

**PORT ST. LUCIE
FLORIDA**

E-RFP NO. 20230097
**CONTINUING
CONTRACTS FOR
SURVEY & MAPPING
SERVICES**

SEPTEMBER 22, 2023 | 3:00 pm

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



C&T Project No. 23-129
Certificate of Authorization No. 4286

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 22, 2023

**RE: E-RFP No. 20230097
Continuing Contracts for Survey & Mapping 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 Continuing Contracts for Survey & Mapping Services. For over 40 years, Culpepper and Terpening (C&T) has been providing unparalleled multidisciplinary consulting services to our clients throughout the Treasure Coast. C&T is a Woman Owned Business and meets the requirements of 288.703, Florida Statutes. This project will be managed out of our Ft. Pierce headquarters, which is located less than 15 minutes from the City offices.

Local Knowledge – C&T staff have worked in the City and throughout the Treasure Coast for decades and are part of the success of many communities in the region. We live and work in the area and look forward to helping the City provide Exceptional Municipal Services that are Responsive to our Community while Planning for Smart and Balanced Growth that is managed in a Financially Responsible Manner for its residents.

For this continuing services project, I will serve as the Project Principal, responsible for the overall performance of the Company and addressing any specific needs of the City. Our City Client Manager will be Mr. Thomas P. Kiernan, PSM. Tom has been a practicing surveyor here in the Port St. Lucie area for over 37 years, and has been with C&T for over 22 years. As the head of our Survey Division, Mr. Kiernan brings to the City a wide variety of experience and knowledge that help assure the timely and effective addressing of all the City's survey needs. Supporting our senior management team is our experienced and qualified staff surveyors, made up of Senior Project Managers, six (6) field crews, seven (7) CAD Technicians, GIS and Drone/Lidar managers and a Utility Locates/SUE Coordinator. In addition, our survey staff has the ability to draw upon the resources and knowledge of the entire company in addition to our individual local expertise. C&T has over 100 years of local survey records at its disposal from such companies as Florida Surveying services; CFS; Alton Register; JA Kirby and The Boundary Hunter (Jim Fowler), all which were acquired by Culpepper and Terpening.

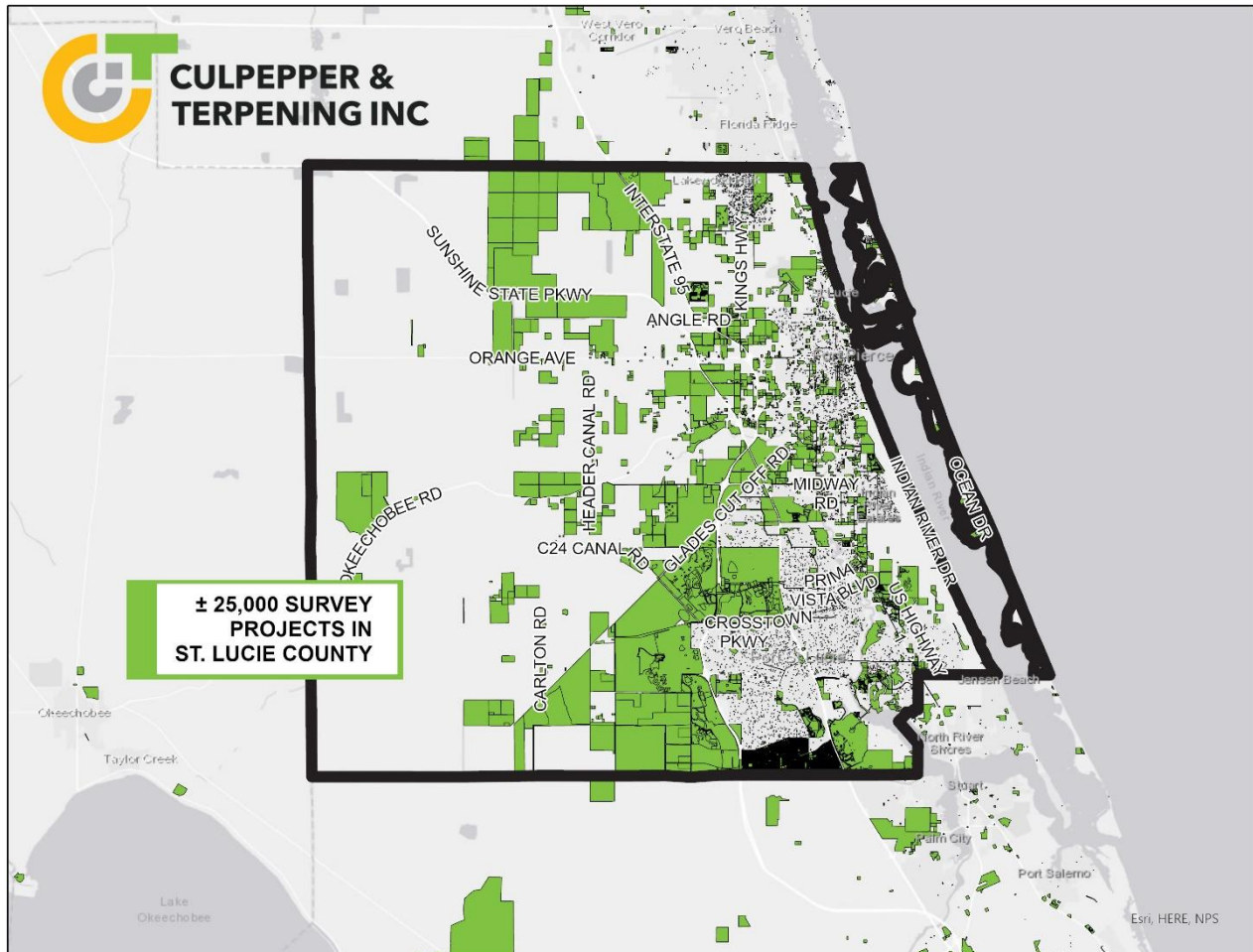
Culpepper & Terpening, Inc. (C&T) is currently providing Survey Services on both a continuing services and project specific basis to the St. Lucie County Board of County Commissioners; Okeechobee County Board of County Commissioners; Martin County; The City of Stuart; The City of Ft. Pierce; The City of Port St. Lucie; The City of Fellsmere, the Town of Jupiter Island, the St. Lucie County School Board, the Martin County School Board, the St. Lucie County Fire District and the Fort Pierce Utility Authority, along with major public companies such as FP&L, Bell South/AT&T and Florida Gas.

Over the past decades C&T has proven that we have the ability to meet the City's scope, schedule and budget through our extensive local knowledge, a streamlined management approach and a professional and flexible staff. We incorporate the City's survey standards into our existing work programs. All our field and office work is fully supervised by a licensed Florida Surveyor and Mapper. All Surveys are prepared in accordance with the Florida Standards of Practice, Chapter 5J-17, FAC. C&T has been Pre-Qualified in the following FDOT survey work types; 8.1 Control Surveying, 8.2 Construction Surveying, 8.4 Right-of-Way Mapping and thus all Control, Right-of-Way, and Maintenance Mapping Projects will be prepared to FDOT Standards. All of our existing survey hardware and software is maintained and updated with the latest operating versions and is fully compatible with the City's Data Exchange Protocols.



Culpepper & Terpening brings Value Added Services to the City. In the recent past we have assisted the City of Port St. Lucie County and St Lucie County by providing review and oversight as interim City and County Surveyor. We have worked with local floodplain managers and staff and have developed policies and procedures for better management and oversight of construction in the Floodplain. In addition to providing the City with all of the Survey and Mapping services listed in the e-RFP we can also provide Aerial Drone photogrammetry, Lidar Scanning, and Utility Locate services.

Below is an exhibit that shows some of the parcels, highlighted in Green, within the Port St. Lucie area where C&T has existing survey data:



Culpepper and Terpening is committed to providing our clients with the highest level of professional service, for the least cost possible. We are proud of the fact that 100% of our employees live here in the Treasure Coast, with over 85% living in Port St. Lucie. We are committed to the Community, and we show that commitment daily through the quality of our work and services provided to the Community. We look forward to continuing that commitment as a Continuing Service Provider to the City for Survey & Mapping Services.

Sincerely,
CULPEPPER & TERPENING, INC.

(Signature)
 James P. Terpening, PE
 President

(Signature)
 Thomas P. Kiernan, PSM
 Vice-President – Director of Survey



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:



Thomas P. Kiernan, PSM
2980 S. 25th Street
Fort Pierce, Florida 34981
772-464-3537, Extension 206
tkiernan@ct-eng.com

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Tab #1B Brief History of the Proposer

History

Our firm was founded in 1904 and Culpepper & Terpening, Inc. was established in 1985 and has provided advancement and excellence in surveying and engineering services throughout Florida's Treasure Coast for both the public and private sectors.

Under Mr. Terpening's leadership the firm has worked to assure that the team achieves the highest principals of professional integrity in order to protect the health, safety and welfare of the public while giving consideration to the impact of growth on the environment and preserving the natural beauty that inspires all that live work and play along the Treasure Coast.

Who We Are:

Culpepper & Terpening, Inc. is a multidisciplinary consulting firm with over four decades of specialization in surveying services and civil engineering with records dating back to 1904. We have pioneered the solutions to some of Florida's most unique surveying and engineering challenges for both our governmental and private clients. Our team can provide complete surveying and GIS services for all of the City's project needs. We provide a full-service approach, collaborating with our internal staff, as well as external sub-consultants experts to ensure project success.

Scope, Schedule and Budget:

Our firm is dedicated to managing the scope, schedule and budget of every project as part of our culture. We understand the financial and public impacts that results in a failure to manage these issues. The public trust is hard to win and yet easy to lose and we committed to ensure the City's success in this area.

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.

Corporate Structure: Culpepper and Terpening, Inc. is a Florida Corporation, #H85712, incorporated November 19, 1985. Our EIN is #592606420.

- Sherry T. Terpening, President
- James P. Terpening, Jr. PE, COO
- Thomas P. Kiernan, PSM Vice President
- Stefan K. Matthes, PE, Vice President

Business/Occupational Licenses - State of Florida Board of Professional Surveyors and Mappers License #LB4286 and State of Florida Board of Professional Engineers License #4286.

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.

**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
- 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
- Treasure Coast Young Professionals Chamber President
- Martin County Commissioner
- Indian River Chapter of FPLSM President
- Indian River Chapter of FPLSM Treasure
- University of Florida Engineering Dead Advisory Board
- Treasure Coast Research and Education Board
- City of Port St. Luce Planning Board
- Florida Engineering Society

Location:

The City's Administrative offices are less than 15 minutes away from Culpepper & Terpening's main office.

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



Tab #1C Standard Form 330

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*
Continuing Contracts for Survey & Mapping Services

2. PUBLIC NOTICE DATE
September 1, 2023

3. SOLICITATION OR PROJECT NUMBER
E-ERP No. 20230097

B. ARCHITECT-ENGINEER POINT OF CONTACT

3. NAME AND TITLE
Thomas P. Kiernan, PSM – Vice President

4. NAME OF FIRM
Culpepper & Terpening, Inc.

5. TELEPHONE NUMBER
772-464-3537

6. FAX NUMBER
772-464-9797

7. E-MAIL ADDRESS
tkiernan@ct-eng.com

C. PROPOSED TEAM
(Complete this section for the prime contractor and all key subcontractors.)

<i>(Check)</i>				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. 25 th Street Fort Pierce, Florida 34981	Prime - Surveyor
b				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
c				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
d				<input type="checkbox"/> CHECK IF BRANCH OFFICE <input type="checkbox"/> CHECK IF BRANCH OFFICE		

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
---------------------------------------	-----------

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Crosstown Parkway (SE Manth Ave to South US #1) Port St. Lucie, Florida	2012	2021

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
City of Port St. Lucie	Frank Knott	772-344-4290

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

Provided all 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.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	02
---------------------------------------	-----------

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Tradition (Western Groves) Boundary Survey Port St. Lucie, Florida	2015	2016

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
Tradition Land Company	B. Frank Sakuma, Jr., CDM – District Manager	772-345-5119

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

Prepared 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.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	03
---------------------------------------	-----------

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Southern Grove - Tradition Regional Park Port St. Lucie, Florida	2018	Ongoing

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
City of Port St. Lucie	B. Bridget Kean	772-873-6489

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

Prepared 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 of FedEx, Amazon Distribution, Cheney Brothers, 520k Spec building and 250k Spec Building, etc. Additional surveying services included boundary, topographic, sketch & legal descriptions, construction layout, PSLUSD as-builts

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	04
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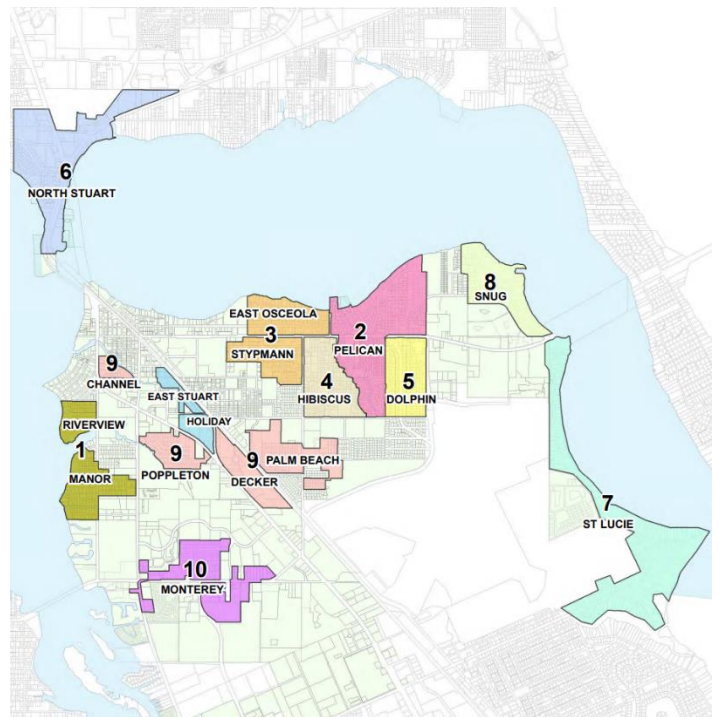
21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Stuart LPS System Stuart, Florida	2012	2020

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
City of Stuart	Dave Peters Public Works Director	772-288-5343

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

Project involves conducting Right-of-way, topographic and route surveys and construction layout and as-builts associated with the design, permitting and construction for the City of Stuart's \$9.8 million Wastewater Utility Expansion Program for the 'North Stuart Basin'. The project was completed two years ahead of schedule and provides 2,200 properties with sewer connectivity. Surveying for the project also included FDOT, SFWMD, ACOE, and FDEP permitting support.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	05
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21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Becker Road West Port St. Lucie, Florida	2021	Ongoing

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
Mattamy Homes	Eric Sexauer	404-135-1347

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

Project includes professional surveying services 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.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	06
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21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Marshall Parkway Port St. Lucie, Florida	2022	Ongoing

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
Mattamy Homes	Frank Covelli	561-416-6102

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

Project includes design and permitting of Marshall Parkway – Phase 3 from the current terminus at the Del Webb Entrance to Community Boulevard located within the Southern Grove development. The project consists of approximately 2,000 linear feet of a 4-lane divided urban collector roadway. Surveying services includes boundary and topographic surveys, title reviews, utility locations, easement preparation and platting.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	07
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21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Myers/Stickel Parcels Fort Pierce, Florida	2016	2017

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
St. Lucie County	Dan J. Zrallack, PE – County Engineer	772-462-1667

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



Provided a Boundary Survey of three (3) contiguous parcels located along the North Fork of the St. Lucie River in unincorporated St. Lucie County. Services provided included full boundary survey, in accordance with Chapter 5J-17, FAC; establishment and location of the Mean High Water Line (MHWL) and review the properties title commitment and plot easements of record. Services also included field staking for the St. Lucie County fence installation. The property is used as a 33 acre public conservation land to be located near Kitterman and Oleander in White City. The preserve will protect 1,600 linear feet of shoreline of the river.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	08
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21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
McCarty Ranch – Topographic Survey Port St. Lucie, Florida	2015	2016

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
City of Port St. Lucie	John Eason, PE	772-873-6487

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

The McCarty Ranch is 3,100 acres of largely old Florida pinelands. The City purchased the property in 2012 and incorporated it into the City limits in 2013 with plans to use it as a water storage and treatment facility to help meet the City's water demands for decades to come. Additionally, the property was planned as an environmentally-friendly passive recreational area for all to enjoy. The surveying services for this project was to furnish a topographic survey of the McCarty Ranch property. C&T performed field 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.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	09
---------------------------------------	-----------

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Paar Drive Port St. Lucie, Florida	2022	Ongoing

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
City of Port St. Lucie	Colt Schwerdt, PE	772-344-4363

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

Project includes 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.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	10
---------------------------------------	-----------

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Indian River Estates Phase II White City, Florida	2016	2018

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
St. Lucie County	Dan J. Zrallack, PE County Engineer	772-462-1667

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

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). Survey Services included field collecting and preparing as-built drawings showing all the facilities, as constructed by the County's contractor.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	11
---------------------------------------	-----------

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Round Island Plantation – County Boundary Line Relocation St. Lucie, Florida	2016	2018

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
St. Lucie County	Dan J. Zrallack, PE County Engineer	772-462-1667

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

St. Lucie County and the private developer engaged in the political process of relocating a portion of the North County line. Survey services included full boundary survey, in accordance with Chapter 5J-17, FAC; establishment and location of the Mean High Water Line (MHWL) and reviewing the properties title commitments and plot easements of record, and preparing instruments for recordation.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	12
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21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
King Maritime (Director Shipyard) Fort Pierce, Florida	2017	2018

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
St. Lucie County	Dan J. Zrallack, PE County Engineer	772-462-1667

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

Survey Services included providing all field work and office calculations to perform a Boundary Survey in support of the County parcel acquisition of five (5) contiguous parcels totaling 13 acres. Project is located at the Fort Pierce Sea Port. Boundary survey also included mapping the Submerged Lands Lease parcels. This project is part of a revitalization of the 290-acre port, just north of downtown Fort Pierce. It is a key component in the city's and county's economic development plans to bring jobs to the northwest part of Fort Pierce.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	13
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21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
FPL Solar Sites County-Wide, Florida	2018	Ongoing

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
Florida Power & Light Company	John Olinger – Corporate Real Estate	561-691-7139

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

Our office has been providing continuing 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.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	14
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21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Treasure Coast Airpark St. Lucie County, Florida	2022	2023

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
St. Lucie County	Dan J. Zrallack, PE County Engineer	772-462-1667

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

Culpepper & Terpening, Inc. (C&T) provided surveying services in support of design, permitting and construction services associated with a 3.3 mile of 8" PVC Water Main for a potable water system. Survey tasks included specific purpose design surveys and Temporary Construction Easements and coordination with local residents on behalf of the County.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	15
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21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Public Works Compound St. Lucie County, Florida	2018	2019

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
St. Lucie County	Scotty Beaulieu Facilities Manager	772-464-1400

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

Project involved meeting with Stakeholders (Public Works Department, County Recreation and Parks, Mosquito Control District and Counties Facilities Management Department) for the purposes of scoping and identifying the County's short and long range goals on their 23 acre complex located at Edwards Road in Ft Pierce. Surveying services also included preparing a boundary, topographic and tree survey, title abstract and historical deed research, and providing a conceptual Site Plan.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	16
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21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
FPL Riviera Injection T-Line Palm Beach County, Florida	2021	Ongoing

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
Florida Power & Light Company	Bruce Barber Project Manager/Land Planner	561-616-1616

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

Scope of Work for this project included a comprehensive route survey measuring ± 15-miles from Starting Point to the End Point and included plotting the boundaries of any existing FPL transmission easements and deeds along the proposed transmission corridor route. Additional services provided by our team included Drone Lidar 3D surfaces, PLS CAD Linework of all aerial structures and power lines, Sketch & Legal descriptions, construction staking services and GIS graphics and exhibits used for public information and easement acquisition.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	17
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21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Okeechobee County Surveyor Okeechobee, Florida	2022	Ongoing

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
Okeechobee County	Wade Vose County Attorney	407-645-3735

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

Culpepper & Terpening is contracted by Okeechobee County to provide consultant services. Surveying provided under this contract includes administering the duties of County Surveyor.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	18
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21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Town of Jupiter Island Surveyor Martin County, Florida	2010	Ongoing

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
Town of Jupiter Island	Rubin Cruz, CFM Building Administrator	772-545-0150

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



Culpepper & Terpening is contracted by the Town of Jupiter Island to provide consultant services. Surveying provided under this contract includes administering the duties of the Town Surveyor.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	19
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21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Interim City Surveyor Port St Lucie, Florida	2022	2022

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
City of Port St Lucie	Dianna Sprigs	772-871-7644

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

Culpepper & Terpening was contracted by Port St Lucie to provide consultant services. Surveying provided under this contract included interim City Surveyor duties to include Plat reviews, legal descriptions.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER	20
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21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Interim County Surveyor St Lucie County, Florida	2020	2021

23. PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
St Lucie County	Dan J. Zrallack, PE County Engineer	772-462-1667

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

Culpepper & Terpening was contracted by St Lucie County to provide consultant services. Surveying provided under this contract included interim County Surveyor duties to include County design surveys, direction of County field crews, Plat reviews, legal descriptions, project review and approvals.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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	X
Thomas P. Kiernan, PSM	Client Manager	X	X	X	X	X	X	X	X	X	X	X
Jonathan Jones	Project Manager		X	X		X	X		X	X		
Roberto Cabrera, PE	Project Manager GIS	X	X	X	X	X		X			X	
Ian E. Patureau	Project Manager UAV		X	X		X	X	X		X		
Larry E. Hostettler	CAD Technician		X	X		X	X		X	X		
John Yancy	CAD Technician		X	X		X	X			X		
Donald Fisher	CAD Technician	X	X					X			X	
Greg Anderson	Crew Chief	X	X	X	X				X		X	
Phil Kiernan	Crew Chief	X			X	X	X	X	X	X		
Sean Gebhardt	Crew Chief	X									X	
Dakota Preis	Crew Chief Additional		X	X	X				X		X	
Ed Rake	Crew Chief Additional	X	X						X		X	

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Crosstown Parkway	6	Marshall Parkway
2	Tradition (Western Groves)	7	Myers/Stickel Parcels
3	Southern Grove Tradition Regional Park	8	McCarty Ranch
4	Stuart LPS System	9	Paar Drive
5	Becker Road West	10	Indian River Estates Phase II



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

09-21-23

33. NAME AND TITLE

James P. "Butch" Terpening, Jr, PE



ARCHITECT-ENGINEER QUALIFICATIONS	SOLICITATION NUMBER (if any) e-RFP 20230097
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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 b. SMALL BUSINESS STATUS None	
2c. CITY Fort Pierce	2d. STATE Florida	2e. ZIP CODE 34981		
6a. POINT OF CONTACT NAME AND TITLE Thomas P. Kiernan, PSM			7. NAME OF FIRM (If block 2a. is a branch office) N/A	
6b. TELEPHONE NUMBER 772-464-3537	6c. E-MAIL ADDRESS tkiernan@ct-eng.com			

8a. FORMER FIRM NAME(S) (If any) CFS & Associates, Inc. JP Terpening, Inc.		8b. YR ESTABLISHED 1972 1979	8c. DUNS NUMBER
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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 22 ,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		
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					
a.	(1) TITLE AND LOCATION (City and State) FPL Solar Energy Centers (County-wide)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Principal 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		
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 Principal 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) Marshall Parkway (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 Principal overseeing the design and permitting of Marshall Parkway – Phase 3 from the current terminus at the Del Webb Entrance to Community Boulevard located within the Southern Grove development. The project consists of approximately 2,000 linear feet of a 4-lane divided urban collector roadway. Surveying services includes boundary and topographic surveys, title reviews, utility locations, easement preparation and platting.		[X] Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) Paar Drive (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 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.		[X] Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State) Treasure Coast Airpark (St. Lucie County, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable) 2023	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Principal responsible for overseeing the design, permitting and construction services associated with a 3.3 mile of 8" PVC Water Main for a potable water system. Survey tasks included specific purpose design surveys and Temporary Construction Easements and coordination with local residents on behalf of the County.		[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 Thomas P. Kiernan, PSM		13. ROLE IN THIS CONTRACT City Client Manager		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 Jonathan Jones		13. ROLE IN THIS CONTRACT Sr. Project Manager		14. YEARS EXPERIENCE	
				a. TOTAL 20	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) Culpepper & Terpening, Inc. (Fort Pierce, Florida)					
16. EDUCATION (DEGREE AND SPECIALIZATION) BASc - Organizational Management AS - Drafting & Design Technology AS - Graphics Design Technology			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FEMA – NIMS certification FEMA – ICS certification FEMA – Floodplain Management continued education		
18. Other Professional Qualifications Certified Survey Technician I					
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		<input checked="" type="checkbox"/> Check if project performed with current firm			
Prepared 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.					
b.	(1) TITLE AND LOCATION (City and State) FPL Solar Energy Center (County-wide)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable)	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
Survey Project Manager 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.					
c.	(1) TITLE AND LOCATION (City and State) St. Lucie County Public Works Compound (Fort Pierce, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) 2019	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
Survey Project Manager for surveying services that included preparing a boundary, topographic and tree survey, title abstract and historical deed research, and providing a conceptual Site Plan. Project involved meeting with Stakeholders (Public Works Department, County Recreation and Parks, Mosquito Control District and Counties Facilities Management Department) for the purposes of scoping and identifying the County's short and long range goals on their 23 acre complex located at Edwards Road in Ft Pierce.					
d.	(1) TITLE AND LOCATION (City and State) FPL Riviera Injection Transmission Line Survey (Palm Beach County, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2021	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			
Survey Project Manager responsible for comprehensive route survey measuring ± 15-miles from Starting Point to the End Point and included plotting the boundaries of any existing FPL transmission easements and deeds along the proposed transmission corridor route. Additional services provided by our team included Drone Lidar 3D surfaces, PLS CAD Linework of all aerial structures and power lines, Sketch & Legal descriptions, construction staking services and GIS graphics and exhibits used for public information and easement acquisition.					
e.	(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		<input checked="" type="checkbox"/> Check if project performed with current firm			
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.					



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 – GIS	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.	Southern Grove - Tradition Regional Park (Port St. Lucie, Florida)	2018	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GIS Manager for 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.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	FPL Riviera Injection Transmission Line Survey (Palm Beach County, Florida)	2021	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GIS Project Manager responsible for comprehensive route survey measuring ± 15-miles from Starting Point to the End Point and included plotting the boundaries of any existing FPL transmission easements and deeds along the proposed transmission corridor route. Additional services provided by our team included Drone Lidar 3D surfaces, PLS CAD Linework of all aerial structures and power lines, Sketch & Legal descriptions, construction staking services and GIS graphics and exhibits used for public information and easement acquisition.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Tradition – Western Groves Survey (Port St. Lucie, Florida)	2015	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GIS Project Manager assisting with Legal documents and data management 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.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Crosstown Parkway – Manth Lane to US 1 (Port St. Lucie, Florida)	2012	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GIS Project Manager assisting with 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.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Various Community Development Districts (CDD) – GIS Integration	2019	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GIS Project Manager for the design and implementation of an enterprise geodatabase GIS system for various Community Development Districts throughout the Treasure Coast to track projects and provide more efficient review workflows. Digitally scanning and geocoding current and historical surveys and plans and attaching reference files to corresponding feature layers in a web-based mapping application.	<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 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 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) FPL Riviera Injection Transmission Line Survey (Palm Beach County, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE UAV services in support of comprehensive route survey measuring ± 15-miles from Starting Point to the End Point and included plotting the boundaries of any existing FPL transmission easements and deeds along the proposed transmission corridor route. Additional services provided by our team included Drone Lidar 3D surfaces, PLS CAD Linework of all aerial structures and power lines, Sketch & Legal descriptions, construction staking services and GIS graphics and exhibits used for public information and easement acquisition.		[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 Larry E. Hostetler		13. ROLE IN THIS CONTRACT CAD Technician		14. YEARS EXPERIENCE	
				a. TOTAL 7	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION (City and State) Culpepper & Terpening, Inc. (Fort Pierce, Florida)					
16. EDUCATION (DEGREE AND SPECIALIZATION) A.S. – Electronics Engineering Technology, Lasers & Photonics			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) N/A		
18. Other Professional Qualifications Certified Survey Technician I					
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 CAD Services 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.		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) SW Kestor Drive Sidewalk Design (Port St. Lucie, FL)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Prepare survey for design purposes. Preparation included right of way determination and the processing of field data collected along the ~1.4 miles of roadway, beginning at the intersection of SW Darwin Blvd and SW Kestor Dr. and ending SW Becker Rd. intersection.		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(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 CAD Services 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.		<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(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 CAD Services 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.		<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(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.		<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 John H. Yancy		13. ROLE IN THIS CONTRACT CAD Technician		14. YEARS EXPERIENCE	
				a. TOTAL 32	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION (City and State) Culpepper & Terpening, Inc. (Fort Pierce, Florida)					
16. EDUCATION (DEGREE AND SPECIALIZATION) Indian River State College Drafting & Design Technology (non-degree seeking)			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) N/A		
18. Other Professional Qualifications Certified Survey Technician I					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) Becker Road West		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE CAD Services 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 GH0 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		
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 CAD 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, Interstate Solar, Pink Trail Solar, and other Solar Energy Centers.		[X] Check if project performed with current firm		
c.	(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 CAD services 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		
d.	(1) TITLE AND LOCATION (City and State) Paar Drive Surveying (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 CAD Services for survey 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.		[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 CAD services assisting with Legal documents and data management 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 Gregory Anderson		13. ROLE IN THIS CONTRACT Crew Chief		14. YEARS EXPERIENCE	
				a. TOTAL 25	b. WITH CURRENT FIRM 16
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 Certified Survey Technician I					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) Becker Road West		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2021	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			
CAD Services 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.					
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		<input checked="" type="checkbox"/> Check if project performed with current firm			
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.					
c.	(1) TITLE AND LOCATION (City and State) Treasure Coast Airpark (St. Lucie County, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2022	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			
Field surveyor providing surveying services in support of design, permitting and construction services associated with a 3.3 mile of 8" PVC Water Main for a potable water system. Survey tasks included specific purpose design surveys and Temporary Construction Easements and coordination with local residents on behalf of the County.					
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		<input checked="" type="checkbox"/> Check if project performed with current firm			
Project Field 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.					
e.	(1) TITLE AND LOCATION (City and State) Stuart Low Pressure Sewer Conversion (Stuart, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2012	CONSTRUCTION (If Applicable) 2020	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
Field Surveyor conducting Right-of-way, topographic and route surveys and construction layout and as-builts associated with the design, permitting and construction for the City of Stuart's \$9.8 million Wastewater Utility Expansion Program for the 'North Stuart Basin'. The project was completed two years ahead of schedule and provides 2,200 properties with sewer connectivity. Surveying for the project also included FDOT, SFWMD, ACOE, and FDEP permitting support.					



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Phil Kiernan		13. ROLE IN THIS CONTRACT Crew Chief		14. YEARS EXPERIENCE	
				a. TOTAL 35	b. WITH CURRENT FIRM 20
15. FIRM NAME AND LOCATION (City and State) Culpepper & Terpening, Inc. (Fort Pierce, Florida)					
16. EDUCATION (DEGREE AND SPECIALIZATION) Martin County High School Graduate			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) N/A		
18. Other Professional Qualifications Certified Survey Technician I					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) Becker Road West		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2021	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			
CAD Services 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.					
b.	(1) TITLE AND LOCATION (City and State) Paar Drive Surveying (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		<input checked="" type="checkbox"/> Check if project performed with current firm			
Field survey services for 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.					
c.	(1) TITLE AND LOCATION (City and State) Myers/Stickel Preserve – Survey (Fort Pierce, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2017	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
Field survey services for Boundary Survey of three (3) contiguous parcels located along the North Fork of the St. Lucie River in unincorporated St. Lucie County. Services provided included full boundary survey, in accordance with Chapter 5J-17, FAC; establishment and location of the Mean High Water Line (MHWL) and review the properties title commitment and plot easements of record. Services also included field staking for the St. Lucie County fence installation. The property is used as a 33 acre public conservation land to be located near Kitterman and Oleander in White City. The preserve will protect 1,600 linear feet of shoreline of the river.					
d.	(1) TITLE AND LOCATION (City and State) Round Island Plantation – County Line Relocation (Fort Pierce, Florida)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2018	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
Field survey to included full boundary survey, in accordance with Chapter 5J-17, FAC; establishment and location of the Mean High Water Line (MHWL) and reviewing the properties title commitments and plot easements of record, and preparing instruments for recordation. St. Lucie County and the private developer engaged in the political process of relocating a portion of the North County line.					
e.	(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		<input checked="" type="checkbox"/> Check if project performed with current firm			
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.					



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 Crew Chief		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)		
18. Other Professional Qualifications Certified Survey Technician I, 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		
	Crosstown Parkway – Manth Lane to US 1 (Port St. Lucie, Florida)		PROFESSIONAL SERVICES 2012	CONSTRUCTION (If Applicable) 2021	
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Survey 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.		<input checked="" type="checkbox"/> Check if project performed with current firm		
	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED		
	Tradition – Western Groves Survey (Port St. Lucie, Florida)		PROFESSIONAL SERVICES 2015	CONSTRUCTION (If Applicable) 2016	
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Prepared 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.		<input checked="" type="checkbox"/> Check if project performed with current firm		
	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED		
	Myers/Stickel Preserve – Survey (Fort Pierce, Florida)		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2017	
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field survey services for Boundary Survey of three (3) contiguous parcels located along the North Fork of the St. Lucie River in unincorporated St. Lucie County. Services provided included full boundary survey, in accordance with Chapter 5J-17, FAC; establishment and location of the Mean High Water Line (MHWL) and review the properties title commitment and plot easements of record. Services also included field staking for the St. Lucie County fence installation. The property is used as a 33 acre public conservation land to be located near Kitterman and Oleander in White City. The preserve will protect 1,600 linear feet of shoreline of the river.		<input checked="" type="checkbox"/> Check if project performed with current firm		
	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED		
	Round Island Plantation – County Line Relocation (Fort Pierce, Florida)		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2018	
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field survey to included full boundary survey, in accordance with Chapter 5J-17, FAC; establishment and location of the Mean High Water Line (MHWL) and reviewing the properties title commitments and plot easements of record, and preparing instruments for recordation. St. Lucie County and the private developer engaged in the political process of relocating a portion of the North County line.		<input checked="" type="checkbox"/> Check if project performed with current firm		
	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED		
	FPL Solar Energy Center (County-wide)		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) Ongoing	
e.	(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.		<input checked="" type="checkbox"/> Check if project performed with current firm		

**Tab #1E Qualifications/References for Sub-consultant**

No subconsultants are proposed as part of our team. All required services listed in the Scope of Work can be provided by our in-house staff. These services include:

- Basic and Advanced field survey work
- Associated Office Calculation & Document Preparation
- Meetings
- Utility, Easement, Property Boundary locates
- Topographic Surveys
- Cross Sections
- Survey Data Research
- Right-of-Way Research
- Staking
- Monumentation
- Right of Entry support
- Parcel Sketches
- Parcel Descriptions
- Map preparation
- Plan, Plat & Legal Description Review
- Preparation/Creation of Plats
- Drafting
- GPS Mapping
- Permitting
- Various Meetings as needed
- Other Surveying tasks as assigned

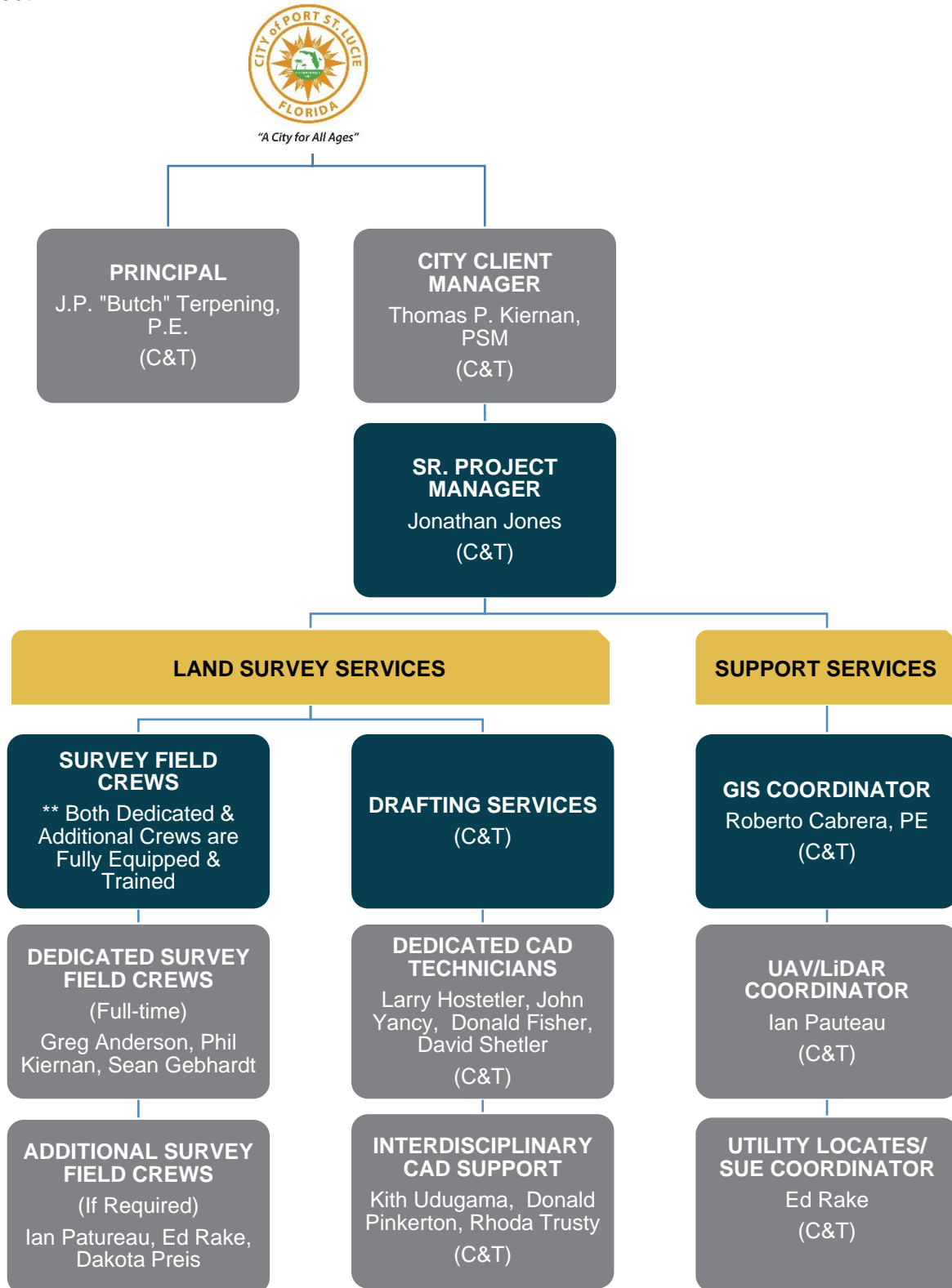
Furthermore, our team has the ability to pull from other in-house disciplines of civil engineers, designers planners and construction engineering inspectors, if required, to successfully complete all assigned work by the City.

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Tab #1F Organizational Chart

For the City of Port St. Lucie Survey & Mapping 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

Culpepper & Terpening, Inc. will meet The City's objectives by assigning our highly skilled proposed team utilizing the most efficient and expeditious methods to accomplish the tasks.

With 50 employees, should the need arise, C&T has the personnel and resources (i.e. vehicles and equipment) to provide simultaneously six (6) survey crews and office personnel as necessary. C&T also has the resources and equipment to provide additional unique services such as GIS (Geographic Information System), GPS and LiDAR remote sensing capabilities all inhouse.

The following outlines Culpepper & Terpening, Inc.'s implementation process of providing Professional Surveying Services:

- A work request arrives from the City of Port St. Lucie requesting Professional Surveying Services
- The work order includes a time stamp and generates a project number at C&T
- Project scope is determined
- C&T searches the County, City, and proprietary GIS databases
- C&T's existing project records are searched for additional information
- Contract is set up
- The project is set up in Laserfiche (electronic document management system) & FTP Site
- The determination is made as to which specialized team is best suited for the task
- The work order is assigned to a crew chief
- The team determines the best method to complete the assignment
- The following equipment is assigned as required:
 - GPS
 - 3D Laser Scanner
 - Total Station Theodolite
 - Robotic Total Station Instrument
 - Levels
 - Camera
 - Identification information
 - Aerial Photogrammetry
 - Laptop
- Field crews call with challenges or resolutions
- Technical staff check notes for any insufficient data
- CAD leader assigns CAD technician
- CAD technicians work is verified with field notes
- CAD technician work is checked again for quality assurance
- Project surveyor verifies deliverables
- Project manager verifies deliverables for quality assurance
- A non-project professional checks the deliverable for quality control
- Deliverables are produced and undergo final quality control verification by project manager

Procedures and Protocols

The professionals with our firm represent over 100 years of combined Government Experience from serving as County Surveyor, County Engineer, County Growth Management Director and other Services. Members of our firm currently serve on numerous boards within our area and remain active in our local government activities.



Culpepper & Terpening understands and appreciates that the City intends to put the safety and interest of their citizens first and foremost by providing quality projects that can enhance community issues. Through consistent procedures that govern quality and protocol Culpepper & Terpening will work directly with City staff to provide the best possible products for each of the specific task required.

All work will be accomplished in accordance with the criteria established by City Code and any project specific instructions.

We understand the City's commitment to providing the best possible quality of life to its citizens, and the obligation to be fiscally prudent especially in these economic conditions. Culpepper & Terpening's management structure, assisted by our project management and accounting software, allows us to quickly provide the City with fixed price proposals. As we do with our other municipal clients, we will manage schedules and control budgets through milestones in our projects. Culpepper & Terpening's survey division staff collectively have over 100 years of surveying and mapping experience. Our extensive historical survey database dates back to 1904 and includes all of Port St. Lucie. We intend to utilize this information whenever possible.

Our survey division offers services specifically tailored to the City's needs such as, but not limited to:

- Boundary Surveys
- Basic and advanced field survey work
- Office Calculation & Document Prep
- Utility and Easement locates
- Control, Right-of-Way and Maintenance Mapping and Research
- Topographical Surveys
- Sketch and Legal Descriptions
- Design Surveys and Cross Sections
- Record/As-built Drawings
- Route Surveys
- CAD Drafting Services
- Specific Purpose Surveys
- Construction Staking
- Horizontal control & Vertical Controls
- GIS Mapping/Data
- GIS Base/Layer creations
- GIS Data collection/asset management
- UAV Orthorectified Aerial Images
- Lidar Data collection
- Lidar Topographic Surfaces/Surveys
- Geodetic Controls
- Complete Technical Reviews
- Platting
- Hydrographic/Bathometric Surveys
- Settlement Monitoring
- Survey Research and Title Reviews
- Permitting Assistance
- FEMA Debris Monitoring

Survey and Technical Assets:

The following is a summary of our technological equipment and software:

Survey Field Equipment: Culpepper & Terpening utilizes Trimble GPS Rovers and Base Stations (for increased vertical accuracy), Total Stations and Robotic instruments', Leica 3D Scanner, fully licensed UAV Drones, Automatic, digital, and Laser levels, Subsurface Trace Wire Utility Locators, Various Water Craft for when the need arises.

Computer/Scanning/Plotting/Printing: GIS software is run on hardware which includes Dell Precision Workstation computers, Dell Latitude laptops, and two Hewlett Packard Proliant Servers. GIS map products are plotted on Hewlett Packard 1050C DesignJet 36" wide color plotters, Ricoh Aficio MP C6000 Color Laser Printer, and a Hewlett Packard LaserJet 4240 laser printer. Map products are scanned using a GEI 2900 large format high speed scanner.

GIS Equipment & Software: Culpepper & Terpening uses the most current versions of ArcGIS Pro, ESRI ArcInfo Workstation, ArcServer for the Microsoft .NET format, ArcSDE, ArcIMS, ArcView, ArcCatalog, ArcEditor, and ArcPad GIS software. The GIS division utilizes Trimble's GPS Analyst, and AutoCAD Civil



3D for advanced analysis of collected data on Trimble GeoXH handheld GPS units and the ability to incorporate design/site drawings.

Additionally, we maintain multiple units of Trimble Catalyst DA2 GNSS system. This equipment provides our team great flexibility as we have the ability to purchase credits for the meter or sub-centimeter precision specific projects may require. This system also allows for direct integration with GIS online services that are offered to our Clients.

LiDAR and Photogrammetry: We offer in-house LiDAR, photogrammetry and Orthomosaic compositing services. We have staff trained in the complete workflow of mission planning, data collection via unmanned aircraft and pre and post processing. We go the next step by creating Civil 3D surfaces that we directly input into our design drawings. We have completed $\pm 15,000$ acres of drone mapping services in St. Lucie County alone.

CAD/Design software: Culpepper & Terpening uses the latest land development software from Autodesk. This includes AutoCAD Civil 3D. We have the ability to use AutoCAD releases 2004 through 2024. We also use several programs in the design of the projects. For example, Bentley Storm CAD and Water CAD, ICPR storm water modeling program and HCS highway capacity software.

Job Cost Accounting Software: Culpepper & Terpening employs state of the art timekeeping and document storage technologies, utilizing the Deltek "Vision" Financial Management System and Laserfiche respectively. Deltek Financial Management System allows the team to provide a continuously updated detailed accounting of its employees' time and expenses, facilitating efficient use of human and physical resources. The benefits of this system to the client include competitive pricing on services and detailed accurate invoicing.

Laserfiche Document Management Software: Laserfiche is a powerful software application that allows our organization to capture, index, store, manage, share and distribute all types of documents, including images of paper documents and electronic files. Documents are difficult to delete and move once stored providing a safe and a secure file management system. All project documents are scanned into a database as part of our permanent records and can easily be found and reproduced or transmitted electronically. No lost files and easy copies are the result.

Graphics design: Culpepper & Terpening, Inc uses Adobe Photoshop to create graphics and presentation material.

FTP Access: C&T offers access to all client drawings via our FTP site. Utilizing TruView from AutoDesk, all plans and files are available. This not only saves time, but also saves the cost of reproducing plans on paper and the cost of transmission and delivery.

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.

**Safety Certifications:**

- **Maintenance of Traffic/Work Zone Safety:**
Safety of the public, as well as our own personnel, is a major concern of our team. Culpepper & Terpening, Inc., employees are experienced with MOT requirements and many staff members are certified in “Advanced Work Zone Traffic Control.” Our team members are cognizant of liability issues related to substandard MOT and pay careful attention to potential hazards.
- **OSHA Mine Safety:**
Several field staff personal are trained in open cut mine safety procedures.
- **Jessica Lunsford Act Certifications:**
Culpepper & Terpening employs surveyors, engineers, and construction inspectors that are Level II fingerprint screened and badged in order to perform work on in the vicinity of Public School properties pursuant to the Jessica Lunsford Act Certifications.
- **Staff Training – Field Technicians:**
Culpepper & Terpening has a training program for all new survey employees which is under the direction of Mr. Jonathan Jones, Survey Projects Manager.
- **Staff Training – Survey & Engineering Technicians:**
Culpepper & Terpening has a training program for all survey and engineering technicians, under the direction of Thomas P. Kiernan, PSM, Vice President/Director of Survey.

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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



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.



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



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
















Tab #4A Consultant's General Information Work Sheet

ATTACHMENT B - E-RFP #20230097
CONSULTANT'S GENERAL INFORMATION WORK SHEET
 E-RFP #20230097

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

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, Florida, this 21 day of Sept, 2023
 (Location)

Name of Organization/Consultant: 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: Thomas P. Kiernan, PSM Email: tkiernan@ct-eng.com

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

5. **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
No. 1	09-14-2023		

6. 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.



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

7. List any judgments from lawsuits in the last five (5) years:
None.

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

8. 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

COO

Title



Tab #4B Cone of Silence Form

ATTACHMENT B - E-RFP #20230097

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 Ms. Robyn Holder, Issuing Officer, for the procurement of these services.

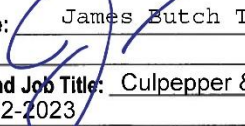
All questions regarding this Solicitation are to be submitted in writing to Robyn Holder, Procurement Manager with the Procurement Management Department via e-mail rholder@cityofpsl.com, or by phone 772-344-4293. Please reference the Solicitation number on all correspondence to the City.

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: 09-22-2023

**Tab #4C Consultant's Code of Ethics**

ATTACHMENT B - E-RFP #20230097



"A City for All Ages"

CONSULTANT'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 Consultant's Code of Ethics.

- ◆ A Consultant's bid or proposal will be competitive, consistent and appropriate to the bid documents.
- ◆ A Consultant 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.
- ◆ Consultant 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.
- ◆ Consultant will completely perform any contract awarded to it at the contracted price pursuant to the terms set forth in the contract.
- ◆ Consultant will submit timely, accurate and appropriate invoices for goods and/or services actually performed under the contract.
- ◆ Consultant 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.
- ◆ Consultant 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.
- ◆ Consultant 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.
- ◆ Consultant 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, Consultant



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must require their suppliers (including temporary labor agencies) to do the same. Consultant 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, Consultant 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, COO

Date 9/21/2023

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



Tab #4D E-Verify Form

ATTACHMENT B - E-RFP #20230097

E-Verify Form

Contractor 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.

E-Verify Company Identification Number 1633788

Date of Authorization 01-25-2021

Name of Contractor Culpepper & Terpening, Inc.

Name of Project Continuing Contracts for Survey & Mapping Services

Solicitation Number (If Applicable) e-RFP 20230097

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

Executed on September, 21, 20 23 in Fort Pierce (city), FL (state).



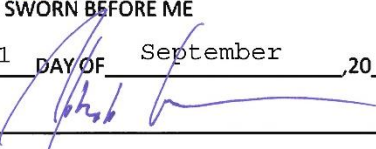
 Signature of Authorized Officer

James Butch Terpening

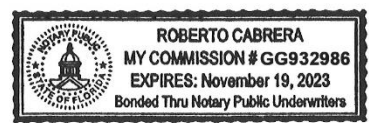
 Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME

ON THIS THE 21 DAY OF September, 20 23.

NOTARY PUBLIC 

My Commission Expires: 11-19-2023





Tab #4E Non-Collusion Affidavit

ATTACHMENT B - E-RFP #20230097

NON-COLLUSION AFFIDAVIT

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 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) [Signature]

(Title) COO



ATTACHMENT B - E-RFP #20230097

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

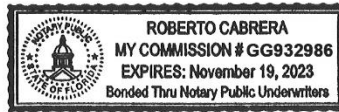
The foregoing instrument was acknowledged before me this (Date) September 21, 2023

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

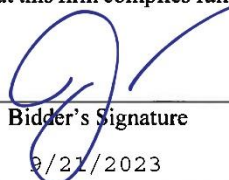
ATTACHMENT B - E-RFP #20230097

DRUG-FREE WORKPLACE FORM

The undersigned Contractor 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.



Bidder's Signature

9/27/2023

Date:



Tab #4G Vendor Certification Regarding Scrutinized Companies Form

ATTACHMENT B - E-RFP #20230097

VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES' LISTS

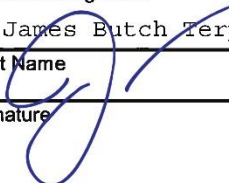
Vendor Name:	<u>Culpepper & Terpening, Inc.</u>
Vendor FEIN:	<u>59-2606420</u>
Authorized Representative's Name:	<u>James Butch Terpening</u>
Authorized Representative's Title:	<u>COO</u>
Address:	<u>2980 S 25th St</u>
City, State and Zip Code:	<u>Fort Pierce, FL 34981</u>
Phone Number:	<u>(772) 464-3537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

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

ATTACHMENT B - E-RFP #20230097

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 Survey & Mapping Services, Contract # 20230097.

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: -President- COO

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 21 day of September, 2023.

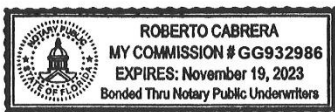
(SEAL)

[Signature]
Signature

Roberto Cabrera

Notary Name (typed or printed)

Title or Rank





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



CULPEPPER & TERPENING INC
 CONSULTING ENGINEERS | LAND SURVEYORS

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.

