Lucie County to repair the 11 Mile Rd. bridge over 10-Mile Creek. Project items included pile jackets, joint and spall repair on deck, expansion joint replacement, riprap rubble, milling and resurfacing, and bridge mounted conduit repairs. Approximate Construction Contract Value – \$540,763; Duration – 155 Days. Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.		
e.	(1) TITLE AND LOCATION (City and State) CEI Services for McCarty Ranch Water Quality Restoration Project (Area 2, Area 3, and Area 4), City of Port St. Lucie, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES: 2023 CONSTRUCTION (If Applicable): 2023	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME Edward Stepaniak	13. ROLE IN THIS CONTRACT Senior Inspector	14. YEARS EXPERIENCE	
		a. TOTAL 36	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION FIRM NAME AND LOCATION (City and State) Johnson, Mirmiran & Thompson, Inc. (Fort Pierce, Florida)			
16. EDUCATION (DEGREE AND SPECIALIZATION) AutoCAD/ Indian River Community College, 2006 High School Diploma		17. CURRENT PROFESSIONAL REGISTRATION CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) With 36 years of land and heavy construction surveying, roadway, and bridge CEI experience, Mr. Stepaniak is very knowledgeable of the principles, practices, and procedures of ALTA surveys, topographic and boundary surveys, field engineering, construction layout, and inspection. He is mindful of safety and security procedures, including proper use of equipment and materials. During his 19 years as a Survey Party Chief, his capabilities include making and checking survey computations; supervising a survey party; problem-solving skills related to land surveying and roadway construction activities; collaboration and management skills, and excellent communication skills in working with FDOT, local agencies, and the private sector. He is also skilled in prioritizing and planning work activities, efficient time management, and delineating goals and objectives for tasks at hand. His survey experience is a huge asset to the Team when performing Inspection duties.			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Gatlin Blvd. Adaptive Signal Project, Port St. Lucie, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Jul. '23 – Ongoing	CONSTRUCTION (If Applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm <i>Survey Party Chief.</i> Mr. Stepaniak was asked to investigate a series of storm drain manholes located just outside of the original topographic limits supplied by the FDOT D6 at the intersection of Sunny Isles Boulevard (NE 163rd Street) and North Bay Road. The system of manholes collected storm drain runoff from 163rd Street and North Bay Road and connect to drain inlets along the curb of both roads. Crews opened all manholes to determine size and type of pipes as well as approximate invert depths as standing water was present in all manholes. Outfall pipes were also visible at low tide and were obtained using conventional surveying methods and tied to site control. Data was downloaded, and process in Microstation using the FDOT Standards and supplied to our in-house engineers for further evaluation.		
b.	(1) TITLE AND LOCATION (City and State) Reconstruction of Port St. Lucie Blvd. from Darwin to Alcantarra, St. Lucie County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Jan. '22– Ongoing	CONSTRUCTION (If Applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm <i>Inspector.</i> This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway on a critical north-south corridor of southern Port St. Lucie. The project includes full roadway reconstruction and widening, concrete (sidewalk, driveway, curb and gutter, and textured), earthwork construction for a new pond and ditch excavation, a new closed drainage system, extensive utility relocations including water/wastewater, lighting, new signalization, landscaping & irrigation, etc. Construction Value - \$11.5M; Duration – 709 days. Reference: Mark Freeman, Treasure Coast Operations Project Manager, (772) 429-4904.		
c.	(1) TITLE AND LOCATION (City and State) St. Lucie West Blvd. at SR-9/I-95 from Champions Way to Peacock Blvd., St. Lucie County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Jan. '22– Ongoing	CONSTRUCTION (If Applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm <i>Inspector.</i> The project consists of widening St. Lucie West Blvd. at the I-95 interchange from Champions Way to Peacock Blvd. A new eastbound roadway and bridge over I-95 will be constructed, and the I-95 ramps will be reconstructed to increase capacity and alleviate traffic congestion. Additional work includes roadway reconstruction, milling, resurfacing and widening, earthwork, drainage, concrete sidewalk, curb and gutter, bridge construction, retaining walls, 7' buffered big lanes in each direction, lighting, signalization, landscaping, utility relocations, signage and pavement markings. Construction Value - \$15.5M; Duration – 588 days. Reference: Marla Hewson, Treasure Coast Operations Project Manager, (772) 349-6728.		
d.	(1) TITLE AND LOCATION (City and State) Reconstruction of Midway Rd (CR-712) from west of 25th Street to east of US-1, St. Lucie County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable) 2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm <i>Inspector's Aide.</i> This project entailed CEI services for congestion relief on a major St. Lucie County East-West evacuation corridor. This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway, realignment of the White City Park entrance, and numerous side street improvements. It also included full bridge replacement with Florida I-beams and cast-in-place bridge deck, retaining walls, new signalized intersections with drilled shafts, major utility improvements, new street lighting, landscaping, irrigation, etc. Mr. Stepaniak assisted in acquiring signed license agreements; meeting with property owners, performing reviews of miscellaneous commitments provided in project legal documents; continually providing FDOT with updated R/W maps noting procured license agreements; assisting with utility relocation inspections, including survey verification of pole stake locations; performing plan reviews and attending design, R/W, and various other project meetings. He also performed weekly site surveys to resolve design discrepancies, verify drainage features, including ponds, ditches, control structures, etc., environmental inspections, and concrete flatwork. Construction Value - \$31,000,000; Duration – 1,690 days. Reference: John Spivey, Treasure Coast Operations Project Manager, (772) 216-4273.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME James Ashburn	13. ROLE IN THIS CONTRACT Senior Inspector	14. YEARS EXPERIENCE	
		a. TOTAL 19	b. WITH CURRENT FIRM 19
15. FIRM NAME AND LOCATION FIRM NAME AND LOCATION (City and State) Johnson, Mirmiran & Thompson, Inc. (Fort Pierce, Florida)			
16. EDUCATION (DEGREE AND SPECIALIZATION) High School Diploma		17. CURRENT PROFESSIONAL REGISTRATION CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Ashburn has more than 19 years of experience on roadway construction projects. He is a strong team member, knowledgeable in FDOT standards, specifications, ADA, and local utility design standards. He has extensive geotechnical knowledge including drilled shafts and can perform complex and detailed roadway inspections. His CEI experience as a Senior Inspector includes knowledge in nearly all construction activities and methods and has worked extensively with FDOT D4 and local municipalities, primarily in the Treasure Coast region. Training/CTQPs include: Advanced MOT; Asphalt Paving L1 & L2; Final Estimates L1 & L2; FDOT Concrete Field Tech. L1; Earthwork L1 & L2; FDOT Drilled Shaft Inspection; QC Manager; IMSA Roadway Lighting; IMSA Traffic Signal Inspector L1; HAZMAT; ACI Field Testing 1; Critical Structures; ADA Training; MSE Wall Inspector – CBT; Auger Cast Piles – CBT; Stormwater Erosion and Sedimentation Control Inspector; OSHA 10 Hr. Safety & Health (TIN# A21644880)			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Floresta Dr. Phase II Reconstruction, St. Lucie County, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Inspector. This project includes improvements along a critical corridor of Port St. Lucie from the Elkhart Waterway to Crosstown Parkway. Improvements include full reconstruction of the roadway and replacement of the bridge at Elkhart Waterway, including medians, bike lanes, sidewalks, extensive underground drainage and utility relocations, lighting, landscaping, pond excavation, etc. The project includes close coordination with the public and City staff to minimize disruptions to the traveling public as this corridor includes an elementary school. Construction Value – \$29.9 M; Duration – 730 days. Reference: Heath Stocton, PE, Assistant Public Works Director, (772) 370-8203.	PROFESSIONAL SERVICES Sep. '22 – Ongoing	CONSTRUCTION (If Applicable) N/A
b.	(1) TITLE AND LOCATION (City and State) CEI Services for Floresta Dr. Phase I Reconstruction, St. Lucie County, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Inspector. This project included improvements along a critical corridor of Port St. Lucie from Southbend Blvd. to the Elkhart Waterway. Improvements include full reconstruction of the roadway, including medians, bike lanes, sidewalks, extensive underground drainage, major utility relocations, lighting, landscaping, pond excavation, etc. The project included close coordination with the public and City staff to minimize disruptions from Traffic Control to utility transfers. Approximate Construction Contract Value – \$11.1M; Duration – 365 days. Reference: Heath Stocton, PE, Assistant Public Works Director, (772) 370-8203.	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable) 2022
c.	(1) TITLE AND LOCATION (City and State) SR-732/Jensen Beach Boulevard from U.S.-1/SR-5 to Savannah Road, Martin County, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Inspector. This project included widening to accommodate new bike lanes and milling and resurfacing all travel lanes and turn lanes. Other project improvements included sidewalk and pedestrian ramp upgrades, signing and pavement markings, new signalization and intersection lighting, drainage, and pedestrian upgrades. Mr. Ashburn was the lead Senior Inspector responsible for overseeing all project activities and field operations. Reference: Mark Freeman, FDOT PM (772) 429-4904	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable) 2020
d.	(1) TITLE AND LOCATION (City and State) US-1/SR-5 Milling & Resurfacing from North of SE Salerno Road to North of SE Fischer Street, Martin County, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Inspector. This project included milling and resurfacing of all travel lanes, turn lanes, and shoulders. Other project improvements consisted of sidewalk and pedestrian ramp upgrades, upgrading signing and pavement markings and upgrading pedestrian signal heads at three signalized intersections. Mr. Ashburn worked on this project as a Senior Inspector, responsible for oversight of all project activities lighting, roadway widening, guardrail milling and resurfacing, striping, concrete flat work, signalization upgrades, etc. Reference: Mark Freeman, FDOT PM (772) 429-4904	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable) 2019
e.	(1) TITLE AND LOCATION (City and State) General CEI Services, Palm Beach and St. Lucie County, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Inspector. Mr. Ashburn worked on various inspection tasks throughout the Palm Beach/PGA area, as well as for the City of Port St. Lucie. Sample projects include: Tulip Boulevard (LAP Project) – Responsible for EEO interviews, CUF reports and Bulletin Board Inspection, as well as assisting the Project Administrator. PGA (St. Lucie West) – Responsible for drill shaft inspections, signalization inspection and mast arm inspection for Indian River County. Reference: Diane Blankeman, Lang Management (561) 866-8110	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) 2018



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.		



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 Brian K. Smith	13. ROLE IN THIS CONTRACT Senior Technician/Director of Operations	14. YEARS EXPERIENCE	
		a. TOTAL 28	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)

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

ACI Level I Technician, ACI Aggregate Base Testing Technician, Nuclear Gauge Soil Density Certified, Radiation Safety Officer, FDOT/CTQP LBR Technician
 FDOT/CTQP Aggregate Base Testing Technician, FDOT/CTQP Qualified Sampler Technician
 FDOT/CTQP ECI 1 & 2 Earthwork Technician, FDOT/CTQP Aggregate Field Testing
 FDOT/CTQP Asphalt Plant Level 1, FDOT/CTQP Asphalt Paving Level 1
 FDOT/CTQP Concrete Lab Technician Level 1, FDOT/CTQP Concrete Field Inspector Level 1
 CMEC Laboratory Soil Technician

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

Brian Smith conducts field and laboratory operations within Andersen Andre Consulting Engineers, Inc. (AACE). He is responsible for conducting services such as soil density testing, compressive strength of concrete testing, etc. Brian has performed such services for both private and public sector clients, including St. Lucie County Department of Engineering, Okeechobee County, Martin County, the City of Port St. Lucie and FDOT. Brian has been conducting construction materials testing services and field explorations in south Florida for 28 years. He has served as field manager on hundreds of testing programs for developments of all types, including roadways, multi-story buildings, bridges, auger-cast and driven pile installation projects, etc.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
SR 76 (Kanner Highway) and I-95 Interchange Improvements (Martin County, FL)	2015	2017
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	[X] Check if project performed with current firm	
A. 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 team of FDOT/CTQP-certified technicians, led by Brian Smith, performed significant testing for the project. AACE's budget was approximately \$240,000.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Discovery Way, East & West (Port St. Lucie, FL)	PROFESSIONAL SERVICES 2009	CONSTRUCTION (if applicable) 2010
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	[X] Check if project performed with current firm	
B. Brian served as <u>Senior Field Technician</u> and assisted with AACE's Roadway Soil Survey by performing more than 50 soil borings. Subsequent to design of the roadway, Brian was instrumental during construction as he routinely performed demucking and ditch reclamation observations, soil and rock density testing, concrete testing, paving observations and laboratory testing (Proctors, LBRs, percent-fines, etc.). Construction materials testing consisting of over 1,000 density tests, 20+ LBRs, paving and subgrade inspections and demucking observations. AACE's budget was approximately \$60,000.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Westmoreland Boulevard (Port St. Lucie, FL)	PROFESSIONAL SERVICES 2007	CONSTRUCTION (if applicable) 2008
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	[X] Check if project performed with current firm	
C. Brian served as <u>Senior Field Technician</u> and performed soil borings and roadway coring operations during design of Westmoreland Boulevard. Subsequent to design of the roadway, Brian performed demucking observations, soil and rock density testing, concrete testing, paving observations and laboratory testing (Proctors, LBRs, percent-fines, etc.) on a full-time basis. AACE's budget was approximately \$35,000.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
SE Dixie Highway Resurfacing (Stuart, FL)	PROFESSIONAL SERVICES 2023	CONSTRUCTION (if applicable) Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	[X] Check if project performed with current firm	
D. Brian is currently serving as a full-time <u>Senior Field Technician</u> and supplemental CEI inspector for SE Dixie Hwy. at the request of the Martin County Engineering Department. Brian is performing soil and rock density testing, concrete sampling and testing as well as observing the installation of utilities, drainage structures and piping, base rock placement and paving. AACE's budget is \$75,000.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Steve Mathis	13. ROLE IN THIS CONTRACT Senior Field Technician	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 11

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

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
	ACI Level I Technician (Scheduled for Renewal) Nuclear Gauge Soil Density Certified FDOT/CTQP ECI 1 Earthwork Technician

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Steve Mathis conducts field and laboratory operations within Andersen Andre Consulting Engineers, Inc. (AACE). He is responsible for conducting services such as soil density testing, compressive strength of concrete testing, etc. Steve has performed such services for both private and public sector clients, including for the City of Port St. Lucie, Okeechobee County, Martin County, Indian River County, the City of Fort Pierce, Indian River County and the FDOT. Steve has been conducting construction materials testing services and field explorations in south Florida for more than 20 years. He has served as field manager on hundreds of testing programs for developments of all types, including roadways, multi-story buildings, bridges, stormwater improvement projects and utility installations.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
City of Port St. Lucie City-Wide Water Main Installation (Port St. Lucie, FL)	2012	2013
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm A. Steve served as Senior Field Technician and performed soil and rock density testing, concrete testing and laboratory testing (Proctors, LBRs, percent-fines, etc.) for this project that included installation of 50+ miles of new water main.		
Floresta Boulevard Reconstruction, Phases 1 & 2 (Vero Beach, FL)	2019	Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm B. Steve currently serves as Senior Field Technician during the construction of Phases 1 & 2 of Floresta Boulevard. As such, Steve provides full-time testing during storm drain and utility installations as well as during roadway widening. Steve also performs laboratory testing of embankment, base and concrete used in roadway construction.		
Discovery Way Extension/TMC Access Road (Port St. Lucie, FL)	2013	2014
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm C. Steve served as Senior Field Technician and performed soil density testing, concrete testing, laboratory testing (Proctors, LBRs, percent-fines, etc.) as well as ditch demucking observations during this roadway construction project.		
McCarty Ranch Water Quality Project – Areas 1,2,3 and 4 (Port St. Lucie, FL)	2017	2022
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm D. Steve has been AAACE’s Senior Field Technician for density testing during construction of Areas 1, 2, 3 and 4 of the City’s water retention/treatment reservoir located at the McCarty Ranch property. Services that AAACE routinely performed include stripping/grubbing inspections, density testing of berm soils, ditch demucking observations, pump station pad construction monitoring, and laboratory testing of bulk samples (Proctors, percent-fines, organic content, etc.).		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Ralph Lewis	13. ROLE IN THIS CONTRACT Laboratory Mgr., Senior Field Technician	14. YEARS EXPERIENCE	
		a. TOTAL 18	b. WITH CURRENT FIRM 17+

15. FIRM NAME AND LOCATION (City and State)

Andersen Andre Consulting Engineers, Inc. (Port St. Lucie, Florida)

16. EDUCATION (Degree and Specialization)

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

ACI Level I Technician,
ACI Aggregate Base Testing Technician
Nuclear Gauge Soil Density Certified, Radiation Safety Officer
FDOT/CTQP ECI 1 Earthwork Technician
FDOT/CTQP Asphalt Paving Level 1
FDOT/CTQP Qualified Sampler Technician
FDOT/CTQP Aggregate Base Testing Technician
FDOT/CTQP LBR Technician

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

Ralph Lewis conducts field and laboratory operations within Andersen Andre Consulting Engineers, Inc. (AACE). He is responsible for conducting services such as soil density testing, compressive strength of concrete testing, etc. Ralph has performed such services for both private and public sector clients, including for Okeechobee County, Martin County, Indian River County, the City of Port St. Lucie and FDOT. Ralph has been conducting construction materials testing services and field explorations in south Florida for 18 years. He has served as field manager on hundreds of testing programs for developments of all types, including roadways, multi-story buildings, bridges, stormwater improvement projects and utility installations.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
A.	Rangeline Road Water Main Installation (Port St. Lucie, FL)	2011	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Ralph served as Senior Field Technician and performed soil and rock density testing, concrete testing and laboratory testing (Proctors, LBRs, percent-fines, etc.).		
B.	Rosser Boulevard Full-Depth-Reclamation and Sidewalk Construction (Port St. Lucie, FL)	2017	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Ralph served as Senior Field Technician and performed soil and rock density testing, concrete testing and laboratory testing (Proctors, LBRs, percent-fines, etc.) for this City roadway. Ralph also performed roadway coring, asphalt testing and sidewalk subgrade inspections.		
C.	Cypress Creek STA (Martin County, FL)	2013	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Ralph served as Senior Field Technician and performed soil density testing, concrete testing, laboratory testing (Proctors, LBRs, percent-fines, etc.) as well as sheet pile driving monitoring during construction of this STA in Martin County.		
D.	Floresta Roundabout Construction (Port St. Lucie, FL)	2014	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Ralph served as Senior Field Technician and performed soil and rock density testing, concrete testing and laboratory testing (Proctors, LBRs, percent-fines, etc.) for this traffic calming construction project.		



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. (1) TITLE AND LOCATION (City and State) Royal Palm Beach Boulevard Phase 1	2009		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm 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. (1) TITLE AND LOCATION (City and State) Palm Beach County Fire Station #14, Jupiter, FL	2008-2009		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm 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. (1) TITLE AND LOCATION (City and State) 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 [x] Check if project performed with current firm 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. (1) TITLE AND LOCATION (City and State) FDOT SR 882 Forest Hill Boulevard, Greenacres & Lake Clarke Shores, FL	2009		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm 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. (1) TITLE AND LOCATION (City and State) Northern Palm Beach County Improvement District Headquarters-PBG, FL	2008-2009		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm 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 Donaldson E. Hearing, PLA, AICP, LEED AP/Principal	13. ROLE IN THIS CONTRACT Project Manager Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 38	b. WITH CURRENT FIRM 30
15. FIRM NAME AND LOCATION (City and State) Cotleur & Hearing, Jupiter, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) University of Florida, Bachelor of Landscape Architecture, 1982 Graduated with High Honors		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Florida Registered Landscape Architect #LA0000943; Qualified Professional Mangrove Trimmer; LEED AP Certified	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Landscape Architects Scholastic Merit Award 1982 National Honor Society Scholastic Achiever USACOE Hydrogeomorphic Wetland Assessment Methodology Training, 1994 American Society of Landscape Architects, member Northern PBC Chamber of Commerce, Board of Directors and Exec. Committee PBC Business Development Board, Director Lighthouse Center of the Arts, Director PGA Corridor Association, Director MyClinic, Director Borland Center for Community Enrichment, Board Member AWARDS: 2012 Community Leader of the Year by Northern Palm Beach County Chamber of Commerce 2011 American Institute of Architects Landscape Architect of the Year by Palm Beach County			

19. RELEVANT PROJECTS [Relevant Projects:]

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	Northern Palm Beach County Improvement District Emergency Operations Facility—Palm Beach Gardens, Florida	2008-2010	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE NPBCID retained C&H to secure required zoning entitlements for their new \$3.5M Emergency Operations Center in PGA National. Mr. Hearing was responsible for addressing complex development of regional impact (DRI) issues and to develop a strategy to provide for the sale of the existing building to a private party. Mr. Hearing was also lead landscape architect for the project. The landscaping consists of all Florida native plant material organized to reinforce the District's environmental stewardship. The project has received positive acclaim.		
b.	Midtown/Borland Center MXD—Palm Beach Gardens, Florida	2008	2008
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The Midtown Borland Center MXD is a mixed-use planned development located on PGA Blvd. The project was designed utilizing new urbanist principles and contains 95,000 sf. of commercial and 75,000 sf. of institutional use together with 225 residential units. The uses are both horizontally and vertically integrated on the street. Mr. Hearing was the project design leader and responsible for securing the required zoning entitlements. Mr. Hearing was instrumental in bridging the differences between the developer and out-spoken community groups.		
c.	Palm Beach County Libraries (Multiple)—Palm Beach County, Florida	2010, 2011, 2010	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Belle Glade Library: Zoning Entitlements Pending, Due-Diligence; North County Library: Zoning Entitlement, Environmental Consulting, Representation and Project Management; West Boca Library: Environmental Consulting		
d.	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.	Palm Beach County Fire Stations (Multiple)—Palm Beach County, Florida	2011, 2010, 2011, 2012	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Fire Stations #10: Planning, Due Diligence, Environmental Consulting, Conceptual Site Plan; #14: Planning, Due Diligence, Environmental, Permitting, LA; #34: Zoning Entitlement; #74: Site Planning, Zoning Due Diligence, Land Use & Zoning Entitlements		



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.	White Haven, Jupiter, FL		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm 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.		
b.	Waterway Village, Vero Beach, FL		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm 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.		
c.	Alton Neighborhood 1, Palm Beach Gardens, FL		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm 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.		
d.	S.R. 706 & S.R. 91 Interchange; Florida's Turnpike, Jupiter, FL		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm 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.		
e.	Crosstown Parkway Extension Project, Port St. Lucie, FL		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm 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.		



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

12. NAME Daniel Sorrow, PLA, AICP, LEED® AP BD+C, ISA-CA	13. ROLE IN THIS CONTRACT Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 19	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION (City and State) Cotleur & Hearing, Jupiter, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) 2004: University of Florida; Bachelor of Landscape Architecture, Minor of Environmental Horticulture	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Florida Registered Landscape Architect, No. 6666979 Certified Planner by the American Institute of Certified Planners, No. 025895 LEED Accredited Professional No. 10015138 Certified Arborist by the International Society of Arboriculture, No. FL-6191A		

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
 American Society of Landscape Architects (ASLA) American Planning Association (APA)
 U.S. Green Building Council
 International Society of Arboriculture
 Mr. Sorrow has provided consulting services in the areas of site planning, master planning, landscape and irrigation design, permitting and landscape inventory and analysis. He takes a holistic approach to design and management and is passionate about providing all-encompassing solutions to project challenges. Mr. Sorrow has ascended to the role of project manager with Cotleur and Hearing for the purpose of serving each client and their projects' needs with the utmost importance. He strives to provide good communication throughout the development process.

18. RELEVANT PROJECTS [Relevant Projects:]			
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	Verano, Port St. Lucie, Kolter Homes		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Planner and Landscape Architect of record for Development including Talavera Recreation Center. Site included open space lawn areas, swimming pool, tennis courts and clubhouse.	[x] Check if project performed with current firm	
b.	Christ Fellowship, Martin County FL		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This project is 321 acres and includes the development of two buildings, 500 space parking lot, retention ponds, open air structure, pavilions and athletic fields. Over 307 acres of the site are left as open space and passive recreation. Mr. Sorrow served as Project manager, Site Planner and Landscape Architect of record for the project.	[x] Check if project performed with current firm	
c.	The Lakes at Waterway Village, Amenity Center, Vero Beach, FL		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Land Planner responsible for the Site Plan and Landscape Plan of the project. Amenity Center included recreational programmatic items such as tennis courts, bocce ball courts, swimming pools, multi-use open space lawn areas and ornamental landscape gardens.	[x] Check if project performed with current firm	
d.	Acreage Community Park, Palm Beach County, Indian Trails Improvement District		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Landscape Architect of record responsible for the design of landscape and irrigation system. Site included running/walking track with multi-purpose field, basketball courts, tennis courts, equestrian trails and tot lots.	[x] Check if project performed with current firm	
e.	Vizcaya Falls, Port St. Lucie, FL		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Land Planner responsible for the Planned Unit Development (PUD) Amendment. Site includes recreational areas, model homes, and mixed residential housing products.	[] Check if project performed with current firm	



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Robert Olsker	13. ROLE IN THIS CONTRACT Irrigation Systems Designer	14. YEARS EXPERIENCE	
		a. TOTAL 38	b. WITH CURRENT FIRM 17
15. FIRM NAME AND LOCATION (City and State) Cotleur & Hearing, Jupiter, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) 1988 Palm Beach Atlantic University; Bachelor Major: Business Administration Minor: Management and Computer Science		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Mr. Olsker holds a current Florida Irrigation Contractors Competency License #U-19247	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Olsker worked in the irrigation industry for thirty years. He owned an irrigation company for eighteen years, and he worked as an Irrigation Designer and Consultant for several landscape architects for twelve years.			

19. RELEVANT PROJECTS [Relevant Projects:]

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Various Projects (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Irrigation Installation -Roger Dean Baseball Stadium -Six Palm Beach County Schools -Legacy Place Retail Commercial -Frenchman's Reserve Community Irrigation Design -Jensen Beach Causeway -Legacy Place Retail -Jensen Beach A1A Road a. -RCA Center -Wellington Middle School -Martin County High School Transportation – District IV Irrigation Design - I95 HOV West Palm Beach (FM #231920-2) - I95 HOV Riviera Beach (FM #231920-1) -I95 HOV Jupiter (FM #406870-2) -CR-818 Griffin Road (FM #227708-1) -SR-5 Indian River County (FM #228583-3) -SR-811 Jupiter (FM #412600-1) -SR-5 Pompano Beach (FM #227391-1) -SR-845 Power Line Road (FM #228110-1) -SR-786 PGA Boulevard (FM #229898-1)		
(1) TITLE AND LOCATION (City and State) b.	(2) YEAR COMPLETED	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [] Check if project performed with current firm	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
(1) TITLE AND LOCATION (City and State) .	(2) YEAR COMPLETED	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [] Check if project performed with current firm	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
(1) TITLE AND LOCATION (City and State) d.	(2) YEAR COMPLETED	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [] Check if project performed with current firm	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
(1) TITLE AND LOCATION (City and State) e.	(2) YEAR COMPLETED	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [] Check if project performed with current firm	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Mitchel Walker	13. ROLE IN THIS CONTRACT Principal/Designer	14. YEARS EXPERIENCE	
		a. TOTAL 33	b. WITH CURRENT FIRM 25
15. FIRM NAME AND LOCATION (City and State) Masuen Consulting, LLC, Newport, WA			
16. EDUCATION (DEGREE AND SPECIALIZATION) -A.A. Criminology - Miami Dade Community College -B.S. Zoology - Humboldt State University -M.S. Construction Management - Florida International University		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) CID, CLIA, CGIA, CIC			


19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Jog Road Medians, Golden Lakes, FL	2020	
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Masuen Consulting provided a landscape irrigation engineering drawing for approximately 4,620 feet of medians with turf/trees, and palms. Also completed a consumptive use permit application and construction observation.	<input checked="" type="checkbox"/> Check if project performed with current firm	
Del Webb – Open View Road, Port St. Lucie, FL	2020	
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided irrigation design and construction observation.	<input checked="" type="checkbox"/> Check if project performed with current firm	
Veranda Becker Road, Port St. Lucie, FL	2018-present	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided irrigation design for medians, shoulders, and roundabouts. Also provided bid administration and construction observation.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	



Tab #1E Qualifications/References for Sub-consultant

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LICENSEE DETAILS

Licensee Information

Name:	CULPEPPER & TERPENING, INC. (Primary Name)
Main Address:	2980 SOUTH 25TH STREET FORT PIERCE Florida 34981
County:	ST. LUCIE
License Location:	2980 S 25TH ST FT PIERCE FL 349810000
County:	ST. LUCIE

License Information

License Type:	Engineering Business Registry
Rank:	Registry
License Number:	4286
Status:	Current
Licensure Date:	12/05/1985
Expires:	


Special Qualifications Qualification Effective

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Alternate Names

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LICENSEE SEARCH OPTIONS

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Search Results - 1 Records

Please see our [glossary of terms](#) for an explanation of the license status shown in these search results.

For additional information, including any complaints or discipline, click on the name.

License Type	Name	Name Type	License Number/Rank	Status/Expires
Engineering Business Registry	JOHNSON MIRMIRAN & THOMPSON, INC.	Primary	5917 Registry	Current

Main Address*: 400 COLONIAL CENTER PARKWAY LAKE MARY, FL 32748

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* denotes
Main Address - This address is the Primary Address on file.
Mailing Address - This is the address where the mail associated with a particular license will be sent (if different from the Main or License Location addresses).
License Location Address - This is the address where the place of business is physically located.

2601 Blair Stone Road, Tallahassee FL 32399 :: Email: [Customer Contact Center](#) :: Customer Contact Center: 850.487.1395

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9/20/23, 8:35 AM Related License Information [Print](#)


Licensee

Name:	HEARING, DONALDSON EDWARD	License Number:	LA0000943
Rank:	Registered Landscape Architect	License Expiration Date:	11/30/2023
Primary Status:	Current	Original License Date:	10/07/1983
Secondary Status:	Active		

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
	Current, Active	COTLEUR & HEARING INC	Landscape Architect	06/19/2020	Landscape Architecture Business Info	
	Current	COTLEUR & HEARING LANDSCAPE ARCHITECTURE, LLC DBA:COTLEUR & HEARING	Landscape Architect	01/27/2015	Landscape Architecture Business Info	

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LICENSEE SEARCH OPTIONS

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Search Results - 1 Records

Please see our [glossary of terms](#) for an explanation of the license status shown in these search results.

For additional information, including any complaints or discipline, click on the name.

License Type	Name	Name Type	License Number/ Rank	Status/Expires
Engineering Business Registry	ANDERSEN ANDRE CONSULTING ENGINEERS, INC.	Primary	26794 Registry	Current

Main Address*: 834 SW SWAN AVENUE PORT ST. LUCIE, FL 34983

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* denotes
Main Address - This address is the Primary Address on file.
Mailing Address - This is the address where the mail associated with a particular license will be sent (if different from the Main or License Location addresses).
License Location Address - This is the address where the place of business is physically located.

2601 Blair Stone Road, Tallahassee FL 32399 :: Email: [Customer Contact Center](#) :: Customer Contact Center: 850.487.1395

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This is a business tracking record only.
 Click here for information on how to verify that this business is properly licensed.

Licensee Information

Name:	ARDAMAN & ASSOCIATES, INC (Primary Name)
Main Address:	8008 SOUTH ORANGE AVENUE BELLE ISLE Florida 32809
County:	ORANGE

License Information

License Type:	Geology Business Information
Rank:	Business Info
License Number:	
Status:	Current,Active
Licensure Date:	12/08/1992
Expires:	

Special Qualifications Qualification Effective

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Licensee Information

Name:	WOJCIESZAK AND ASSOCIATES, INC. (Primary Name)
Main Address:	P. O. BOX 2528 STUART Florida 34995
County:	MARTIN

License Information

License Type:	Engineering Business Registry
Rank:	Registry
License Number:	30436
Status:	Current
Licensure Date:	09/16/2013
Expires:	

Special Qualifications Qualification Effective

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Alternate Names

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 Department of Business & Professional Regulation

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LICENSEE DETAILS

Licensee Information

Name:	SMITH, JONATHAN (Primary Name)
	MASUEN CONSULTING LLC (DBA Name)
Main Address:	6007 S NAPA ST
	SPOKANE Washington 99223
County:	OUT OF STATE

License Information

License Type:	Registered Landscape Architect
Rank:	Landscape Arc
License Number:	LA6667652
Status:	Current,Active
Licensure Date:	05/19/2023
Expires:	11/30/2023

Special Qualifications **Qualification Effective**

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Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

November 18, 2022

James Terpening Jr., COO
CULPEPPER & TERPENING, INC.
2980 South 25th Street
Ft. Pierce, Florida 34981

Dear Mr. Terpening:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
 - 3.2 - Major Highway Design

- Group 6 - Traffic Engineering and Operations Studies
 - 6.1 - Traffic Engineering Studies
 - 6.2 - Traffic Signal Timing

- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.3 - Signalization

- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection

- Group 13 - Planning
 - 13.5 - Subarea/Corridor Planning
 - 13.6 - Land Planning/Engineering

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. Your firm may pursue projects in the referenced work types with fees estimated at less than \$500,000.00.* This status shall be valid until November 18, 2023, for contracting purposes.

*Limit for FDOT projects only



Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

CBHK/kw



Florida Department of Transportation

RON DESANTIS
GOVERNOR

JARED W. PERDUE, P.E.
SECRETARY

June 12, 2023

Sergio Quevedo, Vice President
JOHNSON, MIRMIRAN & THOMPSON. INC.
2000 East 11th Avenue, Suite 300
Tampa, Florida 33605

Dear Mr. Quevedo:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 2 - Project Development and Environmental (PD&E) Studies
- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
 - 3.2 - Major Highway Design
 - 3.3 - Controlled Access Highway Design
- Group 4 - Highway Design - Bridges
 - 4.1.1 - Miscellaneous Structures
 - 4.1.2 - Minor Bridge Design
 - 4.2.2 - Major Bridge Design - Steel
- Group 6 - Traffic Engineering and Operations Studies
 - 6.1 - Traffic Engineering Studies
 - 6.2 - Traffic Signal Timing
 - 6.3.1 - Intelligent Transportation Systems Analysis and Design
 - 6.3.2 - Intelligent Transportation Systems Implementation
 - 6.3.3 - Intelligent Transportation Traffic Engineering Systems Communications
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.2 - Lighting
 - 7.3 - Signalization
- Group 8 - Survey and Mapping
 - 8.1 - Control Surveying
 - 8.2 - Design, Right of Way & Construction Surveying
 - 8.4 - Right of Way Mapping



- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection
 - 10.4 - Minor Bridge & Miscellaneous Structures CEI
 - 10.5.1 - Major Bridge CEI - Concrete
 - 10.5.2 - Major Bridge CEI - Steel

- Group 13 - Planning
 - 13.4 - Systems Planning
 - 13.5 - Subarea/Corridor Planning
 - 13.6 - Land Planning/Engineering
 - 13.7 - Transportation Statistics

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2024, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
156.43%	128.31%	0.200%	Reimbursed	No	5.44%	7.19%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator



ST. LUCIE WORKS

**Board of County
Commissioners**

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DISTRICT 1

Larry Leet
DISTRICT 2

Linda Bartz
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Vice Chair

Jamie Fowler
DISTRICT 4

Cathy Townsend
DISTRICT 5
Chair

Administration

George Landry
COUNTY
ADMINISTRATOR

Dan McIntyre
COUNTY ATTORNEY

September 18, 2023

Andersen Andre Consulting Engineers, Inc.
573 SW Biltmore Street
Port St. Lucie, Florida 34983

RE: Recommendation

To whom it may concern:

Andersen Andre Consulting Engineers, Inc. (AACE) has been providing Professional Geotechnical Engineering and Construction Materials Testing for St. Lucie County since 2006, through subconsultant contracts with Prime Engineers and through their existing Continuing Service Contract with St. Lucie County (awarded in December 2006). Projects have included roadways, drainage improvement projects, and others.

AACE's staff of engineers and technicians consistently demonstrate professionalism, efficiency, adherence to budget, and excellent technical abilities. I would not hesitate to recommend the services of Andersen Andre Consulting Engineers, Inc. to provide similar services for your entity.

If you have any questions regarding my experience with Andersen Andre Consulting Engineers, do not hesitate to contact me at (772)462-1813.

Regards,

Shannon Mieras, SLC Senior Project Manager

Public Works / Road & Bridge Division

2300 Virginia Avenue | Fort Pierce, FL 34982

(772) 462-1813

mierass@stlucicco.org

www.stlucicco.gov



BOARD OF COUNTY COMMISSIONERS
Public Works Department/Engineering Division
1801 27th Street, Vero Beach, Florida 32960



Telephone: 772-226-1283

FAX: 772-226-1371

September 15, 2023

RE: Reference for Andersen Andre Consulting Engineers, Inc.

To whom it may concern,

Indian River County has contracted with Andersen Andre Consulting Engineers, Inc. (AACE) continuously since 2015 for geotechnical engineering services. AACE is regularly contracted for Indian River County Public Works roadway and infrastructure projects for geotechnical and construction materials testing.

AACE provides prompt responses to requests for proposals, answering technical questions, having staff be present on site sometimes on short notice, and providing accurate detailed reports. Their expertise in the profession is appreciated as they provide suggestions to difficult situations with ease.

I am available for questions.

Sincerely,

Rob Skok
Infrastructure Project Manager
Indian River County Engineering Division
(772) 226-1931 rskok@indianriver.gov



9/19/23, 8:55 AM

Related License Information

Print

Licensee

Name:	SMITH, JONATHAN	License Number:	LA6667652
Rank:	Registered Landscape Architect	License Expiration Date:	11/30/2023
Primary Status:	Current	Original License Date:	05/19/2023
Secondary Status:	Active		

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
	Current	MASUEN CONSULTING LLC	Landscape Architect	06/16/2023	Landscape Architecture Business Info	



Ron DeSantis, Governor

Melanie S. Griffin, Secretary



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

CONSTRUCTION INDUSTRY LICENSING BOARD

THE IRRIGATION SPECIALTY CONTRACTOR HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

WALKER, MITCHEL A

INDIVIDUAL
642 YATES ROAD
NEWPORT WA 99156

LICENSE NUMBER: SCC131152141

EXPIRATION DATE: AUGUST 31, 2024

Always verify licenses online at MyFloridaLicense.com





MARTIN COUNTY BUSINESS TAX RECEIPT

2022 / 2023



EXPIRES: September 30, 2023

Account #: 20122751112

Honorable Ruth Pietruszewski
Martin County Tax Collector

Location: 9512 SW DUNCAN ST
Business Description: ENVIRONMENTAL CONSULTANT
Business Phone: 772545-3676
State License:

Business Name: HOBE SOUND ENVIRONMENTAL CONSULTANTS INC
Owner Name: WEIGT, ROBERT
HOBE SOUND ENVIRONMENTAL CONSULTANTS INC
9512 SW DUNCAN ST
HOBE SOUND, FL 33455

This receipt is a local business tax only. This receipt is in addition to and not in lieu of any other license required by law or local ordinance and is subject to regulations of zoning, health, contractor licensing, and other lawful authority.

Paid Date **07/06/2022**
Receipt Number
INT-21-00209278

Tax Amount	Transfer Fee	Sub-Total	Penalty	Prior Years	Collection Cost	Total Paid
26.25	0.00	26.25	0.00	0.00	0.00	26.25

Ruth Pietruszewski • Martin County Tax Collector

Website:
MartinTaxCollector.com

3485 SE Willoughby
Blvd. Stuart, FL 34994

Phone:
(772)288-5600

**To renew your Business Tax Receipt, visit our payment menu
at martintaxcollector.com.**

Contact our office by email at btdept@martintax.us if any of the following changes occur with your business:

- Business Name
- Ownership
- Physical Location
- Mailing Address
- Closing your Business

Dear Business Owner:

The law requires this business tax receipt to be displayed conspicuously at the place of business in such a manner that it can be open to the view of the public and subject to inspection by all duly authorized officers of the County.

Pursuant to Florida law, all Local Business Tax Receipts shall be sold by the Tax Collector beginning July 1 of each year and shall expire on September 30 of each succeeding year. Those Local Business Tax Receipts renewed beginning October 1 shall be delinquent and subject to a delinquency penalty of 10 percent in the month of October. An additional 5 percent penalty for each month of delinquency is added until paid, provided that the total delinquency penalty shall not exceed 25 percent of the Local Business Tax for the delinquent establishment. A \$250 penalty will be applied 150 days from the initial notice, plus collection costs.

Annual account notices are mailed on July 1 to the address of record at that time.

Regardless of amount due all receipts must be renewed or delinquent fees will apply.

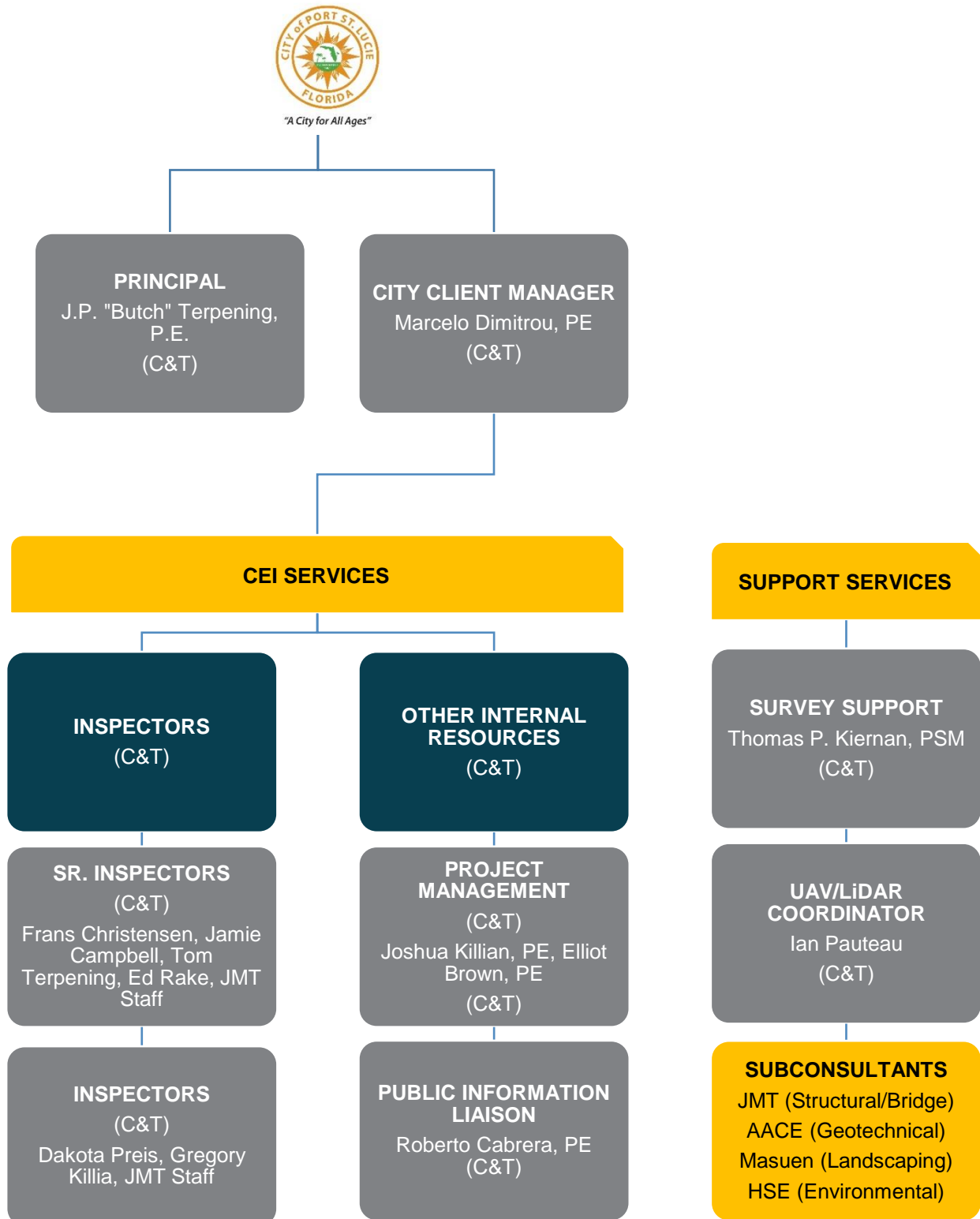
Do you qualify for an exemption? Visit our website <https://martintaxcollector.com/local-business-tax/> for details on Business Tax Receipt Exemptions. An application is required.

If you have any questions please contact our office at btdept@martintax.us or (772)288-5600.



Tab #1F Organizational Chart

For the City of Port St. Lucie Construction Engineering & Inspection (CEI) Continuing Services Contract, we propose the following team of C&T professionals to serve as the core project team. As specific project needs dictate, we will supplement this core team with other internal staff and external sub-consultants, for the particular issue or project.





Tab #2 Methodology/Approach

Methodology

The C&T team's fundamental methodology for the successful delivery of the City's projects encompasses the following three (3) major components:

- Strategic/Organizational Alignment
- Project Goals
- Communication Management Plan

Strategic/Organizational Alignment Work Structure Breakdown/Defined Roles

The C&T/AACE/HSE/JMT team has been strategically formed to allow the project goals to be achieved. Our key team members have extensive experience working collaboratively and have proven our ability to meet all goals on past projects. Our proposed team structure is as follows:

CEI Project Manager/Sr. P.E.	Marcelo Dimitriou, P.E.
Project Manager Support	Stef Matthes, P.E., Eliot Brown, P.E., Josh Killian, P.E.
Public Information Liaison:	Roberto Cabrera, P.E.
Senior Inspectors:	Frans Christensen, Ed Rake, Jamie Campbell, Tom Terpening, JMT Supplemental Staff
Inspectors:	Dakota Preis, Greg Killian, JMT Support
Geotech Engineer:	David Andre, P.E.
Environmental/Aquatics Consultant:	Bob Weigt

Project Goals:

- The goals for our CEI services on these projects are as follows:
- Deliver a quality product that meets all specification and plan requirements;
- Deliver the project on time;
- Deliver the project on budget;
- Deliver the project with minimal resident concerns; and
- Deliver the project with no ongoing maintenance concerns.

Plan Outline to Meet Goals:

- In order to meet the project goals, our team will perform the following:
- Perform full plan and site review prior to the commencement of work activities to identify any issues of concern that need resolution before they impact on cost or time.
- Assure advance review and resolution of encroachments and resident concerns; fully log the concerns, resolution and close-out of each item.
- Assure full photographic and video documentation of all existing site conditions and work progress.
- Provide competent, fully certified inspection and testing services to assure that the project is constructed according to plan, specification, standards and permit requirements.
- Utilize real-time daily reports, updated daily with geo-spatial photographs, to accurately and fully document all work efforts and to protect against delay and claim requests.
- Provide CEI project management services that will document and provide assessments to protect against change orders, claims and unwarranted time extension requests.
- Fully review the project baseline schedule and progress schedule updates to assure that the contractor has the needed logic and resources to stay on schedule; request adjustments to the contractor work plan as needed.
- Fully and accurately track all quantities to assure that accurate payment is being made for the completed work.
- Fully communicate with the City and contractor on all aspects; hold regular progress meetings.



- Hold pre-activity meetings with the contractor to assure that all necessary items, including shop drawings and permit requirements, will be met to avoid unnecessary delays or rework.
- Utilize the geotechnical engineer and environmental consultant as needed for any required expertise to assure that any field conditions encountered do not threaten the function of the final product.
- Review any field changes with the City staff to assure that they agree with the modifications and that the adjustments do not create any maintenance concerns.
- Request progress as-builts to confirm acceptability of work as project proceeds so that additional time is not needed for reworking at the end of the project.
- Ensure that all needed testing is being performed and the tests are passing so that additional time is not needed for rework at the end of the project.
- Ensure that progress as-builts meet requirements and assure that accurate final as-builts are provided.

As always, our objective is to provide the best possible value to the City. We have proven our flexibility and ability to stretch budgets on previous projects. Because we have other local projects, we have the ability to reduce staff hours when necessary.

Communication Management Plan

Our communication plan includes both communication between the CEI and City, as well as the general public.

- Team/Client Communication
- One point of contact each team
- Weekly or bi-weekly project progress meetings
- Public Information/Outreach Program
- Keep City's Project Manager fully informed
- Utilize City's website for information if desired by the City
- Hold citizens review meetings as needed
- Log, track, resolve and close out all public inquiries.

Firm's Work Plan and Project Plan

C&T's team of experienced construction professionals has successfully performed Construction Engineering Inspection (CEI) work for the City and surrounding jurisdictions for over 35 years. Our CEI team has extensive experience on inspection, administration and grant administration of roadway, sidewalk, storm-water, utility, parks and development projects.

Our approach to all CEI projects we engage in is fundamentally the same: to provide the highest quality of service with the clients' best interests in mind to ensure that the particular construction project being supervised is completed on time, on budget and which generates the lowest possible level of public complaint. Through our years of professional local practice, and taking into account our familiarity with the City, its organizational structure and expectations, we believe that our project team is the best qualified to provide you the services you require for your upcoming projects.

Our general approach to these types of projects is outlined as follows.

- Perform an initial plans & constructability review;
- Perform a Value Engineering/Cost Savings review (concurrent with initial plans review);
- Conduct a 'Ground Truthing' of Existing Conditions;
- Perform initial drone pre-construction topographic survey as a basis for earthwork quantity verification;
- Verify Geotech field conditions and considerations;
- Verify that all items to be constructed are properly reflected in the project plans and specifications;
- Assure off-site drainage consideration/potential impacts have been considered;



- Review all works proposed to take place within any public street rights-of-way in order ensure continued public accessibility through the construction period;
- Provide advance notice to residents and hold public information meetings, if needed, relating to pending construction activities;
- Be proactive; look ahead; stay on schedule;
- Address field modifications immediately on an as-and-when-needed basis. Some modifications may be done with simple field adjustments in real-time conditions, while others may require a more extensive engineering review, all of which is to be coordinated through the City's project manager;
- Assure environmental permit requirements are being met; and,
- Monitor and maintain control of any affected existing canal flows.

Field Representation And Communication

As a result of completing many successful projects within the City, we have an excellent understanding of what the City desires for services. The City wants a quality product, delivered on time and on budget, with minimal impacts to residents and stakeholders.

Our intent is to keep City Project Management staff fully informed of all matters, but at the same time minimize the time that City staff needs to spend on the project. We will keep the City informed via progress meetings, emails and phone calls as needed. We will always make the City aware of any scope changes, cost issues, time issues or resident complaints. We will always try to resolve minor problems that can be worked out in the field without the need for City involvement. Since you are paying for our services, you should not be doing our work.

Methods of Sharing Information/Communication

We will communicate with the City by various methods depending on urgency and scope of the issue. Communication and sharing of information may include the following methods.

- Telephone - We will make the City immediately aware of any safety concerns or urgent matters by tele-phone calls to the City project manger's cell phone, followed up by email.
- Email – We will document all pertinent information and make non-urgent communications to the City via email. We will follow up with additional emails or phone calls if responses are not received to assure that any information needed from the City is received in a timely manner.
- Daily Field Reports – Inspection staff will document pertinent information including date, contract day, work performed, crew size, equipment on site, installation quantities, weather conditions, and all other pertinent information on daily reports. Photos are taken with GPS coordinates that accompany the daily reports. We perform our daily reports in an automated Laserfiche Forms system. These are ultimately saved as PDF documents and can be sent to the city periodically. If desired, we can also allow the City to access the appropriate Laserfiche folder.
- Daily Update Email – To keep the City project manager up to date on a daily basis of work progress, we provide a daily email update. This gives an easy to read snapshot of the work performed on that day, along with photos. This is typically provide on the same day or by the next morning.
- Large file Sharing – We use a Sharefile system to share large files with the City. This includes aerial photos, video or any other files that cannot be readily emailed due to file size.

With regard to contract administration, we will review and assess any cost or schedule issues with the contractor before recommending or discussing these with the City to obtain concurrence.

With regard to coordination with FDEP staff, we have extensive past experience on similar-type projects requiring FDEP and SFWMD consideration and coordination. We understand what is required under the issued agency permits and responsibilities of the City to ensure compliance with those permits. In order to ensure consistent communication between the City and the State permitting agencies, we will ensure



that the City is aware of any communication affecting the project scope or work activities that the CEI has with these groups or agencies.

Communication with the contractor will be on a daily basis in the field. We will follow-up any direction with written email correspondence. Progress meetings will be used as a means of reviewing all outstanding items and ensuring the contractor is aware of all issues. All pertinent discussions and directions will be documented in daily reports, in correspondence, and in meeting summaries.

Adjustment to Project Issues and Schedule

Our goal is to keep the contractor on schedule. We intend to accomplish this by the following means:

Proactive Review: C&T believes in a proactive plan and site review process before the start of construction. We'll continually review the project plans and site conditions to identify any issues that may jeopardize the project schedule or result in added costs. There're several items that often need to be reviewed further.

Scheduling pre-work meetings prior to the commencement of major project activities allows us to be proactive by anticipating and resolving problems before they can impact the schedule or result in additional costs. We track submittals and RFIs closely while actively pursuing outstanding items to expedite project progress. We will work closely with the EOR and Contractor, while protecting the City's interests at all times. Our goal is to facilitate efficient project progress in order to meet your budget and schedule expectations.

This minimizes any delays related to plan issues or unforeseen field conditions. It includes a thorough review of any right-of-way encroachments so that those issues can be resolved with the property owners prior to commencing work in order to avoid unnecessary delays.

CPM Schedule – We will thoroughly review the schedule to assure that it's realistic and does not open opportunities for delay claims. We'll assure that the material lead times are reasonable and that any needed shop drawing review times are included. Beyond this, we'll ensure that the critical path is appropriate and that activities are not set up to maximize zero float activities that may result in delays. We'll closely review critical items such as noise and vibration monitoring to avoid delays. Our staff has experience in utilizing CPM schedules for claims analysis. Non-pursuit days will be thoroughly documented to protect against unnecessary time extensions. Weather days will also be evaluated to ensure critical items are not impacted more than 50% of the day.

Schedule updates – We will require and carefully review monthly schedule updates so they are accurately progressed and to assure that unauthorized logic changes haven't been made.

Survey and Field Modification Ability - Oftentimes, unforeseen utility or design issues can cause delays. We have proven on past projects that we can keep a project moving forward and on schedule by performing surveys with our on-site inspection personnel and preparing field plan modifications "on the fly" to avoid costly delays. (Many consultants are not willing to take this risk.) We're willing to take the risk for the City and have many previous occasions of success.

Pre-activity Meetings – We will hold pre-activity meetings ahead of planned work activities to review the requirements and specifications with the contractor, review permit requirements, and to ensure that all needed shop drawings have been submitted and approved. This eliminates the need to halt work because certain items are not in place.

Weather Days and Time Extensions – We will accurately document impacts of inclement weather and recommend time extensions only if there have been genuine impacts to critical path activities that affect



the overall project completion date. Similarly, we will closely review any time extension requests to assure that they are supported by the approved CPM schedule. Our objective is to keep leverage on the contractor and add time only if it is legitimately merited.

Non-pursuit Days – We will document any contractor non-pursuit days so that those days can be used as a basis for negotiation of any bad-weather days or requested time extensions.

Staging – We are prepared to assist the contractor in identifying staging areas in close proximity to the work area that will help to make the work more efficient and expedite the schedule. We have identified some potential locations and would review this with the City and contractor prior to construction.

We are committed to the future of the City.

We look forward to the opportunity to further address our experience, capabilities and our ideas for providing Professional Engineering Services to the City.

Our team will proactively address these important challenges to keep the projects on budget and on schedule:

Our team is adept at the critical aspects that are needed for successful projects in the City, including:

PSLUSD - Our staff has extensive experience and is adept at inspection and turnover of PSLUSD water and sewer facilities, including pigging/flushing, pressure testing, chlorination, bac-t sampling, turnover packages and lift station start-ups. We understand that 18" of clearance is desired at all conflict locations and 10' separation from trees. We will work to achieve the PSLUSD specifications and make the PSLUSD representative aware of any areas of concern.

LAP Experience – We have extensive LAP experience on both on-system and off-system projects. We have successfully administered and inspected LAP projects for the City. These projects were properly documented and closed out quickly with no issues. We understand the requirements for materials certifications, Buy America, and the needed EEO support services including labor interviews, OJT documentation and bulletin board inspections. We have the ability to perform verification testing and utilize the MAC system for on-system projects. We fully understand that FDOT buy-in is needed for any adjustments to the work. We have excellent ongoing working relationships with Chloann Lawrence, Diego Velazquez, Frank White, Mary Ann Hataway and Wanda Cordoba.

Grant Reporting - We understand the importance of grant funding and the needed reporting on certain City projects. We have experience in grant reporting, including for FDOT, FDEP and SFWMD grants, and will provide accurate documentation on our field reports, quantity backup, and progress reports to assure no reimbursement issues. We have performed more LAP projects in the area than any firm.

Quality - We will work to assure quality and long service life of the constructed facilities through careful inspection and testing. We will also strive to assure that construction is completed so that the final product has ease of maintenance. This may include assuring reasonable slopes, targeting 4:1, for mowing, trying to eliminate handrails by grading drop-offs if ROW allows, eliminating small areas of sod between concrete features, etc.

Pay Quantities – We carefully track unit price pay quantities with verifiable backup that is acceptable for grant documentation and that will assure that the City only pays for work what is actually installed. Tracking of earthwork quantities can be problematic without the proper methods and equipment. We assure that earthwork quantities will be accurately tracked and documented by performing pre and post construction drone topo.



Schedule – We will assure contractor’s baseline schedule has correct logic and reasonable durations, and is not set up to fabricate claims and time extensions. We will carefully review the monthly schedule up-dates and work with the contractor on a recovery plan if the schedule falls behind. We will assure that any time extensions are only granted based on a valid schedule analysis.

Public Relations – We understand that many of the City’s facilities abut business or residential areas. Our staff understands the sensitivity and will guide the contractor to perform work in a courteous and safe manner. This includes anything from scheduling driveway pipe crossing during off hours to simply providing notice that work will take place adjacent to their facility. Dust control and sweeping of roadways is a critical item on earthwork projects. We will also have discussions with the City project manager if there are any field adjustments that can be made to better serve the property owners. We can also work to avoid removal of specimen trees, if desired. Our goal is to minimize complaints and provide the best product possible. We have proven in the past, on projects such as EWIP, Floresta and City Wide Water Main Replacement that our staff has the ability to provide notifications; take, log, resolve and close-out resident concerns; resolve property issues; and keep the City fully informed. We typically work closely with the City’s Public Information Officer (PIO), but can provide a supplemental PIO if the City desires.

Testing & Geotech - We will work with our geotechnical subconsultant, AACE, to assure required densities are achieved, as well as to confirm slope stability and review any seepage concerns. AACE will also perform soil classification to assure that soils are acceptable for intended use such as berms.

Environmental Aspects and Plantings - We have FDEP certified stormwater inspectors that will continuously review the site condition with regard to the project Stormwater Pollution Prevention Plan to assure that conditions and the best management practices devices such as silt fence and turbidity barrier comply with permit requirements. Our inspectors also have turbidity meters to obtain discharge turbidity readings to assure compliance with permit requirements. We will work with the contractor and SFWMD staff to assure that dewatering permits are in place and requirements are met. Our staff also has the ability to identify endangered species. If we see concerns related to endangered species, we will request services from our environmental subconsultant, Hobe Sound Environmental (HSE), to assure that proper protocols are followed. We can also utilize HSE for expertise on aquatic plantings and littoral areas.

Project Coordination/Communication/Meetings:

Throughout construction, we will arrange and conduct progress meetings with representatives of the prime contractor, subcontractors, utility companies, the City, Department personnel, and any other agencies involved in the work. Our Project Administrator will prepare and distribute an agenda prior to each meeting. Meeting minutes will be kept and issued to all attendees promptly after each meeting. Agenda items will include review of work progress, review of look ahead schedules, contractor submittal status, CPM schedule review, utility coordination, environmental coordination, work orders, safety, design interpretations/changes, MOT review, and general discussion of any issues relevant to the project. Discussion will focus on current progress, adherence to contract requirements, coordination between concerned parties, upcoming activities, and unresolved issues. We’ll conclude each meeting by identifying issues demanding follow-up attention, and designating responsibility for action and due dates for completion. We will monitor unresolved issues closely and pursue their resolution. The goal is to keep the project moving with acceptable quality and needed documentation.

Proactive Approach - C&T’s proven, proactive approach to CEI services has previously resulted in real dollar savings to the City and its residents. With all our projects, we conduct detailed pre-project field inspections of the construction corridor/site with an eye towards assessing the existing site conditions, ensuring that the design assumptions in the permitted plans will indeed work and are constructible. If we find items of concern, we will report these to the City’s Project Manager and provide recommendations.



Claims Avoidance - The most effective means of dealing with claims is to recognize the potential for their occurrence early in the project, and do what is necessary to avoid them. The following is a list of activities our team will utilize to reduce, eliminate or mitigate claims: 1) continuous review of plans, specifications, and project site prior to each construction phase; 2) continuous review of the contractor's submittal schedule; prompt response to all correspondence; 3) ongoing photographs of progress; 4) written follow-up of verbal direction the same day; 5) maintaining video and photographic record of pre-existing conditions, MOT phase changes, and special construction operations.

Change Orders - Change Order reviews will be thorough, but fair. We will thoroughly review and analyze all change order requests. We will guard the Department's money as if it were our own. However, at the same time we will recommend payment of legitimate requests at fair, documentable, prices to encourage partnering and ultimate cost savings for the overall project. Our staff has extensive experience in change order and claims review. We will assure fair and timely negotiation of any potential issues related to cost or time.

Maintenance of Traffic - Safety is of highest priority. Our staff will assure that the approved Traffic Control Plan or appropriate Standard Plan is being followed. If there is a going to be a deviation, a signed & sealed alternate TCP will be needed. We will review and video the initial set-up and drive the project daily to assure no issues exist. If issues are noted, we will request immediate correction. If the contractor does not correct the issue we will notify the City and depending on the severity, production work may be shut down until the issue is resolved. We will also assure that resident driveway, business access and pedestrian access is in place as required by contract. We will assure that flaggers being utilized have proper training credentials. We will assure that the typical minimum 2-week notification is provided for phase changes and road closures. We will review placement of all required signs and request additional signs if needed. We have administered several special detours with the City and understand what is needed. We will not allow traffic to be diverted unless all requirements are met. Our Sr. Project Engineer will personally review each MOT phase set-up in addition to our qualified Inspectors.

Safety - We fully understand that the City is extremely concerned about safety on all of its projects. Some consultants shy away from safety items due to fears of increased liability. Our team understands that the City expects us to provide input on safety concerns, including those associated with MOT, trench safety and confined spaces. Our team members have appropriate OSHA and MOT training. Our team is not afraid to assess safety and if there are any safety issues on the project, we will bring them up to the Contractor, and if necessary the City Project Manager. The vast majority of the time, the contractor will address the issue. If the issue is not addressed, we will discuss with the City, shutting down all production activities until the issue is addressed.

Best Value - We have proven on past projects that we bring the best value to the City. We pride ourselves on the added-value services that we typically provide to the City at no added cost. Some added value items include drone aeriels, drone earthwork quantity analysis, GPS survey equipment available to inspection staff, and ability to work part-time hours if desired.

Flexibility of Staff - We have flexible availability of staff. As a local firm with ongoing local projects, we have the added capability of adjusting staffing levels based on the requirements of the project at the time. When the level of manpower required is reduced, we can usually reassign and when high, we have a sufficiently large pool of staff to draw from. While manpower priority has always been given to City projects in the past, this flexible approach to manpower levels reduces the overall CEI cost without negatively impacting on the project schedule

Key Technical Items for these projects may include:

- Advance review and coordination with the residents to identify and resolve any encroachments that may be in conflict with construction.



- Early plan review and site review to identify and resolve any issues before they impact project cost or time.
- Careful review of any proposed temporary bypass or flow control needed to assure there will be no flooding concerns, environmental concerns, or other impacts on the residents.
- Assure that any dewatering pumps are shielded to prevent noise issues for residents.
- Provide competent inspections to ensure that all elements of the work are installed to the plan and specification requirements.
- Ensure that project “housekeeping” and final restoration are acceptable for a residential neighborhood.
- Provide geotechnical expertise, if needed, to address any slope stability or other related concerns that may arise during the work.
- Tree preservation – We’ll review saving of native trees if the City desires. We will require the contractor to place safety fencing around the drip lines to prevent damage during construction.
- Vibration Monitoring – Due to close proximity to homes, we discuss with the City the possibility of having AACE perform vibration monitoring to protect against claims. If vibration issues are evident, we will request that the contractor static roll for compaction.
- Construction traffic on neighborhood streets – There may be significant truckloads of excavated material or fill brought onto the projects as well as deliveries of pipe, sod, rip rap and other items. This will be tremendous amount of truck traffic in neighborhoods. We can identify some undeveloped lots that could be secured to help lessen the impacts.
- Soil Tracking and Dust Control – These will be critical aspects in a neighborhood. Our staff will assure soil tracking devices are maintained and the roadways are being swept as needed. A water truck or other means of keeping down dust will be required in dry conditions.
- Storm Preparation Plan - We will require that a storm preparation plan be submitted by the contractor. We will carefully review it to assure that no flooding will occur during a storm event. We’ll monitor the field work at the end of each day checking for flooding issues if significant rain events occur when the contractor is off-site.
- Review permits to assure all required permits are in place, including SFWMD ERP, dewatering permit, etc. Assure that a gopher tortoise survey has been performed and that there are no wildlife issues.

Inspection of Quality of Work is a priority ensuring the City accepts a low maintenance project with a long service life.

Some critical inspection aspects for these projects may include:

- Assuring all work is performed within the right of way or dedicated easements;
- Assuring sufficient preconstruction photographs and documentation is obtained;
- Performing material inspections to assure all materials meet specifications and are not damaged;
- Assuring de-mucking is properly performed before installation of structures;
- Assuring soil type, lift thickness, and density requirements are met;
- Assuring that pipes are installed at proper slopes, assuring pipes are properly homed and wrapped with filter fabric;
- Performing pipe inspection by walking through pipes, by drone and/or by video to assure gaps meet tolerances, alignment is acceptable, and there are not defects.
- Assuring pond slopes meet plan requirements, including maximum slope;
- Assuring top of bank elevations are met along the entire perimeter,
- Assuring soils utilized are appropriate for berm construction,
- Assuring correct geotextiles is utilized for rip rap or other revetment systems and is anchored in accordance with the plans;
- Assuring proper slopes and bedding stone are utilized, thickness is met, and assuring use of ditch lining or bank & shore rip rap as appropriate.
- Confirming reinforcement and concrete mix and quality prior to placement for spillways, caps, etc.



- Assuring bentonite or slurry walls have required toe elevations, thickness, top elevation, alignment and mix;
- Assuring sheet pile weir installation has required tip elevation, plumbness, alignment;
- Assuring water gates are properly installed and open and close properly;
- Requesting and reviewing progress as-builts to assure work is proceeding in accordance with the plans;
- Holding pre-work meetings and obtaining accurate look ahead schedules so that notifications can be made accurately and timely;
- Assuring MOT is appropriate and to standards if working adjacent to vehicular or pedestrian traffic;
- Assuring that environmental BMP devices are in place, in good condition, and comply with the SWPPP;
- Obtaining turbidity readings daily and NPDES stormwater reports weekly and after 0.5" or greater rain events;
- Checking sidewalk running and cross slopes in ahead of and after concrete placement to assure ADA compliance;
- Checking roadway cross slopes in advance of and after paving;
- Assuring subgrade is stable prior to proceeding with base rock for roadway base or concrete for driveways or sidewalks;
- Assuring thickness is correct for subgrade, base, asphalt, and concrete placement;
- Assuring pipe installation in on a stable surface, pipes are properly homed, wrapped with geotextile and backfilled in 6" lifts assuring compaction under haunch areas;
- Assuring all testing including density, LBR and concrete breaks have been obtained and meet requirements;
- Assuring utility installations have advance material inspections, meet QPL requirements, and installations meet PSLUSD specifications;
- Assuring requires clearance, separations, joint locations, restraints for water & sewer lines;
- Assuring 10' separation form utility mains to trees;
- Assuring 5' hydrant clearance to above ground objects, 2' clear to edge of sidewalks, and proper set back from EOP;
- Assuring proper fit-up for mast arms;
- Assuring proper placement of pedestrian push bottom, within 0' of EOP at curb ramps.

OTHER CONSIDERATIONS:

FDOT Requirements for On-System LAP Projects:

For On-System LAP projects that will be maintained by the FDOT upon completion, FDOT acceptance will be a primary focus throughout the construction process. We understand that full FDOT specifications would be utilized, including asphalt composite pay factor, thickness adjustments, fuel adjustments, etc. There will be weekly focus on review of the density log books, MAC data, and resolution of any outstanding items. Full quantity documentation will be on file, along with an up to date record drawing mark-up plan set. We will carefully review the Contractor's quality control plan. We understand that the CEI will perform verification testing.

Final Estimates:

Although these LAP projects would not have a standard FDOT Final Estimate, we will be sure to follow the Contract and specification requirements for payment. This includes thickness adjustments, asphalt composite pay factor, fuel adjustments, etc. We will make that all necessary backup documentation is on file and that plan matrices are properly filled out. We understand that the process Starts on day one of the project. We understand that if plan conditions change or if unforeseen work is involved, we will



need to appropriately negotiate and document the issues for supplemental agreements and work orders. The Final Payment documentation will not be an issue on this project. We understand that an audit is likely to occur.

Materials Documentation:

We understand that materials documentation is an ongoing process from Start to finish. Our approach will be to thoroughly review the Job Guide Schedule and make sure that it is updated as needed as work progresses. We will assure that all APL items are verified and appropriate certificates of compliance are obtained for required items. We will track material status in MAC weekly and notify the contractor that materials will not be paid until needed certifications are provided. Documents will be scanned into EDMS as needed. The density log book will be reviewed every two weeks to assure that no information is missing. Our team will also assist the City by performing inspections at fabrication facilities so that precast products may be stamped with the “PSL” stamp prior to shipment to the project site.

Quality Control Approach:

Through experience, we have learned that although this project is CQC, it is our responsibility to assure that proper testing and documentation is being performed for the project. We will assure that all work aspects are properly documented through the following means: 1) Provide inspection personnel who understand the testing and sampling requirements; 2) Assure that all necessary verification testing, samples and reports are up to date; 3) Hold pre-activity meetings with the Contractor and QC personnel to assure that they understand the specifications and testing requirements; 4) Provide a thorough review and assistance to the QC personnel during creation on the density log book; 5) Perform weekly reviews of Contractor inputted data to assure all information has been properly entered in the MAC system; 6) Assure that any failures are resolved or retested quickly so that they do not become impact closeout or material status; 7) Assure that all equipment has current calibration certifications; 8) Assure that the QC Manager, and no other personnel, performs QC Manager required functions; 9) Assure that products are on the current, up to date APL list; 10) Meet with the Materials Office regularly to assure that there is agreement on material status as work progresses.

Handling Field Changes as CEI:

When addressing Field Changes, it is important to make a differentiation between what is a Field Change and what is a Change Order. Field Changes are those minor adjustments to a project design or construction method that is required to address a particular condition discovered through the actual process of construction. As talented and experienced as most project designers are, no one can fully anticipate all localized site conditions and circumstances until construction actually starts. At some point in most all construction projects, a little omission in the plans or a specific site condition will require a minor degree of Field Change from the approved plan sets.

When previously unknown, missed or changed conditions emerge, during the process of construction, the CEI, as the agent for the owner, is usually the first responsible party to be apprised of the situation. Culpepper and Terpening’s (C&T) approach to these situations is to have our experienced field inspectors immediately assess the level of conflict with the approved plan set and advise both the CEI Manager and the City’s Project Manager of any potential issues, and at that time provide an initial recommendation on how to address the issue will be given. If the conflicts are deemed minor, and after consulting with the City Project Manager, the contractor will be directed to make the necessary field adjustments to overcome the particular issue. In most cases, minor Field Changes or adjustments will have little or no impact on the overall project schedule or budget.

An example of a minor Field Change condition that C&T has experienced several times is maintaining adequate ADA compliance with local sidewalk construction. On more than one occasion over the last several years, we have found that it is sometimes necessary to make minor variations to the approved plan sets in order to ensure proper slope conditions along the walkway and adjacent drainage slopes.



Our experienced field staff brings not only construction inspection experience to our projects, but also extensive survey and design expertise that allow for these conditions to be addressed, often proactively, so that both project schedule and budget maintained.

For those situations where a requested Field Change is deemed to be something other than a minor action, work in the particular area to be impacted will be suspended, fully assessed and a cost proposal will be obtained from the contractor prior to any authorization to proceed with the work. If the noted conflict cannot be addressed through a minor field adjustment, and depending on how the CEI Services Contract is structured, the City's Project Manager will be requested to consult with the design engineer for the project to review the proposed method for correcting the noted conflict. The CEI will be available to consult with the City Project Manager and if necessary, the Design Engineer in developing other alternatives to addressing this situation.

Depending on the severity of the previously unknown, missed or changed condition, construction activities may need to be suspended until the matter is resolved. In those instances, the contractor will be directed to work on other parts of the particular project not impacted by the previously unknown, missed or changed condition if the work can continue around the particular identified condition without disruption to the overall project. We will assure that the contractor mitigates any delays to the greatest extent possible.

Our primary objective, as the owners Agent, is to be proactive and keep the project moving forward. If items are discovered during this review, we have resources available to respond and address the issue rapidly. We can review any proposed adjustment with the City and issue a plan modification quickly to keep the project moving forward without delay. We have previously proven this ability on numerous projects for the City, including a recent Citywide sidewalk improvement project where we provided field assessments; prepared plan sets and moved forward with the successful/timely construction of a portion of the project where no design plans were available. This was all done as an added value to the City as part of our CEI work.

Should Field Changes be required, all changes will be documented by the CEI and reported to the City Project Manager. During construction, our inspector(s) will sketch, or otherwise document, pertinent information associated with the Field Change. The inspector will typically use a tablet and take photographs for use as further documentation. This information is then passed to the CEI who provides it to our staff surveyors for reference in preparing the record drawings for the project.

At Culpepper and Terpening, we recommend using a 'rolling' record drawing approach during the construction process. This rolling approach allows for the early identification of any potential conflict with the approved construction plan and an easier documentation process of all areas of field change. In the unlikely event that major project redesigns are required as result of a discovered condition, this rolling record drawing approach allows for documentation for the City to use in any manner it sees appropriate.

Unique Accomplishments in Previous City CEI Contracts:

Culpepper & Terpening, Inc. (C&T), has the most extensive Construction Engineering and Inspection (CEI) experience of all local area firms in the City of Port St. Lucie and St. Lucie County. At C&T, we take pride in our expertise and attention to detail in providing our clients with a thorough examination of all project plans and specifications prior to and during construction in order to identify any quality control or project savings issues.

As a full-service firm, we provide in-house survey and project management expertise with cross-trained personnel available for all CEI projects. Our staff is fully trained and certified in LAP design and project reporting requirements. Through timely and effective use of our experienced inspectors and support



staff, we have had all of our LAP projects completed on time, on budget and in compliance with all follow up state (FDOT/FHWA) inspection and audit standards.

C&T's proven and proactive approach to CEI services provides real dollar savings to the City and its residents. At C&T, upon award of a CEI services contract, we conduct detailed field inspections of the construction corridor/site with an eye towards assessing the existing site conditions to make certain that the design assumptions in the permitted plans will indeed work and are constructible. If we find items of concern, we will report them to the City's Project Manager and provide recommendations. With the approval of the City Project Manager, we will coordinate with the project's Design Engineer to make any necessary modifications prior to the commencement of construction.

For example, Culpepper & Terpening, was awarded a CEI contract associated with the replacement of a failing primary water main along SW Bayshore Boulevard. When we submitted our proposal to the City, and before we were even shortlisted for this project, we conducted a thorough review of the project plans and construction details. In that review, we identified a series of potential adjustments that, if implemented, could save the City approximately \$130,000 in overall project costs. While not all of the suggested actions were pursued by the City, several of them were and after this project was completed, the City confirmed program savings of approximately \$119,000, based on the changes made per our recommendation.

In 2010, the City of Port St. Lucie awarded Culpepper and Terpening a CEI inspection contract for works associated with the construction of SW Village Parkway from SW Tradition Parkway to SW Becker Road. Utilizing our proactive Value Engineering process, we identified and developed a series recommendations that were accepted by the City resulting in changes to the roadway drainage system that saved approximately \$160,000 on overall construction costs.

C&T was awarded the CEI contract associated with the construction of the new Canal Park, along the C-24 waterway. C&T worked closely with the City of Port St. Lucie to make certain field changes that were determined to be needed in order to improve the project. These changes, that would typically require survey and design involvement, were made in the field, taking advantage of the broad institutional expertise of the C&T team. The changes included addition of several hundred feet of sidewalk, corrections to sidewalks and ramps to achieve ADA compliance, drainage relocations, grading adjustments and adjustments to the boat ramps. C&T also worked with the City to reduce quantity overruns that could have resulted in significant additional costs to the project.

In 2014, C&T was awarded a contract for various sidewalks at locations throughout the City. During this project, additional work was added to the CEI services program to address a section of planned construction where no design plans had been provided. C&T's CEI staff worked directly with the City to collect survey information, select an alignment, prepare plans adequate for construction, and then directed the work in the field to complete this 'missing' segment. The willingness of C&T to perform this work at no cost to the City above the allocated CEI budget resulted in substantial cost and time savings to the City. Additional savings were realized through the effective utilization of existing unit prices with the ongoing construction contract. We estimate that the realized savings to the City were in the range of \$50,000.

C&T has also saved the City significant costs by performing 'pro-bono' work on several City improvement projects, including the recently constructed Community Transit/Port St. Lucie Inter-modal Transfer Facility. On this particular project alone, C&T provided survey, design and CEI services valued at over \$100,000.

Culpepper & Terpening (C&T) has been providing CEI services to the City for over 25 years. We have partnered with the City on some of the most important projects that have transformed the City to where it is today. These projects included the City's Citywide Water and Sewer Expansion, Crosstown Parkway,



and City Center. We do not view City work as being “fill-in” work like other more regionally focused firms may. We value the City as one of our longest and trusted clients, for that reason, we take pride in our commitment to do what it takes to deliver the best possible services and value to the City. To reach this objective, the following is a brief summary of how we achieve this:

Added Value

Many CEI firms only provide straight observation of construction due to concerns about liability. In contrast, C&T has proven its ability and willingness to provide added value services to the City, at no additional cost, on numerous projects throughout the Community. We conduct constant Value Engineering during the construction process. If we find items of potential concern, we report to the City Project Manager our concerns and recommendations. With the approval of the City Project Manager, we will coordinate with the Project’s EOR to make any necessary plan modifications prior to construction so that the contractor will not do unnecessary work or work that will need to be modified to address specific local conditions.

Full Service Capabilities

C&T has the ability to provide our clients with full service capabilities from a single location here in St. Lucie City. This is a distinct advantage for the City. We have experienced instances when whether due to plan errors, omissions or other factors, another discipline other than the CEI is needed to be involved in the construction phase of the project. C&T has the ability to provide these services in a timely and cost-effective manner directly from our headquarters here in St. Lucie City.

Local Knowledge

Culpepper & Terpening has the most local knowledge. During our 25+ years providing service to the community, we have acquired vast historic and archival knowledge of the community’s infrastructure along with the needs of the local businesses and residents. Over the past years, C&T has had the opportunity to expand our already extensive library of previously completed surveys, project designs, and inspection data through the acquisition of several small companies in the area. We take pride in the fact that we have maintained long standing relationships with the local permitting agencies and area property owners that oftentimes facilitate our CEI work.

Understanding of City Needs

C&T understands that the City faces constant pressures on its limited budget for capital and rehabilitative projects. We understand what is and is not important to the City from a CEI standpoint. Providing CEI work for the City is different than performing CEI work for FDOT. For example, unless it is a LAP, or similar type of project, we will not waste project budget on filling out superfluous and unnecessary forms that may be required for a FDOT project, but not for a City funded project. We wisely use the available budget to assure the provision of a quality product; provide safety & proper MOT; minimized any complaints from the public; provide accurate quantity & cost tracking, and implementation of any necessary field changes in a manner to provide the best possible product. We understand that providing these critical items is often a far more important use of limited resources than filling out forms that are not needed. But, to be clear, thorough project records and documentation are a priority we provide the City in order to avert any potential claims and protect the City’s interests.

Understanding of Maintenance Requirements:

C&T understands that once a particular project is completed, the City will be the entity responsible for its maintenance for many years to come. It is always our goal to provide the City with a completed project that provides for the longest possible service life, without anything other routine maintenance being required. Typical adjustments that we make in the field include assuring that side swale slopes and other slopes are easily maintainable. Wherever possible, we attempt to provide a 4:1 slope. If conditions don’t allow and slopes need to be less than 3:1, we will review other options with the City. We also proactively seek to prevent erosion issues at pipe outfalls, end wall corners and other areas susceptible to such actions. Solutions for this condition typically include enhanced slope protection, rip rap and/or grading



adjustments. Another important item that we look for is assuring that a roadway or other vehicle use area will not be compromised by water issues causing base or pavement failures. On previous projects (both for the City and others), we have suggested and implemented edge drains or black base in critical areas to prevent future ongoing maintenance issues.

Direct Material Purchase by the City:

Recognizing that all publicly financed projects have fixed or limited budgets, in order to save the City unnecessary Sales Tax expenses with the acquisition of construction materials, we use the Direct Material Purchase approach. On past projects, this approach has saved the City thousands of dollars on pipe materials, light poles, and mast arms.

Accurate Field Measurements of Unit Price Items:

We accurately measure and thoroughly document all unit price items with the Contractor to be sure that the City does not pay full plan quantity costs, if the material is not required for the project. Our thorough documentation of unit price items on the City's SW Village Parkway project produced savings on the final pay requests from several specialty subcontractors, resulting in significant budget savings. Our site inspectors field measure and keep accurate quantities in a field book and plan matrix that is reviewed prior to authorizing the individual pay requests.

Use of Performance Based Lump Sum Items:

Where appropriate, we have previously suggested that the City make full use of Performance Based Lump Sum items in developing a bid tab or change order item (when change orders are deemed to be validly warranted). For example, using a performance based lump sum item for NPDES compliance takes away opportunity for the Contractor to claim that specific pay items devices are not working, and request additional compensation for alternate measures. Detailed tracking of all potential change orders, or claim work, allows us to keep an accurate basis for negotiating costs if these items become issues. By keeping detailed records of what it actually took to do the work, we have found it to be an effective tool when having to negotiate down an overzealous change order or claim request.

Thorough review of all Plans, Contracts, and Associated Documents:

At C&T we thoroughly review all Plans, Contracts, and associated documents in order to ensure that extra work is in fact 'extra' prior to recommending authorization for any particular change order request. Oftentimes, required project items are tied into referenced documents such as the Design Standards or MUTCD, negating any entitlement for a change order request. We will closely review all associated documents prior to agreeing to change orders.

Spot checking:

In order to ensure the contractor is keeping to plan details and construction specifications, critical elevations and conflicts are 'spot checked' ahead of time with our CEI team to avoid design issues requiring unnecessary rework and schedule delays. On a recent project, these spot checks identified unforeseen drainage issues in a particular area prior to the commencement of site work in that area. This 'early alert' allowed time for the City to make modifications in the field prior to construction activities in the impacted area.

Schedule review:

We maintain a diligent review of the contractors' schedules, and provide continuing comments for the City to assure that any requested added time for extra work or other issues is indeed warranted. We understand that time is money to both our clients and the contractor and we closely monitor the project to keep it on schedule.

Public Interface /Complaint Resolution:

C&T has the ability to effectively track, respond and close-out any complaints from residents and businesses quickly, and usually at the staff level. We have proven our success at public interface on the



most sensitive of projects, including the recent PSLUSD water main replacement project that included the installation of 40-miles of replacement water mains, including open cut installations and driveway crossings on literally hundreds of homes, with only a minimum number of complaints.

Invested in PSL

Culpepper & Terpening is the largest, truly local, firm in the area. We are deeply invested in the community. We have a local headquarters here in St. Lucie County with the vast majority of our employees living in the City of Port St. Lucie, St. Lucie County or northern Martin City. All of our employees are full time employees, not contract or 1099 hires.

REMAINDER OF PAGE HAS BEEN LEFT INTENTIONALLY BLANK.



Tab #3 Certified Minority Business

The Women's Business Enterprise National Council (WBENC) is the largest independent certifier of women-owned businesses in the U.S. and a leading advocate for women business owners and entrepreneurs. WBENC Certification validates that a business is at least 51 percent owned, controlled, operated and managed by a woman or women. WBENC's certification standard is accepted by more than 1,000 States, Cities, Government Entities and corporations.

C&T is a small business enterprise and recognized by SAM.gov as such (System Award Management for the Federal Government).

C&T is woman owned since 2010 and is in the process of obtaining Office of Supplier Diversity Certification from the Department of Management Services as required by Chapter 287.0943 and 295.187.

https://www.dms.myflorida.com/agency_administration/office_of_supplier_diversity_osd/get_certified

WBENC
WOMEN'S BUSINESS ENTERPRISE
NATIONAL COUNCIL
JOIN FORCES. SUCCEED TOGETHER.

hereby grants

National Women's Business Enterprise Certification

to

Culpepper & Terpening, Inc.

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE).
This certification affirms the business is woman-owned, operated and controlled and is valid through the date herein.

Certification Granted: March 14, 2017
Expiration Date: March 14, 2023
WBENC National Certification Number: WBE1700490

WBENC National WBE Certification was processed and validated by Women's Business Enterprise Council Florida, a WBENC Regional Partner Organization.

Nancy Allen

Authorized by Nancy Allen, President & CEO
Women's Business Enterprise Council Florida

WBENC FLORIDA
WOMEN'S BUSINESS ENTERPRISE COUNCIL

NAICS: 541330, 541340, 541370
UNSPSC: 81100000, 81101500, 81101510, 81101512, 81101516, 81101519, 81151604

Great Lakes Women's Business Council
GREATER WOMEN'S BUSINESS COUNCIL
WOMEN'S BUSINESS COUNCIL
WBENC ALI-ZONY
WBENC CENTRAL
WBENC EAST
WBENC CORV
WBENC PACIFIC
WOMEN'S BUSINESS DEVELOPMENT CENTER
WBENC SOUTH
WBENC WEST



Tab #4A Consultant's General Information Work Sheet

CONTRACTOR'S GENERAL INFORMATION WORK SHEET
eRFP #20230088

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 Fort Pierce, this 29 day of Sept, 2023
(Location)

Name of Organization/Contractor: Culpepper & Terpening, Inc.

By: James "Butch" Terpening, COO
Name and Title

1. Corporation, Partnership, Joint Venture, Individual or other? Corporation

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

Name: Culpepper & Terpening, Inc.

Address: 2980 S 25th St Fort Pierce, FL 34981

Telephone Number: (772) 464-3537

Fax Number: _____

3. Contact person: Marcelo Dimitriou Email: mdimitriou@ct-eng.com

4. Firm's previous names (if any). N/A

5. How many years has your organization been in business? 38

6. Total number of staff at this location: 50 Total number of staff on the Treasure Coast: 50

7. Is the Firm a minority business: YES /-NO-

If no, is your company planning to implement such a program? _____

8. List the license(s) that qualifies your firm to construct this project: Engineering Business License #4286

James P. Terpening, PE #24276, Marcelo Dimitriou, PE #59005, Stef Matthes, PE #38723,

Josh Killian, PE #85263, Eliot Brown, PE #82232, Thomas DeGrace, PE #42354



9. **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	09-15-2023		

13. 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:

14. 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:

None

(N/A is not an acceptable answer - insert lines if needed)

15. List any judgments from lawsuits in the last five (5) years:

None

(N/A is not an acceptable answer - insert lines if needed)

16. List any criminal violations and/or convictions of the Proposer and/or any of its principals:

None

(N/A is not an acceptable answer - insert lines if needed)

Signature  Title COO



Tab #4B Cone of Silence Form



"A City for All Ages"

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 NTourjee@cityofpsl.com, or by phone 772-871-5224. 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: James "Butch" Terpening
Signed: _____
Company and Job Title: Culpepper & Terpening, Inc. COO
Date: 09-29-2023



Tab #4C Consultant's Code of Ethics



"A City for All Ages"

**E-RFP #20230088
CONTRACTOR'S CODE OF ETHICS**

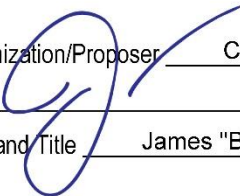
The City of Port St Lucie ("City"), through its Procurement Management Department ("Procurement Management Department") is committed to a procurement process that fosters fair and open competition, is conducted under the highest ethical standards, and enjoys the complete confidence of the public. To 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:

- Obtaining and maintaining all required environmental permits. Further, Contractor will endeavor to minimize natural resource consumption through conservation, recycling, and substitution methods.
- 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.
- 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 Culpepper & Terpening, Inc.
Signature 
Printed Name and Title James "Butch" Terpening
Date 09-29-2023

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.



Tab #4D E-Verify Form



"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 1633788

Date of Authorization 01-25-2021

Name of Contractor Culpepper & Terpening, inc.

Name of Project Professional Design Engineering Continuing Services

Solicitation Number (If Applicable) 20230087

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

Executed on September, 29, 2023 in Fort Pierce (city), FL (state).

Signature of Authorized Officer

James "Butch" Terpening

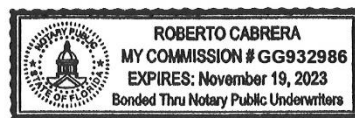
Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME

ON THIS THE 29 DAY OF September, 2023.

NOTARY PUBLIC [Signature]

My Commission Expires: 11-19-2023





Tab #4E Non-Collusion Affidavit



"A City for All Ages"

NON-COLLUSION AFFIDAVIT

E-RFP #20230088

Construction Engineering & Inspections (CEI) Continuing Services

State of Florida }

County of St. Lucie }

James "Butch" Terpening, being first duly sworn, disposes and says that:

(Name/s)

1. They are COO of Culpepper & Terpening, Inc. 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) COO _____



"A City for All Ages"

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

The foregoing instrument was acknowledged before me this (Date) 09-29-2023

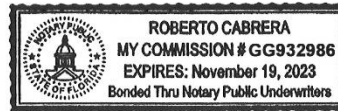
by: James "Butch" Terpening who is personally known to me ~~or who has produced~~

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

Commission No. GG932986

Notary Print: Roberto Cabrera

Notary Signature: _____





Tab #4F Drug-Free Workplace Form



"A City for All Ages"

DRUG-FREE WORKPLACE FORM

E-RFP #20230088


Construction Engineering & Inspections (CEI) Continuing Services

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

Culpepper & Terpening, Inc. 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

09-29-2023

Date



Tab #4G Vendor Certification Regarding Scrutinized Companies Form

VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES' LISTS

Vendor Name:	Culpepper & Terpening, inc.
Vendor FEIN:	59-2606420
Authorized Representative's Name:	James "Butch" Terpening
Authorized Representative's Title:	COO
Address:	2980 S 25th St
City, State and Zip Code:	Fort Pierce, FL 34981
Phone Number:	(772) 464-3537
Email Address:	bterpening@ct-eng.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

James "Butch" Terpening
Print Name
Signature



Tab #4H Truth in Negotiation Form

TRUTH-IN-NEGOTIATION CERTIFICATE AND AFFIDAVIT

STATE OF FLORIDA §
COUNTY OF ST. LUCIE §

Before me, the undersigned authority, personally appeared affiant James "Butch" Terpening who being first duly sworn, deposes and says:

1. That the undersigned firm is furnishing this Truth in Negotiation Certificate pursuant to Section 287.055(5)(a) of the Florida Statutes for the undersigned firm to receive an agreement for professional services with the City of Port St. Lucie, St. Lucie County, Florida.

2. That the undersigned firm is a corporation which engages in furnishing professional engineering services and is entering into an agreement with the City of Port St. Lucie, St. Lucie County, Florida to provide professional services for a project known as Construction Engineering & Inspection (CEI) Continuing Services, Contract #20230088.

3. That the undersigned firm has furnished the City of Port St. Lucie, St. Lucie County, Florida a detailed analysis of the cost of the professional services required for the project.

4. That the wage rate information and other factual unit cost, which the undersigned firm furnished, were accurate, complete, and current at the time the undersigned firm and the City of Port St. Lucie entered into the agreement for professional services on the project.

5. That the agreement which the undersigned firm and the City of Port St. Lucie entered into on this job contained a provision that the original agreement price and any additions thereto shall be adjusted to include any significant sums by which the City of Port St. Lucie determines the agreement price was increased due to inaccurate, incomplete or non-current wage rates or other factual unit cost and that all such agreement adjustments shall be made within one (1) year following the end of the agreement.

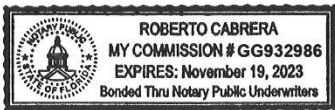
FURTHER AFFIANT SAYETH NAUGHT

Culpepper & Terpening, Inc.
Name of Firm

James "Butch" Terpening
By: COO -President -

The foregoing instrument was acknowledged before me by James "butch" Terpening who has produced as identification or is personally known to me.

WITNESS my hand and official seal in the State of County last aforesaid this 29 day of September, 2023. (SEAL)



Signature

Roberto Cabrera
Notary Name (typed or printed)

Title or Rank



Other Relevant Material - Drone Mapping & Professional Photogrammetry & LiDAR Services



Drone Mapping & Professional Photogrammetry



Culpepper & Terpening, Inc. (C&T) takes pride in our use of innovation and technology to better serve our clients. Our drone department staff is FAA Certified as Remote Pilots for commercial operations. We augment our core professional services of civil engineering, land surveying and construction management with drone solutions.

Specific drone services include:

- Civil Engineering:
 - o Design Survey and models;
 - o Custom “real-time” orthomosaics;
- Land Surveying & Mapping:
 - o Topographic elevation data collection,
 - o Volume calculations,
 - o 3D Maps & Models
 - o Accurate results with Ground Control Points and checkpoint
- Construction Management
 - o Construction progress aerial photography at key construction milestones,
 - o Inventory & remote/virtual inspections,
- Disaster & documentation
- Media & marketing.
- GIS Compatible Data



C&T offers its drone mapping service as one more feature of our full-service approach to our projects. We utilize the latest photogrammetry software to assist with data capture, digitizing data, controlling, measuring & inspecting and to collaborate and share our results with our Clients.

