

ERFP # 20210103 Design Services to Provide 40% Design Plans for the Hegener Drive Extension Phase 3 Project

Culpepper & Terpening, Inc. Response to Questions

1. What special concerns or accommodation will be utilized for this project to be successful and completed in a timely manner?

Response: We plan to use our 15 years of on the ground working knowledge in Southern Grove and our fully experienced Southern Grove C&T Team to provide the city with another successful project. Similar to what is currently being implemented with the SW Anthony F. Sansone Sr. Blvd project, a specific project schedule will be implemented and maintained. The proposed design completion in the RFQ includes a 120-calendar day contract duration. This equates to a 4-month design. We will intend to follow a three (3) phase milestone submittal process. This will comprise of (1) Corridor Alignment, Typical Sections, and Geotechnical Report, (2) Preliminary Horizontal Geometry and Preliminary Plat, and (3) 40% Plans & Utility Coordination. Our proposed team has committed to deliver the project within the 4-month duration. Our workload and staff is available to support our team's commitment. We will commit the same project team that is currently completing the Legacy Park Infrastructure Improvements which include Paar Drive, SW Anthony F. Sansone Sr. Blvd (Becker to Paar) and the southern most E/W connector roadway. Our Project Schedule will be maintained by the Stef (Project Manager) and status updates will be given by the project team members at each weekly meeting. Weekly team meeting minutes will be recorded and distributed by Eliot Brown (C&T Lead Design Engineer). The Schedule will focus on the phased submittal deliverables progress reporting and verification. Stef will have the overall responsibility of maintaining adherence to the schedule by monitoring the actual work effort vs. the budget expended.

Up front coordination with City and the Government Finance Corporation (GFC) staff to vet out any information with regards to development issues, and then period updates to any changes will be key to the delivery of an on time, successful project.

2. Are there any concerns on how the site will be handled with the conditions in the area of project?

Response: The project is located within the Southern Grove Community Development District (SGCDD) The SGCDD is responsible for the master drainage system and will need to be coordinated with to ensure that there is a sufficient master drainage system to accommodate the roadway, and future end users. Early coordination with the SGCDD will be paramount in establishing the drainage needs for the project and permitting any offsite drainage improvements required. This includes ensuring that historical and currently required drainage from other than the project limits be evaluated and accommodated through out the duration of the project.



Additionally, the SGCDD is the provider for the irrigation supply. Irrigation supply within this area will be from surface lake systems, therefor having a master stormwater pond adjacent to a portion of the roadway will be a key issue to siting the master stormwater system

The property under the ownership of the Government Finance Corporation (GFC). The GFC has certain agreements with the pervious land users, specifically the cattle ranchers for agricultural uses. Coordination with the ranchers, both from a land grazing use, and drainage system modification standpoint will need to be undertaken.

Lastly, the underlying soils within the area are know to be poor draining and difficult to work with during the wetter months of the year. We have found that the lower layers of the soils are indeed good for construction purposes. Construction of the master lake system should be coordinated with the construction of the roadway to best utilize the good fill that can be generated from the lake system.

- 3. If the city has concerns are you able to answer any questions or concerns in a timely manner? Response: Yes, we will provide a 24 hour turn around to email response to questions and be ready within a day's notice to meet with City representative that have questions of concerns with any aspect of the project. Additionally, the use of Bi-weekly project update meetings will allow for tracking of those concerns and their remedies on an ongoing basis.
- 4. Are all parties involved on the same page when it comes to the process and providing items or permits required to complete this project?

Response: Yes. All aspects of our design, survey, platting and permitting team, with the exception of Geotech will be performed by Culpepper & Terpening, Inc. here in our main office. The team that we have chosen for this project has worked together on all recent City projects, including the southern extension of the Hegener Drive roadway. Our working relationship with Ardaman & Associates (Geotechncial Engineer) is over 2 decades in the making, and they have never been late with any submittals with our firm.

5. In your experience working with the City and in Tradition/Southern Grove area on prior projects, what are some of the issues that you have encountered in the design, permitting, construction and turnover process that posed the greatest challenges regarding process and constructability?
Response: Given our recent, extensive experience with the SW Anthony F Sansone Sr. Blvd.
project (southern extension of the Hegener corridor), timing for the use of the proposed infrastructure for the new industrial and commercial end users will be critical.

The City's rapid expansion of the Southern Grove industrial corridor needs to be anticipated by the design of each aspect of the project infrastructure that will be required to open a new facility (business). Early coordination with, and accommodations for, each utility provider (City water,



City sewer, FPL Power, ATT Telecommunications, City Gas will be critical should a major end user of the system become a reality during the design process.

Out team is part of that exact scenario with the development of FEDEX, Project Senior, and Project Bullet which are all developing along SW Anthony F Sansone Sr. Blvd corridor. Our team is playing an integral role with the City's Development Team, Southern Grove CDD, developers engineer's, all utility providers, and construction contractor's to provide a fast-track completion of the necessary infrastructure to support the new businesses.

Additionally, ensuring that the platting of the roadway and development parcels is coordinated as part of the survey, design and permitting and approval process is critical to allow the appropriate parties to sign off on the various applications and approvals. This is particularly important with the project as the Government Finance Corporation entity is the current owner of the property, and the City will become the owner of the roadway and a third party, the ultimate end user of the development parcels.

From a geotechnical standpoint, most of the areas in Tradition are known to have shallow clayey soils which are difficult to work with. Ardaman will recommend techniques for handling and compacting clayey soils, and provide notice that difficulties handling and preparing the clayey soils may be encountered during construction, particularly if the construction is performed during the rainy season.

The clayey soils are not good for drainage as well. Also, the groundwater table is relatively shallow in the area and we will plan to collect 24-hour groundwater levels in the boreholes due to the shallow clayey soils. This will be important for obtaining accurate groundwater levels. Dewatering has also been an issue in some areas when deep utilities have to be installed. Ardaman's report will include a discussion of the drainage characteristics of the shallow soils and a discussion of potential dewatering challenges. This way the contractor will be prepared for these challenges prior to encountering the conditions on the site.

6. How did you overcome those issues?

Response: Understanding the complete needs of a new business, and early coordination with each entity from initial design to permitting, and finally through construction is critical to overcome foreseeable issues. Close coordination with all parties involved can make what could have been an unforeseen condition become an issue that can be successfully resolved.

Weekly team meetings with all parties involved, along with separate weekly construction meetings with the private utility providers has allowed the progress of the project to be monitored, with any required adjustments to project schedules taking place in a timely manner.



By highlighting the challenging construction related issues such as soil and groundwater level conditions on the site geotechnical design will provide guidance to the contractor with the following design parameters and/or developing the following specifications for the project:

- 1) Importing suitable sandy fill soils for construction;
- 2) Setting the proper roadway and swale grades;
- 3) Ensuring adequate drainage design; and
- 4) Considering the time of the construction (dry season) to help overcome the subsurface issues.
- 7. How would you avoid or minimize those issues on this project?

Response: As responded to 6 above. We have recently experienced the complete array of issues that need to be accounted for as part of the SW Anthony F Sansone Sr. Blvd project which is supplying the new FEDEX building with all of it's infrastructure needs. We will apply the lessons learned from this process to this project. This includes coordination with possible contractor's to provide information on the site conditions that will be encountered during construction activities including the clayey soils and shallow groundwater table in the area.

Mandatory Response Worksheet

These questions are Pass/Fail. To be considered responsive, responsible and eligible for award, you must answer all questions in this section.

DO NOT INCLUDE ANY COST INFORMATION IN YOUR RESPONSE TO THIS WORKSHEET.

| Question # | Questions per Proposal Factors/Categories | Response by Offeror. Only Yes or No Answers | | Attachment Name, File its located in and Page in your proposal |
|---------------|---|--|--------|---|
| | Proposal Factors | | | |
| 1 | List any criminal violations and/or convictions of the Proposer and/or any of its principals: (N/A is not an acceptable answer). | None. | IF YES | |
| 2 | Completed and uploaded PSL Location Form | See File #4 for detailed response. | IF YES | See File #4, Section 4.17, Page 27 |
| 3 | Is firm a minority business? | Yes | IF YES | See File #4, Section 4.05, Page 7 |
| 4 | Is the firm incorporated? YesNo If yes, in what state? | Yes, Florida | No | See File #4, Section 4.18, Page 28 |
| 5 | List any judgements from lawsuits in the last five (5) years: (N/A is not an acceptable answer). | None. | No | |
| 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: (N/A is not an acceptable answer). | See File #4 for detailed response. | IF YES | See File #4, Section 4.20, Page 30 |
| 7 | Has the Proposer or any of its principals ever been declared bankrupt or reorganized under Chapter 11 or put into receivership? | No. | IF YES | |
| 8 | Submitted all licenses and certifications required to perform this project. | See File #4 for detailed response. | Yes | See File #4, Section 4.21, Page 31 |
| 9 | Submitted a copy of their Insurance Certificate for the type and dollar amount of insurance they <u>currently maintain</u> . | See File #4 for detailed response. | Yes | See File #4, Section 4.22, Page 35 |
| 10 | Completed and uploaded E-Verify Form | See File #4 for detailed response. | Yes | See File #4, Section 4.23, Page 37 |
| 11 | Completed and uploaded Drug Free Workplace Form | See File #4 for detailed response. | Yes | See File #4, Section 4.24, Page 38 |
| 12 | Completed and uploaded Consultant Code of Ethics | See File #4 for detailed response. | Yes | See File #4, Section 4.25, Page 39 |
| 13 | Completed and uploaded Non-Collusion Affidavit | See File #4 for detailed response. | Yes | See File #4, Section 4.26, Page 40 |
| 14 | Completed and uploaded Cone of Silence Form | See File #4 for detailed response. | Yes | See File #4, Section 4.27, Page 41 |

| | Attackers and A | | | |
|----|--|-----------------|-----|----------------------|
| | Attachment A | See File #4 for | | |
| | | detailed | | See File #4, Section |
| 15 | Completed and uploaded Truth-In Negotiation Form | response. | Yes | 4.28, Page 42 |
| | | See File #4 for | | |
| | | detailed | | See File #4, Section |
| 16 | Submit W-9 | response. | Yes | 4.30, Page 45 |
| 17 | Completed and uploaded Mandatory Scored Responses. | See File#2. | Yes | File #2 |
| | | See File #4 for | | |
| | Completed and uploaded Contractor General Information Worksheet. | detailed | | See File #4, Section |
| 18 | | response. | Yes | 4.29, Page 43 |

Attachment B - Mandatory Scored Questions

Mandatory Scored Responses

Offerors must answer all the questions in this spreadsheet in the cell provided.

Failure to answer these questions will result in disqualification of the proposal.

Offerors must indicate whether their proposal meets the individual requirement and provide a supporting narrative in the space provided. The narrative description, along with any required supporting materials, will be evaluated and awarded points in accordance with Section 6 "Proposal Evaluation, Negotiations and Award" of this eRFP.

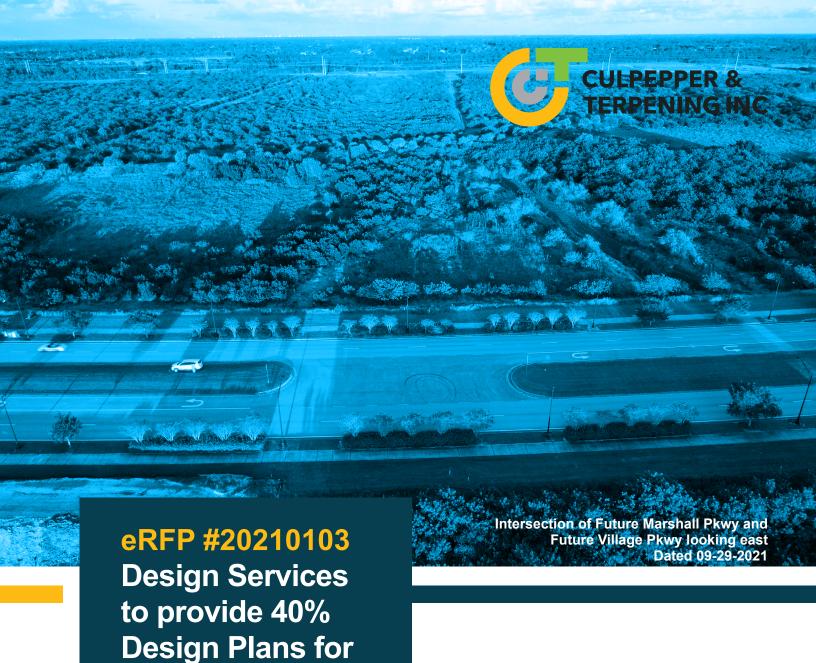
ONLY upload documents if there is a Yes in the "Upload Attachments?" column, to provide additional information about specific questions. Documents not requested in this column will not be evaluated.

DO NOT INCLUDE ANY COST INFORMATION IN YOUR RESPONSE TO THIS WORKSHEET.

| Question # | Questions per Proposal Factors/Categories | Response by Offeror | Upload Attachments? | Attachment Name |
|------------|--|---|------------------------|---|
| 1 | Please provide all documentation needed for Location. Proposer's Location - Location shall mean a business which meets the following criteria: # of Miles from City Hall to Assigned Staff's Office location 0-60 Miles 61-80 Miles 81-100 Miles 101-120 Miles 121-140 Miles | 2980 S. 25th Street, Fort Pierce, Florida 34981 | Υ | See file #4, Section 4.17, Page 27. |
| 2 | Woman/Veteran/Minority Owned Business. Does the Primary firm hold a Minority Business Certification by the Florida Department of Management Services, as described in section 8 of the document? If so, please attach. | No | Y | |
| 3 | Proposer's Work Plans. This section should include, but is not limited to, special concerns or accommodations needed for a successful project. | See file #4 for detailed response. | Y | See file #4, Section 4.06, Page 8. |
| 4 | Project plan. A project plan is a formal document designed to guide the control and execution of a project. A project plan is the key to a successful project and is the most important document that needs to be created when starting any business project. | See file #4 for detailed response. | Y | See file #4, Section 4.07, Page 12. |
| 5 | What is your proposed Management Plan for this project? Management Plan. This section shall describe the Firm's detailed plans for accomplishing the objectives of the project. It should include methods for planning, organizing, scheduling, coordinating, and administering the total effort. Explain the overall approach to the project. A submission of sample tables and graphs that are reflective of work typically performed by the consultant should be included in the proposal. | See file #4 for detailed response. | Y | See file #4, Section 4.08, Page 15. |
| 6 | Provide a listing of firm's current contracts. | See file #4 for detailed response. | Y | See file #4, Section 4.09, Page 18. |
| 7 | Please complete and attach Form 330 part I and II for evaluation of qualifications & staff/personnel. | See file #3 for detailed response. | Υ | See File #3. |
| 8 | <u>Executive summary.</u> This section should include the Firm's overall concept of the working relationship that will be required to successfully complete this project. The proposer shall provide an executive summary narrative containing information that indicates an understanding of the overall need for and purpose of the services presented in the RFP. | See file #4 for detailed response. | Y | See file #4, Section 4.03, Page 4. |

Attachment B - Mandatory Scored Questions

| 9 | <u>Value-added</u> <u>services.</u> This term is used for non-core services, or, all services beyond the identified scope. Does the firm recommend any optional value-added services? | See file #4 for detailed response. | Y | See file #4, Section 4.10, Page 19. |
|----|--|------------------------------------|---|---|
| 10 | Proposed Schedule. Making adjustment for issues that may arise during this project, what is your proposed schedule for this project? This section shall include a detailed breakdown and timelines for achieving the scope of work, with a delineation of assigned staff for each task associated with the project. Also include quality assurance efforts for the data collection and analysis tasks, a process for ensuring that no individual respondents will be identified, and a project timeline. The consultant must have sufficient equipment and personnel for back-up and/or emergencies to assure prompt scheduling and completion of services within the schedule. *Final project schedule will be negotiated with awarded firm. | See file #4 for detailed response. | Y | See file #4, Section 4.11, Page 21. |
| 11 | Other Material. Please include any additional material that may assist the City in evaluating the proposals and approach to the project. Pre-printed advertisements, brochures, and promotional material may be attached as additional information, but shall not serve as a substitute for a specific response. Attachment of brochures instead of the written response request will be grounds for disqualification or devaluation. A simple "yes" or "no" answer alone will not be acceptable unless clearly requested; an explanation shall be provided for each question/issue listed in this response outline. However, clarity and brevity of presentation, not length, will be favorably considered. | None | | |
| 12 | Innovation. Please outline any tools in the firms "toolbox" that can be considered innovative and that have proven to benefit the successful completion of similar projects recently. | See file #4 for detailed response. | | See file #4, Section 4.12, Page 22. |
| 13 | <u>Plat Preparation.</u> A portion of this project is the design of the plat for the required road rights-of-way, water management tract(s), and parcels for future development that will be accessed through the proposed roadways. Please describe your firms experience with plat preparation and provide examples. | See file #4 for detailed response. | Y | See file #4, Section 4.13, Page 23. |
| 14 | Roadway Design and Soil Conditions. The proposed roadways are located in the Southern Grove area of the City that is known to have soils that contain organics and can present challenges during construction. What design considerations could be considered to aid in the construction of these roadways? | See file #4 for detailed response. | Y | See file #4, Section 4.14, Page 23. |
| | FPL Coordination and Conduit Design. Coordination with FPL and design of the FPL conduits adjacent to the roadway ROW is also required with this project scope. What experience does your firm have with coordination and design of FPL conduit? | See file #4 for detailed response. | Y | See file #4, Section 4.15, Page 23. |



FILE #3

October 1, 2021 I 02:00 pm

the Hegener Drive

Extension Phase

PREPARED FOR

3 Project

City of Port St. Lucie 121 S.W. Port St. Lucie Blvd Port St. Lucie, Florida 34984 Tel. (772) 344-4068 www.cityofpsl.com C&T Project No. 21-187 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



File #3 Standard From 330

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State) : Port St. Lucie, Florida

2. PUBLIC NOTICE DATE : October 1, 2021

3. SOLICITATION OR PROJECT NUMBER : eRFP # 20210103

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE Stefan K. Matthes, P.E.

Sr. Vice President

5. NAME OF FIRM Culpepper & Terpening, Inc.

6. TELEPHONE NUMBER 772-464-3537 7. FAX NUMBER 772-464-9497

C. PROPOSED TEAM

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

| | *(C | Check) | | | | |
|---|-------|--------|-----|--|--|------------------------------------|
| | Prime | JV | Sub | 9. FIRM NAME | 10. ADDRESS | 11. ROLE IN THIS CONTRACT |
| А | х | | | Culpepper & Terpening, Inc. Check if Branch Office | 2980 S. 25th Street Ft. Pierce, Florida 34981 | Survey / Design |
| В | | | Х | Ardaman & Associates X Check if Branch Office | 460 NW Concourse Pl., Unit 1 Port St. Lucie, Florida 34986 | Geotechnical and Soils Analysis |
| С | | | Х | Landscape Design Associates, LLC Check if Branch Office | 25110 NW 182nd Avenue, HIgh Spings, FL 32643 | Landscape Architect |
| D | | | Х | EW Consultants, Inc. | 1000 SE Monterey Commons Blvd, Suite 208, Stuart FL 34996 | Environmental |
| E | | | | | | |

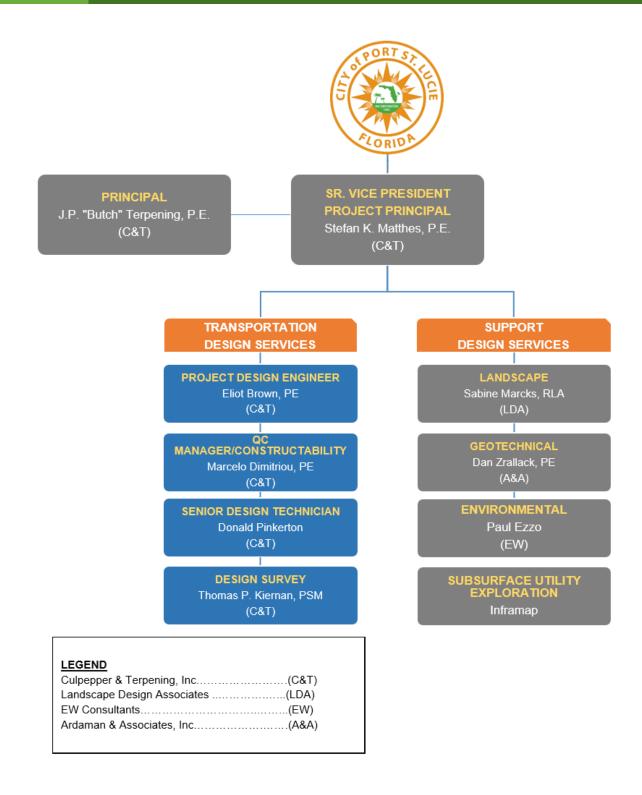
D. ORGANIZATIONAL CHART OF PROPOSED TEAM X (Attached)

AUTHORIZED FOR LOCAL REPRODUCTION STANDARD FORM 330 (6/2004) PAGE 1





Standard From 330





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

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | | | |
|-----------------------------|---------------------------|----------------------|----------------------|--|--|
| James P. "Butch" Terpening, | Principal in Charge | a. TOTAL | b. WITH CURRENT FIRM | | |
| PE | Principal in Charge | 43 | 32 | | |

15. FIRM NAME AND LOCATION (City and State)

Culpepper and Terpening, Inc., Fort Pierce, Florida

16. EDUCATION (Degree and Specialization):

BS Degree - Civil Engineering (1976)

17. CURRENT PROFESSIONAL REGISTRATION (St.& Discipline)

State of Fla – Bd. of Professional Engineers – 24276 (1980)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Florida Engineering Society; American Society of Civil Engineers; National Professional Engineers Society; American Water Works Association; FDOT LAP Training

| | 19. RELEVANT PR | ROJECTS | | |
|--|--|--|--|---|
| (1) TITLE AND LOC | ATION (City and State) | (2) YEAF | R COMPLETED | |
| Project Name: | Southern Grove Plat No. 33, SW Anthony F. Sansone Sr. Blvd. | PROFES | SIONAL SERVICES | CONSTRUCTION (If applicable |
| Location: | City of Port St. Lucie, Florida | 2020 | | 2021 (ongoin) |
| (3) BRIEF DESCRIP | FION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | X | Check if project perform | ed with current firm |
| 4,400 linear feet of | and CEI for the construction of SW Anthony F. Sansone Sr. Blvd. from Be urban 4 lane divided and rural 2 lane undivided roadway; 4,400 linear fef 8" gravity sewer; central lift station; landscape, lighting and irrigation. | | | |
| (1) TITLE AND LOC | ATION (City and State) | (2) YEAF | R COMPLETED | |
| Project Name: | Becker Road Phase 2 and 3 | PROFES | SIONAL SERVICES | CONSTRUCTION (If applicable |
| Location: | City of Port St. Lucie, Florida | 2018/20 | 019 | Pending |
| (3) BRIEF DESCRIP | FION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | X | Check if project perform | ed with current firm |
| lighting and landso | ction. The design also include new roundabouts at Veranda Gardens and cape improvements. ATION (City and State) | | | dway, drainage, multi-use paths, str |
| (1) TITLE AND LOC | ATION (City and State) | | R COMPLETED | |
| | | | | |
| Project Name: | Fisherman's Wharf / Avenue H | | SSIONAL SERVICES | |
| Location: | City of Ft. Pierce, Florida | 2017/18 | 8 | Pending |
| Location: (3) BRIEF DESCRIP | City of Ft. Pierce, Florida FION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | 2017/18 X | Check if project perform | ed with current firm |
| Location: (3) BRIEF DESCRIP Culpepper & Terpe North Indian River | City of Ft. Pierce, Florida FION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ning, Inc. (C&T), is providing the survey, design and permitting services to the eastern termini of the road at the Indian River Lagoon, in the volume of the River Lagoon River Ri | 2017/18 X to St. Lucie Cou | Check if project performantly for the reconstruction erce. The project will result | Pending ed with current firm of Fisherman's Wharf/Avenue H fron in the reconstruction of the existing |
| Location: (3) BRIEF DESCRIP Culpepper & Terpe North Indian River roadway into a downaritime section of | City of Ft. Pierce, Florida FION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ning, Inc. (C&T), is providing the survey, design and permitting services to the eastern termini of the road at the Indian River Lagoon, in the volume of the River Lagoon River Ri | 2017/18 X to St. Lucie Cou ne Port of Ft. Pie tscape and pro | Check if project performantly for the reconstruction erce. The project will result | Pending ed with current firm of Fisherman's Wharf/Avenue H fron in the reconstruction of the existing |
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| Location: (3) BRIEF DESCRIP Culpepper & Terpe North Indian River roadway into a dox maritime section of (1) TITLE AND LOC | City of Ft. Pierce, Florida FION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ning, Inc. (C&T), is providing the survey, design and permitting services to Drive to the eastern termini of the road at the Indian River Lagoon, in the wintown urban corridor which will be consistent with the Ft. Pierce street of the Port area. ATION (City and State) | 2017/18 X to St. Lucie Couse Port of Ft. Pietscape and pro | Check if project performantly for the reconstruction erce. The project will result wide a buffer between the construction of t | Pending ed with current firm of Fisherman's Wharf/Avenue H fror in the reconstruction of the existing commercial development and indus |
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| Location: (3) BRIEF DESCRIP Culpepper & Terpe North Indian River roadway into a downaritime section of (1) TITLE AND LOC Project Name: Location: (3) BRIEF DESCRIP Culpepper & Terpe project was funded and drainage syste harmonization of toot be jeopardized. | City of Ft. Pierce, Florida FION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ning, Inc. (C&T), is providing the survey, design and permitting services to Drive to the eastern termini of the road at the Indian River Lagoon, in the wintown urban corridor which will be consistent with the Ft. Pierce street of the Port area. ATION (City and State) 10th Street Reconstruction Project City of Ft. Pierce, Florida FION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ning, Inc. (C&T) provided survey, design and permitting services for the individual of the American Resource Recovery Act (ARRA) for damage done on, enhanced pedestrian facilities, on street parking, signalization, street he existing residential homes located along the entire corridor. The project | 2017/18 X to St. Lucie Coule Port of Ft. Pietscape and pro (2) YEAF PROFES 2010 X reconstruction e in 2009 storm t lighting and laject was design | Check if project performance of the reconstruction of the reconstruction of the project will result wide a buffer between the construction of the reconstruction of the reconstr | Pending ed with current firm of Fisherman's Wharf/Avenue H fron in the reconstruction of the existing commercial development and indus CONSTRUCTION (If applicable 2012 ed with current firm e Avenue to Moore's Creek. The uded reconstruction of the roadway pecial attention was given to the |
| Location: (3) BRIEF DESCRIP Culpepper & Terpe North Indian River roadway into a downaritime section of (1) TITLE AND LOC Project Name: Location: (3) BRIEF DESCRIP Culpepper & Terpe project was funded and drainage syste harmonization of toot be jeopardized. | City of Ft. Pierce, Florida FION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Ining, Inc. (C&T), is providing the survey, design and permitting services to Drive to the eastern termini of the road at the Indian River Lagoon, in the windown urban corridor which will be consistent with the Ft. Pierce street of the Port area. ATION (City and State) 10th Street Reconstruction Project City of Ft. Pierce, Florida FION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Ining, Inc. (C&T) provided survey, design and permitting services for the latthrough the American Resource Recovery Act (ARRA) for damage done on, enhanced pedestrian facilities, on street parking, signalization, street he existing residential homes located along the entire corridor. The project. | 2017/18 X to St. Lucie Coule Port of Ft. Pietscape and pro (2) YEAF PROFES 2010 X reconstruction e in 2009 storm tlighting and ligiect was design (2) YEAF | Check if project performantly for the reconstruction arece. The project will result wide a buffer between the construction and the construction of a COMPLETED and SERVICES Check if project performance of 10th Street from Orange and 10th Street from Oran | Pending ed with current firm of Fisherman's Wharf/Avenue H fron in the reconstruction of the existing commercial development and indus CONSTRUCTION (If applicable 2012 ed with current firm e Avenue to Moore's Creek. The uded reconstruction of the roadway pecial attention was given to the |
| Location: (3) BRIEF DESCRIP Culpepper & Terpe North Indian River roadway into a do maritime section of (1) TITLE AND LOC Project Name: Location: (3) BRIEF DESCRIP Culpepper & Terpe project was funded and drainage syste harmonization of t not be jeopardized (1) TITLE AND LOC | City of Ft. Pierce, Florida FION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Ining, Inc. (C&T), is providing the survey, design and permitting services to Drive to the eastern termini of the road at the Indian River Lagoon, in the windown urban corridor which will be consistent with the Ft. Pierce street of the Port area. ATION (City and State) 10th Street Reconstruction Project City of Ft. Pierce, Florida FION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Ining, Inc. (C&T) provided survey, design and permitting services for the lathrough the American Resource Recovery Act (ARRA) for damage done m, enhanced pedestrian facilities, on street parking, signalization, street he existing residential homes located along the entire corridor. The project. ATION (City and State) | 2017/18 X to St. Lucie Coule Port of Ft. Pietscape and pro (2) YEAF PROFES 2010 X reconstruction e in 2009 storm tlighting and ligiect was design (2) YEAF | Check if project performantly for the reconstruction erce. The project will result wide a buffer between the construction of R COMPLETED SIONAL SERVICES Check if project performantly of 10th Street from Orange is. The 1/2 mile project included and scape improvements. Since the month time frame is a COMPLETED SIONAL SERVICES | Pending ed with current firm of Fisherman's Wharf/Avenue H fron in the reconstruction of the existing commercial development and indus CONSTRUCTION (If applicable 2012 ed with current firm e Avenue to Moore's Creek. The uded reconstruction of the roadway pecial attention was given to the e to insure that the ARRA funding w |



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

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | | |
|-----------------------|---------------------------|----------------------|----------------------|--|
| Ctofon V Motthes DE | 25 2 3 4 4 | a. TOTAL | b. WITH CURRENT FIRM | |
| Stefan K. Matthes, PE | Project Manager | 39 | 29 | |

15. FIRM NAME AND LOCATION (City and State)

Culpepper and Terpening, Inc., Fort Pierce, Florida

16. EDUCATION (Degree and Specialization):

BS Degree - Civil Engineering (1981)

17. CURRENT PROFESSIONAL REGISTRATION (St. & Discipline)

State of Florida - Bd of Professional Engineers 38723 (1986)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Institute of Transportation Engineers; Florida Engineering Society; American Society of Civil Engineers; American Planning Association; Advance Work Zone MOT Certified; ADA Accessibility (DPFA) certified; FDEP Stormwater Certified; LAP Trained.

| | 19. RELEVANT PRO | DJECTS | | |
|--|--|--|--|--|
| (1) TITLE AND LO | CATION (City and State) | (2) YEAF | RCOMPLETED | |
| Project Name: | Southern Grove Plat No. 33, SW Anthony F. Sansone Sr. Blvd. | PROFES | SIONAL SERVICES | CONSTRUCTION (If applicable) |
| Location: | City of Port St. Lucie, Florida | 2020 | | 2021 (ongoin) |
| (3) BRIEF DESCRIP | TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | Х | Check if project performed | with current firm |
| 4,400 linear feet o | g and CEI for the construction of SW Anthony F. Sansone Sr. Blvd. from Bec f urban 4 lane divided and rural 2 lane undivided roadway; 4,400 linear fee of 8″ gravity sewer; central lift station; landscape, lighting and irrigation. | | | , , |
| (1) TITLE AND LO | CATION (City and State) | (2) YEAF | RCOMPLETED | |
| Project Name: | Becker Road Phase 2 and 3 | PROFES | SIONAL SERVICES | CONSTRUCTION (If applicable |
| Location: | City of Port St. Lucie, Florida | 2018/20 | 019 | Pending |
| (3) BRIEF DESCRIP | TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | X | Check if project performed | with current firm |
| urban roadway se lighting and lands | ucie. The 2 mile long project includes the widening of Becker Road from ection. The design also include new roundabouts at Veranda Gardens and cape improvements. | Gilson Road. | Improvements include roadv | |
| (1) TITLE AND LOC | CATION (City and State) | (2) YEAF | R COMPLETED | |
| Project Name: | Fisherman's Wharf / Avenue H | PROFES | SIONAL SERVICES | CONSTRUCTION (If applicable |
| Location: | City of Ft. Pierce, Florida | 2017/18 | 3 | Pending |
| (3) BRIEF DESCRIP | TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | X | Check if project performed | l with current firm |
| | | | | |
| North Indian Rive | ening, Inc. (C&T), is providing the survey, design and permitting services to Drive to the eastern termini of the road at the Indian River Lagoon, in the wntown urban corridor which will be consistent with the Ft. Pierce streets of the Port area. | Port of Ft. Pie | erce. The project will result in | the reconstruction of the existing |
| North Indian River roadway into a do maritime section o | Drive to the eastern termini of the road at the Indian River Lagoon, in the wntown urban corridor which will be consistent with the Ft. Pierce streets | Port of Ft. Pie cape and pro | erce. The project will result in | the reconstruction of the existing |
| North Indian River roadway into a do maritime section o | Drive to the eastern termini of the road at the Indian River Lagoon, in the wntown urban corridor which will be consistent with the Ft. Pierce streets of the Port area. | Port of Ft. Pie cape and pro (2) YEAF | erce. The project will result in wide a buffer between the co | the reconstruction of the existing mmercial development and indus |
| North Indian River roadway into a do maritime section ((1) TITLE AND LOC | Drive to the eastern termini of the road at the Indian River Lagoon, in the wntown urban corridor which will be consistent with the Ft. Pierce streets of the Port area. ATION (City and State) | Port of Ft. Pie cape and pro (2) YEAF | erce. The project will result in vide a buffer between the co | the reconstruction of the existing mmercial development and indus |
| North Indian River roadway into a do maritime section ((1) TITLE AND LOC Project Name: Location: | Drive to the eastern termini of the road at the Indian River Lagoon, in the wntown urban corridor which will be consistent with the Ft. Pierce streets of the Port area. EATION (City and State) 10th Street Reconstruction Project | Port of Ft. Pie cape and pro (2) YEAF PROFES | erce. The project will result in vide a buffer between the co | the reconstruction of the existing mmercial development and indus CONSTRUCTION (If applicable 2012 |
| North Indian River roadway into a do maritime section (1) TITLE AND LOC Project Name: Location: (3) BRIEF DESCRIP Culpepper & Terpe project was funde and drainage systi | Drive to the eastern termini of the road at the Indian River Lagoon, in the wntown urban corridor which will be consistent with the Ft. Pierce streets of the Port area. EATION (City and State) 10th Street Reconstruction Project City of Ft. Pierce, Florida TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ening, Inc. (C&T) provided survey, design and permitting services for the red through the American Resource Recovery Act (ARRA) for damage done is em, enhanced pedestrian facilities, on street parking, signalization, street lithe existing residential homes located along the entire corridor. The proje | Port of Ft. Piecape and pro (2) YEAF PROFES 2010 X construction n 2009 storm ghting and la | erce. The project will result in vide a buffer between the constitution of the constit | the reconstruction of the existing mmercial development and industrial development deve |
| North Indian River roadway into a do maritime section (1) TITLE AND LOC Project Name: Location: (3) BRIEF DESCRIF Culpepper & Terpe project was funde and drainage systharmonization of not be jeopardized | Drive to the eastern termini of the road at the Indian River Lagoon, in the wntown urban corridor which will be consistent with the Ft. Pierce streets of the Port area. EATION (City and State) 10th Street Reconstruction Project City of Ft. Pierce, Florida TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ening, Inc. (C&T) provided survey, design and permitting services for the red through the American Resource Recovery Act (ARRA) for damage done is em, enhanced pedestrian facilities, on street parking, signalization, street lithe existing residential homes located along the entire corridor. The proje | Port of Ft. Piecape and pro (2) YEAF PROFES 2010 X construction n 2009 storm ghting and lact was design | erce. The project will result in vide a buffer between the constitution of the constit | the reconstruction of the existing mmercial development and indust CONSTRUCTION (If applicable 2012 I with current firm wenue to Moore's Creek. The led reconstruction of the roadway ecial attention was given to the |
| North Indian River roadway into a do maritime section (1) TITLE AND LOC Project Name: Location: (3) BRIEF DESCRIF Culpepper & Terpe project was funde and drainage systharmonization of not be jeopardized | r Drive to the eastern termini of the road at the Indian River Lagoon, in the wntown urban corridor which will be consistent with the Ft. Pierce streets of the Port area. CATION (City and State) 10th Street Reconstruction Project City of Ft. Pierce, Florida TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ening, Inc. (C&T) provided survey, design and permitting services for the red through the American Resource Recovery Act (ARRA) for damage done i em, enhanced pedestrian facilities, on street parking, signalization, street lithe existing residential homes located along the entire corridor. The project. | Port of Ft. Piecape and pro (2) YEAF PROFES 2010 X construction n 2009 storm ghting and lact was design (2) YEAF | erce. The project will result in vide a buffer between the consideration of the constant of th | the reconstruction of the existing mmercial development and industrial development deve |
| North Indian River roadway into a do maritime section (1) TITLE AND LOC Project Name: Location: (3) BRIEF DESCRIF Culpepper & Terpe project was funde and drainage systharmonization of not be jeopardized (1) TITLE AND LOC | To Drive to the eastern termini of the road at the Indian River Lagoon, in the wintown urban corridor which will be consistent with the Ft. Pierce streets of the Port area. CATION (City and State) 10th Street Reconstruction Project City of Ft. Pierce, Florida TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ening, Inc. (C&T) provided survey, design and permitting services for the red through the American Resource Recovery Act (ARRA) for damage done i em, enhanced pedestrian facilities, on street parking, signalization, street lithe existing residential homes located along the entire corridor. The project. CATION (City and State) | Port of Ft. Piecape and pro (2) YEAF PROFES 2010 X construction n 2009 storm ghting and lact was design (2) YEAF | cree. The project will result in wide a buffer between the cook of COMPLETED SIONAL SERVICES Check if project performed of 10th Street from Orange A is. The 1/2 mile project includendscape improvements. Spend in a 6 month time frame to a COMPLETED SIONAL SERVICES | the reconstruction of the existing mmercial development and industrial development deve |



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

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | | | |
|-----------------|---------------------------|----------------------|----------------------|--|--|
| Fligt Proven DF | Lood Dosina Faminaca | a. TOTAL | b. WITH CURRENT FIRM | | |
| Eliot Brown, PE | Lead Design Engineer | 10 | 3 | | |

15. FIRM NAME AND LOCATION (City and State)
 16. EDUCATION (Degree and Specialization):
 17. Culpepper and Terpening, Inc., Fort Pierce, Florida
 18. EDUCATION (Degree and Specialization):

17. CURRENT PROFESSIONAL REGISTRATION (St.& Discipline) Registered Professional Engineer, Florida 85263 (2017)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
HCS 2019 Software Training, HCS 2019 Software training, Member of the Florida Engineering Society, Toast Masters of Ft. Pierce

| | 19. RELEVANT P | PROJECTS | | |
|--|--|--|--|---|
| (1) TITLE AND LOC | CATION (City and State) | (2) YEAF | R COMPLETED | |
| Project Name: | Southern Grove Plat No. 33, SW Anthony F. Sansone Sr. Blvd. | PROFES | SSIONAL SERVICES | CONSTRUCTION (If applicable) |
| Location: | City of Port St. Lucie, Florida | 2020 | | 2021 (ongoin) |
| (3) BRIEF DESCRIP | TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | Χ | Check if project perform | ned with current firm |
| 4,400 linear feet o | g and CEI for the construction of SW Anthony F. Sansone Sr. Blvd. from B f urban 4 lane divided and rural 2 lane undivided roadway; 4,400 linear f of 8" gravity sewer; central lift station; landscape, lighting and irrigation. | feet of 12" potal | | |
| (1) TITLE AND LOC | EATION (City and State) | (2) YEAF | R COMPLETED | |
| Project Name: | Becker Road Phase 2 and 3 | PROFES | SSIONAL SERVICES | CONSTRUCTION (If applicable |
| Location: | Port St. Lucie, Florida | 2018/20 | 019 | Pending |
| (3) BRIEF DESCRIP | TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | Х | Check if project perform | ned with current firm |
| lighting and lands | ction. The design also include new roundabouts at Veranda Gardens an cape improvements. | | | dway, drainage, multi-use paths, stre |
| | | | | |
| | CATION (City and State) | | R COMPLETED | CONSTRUCTION (6 II II II |
| Project Name: | Torino Parkway & Cashmere Blvd Roundabout | PROFES | SSIONAL SERVICES | |
| | | | | CONSTRUCTION (If applicable Pending |
| Project Name: Location: (3) BRIEF DESCRIP | Torino Parkway & Cashmere Blvd Roundabout City of Port St. Lucie, Florida TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | PROFES 2019 X | SSIONAL SERVICES Check if project perform | ned with current firm |
| Project Name: Location: (3) BRIEF DESCRIP Culpepper & Terpe and Cashmere Boo | Torino Parkway & Cashmere Blvd Roundabout City of Port St. Lucie, Florida | PROFES 2019 X s to the implement | Check if project performentation of a new roundab | Pending ned with current firm out at the intersection of Torino Parks |
| Project Name: Location: (3) BRIEF DESCRIF Culpepper & Terpe and Cashmere Bod design is being fast | Torino Parkway & Cashmere Blvd Roundabout City of Port St. Lucie, Florida TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ening, Inc. (C&T), is providing the survey, design and permitting services allevard in northern Port St. Lucie. The design includes roadway, drainage | PROFES 2019 X s to the implementation of the property of the implementation of the property o | Check if project performentation of a new roundab | Pending ned with current firm out at the intersection of Torino Parks |
| Project Name: Location: (3) BRIEF DESCRIF Culpepper & Terpe and Cashmere Bod design is being fast | Torino Parkway & Cashmere Blvd Roundabout City of Port St. Lucie, Florida TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ening, Inc. (C&T), is providing the survey, design and permitting services ulevard in northern Port St. Lucie. The design includes roadway, drainagent tracked to meet the City's 1/2 cent sales tax goals. | PROFES 2019 X s to the implementation of the province of the implementation of the impl | Check if project perform entation of a new roundab signing & pavement marki | Pending ned with current firm out at the intersection of Torino Parkings, landscaping and Street lighting. |
| Project Name: Location: (3) BRIEF DESCRIF Culpepper & Terpe and Cashmere Bodesign is being fast (1) TITLE AND LOC | Torino Parkway & Cashmere Blvd Roundabout City of Port St. Lucie, Florida TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ening, Inc. (C&T), is providing the survey, design and permitting services ulevard in northern Port St. Lucie. The design includes roadway, drainage it tracked to meet the City's 1/2 cent sales tax goals. EATION (City and State) | PROFES 2019 X s to the implementation of the province of the implementation of the impl | Check if project perform entation of a new roundab signing & pavement marki | Pending ned with current firm out at the intersection of Torino Parkings, landscaping and Street lighting. |
| Project Name: Location: (3) BRIEF DESCRIF Culpepper & Terpe and Cashmere Bo design is being fa: (1) TITLE AND LOC Project Name: Location: | Torino Parkway & Cashmere Blvd Roundabout City of Port St. Lucie, Florida TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ening, Inc. (C&T), is providing the survey, design and permitting services ulevard in northern Port St. Lucie. The design includes roadway, drainag at tracked to meet the City's 1/2 cent sales tax goals. CATION (City and State) CR 707 (Beach Road) | PROFES 2019 X 4 to the implement of the proundabout (2) YEAF PROFES | Check if project perform entation of a new roundab signing & pavement marki | Pending ned with current firm out at the intersection of Torino Parkings, landscaping and Street lighting. CONSTRUCTION (If applicable Pending |
| Project Name: Location: (3) BRIEF DESCRIP Culpepper & Terpe and Cashmere Boo design is being fas: (1) TITLE AND LOC Project Name: Location: (3) BRIEF DESCRIP Culpepper & Terpe County line to Bric | Torino Parkway & Cashmere Blvd Roundabout City of Port St. Lucie, Florida TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ening, Inc. (C&T), is providing the survey, design and permitting services ulevard in northern Port St. Lucie. The design includes roadway, drainage at tracked to meet the City's 1/2 cent sales tax goals. EATION (City and State) CR 707 (Beach Road) Martin County, Florida | 2019 X S to the implementation of the imple | Check if project performentation of a new roundab signing & pavement marking COMPLETED SSIONAL SERVICES Check if project performor CR 707 (Beach Road) on the county Standards, miles | Pending ned with current firm out at the intersection of Torino Parkings, landscaping and Street lighting. CONSTRUCTION (If applicable Pending ned with current firm Jupiter Island from the Palm Beach |
| Project Name: Location: (3) BRIEF DESCRIF Culpepper & Terpa and Cashmere Boi design is being fas: (1) TITLE AND LOC Project Name: Location: (3) BRIEF DESCRIF Culpepper & Terpa County line to Bric adjustments to th | Torino Parkway & Cashmere Blvd Roundabout City of Port St. Lucie, Florida TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ening, Inc. (C&T), is providing the survey, design and permitting services ulevard in northern Port St. Lucie. The design includes roadway, drainag at tracked to meet the City's 1/2 cent sales tax goals. EATION (City and State) CR 707 (Beach Road) Martin County, Florida TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ening, Inc. (C&T), is providing the design and permitting services for road lige Road. The improvements include widening portions of the roadway | PROFES 2019 X to the implement of the | Check if project performentation of a new roundab signing & pavement marking COMPLETED SSIONAL SERVICES Check if project performor CR 707 (Beach Road) on the county Standards, miles | Pending ned with current firm out at the intersection of Torino Parkings, landscaping and Street lighting. CONSTRUCTION (If applicable Pending ned with current firm Jupiter Island from the Palm Beach |
| Project Name: Location: (3) BRIEF DESCRIF Culpepper & Terpa and Cashmere Boi design is being fas: (1) TITLE AND LOC Project Name: Location: (3) BRIEF DESCRIF Culpepper & Terpa County line to Bric adjustments to th | Torino Parkway & Cashmere Blvd Roundabout City of Port St. Lucie, Florida TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ening, Inc. (C&T), is providing the survey, design and permitting services sulevard in northern Port St. Lucie. The design includes roadway, drainage it tracked to meet the City's 1/2 cent sales tax goals. EATION (City and State) CR 707 (Beach Road) Martin County, Florida TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ening, Inc. (C&T), is providing the design and permitting services for road lage Road. The improvements include widening portions of the roadway etclear zone to minimize impacts to the existing residential properties for the company of the roadway and the survey of the roadway and the surve | PROFES 2019 X S to the implement of t | Check if project perform entation of a new roundab signing & pavement marki R COMPLETED SSIONAL SERVICES Check if project perform of CR 707 (Beach Road) on num County Standards, mil side of the roadway. | Pending ned with current firm out at the intersection of Torino Parkings, landscaping and Street lighting. CONSTRUCTION (If applicable Pending ned with current firm Jupiter Island from the Palm Beach |
| Project Name: Location: (3) BRIEF DESCRIP Culpepper & Terpe and Cashmere Bod design is being fast (1) TITLE AND LOC Project Name: Location: (3) BRIEF DESCRIP Culpepper & Terpe County line to Brid adjustments to th (1) TITLE AND LOC | Torino Parkway & Cashmere Blvd Roundabout City of Port St. Lucie, Florida TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ening, Inc. (C&T), is providing the survey, design and permitting services ulevard in northern Port St. Lucie. The design includes roadway, drainag at tracked to meet the City's 1/2 cent sales tax goals. EATION (City and State) CR 707 (Beach Road) Martin County, Florida TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ening, Inc. (C&T), is providing the design and permitting services for road lage Road. The improvements include widening portions of the roadway e clear zone to minimize impacts to the existing residential properties lo | PROFES 2019 X S to the implement of t | Check if project performentation of a new roundabsigning & pavement marking R COMPLETED SSIONAL SERVICES Check if project performof CR 707 (Beach Road) on the county Standards, mileside of the roadway. R COMPLETED SSIONAL SERVICES | Pending ned with current firm out at the intersection of Torino Parkings, landscaping and Street lighting. CONSTRUCTION (If applicable Pending ned with current firm Jupiter Island from the Palm Beach ling and resurfacing and selective |



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

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | | |
|-----------------------|-----------------------------------|----------------------|----------------------|--|
| Marcala Dimitrian DE | Quality Control/ Constructibility | a. TOTAL | b. WITH CURRENT FIRM | |
| Marcelo Dimitriou, PE | Reviews | 31 | 11 | |

FIRM NAME AND LOCATION (City and State)
 Culpepper and Terpening, Inc., Fort Pierce, Florida
 EDUCATION (Degree and Specialization):
 B.S. in Civil Engineering, Northeastern University, 1988

Graduate Courses in Const. Mgt, Northeastern University
17. CURRENT PROFESSIONAL

Massachusetts Professional Engineer License No.: 38742

Florida Professional Engineer License No.: 59005

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
(CTQP ID D536-545-65-184-0); Advanced Maintenance of Traffic Cert.; CTQP QC Manager; CTQP Asphalt Paving Inspection Lvls 1 & 2; Erosion Control and Stormwater Mgt.; Parsons Project Management Training; Site Manager Training; Claims & Changes (Bechtel); Caissons (Bechtel); Soil Stabilization (Bechtel); and Support of

| | | 19. RELEVANT PRO | JECTS | | | | |
|----|--|---|--|--|--|--|--|
| | (1) TITLE AND LO | CATION (City and State) | (2) YEAF | R COMPLETED | | | |
| | Project Name: | Crosstown Parkway Segment 2 & 4 | PROFES | SIONAL SERVICES | CONSTRUCTION (If applicable | | |
| | Location: | City of Port St. Lucie, Florida | 2005/20 | 006 | 2007/2008 | | |
| а. | (3) BRIEF DESCRIF | TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | Х | Check if project performed w | vith current firm | | |
| | Culpepper & Terpening, Inc. (C&T), provided survey, design, permitting and CEI for the construction of 6.2 miles of suburban arterial roadway through the central core of the City of Port St. Lucie from Manth Lane to the I-95 Overpass. The project included roadway, drainage, offsite ponds, multi-use pathways, landscaping, water and sewer relocations, street lighting, signalization and a bermed landscape buffer for the adjacent residential communities. | | | | | | |
| | (1) TITLE AND LO | CATION (City and State) | (2) YEAF | R COMPLETED | | | |
| | Project Name: | Southern Grove Plat No. 33, SW Anthony F. Sansone Sr. Blvd. | PROFES | SIONAL SERVICES | CONSTRUCTION (If applicable | | |
| | Location: | City of Port St. Lucie, Florida | 2020 | | 2021 (ongoin) | | |
| | (3) BRIEF DESCRIF | TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | Х | Check if project performed w | vith current firm | | |
| | 4,400 linear feet o | g and CEI for the construction of SW Anthony F. Sansone Sr. Blvd. from Beck f urban 4 lane divided and rural 2 lane undivided roadway; 4,400 linear feet of 8" gravity sewer; central lift station; landscape, lighting and irrigation. | | | , , | | |
| | (1) TITLE AND LOCATION (City and State) | | (2) YEAF | RCOMPLETED | | | |
| | Project Name: | 10th Street Reconstruction Project | PROFES | SIONAL SERVICES | CONSTRUCTION (If applicable | | |
| | Location: | Okeechobee County, Florida | 2010 | | 2012 | | |
| | (3) BRIEF DESCRIF | TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | X | Check if project performed w | vith current firm | | |
| | Culpepper & Terpening, Inc. (C&T) provided survey, design and permitting services for the reconstruction of 10th Street from Orange Avenue to Moore's Creek. The project was funded through the American Resource Recovery Act (ARRA) for damage done in 2009 storms. The 1/2 mile project included reconstruction of the roadway and drainage system, enhanced pedestrian facilities, on street parking, signalization, street lighting and landscape improvements. | | | | | | |
| | | | ig and lands | cape improvements. | | | |
| | drainage system, | | | R COMPLETED | | | |
| | drainage system, | enhanced pedestrian facilities, on street parking, signalization, street lightir | (2) YEAF | | CONSTRUCTION (If applicable | | |
| | drainage system, (1) TITLE AND LOG | enhanced pedestrian facilities, on street parking, signalization, street lightin | (2) YEAF | R COMPLETED SIONAL SERVICES | CONSTRUCTION (If applicable | | |
| | drainage system, (1) TITLE AND LOG Project Name: Location: | enhanced pedestrian facilities, on street parking, signalization, street lightin CATION (City and State) Fisherman's Wharf / Avenue H | (2) YEAF | R COMPLETED SIONAL SERVICES | | | |
| | drainage system, (1) TITLE AND LOG Project Name: Location: (3) BRIEF DESCRIF Culpepper & Terp North Indian Rive roadway into a do | enhanced pedestrian facilities, on street parking, signalization, street lightin CATION (City and State) Fisherman's Wharf / Avenue H City of Ft. Pierce, Florida | (2) YEAF PROFES 2016/17 X St. Lucie Cou | Check if project performed wanty for the reconstruction of Fierce. The project will result in the | Pending vith current firm sherman's Wharf/Avenue H fron he reconstruction of the existing | | |
| | drainage system, (1) TITLE AND LOG Project Name: Location: (3) BRIEF DESCRIF Culpepper & Terp North Indian Rive roadway into a do and industrial ma | Enhanced pedestrian facilities, on street parking, signalization, street lighting. CATION (City and State) Fisherman's Wharf / Avenue H City of Ft. Pierce, Florida CTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ening, Inc. (C&T), is providing the survey, design and permitting services to reprive to the eastern termini of the road at the Indian River Lagoon, in the I wintown urban corridor which will be consistent with the Ft. Pierce streetscomes. | (2) YEAF PROFES 2016/1: X St. Lucie Cou | Check if project performed wanty for the reconstruction of Fierce. The project will result in the | Pending vith current firm sherman's Wharf/Avenue H fronter reconstruction of the existing | | |
| | drainage system, (1) TITLE AND LOG Project Name: Location: (3) BRIEF DESCRIF Culpepper & Terp North Indian Rive roadway into a do and industrial ma | Enhanced pedestrian facilities, on street parking, signalization, street lighting carried pedestrian facilities, on street parking, signalization, street lighting carried pedestrian facilities, on street parking, signalization, street lighting carried pedestrian facilities, on street lighting carried pedestrian facilities, on street lighting services to prive to the eastern termini of the road at the Indian River Lagoon, in the I wintown urban corridor which will be consistent with the Ft. Pierce streets critime section of the Port area. | (2) YEAF PROFES 2016/1: X St. Lucie Cot Ort of Ft. Pie ape and pro | Check if project performed wanty for the reconstruction of Fierce. The project will result in the wide a buffer between the adjacents. | Pending with current firm sherman's Wharf/Avenue H from the reconstruction of the existing cent commercial development a | | |
| | drainage system, (1) TITLE AND LOG Project Name: Location: (3) BRIEF DESCRIF Culpepper & Terp North Indian Rive roadway into a do and industrial ma (1) TITLE AND LOG | Enhanced pedestrian facilities, on street parking, signalization, street lighting EATION (City and State) Fisherman's Wharf / Avenue H City of Ft. Pierce, Florida PTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ening, Inc. (C&T), is providing the survey, design and permitting services to prive to the eastern termini of the road at the Indian River Lagoon, in the I wintown urban corridor which will be consistent with the Ft. Pierce streets critime section of the Port area. EATION (City and State) | (2) YEAF PROFES 2016/1: X St. Lucie Cot Ort of Ft. Pie ape and pro | COMPLETED SIONAL SERVICES Check if project performed wanty for the reconstruction of Fierce. The project will result in the vide a buffer between the adjacent of the project will result in the vide and suffer between the adjacent of the project will result in the vide and suffer between the adjacent of the project will result in the vide and suffer between the adjacent of the project will be project will result in the vide and suffer between the adjacent of the project will be project wi | Pending vith current firm sherman's Wharf/Avenue H fron he reconstruction of the existing | | |

REGISTRATION (St.& Discipline)



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

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | | |
|------------------------|---------------------------|----------------------|----------------------|--|
| Thomas D. Viernen DCM | Sum cover | a. TOTAL | b. WITH CURRENT FIRM | |
| Thomas P. Kiernan, PSM | Surveyor | 29 | 16 | |

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

Culpepper and Terpening, Inc., Fort Pierce, Florida

16. EDUCATION (Degree and Specialization):

Indian River State College (attended)

17. CURRENT PROFESSIONAL REGISTRATION (St.& Discipline)

Professional Surveyor and Mapper; St of Fl. Reg No.: 6199

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Indian River Chapter of Florida Surveying and Mapping Society; FDOT Certified Maintenance of Traffic; and FDOT GPS Network Analysis

| | | 19. REI | LEVANT PROJECTS | | | | | |
|--|---|---|---|-------------------------------|---------------------------------------|--|--|--|
| | (1) TITLE AND LOC | ATION (City and State) | (2) YEAF | RCOMPLETED | | | | |
| | Project Name: | Becker Road Phase 2 and 3 | PROFES | SIONAL SERVICES | CONSTRUCTION (If applicable) | | | |
| | Location: | City of Port St. Lucie, Florida | 2018/20 | 019 | Pending | | | |
| | (3) BRIEF DESCRIP | FION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | Х | Check if project performe | ed with current firm | | | |
| | southern Port St. L urban roadway sec | Culpepper & Terpening, Inc. (C&T), is providing survey, design permitting and CEI services for the improvements of Becker Road from east Via Tesoro to Gilson Road in southern Port St. Lucie. The 2 mile long project includes the widening of Becker Road from east of Via Tesoro to Veranda Gardens Entrance from a 2 lane rural to a 4 lane urban roadway section. The design also include new roundabouts at Veranda Gardens and Gilson Road. Improvements include roadway, drainage, multi-use paths, street lighting and landscape improvements. | | | | | | |
| | (1) TITLE AND LOC | ATION (City and State) | (2) YEAF | RCOMPLETED | | | | |
| | Project Name: | Torino Parkway & Cashmere Blvd Roundabout | PROFES | SIONAL SERVICES | CONSTRUCTION (If applicable | | | |
| | Location: | City of Port St. Lucie, Florida | 2019 | | Pending | | | |
| | (3) BRIEF DESCRIP | FION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | Х | Check if project performe | ed with current firm | | | |
| | | t tracked to meet the City's 1/2 cent sales tax goals. ATION (City and State) | (2) YEAF | R COMPLETED | | | | |
| | | | | | CONCEDUCTION (If a real real leads | | | |
| | Project Name: | Fisherman's Wharf / Avenue H | | SIONAL SERVICES | CONSTRUCTION (If applicable | | | |
| | Location: | City of Ft. Pierce, Florida | 2017/18 | | Pending | | | |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | | X | Check if project performe | ed with current firm | | | |
| | North Indian River | ning, Inc. (C&T), is providing the survey, design and permitting Drive to the eastern termini of the road at the Indian River Lag vntown urban corridor which will be consistent with the Ft. Pie f the Port area. | oon, in the Port of Ft. Pie | erce. The project will result | in the reconstruction of the existing | | | |
| | (1) TITLE AND LOC | ATION (City and State) | (2) YEAF | RCOMPLETED | | | | |
| | Project Name: | 10th Street Reconstruction Project | PROFES | SIONAL SERVICES | CONSTRUCTION (If applicable | | | |
| | Location: | City of Ft. Pierce, Florida | 2010 | | 2012 | | | |
| | (3) BRIEF DESCRIP | FION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | Х | Check if project performe | ed with current firm | | | |
| | project was funded and drainage syste | ning, Inc. (C&T) provided survey, design and permitting service I through the American Resource Recovery Act (ARRA) for dam m, enhanced pedestrian facilities, on street parking, signalizati he existing residential homes located along the entire corridor | nage done in 2009 storm on, street lighting and la | ns. The 1/2 mile project incl | uded reconstruction of the roadway | | | |
| | (1) TITLE AND LOC | ATION (City and State) | (2) YEAF | RCOMPLETED | | | | |
| | Project Name: | Southern Grove Plat No. 33, SW Anthony F. Sansone Sr. Blvd. | PROFES | SIONAL SERVICES | CONSTRUCTION (If applicable | | | |
| | Location: | City of Port St. Lucie, Florida | 2020 | | 2021 (ongoin) | | | |
| | (3) BRIEF DESCRIP | TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | X | Check if project performe | ed with current firm | | | |
| | | | | | | | | |



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

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|-------------------------|---------------------------|----------------------|----------------------|
| Daniel D. Dieleuten II | Land CAD Davisson | a. TOTAL | b. WITH CURRENT FIRM |
| Donald R. Pinkerton, II | Lead CAD Designer | 22 | 19 |

15. FIRM NAME AND LOCATION (City and State)

Culpepper and Terpening, Inc., Fort Pierce, Florida

16. EDUCATION (Degree and Specialization):

AA / Specialized Technology (CADD) (1999) (Pittsburgh Tech

- 17. CURRENT PROFESSIONAL REGISTRATION (St.& Discipline)
- 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) FDOT Civil 3D CADD Training (plans production; grading & feature lines; cross sections; pavement marking; visual & animation tools)

| | | 19. RELEVANT PROJE | ECTS | | | | |
|----|---|---|--------------------------------|----------------------------------|---------------------------------|--|--|
| | (1) TITLE AND LOC | ATION (City and State) | (2) YEAF | RCOMPLETED | | | |
| | Project Name: | Becker Road Phase 2 and 3 | PROFES | SIONAL SERVICES | CONSTRUCTION (If applicable) | | |
| | Location: | City of Port St. Lucie, Florida | 2018/20 | 019 | Pending | | |
| a. | (3) BRIEF DESCRIP | TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | Χ | Check if project performed v | vith current firm | | |
| | Culpepper & Terpening, Inc. (C&T), is providing survey, design permitting and CEI services for the improvements of Becker Road from east Via Tesoro to Gilson Road in southern Port St. Lucie. The 2 mile long project includes the widening of Becker Road from east of Via Tesoro to Veranda Gardens Entrance from a 2 lane rural to a 4 lane urban roadway section. The design also include new roundabouts at Veranda Gardens and Gilson Road. Improvements include roadway, drainage, multi-use paths, street lighting and landscape improvements. | | | | | | |
| | (1) TITLE AND LOC | ATION (City and State) | (2) YEAF | RCOMPLETED | | | |
| | Project Name: | Torino Parkway & Cashmere Blvd Roundabout | PROFES | SIONAL SERVICES | CONSTRUCTION (If applicable) | | |
| | Location: | City of Port St. Lucie, Florida | 2019 | | Pending | | |
| b. | (3) BRIEF DESCRIP | TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | X | Check if project performed v | vith current firm | | |
| | Culpepper & Terpening, Inc. (C&T), is providing the survey, design and permitting services to the implementation of a new roundabout at the intersection of Torino Parkway and Cashmere Boulevard in northern Port St. Lucie. The design includes roadway, drainage, roundabout signing & pavement markings, landscaping and Street lighting. The design is being fast tracked to meet the City's 1/2 cent sales tax goals. | | | | | | |
| | (1) TITLE AND LOC | ATION (City and State) | (2) YEAR COMPLETED | | | | |
| | Project Name: | Fisherman's Wharf / Avenue H | PROFES | SIONAL SERVICES | CONSTRUCTION (If applicable) | | |
| | Location: | City of Ft. Pierce, Florida | 2017/18 | 3 | Pending | | |
| c. | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | | X Check if project performed w | | vith current firm | | |
| | Culpepper & Terpening, Inc. (C&T), is providing the survey, design and permitting services to St. Lucie County for the reconstruction of Fisherman's Wharf/Avenue H from North Indian River Drive to the eastern termini of the road at the Indian River Lagoon, in the Port of Ft. Pierce. The project will result in the reconstruction of the existing roadway into a downtown urban corridor which will be consistent with the Ft. Pierce streetscape and provide a buffer between the commercial development and industrial maritime section of the Port area. | | | | | | |
| | (1) TITLE AND LOC | ATION (City and State) | (2) YEAF | RCOMPLETED | | | |
| | Project Name: | 10th Street Reconstruction Project | PROFES | SIONAL SERVICES | CONSTRUCTION (If applicable) | | |
| | Location: | City of Ft. Pierce, Florida | 2010 | | 2012 | | |
| d | (3) BRIEF DESCRIP | TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | Χ | Check if project performed v | vith current firm | | |
| | project was funded | ning, Inc. (C&T) provided survey, design and permitting services for the reco d through the American Resource Recovery Act (ARRA) for damage done in 2 em, enhanced pedestrian facilities, on street parking, signalization, street ligh the existing residential homes located along the entire corridor. | 2009 storm | ns. The 1/2 mile project include | d reconstruction of the roadway | | |
| | (1) TITLE AND LOC | ATION (City and State) | (2) YEAR COMPLETED | | | | |
| | Project Name: | Southern Grove Plat No. 33, SW Anthony F. Sansone Sr. Blvd. | PROFESSIONAL SERVICES | | CONSTRUCTION (If applicable) | | |
| | Location: | City of Port St. Lucie, Florida | 2020 | | 2021 (ongoin) | | |
| e. | (3) BRIEF DESCRIP | TION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | Χ | Check if project performed v | vith current firm | | |
| | 4,400 linear feet of | and CEI for the construction of SW Anthony F. Sansone Sr. Blvd. from Becke urban 4 lane divided and rural 2 lane undivided roadway; 4,400 linear feet o of 8" gravity sewer; central lift station; landscape, lighting and irrigation. | | | | | |



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. YEARS COMPLETED | | | |
|---|-----------------------|------------------------------|--|--|
| Crosstown Parkway - I-95 to SE Manth Lane | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) | | |
| (Segments II & IV) Port St. Lucie, FI | 2005/06 | 2007/08 | | |

A. PROJECT OWNER

City of Port St. Lucie

B. POINT OF CONTACT NAME

Heath Stocton, PE Public Works Director

C. POINT OF CONTACT TELEPHONE NUMBER

(772) 871-5174

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

The Crosstown Parkway is a controlled access, arterial roadway with swale roadside drainage, that provides an uninterrupted connection between the east side (US #1 Corridor) area of the City of Port St. Lucie and the 'Western Annexation Areas' (a/k/a Tradition) of the City, west of I-95. Culpepper & Terpening (C&T) provided complete project survey, roadway design, property acquisition assistance, permitting and CEI services for Segments 2 and 4.

Segment 2 (Manth to Bayshore) and Segment 4 (Cashmere to I-95) involved the construction of 6.2 miles of a six-lane arterial suburban roadway with; swale drainage, potable water transmission and sanitary sewer extensions, landscaping, decorative lighting and multi-use pathways the length of the project corridor. Stormwater design included pond siting and alleviated existing drainage issues. Perimeter berming with landscaping, up to 8-ft in height, was provided wherever possible in lieu of sound wall barriers to minimize roadway noise impacts and to provide for a more visually appealing barrier screen into the surrounding residential areas. As part of this project C&T worked closely with the City of Port St. Lucie in neighborhood coordination and community outreach programs in order to keep the residents of the City aware of the progress and impacts of the Lucie. CEI services included supervision of the demolition of existing structures in the project right-of-way; supervision of new roadway construction, lake & ditch construction, drainage improvements, sidewalks, signalization (6 intersections), street lighting, irrigation and landscaping. The project was completed on budget and ahead of schedule.



CT File No.: 05-448

| Project Cost (Gross) | | | | | | | |
|--------------------------------|--------|------------|-----|-------|--|--|--|
| \$ 37,912,840 | | | | | | | |
| Relevance to Submitted Project | | | | | | | |
| Survey | Design | Permitting | CEI | Other | | | |
| \$1,819,178 \$3,013,555 | | | | | | | |

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



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. YEARS COMPLETED | | | |
|---|-----------------------|------------------------------|--|--|
| Packey Dood Dhace 2.9.2 | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) | | |
| Becker Road Phase 2 & 3 | 2019 | Pending | | |

A. PROJECT OWNER

GreenePoint Communities, LLC

B. POINT OF CONTACT NAME

Austin Burr, Project Manager

C. POINT OF CONTACT TELEPHONE NUMBER

(904) 910-7256

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

Culpepper & Terpening, Inc. (C&T), is providing the survey, design, permitting, and CEI services associated with the roadway widening and pedestrian improvements to Becker Road from east of Via Tesoro to Gilson Road.

The improvements include the widening of the roadway for approximately 3,500 LF from east of Via Tesoro to Veranda Gardens entrance from a 2 lane rural roadway section to a 4 lane urban corridor. Improvements include a divided roadway, drainage, multiuse pathway, bike lanes, utility relocations, landscape and street lighting. A multi-lane roundabout will encompass the intersection at Veranda Gardens.

The 6,600 LF section of Becker Road from Veranda Gardens to Gilson Road will include a paving and drainage improvements, pedestrian pathway, 10' multi-use pathway, force main extension, fiber optic extensions, landscaping and street lighting. The Gilson Road intersection will be improved with a single lane roundabout to enhance existing traffic conditions.



CT File No.: 17-190

The project was permitted through the City of Port St. Lucie, Port St. Lucie Utility Systems Department and the South Florida Water Management District.

| | Project Cost (Gross) | | | | | 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT | | | |
|---|----------------------|------------|-----|-------|----|---|--|------------------------------------|--|
| \$6,050,000 Relevance to Submitted Project | | | | | a. | Culpepper & Terpening State) Survey, Des | | Survey, Design, | |
| Survey | Design \$272,730 | Permitting | CEI | Other | b. | (1) FIRM NAME Lucido & Associates | Ft. Pierce, FL (2) FIRM LOCATION (City and State) | Permitting, CEI (3) ROLE Landscape | |
| | | | | | 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. YEARS COMPLETED | | | |
|---|-----------------------|------------------------------|--|--|
| Fisherman's Wharf / Avenue H No. Indian River | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) | | |
| Drive to east end (IRL Lagoon) | 2016/17 | PENDING | | |

A. PROJECT OWNER

St. Lucie County

B. POINT OF CONTACT NAME

Stan Payne, Port Director

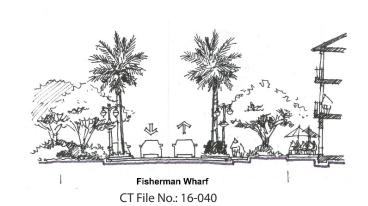
C. POINT OF CONTACT TELEPHONE NUMBER (772) 462-1450

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

Culpepper & Terpening, Inc. (C&T), is providing the survey, design and permitting services to St. Lucie County for the reconstruction of Fisherman's Wharf/Avenue H from North Indian River Drive to the eastern termini of the road at the Indian River Lagoon, in the Port of Ft. Pierce. The project will result in the reconstruction of the existing roadway using the complete streets concept for the downtown urban corridor, providing consistency with the Ft. Pierce streetscape and provide a buffer between the commercial development and industrial maritime section of the port.

The project will provide an urban 2 lane undivided roadway with on street parking, shared roadway bike lanes, wide sidewalks, potable water and gravity sewer relocations, MOT plan, decorative street lighting; landscape and streetscape improvements along with the development of a small public square at the east end of the project corridor.

The project also included enhancements to a portion of Indian River Drive from Seaway Drive to Fisherman's wharf with the addition of sidewalk, decorative street lightings and landscape/irrigation improvement.



| Project Cost (Gross) | | | | | | | |
|-----------------------------------|-----------|--|--|--|--|--|--|
| \$ 850,000 | | | | | | | |
| Relevance to Submitted Project | | | | | | | |
| Survey Design Permitting CEI Othe | | | | | | | |
| | \$179,000 | | | | | | |

| | 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT | | | | |
|--|---|--|---|---|--|
| | a. | (1) FIRM NAME Culpepper & Terpening | (2) FIRM LOCATION (City and State) Ft. Pierce, FL | (3) ROLE Survey, Design, and Permitting | |
| | b. | (1) FIRM NAME Ardaman & Associates | (2) FIRM LOCATION (City and State) Port St. Lucie, FL | (3) ROLE Geotechnical Services | |
| | 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

| 21. TITLE AND LOCATION (City and State) | 22. YEARS COMPLETED | | |
|--|-----------------------|------------------------------|--|
| 10th Street Reconstruction Project City of Ft. | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) | |
| Pierce, Florida | 2010 | 2012 | |

A. PROJECT OWNER

City of Ft. Pierce

B. POINT OF CONTACT NAME

Jack Andrews, P.E. City Engineer

C. POINT OF CONTACT TELEPHONE NUMBER

772-467-3773

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

With funding provided through specific FDOT LAP Agreement and the American Resource Recovery Act (ARRA) of 2009, the City of Ft. Pierce sought to reconstruct a portion of North 10 Street, from Orange Avenue, north, to a point just south of Avenue D. This project included the reconstruction of the existing traffic signals at the intersection of 10th Street and Orange Avenue, the southern termini of this project. C&T provided the survey, design and permitting of the project within a 6 month time frame to insure that the ARRA funding would not be jeopardized.

Reconstruction activities included the design and permitting of the roadway and drainage system, utility adjustments, streetscape improvements, street lighting and a new signal system for this intersection along with the necessary lane adjustments to Orange Avenue and South 10th Street.

Professional services for this project included property harmonization with the local residences and businesses minimizing disruption during the construction process.



CT File No.: 10-172

| Project Cost (Gross) | | | | | |
|--|--|--|--|--|--|
| \$ 2,051,534 | | | | | |
| Relevance to Submitted Project Survey Design Permitting CEI Other | | | | | |
| | | | | | |

| 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT | | | | | |
|---|--|---|--|--|--|
| a. | (1) FIRM NAME Culpepper & Terpening | (2) FIRM LOCATION (City and State) Ft. Pierce, FL | (3) ROLE Survey/ Design and Permitting | | |
| b. | (1) FIRM NAME Lucido & Associates | (2) FIRM LOCATION (City and State) Stuart, FL | (3) ROLE Landscape & Irrigation | | |
| 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

05

| 21. TITLE AND LOCATION (City and State) | 22. YEARS COMPLETED | | |
|---|-----------------------|------------------------------|--|
| Westmoreland Boulevard Widening | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) | |
| Port St. Lucie, Florida | 2006 | 2007 | |

A. PROJECT OWNER

City of Port St. Lucie

B. POINT OF CONTACT NAME

Heath Stocton, P.E., Public Works Director C. POINT OF CONTACT TELEPHONE NUMBER

772-871-5174

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

Culpepper & Terpening, Inc. (C&T) provided survey, design, permitting and CEI services for the widening of Westmoreland Boulevard from Cambridge Drive to Port St. Lucie Boulevard.

The improvements included widening an existing 2 lane suburban roadway to a 4 lane urban roadway section through a residential section of the City.

The 3,500 linear foot project included property acquisition, roadway widening, drainage improvements, offsite pond, signalized access to Westmoreland Park, street lighting, landscaping, signalization modifications at Port St. Lucie Boulevard, utility relocations and pedestrian improvements.

Special emphasis was placed in the harmonization of the residential properties and driveway access located along the east side of the roadway corridor. The effort resulted in a complete streets concept.



CT File No.: 06-054

Permitting of the project included the Florida Department of
Transportation, Florida Department of Environmental Protection, US Army Corps. of Engineers, and the Port St. Lucie Utility
Systems Department.

| Project Cost (Gross) \$ 3,450,720 | | | | |
|--------------------------------------|-----|-------|--|--|
| | | | | |
| Survey | CEI | Other | | |
| | | XX | | |

| | 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT | | | | |
|----|---|---|----------------------|--|--|
| a. | (1) FIRM NAME Culpepper & Terpening | | | | |
| b. | (1) FIRM NAME Ardaman & Assoc. | (2) FIRM LOCATION (City and State) Port St. Lucie, FL | (3) ROLE Geo-Tech | | |
| 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

EXAMPLE PROJECT KEY NUMBER

06

| 21. TITLE AND LOCATION (City and State) | 22. YEARS COMPLETED | | |
|--|-----------------------|------------------------------|--|
| SW Becker Road – East of Via Tesoro to Fla | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) | |
| Turnpike Port St Lucie, Florida | 2006 | 2007 | |

A. PROJECT OWNER

City of Port St. Lucie

B. POINT OF CONTACT NAME

Heath Stocton, PE Public Works Director

C. POINT OF CONTACT TELEPHONE NUMBER

(772) 871-5174

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

Culpepper & Terpening (C&T) provided engineering and survey services associated with the design, permitting and construction of the Becker Road Improvement Project for the City of Port St. Lucie. Project design entailed the reconstruction of the existing two lane, undivided roadway, with swale drainage into a new, four lane divided roadway, with a curb and gutter drainage system, sidewalks, bike lanes, landscaping and lighting improvements for the segment of SW Becker Road from east of SW Via Tesoro to the east side of the new ramps onto the Florida Turnpike at Becker Road. Project designs included the installation/relocation of utility (water and sewer) services in the rightof-way of Becker Road to accommodate future development activities proposed at the Tesoro and Veranda Planned Unit Developments and the signalization at Turnpike interchange access ramps and the intersection of Southbend Boulevard / Veranda Falls shopping center. Project designs also addressed necessary access issues associated with St. Lucie County Fire District Station #13. While this project was administered by the City of Port St. Lucie, project funding was provided through the voluntary creation of a special assessment taxing district affecting the Tesoro and Veranda Planned Unit Developments.



CT File No.: 04-312

| Project Cost (Gross) | | | | | |
|----------------------|--------------|-------------|--------|-------|--|
| \$ 3,241,315 | | | | | |
| F | Relevance to | Submitted P | roject | | |
| Survey | Design | Permitting | CEI | Other | |
| | | | | | |

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



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

20. EXAMPLE PROJECT KEY NUMBER

07

| 21. TITLE AND LOCATION (City and State) | 22. YEARS COMPLETED | | |
|---|-----------------------|------------------------------|--|
| SR A1A @ Seaway and South Ocean Drive - | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) | |
| Roundabout Ft. Pierce, Florida | 2011 | 2012 | |

A. PROJECT OWNER

City of Ft. Pierce

B. POINT OF CONTACT NAME

Jack Andrews, PE City Engineer

C. POINT OF CONTACT TELEPHONE NUMBER

772-467-3773

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

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

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



CT File No.: 11-208

Project activities included roadway complete streets design, on-street parking improvements; drainage improvements; utility relocations and upgrades; sidewalk and street enhancement and street lighting. Special to this project was the integration of this intersection into the access and function of the adjacent Ft. Pierce Jetty Park. Special to this project was the integration of this intersection into the access and function of the adjacent Ft. Pierce Jetty Park.

| Project Cost (Gross) | | | | | | | | |
|----------------------|--------|--------------|-------------|--------|-------|--|--|--|
| | | \$ 598,142 | | | | | | |
| | F | Relevance to | Submitted P | roject | | | | |
| | Survey | Design | Permitting | CEI | Other | | | |
| | xx | \$ 40,310 | XX | | XX | | | |

| | 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT | | | | | |
|----|---|---|---|--|--|--|
| a. | (1) FIRM NAME Culpepper & Terpening | (2) FIRM LOCATION (City and State) Ft. Pierce, FL | (3) ROLE Survey/ Design/ Permitting and | | | |
| b. | (1) FIRM NAME Ardaman & Assoc. | (2) FIRM LOCATION (City and State) Port St. Lucie, FL | (3) ROLE Geo-Tech | | | |
| 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

EXAMPLE PROJECT KEY NUMBER

08

| 21. TITLE AND LOCATION (City and State) | 22. YEARS COMPLETED | | |
|---|-----------------------|------------------------------|--|
| SW Village Parkway (Southern Groves) SW | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) | |
| Becker Rd to SW Discovery Way | 2007/08 | 2008/10 | |

A. PROJECT OWNER

City of Port St. Lucie

B. POINT OF CONTACT NAME

Heath Stocton, PE Public Works Director

C. POINT OF CONTACT TELEPHONE NUMBER

(772) 871-5174

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

As part of the City's Southwest Annexation District Transportation Improvement Program, Culpepper & Terpening (C&T) provided survey, construction engineering and inspection and engineering design modification services associated with the construction of approximately 4 miles of a new 6 & 4-lane roadway, from SW Becker Road to SW Tradition Parkway.

Project design included the modification of the 6 lane design plans to a 4 lane design that will be easily converted to the ultimate 6 lane design when future development necessitates the additional capacity. The design modifications provided for future widening without the need to upgrade any of the constructed infrastructure by accommodating the widening with the median section of the roadway. The design included roadway; curb & gutter drainage, offsite lake & lateral ditch construction; sidewalk; signalization (3); street lighting; irrigation and corridor landscaping. This project had challenging soils conditions that needed to be addressed as work proceeded, including the de-mucking of numerous wetlands & canals, and crossing of an existing reservoir. The project also included the addition of an underdrain system due to the poor soils conditions.



CT File No.: 07-135.10

The project was completed on budget and on schedule.

| Project Cost (Gross) | | | | | | |
|--------------------------------|--------|------------|-----|-------|--|--|
| \$ 47,426,830 | | | | | | |
| Relevance to Submitted Project | | | | | | |
| Survey | Design | Permitting | CEI | Other | | |
| \$351,916 \$2,420,557 | | | | | | |

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



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. YEARS COMPLETED | | |
|---|-----------------------|------------------------------|--|
| Dissovery Way Fast 9 West | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) | |
| Discovery Way East & West | 2007/08 | 2008/09 | |

A. PROJECT OWNER

City of Port St. Lucie, Florida

B. POINT OF CONTACT NAME

Heath Stocton, PE Public Works
Director

C. POINT OF CONTACT TELEPHONE NUMBER

(772) 871-5174

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

Culpepper & Terpening, Inc. (C&T), provided survey, design, permitting, and CEI services to the City of Port St. Lucie for the construction of SW Discovery Way from Community Boulevard to the VGTI Entrance roadway, located in the Southern Groves area of the City of Port St. Lucie

The design provided for an initial 2-lane, divided rural roadway, expandable to a future four (4) lane section. The design included roadway, curb and gutter drainage, signalization, potable water, sanitary sewer, irrigation quality water, sidewalks and street lighting.

The roadway system was designed to allow the future expansion to 4 lanes to be provided without the need to upgrade any of the constructed infrastructure by accommodating the widening with the median section of the roadway. The roadway stormwater system was design to accommodate the ultimate 4 lane design section. The stormwater treatment was design and routed to the existing Southern Groves Master Stormwater system.

The project was completed on budget and ahead of schedule





CT File No.: 07-135

| Project Cost (Gross) | | | | | | |
|--------------------------------|--------------------------------|-----|-------|--|--|--|
| \$2,256,900 | | | | | | |
| | Relevance to Submitted Project | | | | | |
| Survey | Design | CEI | Other | | | |
| \$22,635 \$111,015 \$2,420,557 | | | | | | |

| | 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT | | | | |
|----|---|--|---|--|--|
| a. | (1) FIRM NAME Culpepper & Terpening | (2) FIRM LOCATION (City and State) Ft. Pierce, FL | (3) ROLE Survey/ Design/ Permitting and CEI | | |
| b. | (1) FIRM NAME Lucido & Associates | (2) FIRM LOCATION (City and State) Stuart, FL | (3) ROLE Landscape & Irrigation | | |
| 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

10

| 21. TITLE AND LOCATION (City and State) | 22. YEARS COMPLETED | | |
|---|-----------------------|------------------------------|--|
| SW Southbend Boulevard SW Becker Rd to SW | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) | |
| Snow Rd , Florida | 2003/04 | 2005 | |

A. PROJECT OWNER

City of Port St. Lucie, Florida

B. POINT OF CONTACT NAME

Heath Stocton, PE Public Works Director

C. POINT OF CONTACT TELEPHONE NUMBER

(772) 871-5174

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

Culpepper & Terpening (C&T) provided surveying, design, permitting and CEI for a 2.3 mile southerly extension of Southbend Boulevard from its existing terminus at SW Snow Road to SW Becker Road. The roadway was designed for an ultimate 4-lane roadway, with initial construction limited to the two (future) southbound 2-lanes. When the roadway is eventually expanded, the northbound lanes can be constructed with minimal disruptions to existing traffic flows.

The design included roadway, curb and gutter and swale drainage, sidewalks, and an underdrain system due to poor soils conditions within the area. The project included three major box culverts which provided stormwater flow from western Port St. Lucie to the contributories of the North Fork of the St. Lucie River. The construction of structures at these locations each include triple (3) 8 foot by 10 foot box culverts. Project permitting was done through The Florida Turnpike Authority (Drainage Impacts), City of Port St. Lucie, SFWMD, and U. S. Army Corps of Engineers.

The project was completed well under the original \$2,000,000 budget.



CT File No.: 04-314.000

| | Project Cost (Gross) | | | | | |
|----------------------------------|--------------------------------|--|--|--|--|--|
| | \$ 1,461,418 | | | | | |
| I | Relevance to Submitted Project | | | | | |
| Survey Design Permitting CEI Oth | | | | | | |
| \$73,075 | | | | | | |

| | 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT | | | | | |
|----|---|---|---|--|--|--|
| a. | (1) FIRM NAME Culpepper & Terpening | (2) FIRM LOCATION (City and State) Ft. Pierce, FL | (3) ROLE Survey, Design, Permitting & CEI | | | |
| b. | (1) FIRM NAME Ardaman & Associates | (2) FIRM LOCATION (City and State) Port St. Lucie, FL | (3) ROLE Geotechnical | | | |
| 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

| 21. TITLE AND LOCATION (City and State) | 22. YEARS COMPLETED | | |
|--|-----------------------|------------------------------|--|
| Ct Lucia Wast Blad Bridge Over Turnnika | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) | |
| St. Lucie West Blvd Bridge Over Turnpike | 1998 | 2000 | |

A. PROJECT OWNER

City of Port St. Lucie, Florida

B. POINT OF CONTACT NAME

Patricia Roebling, PE -City Engineer

C. POINT OF CONTACT TELEPHONE NUMBER

(772) 871-5174

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

Culpepper & Terpening (C&T) provided surveying, design, permitting and CEI for an ultimate 4-lane roadway, with initial construction limited to the two (future) southbound 2 lanes. When the roadway is eventually expanded, the northbound lanes can be constructed with minimal disruptions the existing traffic flows.



design included roadway, curb and utter and swale drainage, sidewalks and an underdrain system due to poor soils conditions within the area. The project included three major box culverts which provided storm water flow from western Port St. Lucie to the contributories of the North Fork of the St. Lucie River. The construction of structures at these locations each include triple (3) 8 foot by 10 foot box culverts. Project permitting was done through The Florida

 $Turnpike\ Authority\ (Drainage\ Impacts),\ City\ of\ Port\ St.\ Lucie,\ SFWMD,\ and\ U.S.\ Army\ Corps\ of\ Engineers.$

| | Project Cost (Gross) | | | | | | |
|--------|------------------------------------|--|--|--|--|--|--|
| | \$ 2,752,400 | | | | | | |
| ı | Relevance to Submitted Project | | | | | | |
| Survey | Survey Design Permitting CEI Other | | | | | | |
| | 124,000 | | | | | | |

| | 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT | | | | | | |
|----|---|---|---|--|--|--|--|
| a. | (1) FIRM NAME Culpepper & Terpening | (2) FIRM LOCATION (City and State) Ft. Pierce, FL | (3) ROLE Survey, Design, Permitting | | | | |
| b. | (1) FIRM NAME Ardaman & Associates | (2) FIRM LOCATION (City and State) Port St. Lucie, FL | (3) ROLE Geotechnical | | | | |
| c. | (1) FIRM NAME TRC Worldwide | (2) FIRM LOCATION (City and State) Ft. Myers, FL | (3) ROLE Structural | | | | |



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

20. EXAMPLE PROJECT KEY NUMBER

12

| 21. TITLE AND LOCATION (City and State) | 22. YEARS COMPLETED | | |
|---|-----------------------|------------------------------|--|
| Taxina Dayluyay & Cashmara Dayindahayt | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) | |
| Torino Parkway & Cashmere Roundabout | 2019 | 2019 | |

A. PROJECT OWNER

City of Port St. Lucie, Florida

B. POINT OF CONTACT NAME

Heath Stocton, PE Public Works
Director

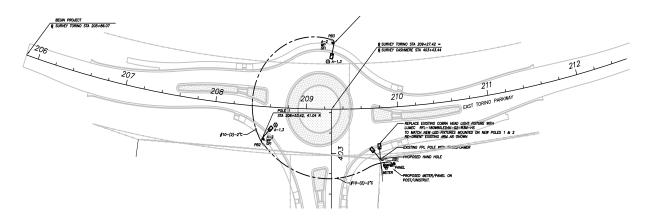
C. POINT OF CONTACT TELEPHONE NUMBER

(772) 334-4239

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

Culpepper & Terpening (C&T) provided surveying, design, and permitting for the implementation of a new roundabout at the intersection of Torino Parkway and Cashmere Boulevard no northern Port St. Lucie. The project was done in conjunction with CAPTEC Engineering to provide parallel designs for two new roundabouts as part of the City 1/2 cent sales tax transportation improvement projects. The design was fast tracked to meet the City's aggressive schedule to provide the citizens with a much needed traffic improvement.

The design included roadway and drainage improvements, pedestrian access and safety features, street lighting, landscaping, and utility adjustments. The project included a specialized Maintenance of Traffic Plan which allowed continual use of traffic by the public without the need for detours through the adjacent residential neighborhoods. The project permitting was done through City of Port St. Lucie, SFWMD, and Port St. Lucie Utility Systems Department.



| Project Cost (Gross) | | | | | | | |
|----------------------|-----------------------------------|--|--|--|--|--|--|
| | \$ 850,000 | | | | | | |
| F | Relevance to Submitted Project | | | | | | |
| Survey | Survey Design Permitting CEI Othe | | | | | | |
| 146,569 | | | | | | | |

| | 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT | | | | | |
|----|---|---|---|--|--|--|
| a. | (1) FIRM NAME Culpepper & Terpening | (2) FIRM LOCATION (City and State) Ft. Pierce, FL | (3) ROLE Survey, Design, Permitting | | | |
| b. | (1) FIRM NAME Ardaman & Associates | (2) FIRM LOCATION (City and State) Port St. Lucie, FL | (3) ROLE Geotechnical | | | |
| c. | (1) FIRM NAME Lucido & Assoc | (2) FIRM LOCATION (City and State) Stuart, FL | (3) ROLE Landscape | | | |



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

20. EXAMPLE PROJECT KEY NUMBER

13

| 21. TITLE AND LOCATION (City and State) | 22. YEARS COMPLETED | | |
|---|-----------------------|------------------------------|--|
| DiverDoint Couseway & Bridge | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) | |
| RiverPoint Causeway & Bridge | 1996 | 1998 | |

A. PROJECT OWNER

City of Port St. Lucie, Florida

B. POINT OF CONTACT NAME

Patricia Roebling, PE City Engineer

C. POINT OF CONTACT TELEPHONE NUMBER

(772) 871-5174

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

Culpepper & Terpening (C&T) provided surveying, design, permitting and CEI for the causeway and bridge access to the island portion of the River Point (Tesoro Preserve/ Ravello) single family residential development locate alone the North Fork of the St. Lucie River. The project bridged over Pruitt's Creek and provided a causeway section along the North Fork of the St. Lucie River to the island lots.

The design included two new bridges over Pruitt's Creek and a wetland tributary, causeway section, roadway and drainage improvements, pond siting, pedestrian access and safety features, street lighting, landscaping and utility extensions. The project included a specialized causeway that was constructed using geotextile fabrics to avoid the need to demuck the roadway. Additionally, a FEMA No-Rise study was prepared to insure that the new bridges and causeways would not create an upstream rise in stream elevation. The project permitting was done through FEMA, City of Port St. Lucie, SFWMD, Florida Department of Environmental Protect and Port St. Lucie Utility Systems Department.



| Project Cost (Gross) | | | | | | |
|---------------------------------|--------------------------------|--|--|--|--|--|
| \$ 1,552,400 | | | | | | |
| F | Relevance to Submitted Project | | | | | |
| Survey Design Permitting CEI Ot | | | | | | |
| 84,000 | | | | | | |

| | 25. FIRMS FROM SECTION CINVOLVED WITH THIS PROJECT | | | | | |
|----|--|---|---|--|--|--|
| a. | (1) FIRM NAME Culpepper & Terpening | (2) FIRM LOCATION (City and State) Ft. Pierce, FL | (3) ROLE Survey, Design, Permitting | | | |
| b. | (1) FIRM NAME Ardaman & Associates | (2) FIRM LOCATION (City and State) Port St. Lucie, FL | (3) ROLE Geotechnical | | | |
| c. | (1) FIRM NAME Lucido & Assoc | (2) FIRM LOCATION (City and State) Stuart, FL | (3) ROLE Landscape | | | |



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

20. EXAMPLE PROJECT KEY NUMBER

14

| 21. TITLE AND LOCATION (City and State) | 22. YEARS COMPLETED | | |
|---|-----------------------|------------------------------|--|
| Southern Grove Plat No. 33, SW Anthony F. | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) | |
| Sansone Sr. Blvd. | 2020-2021 | 2021 (Ongoing) | |

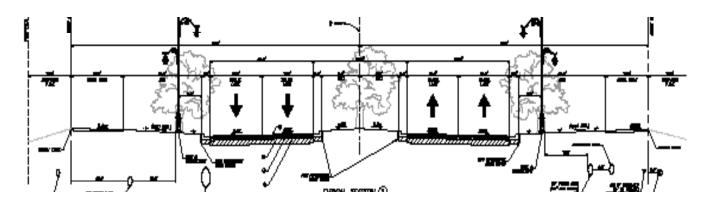
| A. PROJECT OWNER | |
|------------------|--|
| ARCO/Murray | |

| B. POINT OF CONTACT NAME |
|----------------------------|
| Brad Berg, Project Manager |

| C. POINT OF CONTACT TELEPHONE NUMBER | |
|---|--|
| (331) 233-4954 | |

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

Design, permitting and CEI for the construction of SW Anthony F. Sansone Sr. Blvd. from Becker Road to the northern limits of the new Fedex facility. Design included 4,400 linear feet of urban 4 lane divided and rural 2 lane undivided roadway; 4,400 linear feet of 12" potable water transmission main; 2,900 linear feet of 6" and 8" sanitary force main; 2,400 of 8" gravity sewer; central lift station; landscape, lighting and irrigation.



| | Project Cost (Gross) | | | | | |
|------------------------------------|--------------------------------|--|--|--|--|--|
| | \$ 1,552,400 | | | | | |
| ı | Relevance to Submitted Project | | | | | |
| Survey Design Permitting CEI Other | | | | | | |
| 137,740 | | | | | | |

| | 25. FIRMS FROM S | ECTION C INVOLVED WITH THIS | PROJECT |
|----|--|--|---|
| a. | (1) FIRM NAME Culpepper & Terpening | (2) FIRM LOCATION (City and State) Ft. Pierce, FL | (3) ROLE Survey, Design, Permitting |
| b. | (1) FIRM NAME | (2) FIRM LOCATION (City and State) | (3) ROLE |
| c. | (1) FIRM NAME | (2) FIRM LOCATION (City and State) | (3) ROLE |



G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

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

29. EXAMPLE PROJECTS KEY

| No. | TITLE OF EXAMPLE PROJECT (FROM SECTION F) | No. | TITLE OF EXAMPLE PROJECT (FROM SECTION F) |
|-----|---|-----|--|
| 1. | Crosstown Parkway Segment 2 and 4 | 6. | SW Becker Road - Via Tesoro to Fla Turnpike |
| 2. | Becker Road Phase 2 & 3 | 7. | SR A-1-A & Seaway Drive Roundabout |
| 3. | Fisherman's Wharf | 8. | SW Village Parkway - Becker to Discovery Way |
| 4. | 10th Street Reconstruction | 9. | Discovery Way East & West |
| 5. | Westmoreland Boulevard Widening | 10. | SW Southbend Boulevard - Becker to Snow |



4. DUNS NUMBER 15-565-2795

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any) RFQ #20190112

PART II – GENERAL QUALIFICATIONS

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

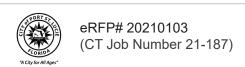
| , | ANCH OFFICE) N nd Terpening, Ir | | 3. YEAR ESTABLISHE 1985 | ED . | 4. DUNS NUM 15-565-279 | | |
|------------------------------|------------------------------------|-----------------|--|-------------------|---------------------------|-------|-------------|
| 2b. STREET | | | | | 5. OWNERSHIP | | |
| 2980 South | 2980 South 25th Street | | | | | | Corporation |
| 2c. CITY Ft. Pierce | | 2d. STATE FL | 2e. | ZIP CODE 34981 | SMALL BUSINESS ST | TATUS | Yes |
| 6a. POINT OF CO | | AND TITLE | 7. NAME OF FIRM (If block 2a is a branch offic | | | | |
| 6b. TELEPHONE 772-464-353 | | 6c. E-MAIL AD | | _ | | | |
| | | | | | | | |

| 8a. FORMER FIRM NAME(S) (If any) | 8b. YR. ESTABLISHED | 8c. DUNS NUMBER |
|---------------------------------------|---------------------|-----------------|
| CFS and Associates (Brett Culpepper) | 1972 | |
| JP Terpening, Corp. (Butch Terpening) | 1979 | |

| 9. EMPLOYEES B | Y DISCIPLINE | | | 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVG REV. FOR LAST 5 YRS | | | |
|------------------|--------------------------|-----------|-----------------------|---|--|--|--|
| a. Function Code | b. Discipline | c. No. of | c. No. of Employees a | | b. Experience | c. Revenue Index Number (see below) | |
| | | (1) FIRM | (2) BRANCH | | | | |
| 02 | Administration | 5 | | C15 | Construction Management | 4 | |
| 08 | CADD Tech | 7 | | C16 | Construction Surveying | 4 | |
| 12 | Civil engineer (PE/EI) | 11 | | H07 | Hwys, Street, Airfield Paving | 6 | |
| 15 | Construction Inspectors | 5 | | P06 | Planning (Site, Installation and Project | 5 | |
| 38 | Land Surveyor | 8 | | L02/S10 | Surveying, Mapping, Platting | 6 | |
| 47 | Planner – Urban/Regional | 1 | | T03 | Traffic and Transportation | 6 | |
| 48 | Project Managers | 3 | | T04 | Topo Survey and Map | 3 | |
| | | | | S13 | Stormwater Handling & Facilities | 6 | |
| | | | | S04 | Sewage Collection/Treatment and Disposal | 6 | |
| | | | | U03 | Water Resources, Hydrology | 4 | |
| | Other Employees | | | W03 | Water Supply, Treatment and Design | 6 | |
| | Total | 40 | | Z01 | Zoning, Land Use Studies | 4 | |

| 11. ANNUAL AVERAGE PRO REVENUES OF FIRM FOR L revenue index numbe | AST 3 YEARS (Insert | 12. PROFESSIONAL SERVICES REVENUE INDEX NUMBER | | | | |
|---|---------------------|--|---|--|--|--|
| | | 1. Less than \$100,000 | 6. \$2 million to less than \$5 million | | | |
| a. Federal Work | 1 | 2. \$100,00 to less than \$250,000 | 7. \$5 million to less than \$10 million | | | |
| b. Non-Federal Work | 7 | 3. \$250,000 to less than \$500,000 | 8. \$10 million to less than \$25 million | | | |
| c. Total Work | 7 | 4. \$500,000 to less than \$1 million | 9. \$25 million to less than \$50 million | | | |
| | | 5. \$1 million to less than \$2 million | 10. \$50 million or greater | | | |

| l. | AUTHORIZED REP | RESENTATIVE | The foregoing is a st | tatement of fa | cts. |
|-----|-----------------------|-------------|-----------------------|----------------|----------|
| 31. | SIGNATURE | VIn/ | | 32. DATE | 10/01/21 |
| | | | | | |
| 33 | NAME AND TITLE | Stefan K | Matthes PF Sr Vice | e- President | |





FILE #4

October 1, 2021 I 02:00 pm

to provide 40%

Design Plans for

Extension Phase

the Hegener Drive

PREPARED FOR

3 Project

City of Port St. Lucie 121 S.W. Port St. Lucie Blvd Port St. Lucie, Florida 34984 Tel. (772) 344-4068 www.cityofpsl.com C&T Project No. 21-187 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



Mr. Jason Bezak, Procurement Agent I City of Port St. Lucie / Procurement Management Department 121 SW Port St. Lucie Boulevard Port St. Lucie, Florida 34984 September 30, 2021

RE: eRFP 20210103- Design Services to provide 40% Design Plans for the Hegener Drive Extension Phase 3 Project

Dear Mr. Bezak;

On behalf of Culpepper & Terpening, Inc., I am pleased to present to you our sealed electronic submittal of the completed Questionnaire associated with the City of Port St. Lucie's recent Request for Proposal # 20210103 for Design Services to provide 40% Design Plans for the Hegener Drive Extension Phase 3 Project.

We have assembled a team of specific professionals ideally suited for the delivery of the required design. The team has delivered over 200 miles of roadway design throughout the Treasure Coast over the past two decades, including the Legacy Park infrastructure located on the south portion of Southern Grove. Our team consists of the following:

- Culpepper & Terpening: Survey, Design, Permitting & CEI
- EW Consultants: Environmental Determinations & Permitting
- Landscape Design Associates: Landscape & Irrigation
- Ardaman & Associates: Geotechnical Investigation
- Inframap Corporation: Subsurface Utility Exploration

C&T is proud to be the Southern Grove Community Development District Engineer with the overall responsibility of the master stormwater system in which the Hegener Dr. Extension project resides. Additionally, we are substantially complete with the southern-most extension of the Hegener Drive roadway alignment connecting to Becker Road, SW Anthony F. Sansone Sr. Boulevard (including Paar Drive and the E/W Connector roadway). This project provides the same exact infrastructure design requirements as the City's project. Our knowledge of the project area and collaboration with City staff on the principal design elements put us in a uniquely qualified position to assist the City with this project.

Our team will utilize our collective, vast, specific knowledge of the project, and project area to minimize design costs and allow for a comprehensive project schedule that will meet with City's timetables for the completion of the project. The team of professionals that will be assigned to the project, specifically, Butch Terpening, P.E., Stefan Matthes, P.E., along with Marcelo Dimitriou, P.E. and Donnie Pinkerton, are the same individuals who have worked on many of the City's previous roadway expansion projects.

Our team's experience in the successful completion of major transportation and infrastructure expansion projects is unequaled throughout the area. A representative sample of the projects our team has completed include the following:

- Anthony F. Sansone Sr. Boulevard from Paar Drive to Becker Road
- City of Port St. Lucie's Becker East Roadway Widening;
- City of Port St. Lucie's Discovery Way Extensions;
- City of Port St. Lucie's Crosstown Parkway; and
- City of Port St. Lucie's Village Parkway and Community Blvd Initial Phase Construction.

Our teams unequaled level of experience on recent similar projects within the City will result in the most cost effective and innovative design while providing guidance for comprehensive and effective utilization of the project team.

Thank you for the opportunity to submit our response on this project and we look forward to providing the City with requested services. As always, should you have any questions, please feel free to contact me at (772) 464-3537.

Sincerely,

Culpepper & Terpening, Inc.

Stefan K. Matthes, PE Sr. Vice President



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4.03 Executive Summary

Culpepper & Terpening, Inc.'s (C&T's) philosophy to act as an extension of City Staff is based upon our extensive and successful experience working with the City of Port St. Lucie, Port St. Lucie Utility Systems Department, the City's residents, and the project stakeholders. We have studied the scope and researched the project details extensively. We are completely committed to the City's goals of the project, and meeting Goal 5 of the City's Strategic Plan of "High Quality Infrastructure and Facilities". Our team has sufficient depth of resources and strength of organization for the successful execution of this project.

C&T's approach to the design of the project revolves around a full understanding of the budgetary goals and timelines of the City and implementation of the project from the design procedure that incorporates quality control, constructability review and value engineering at each critical project milestone, through construction completion of the project.

C&T will utilize our vast, specific knowledge of the project, and project area to minimize design costs and allow for a comprehensive project schedule that will meet with City's timetables for the completion of the project. Our specific knowledge is exemplified by the following:

- C&T is the Southern Grove Community Development District Engineer;
- C&T is the Southern Grove CDD Surveyor;
- C&T provided the majority of the master utility design for the South Western Annexation Area;
- C&T has Designed and provided Construction Engineering and Inspection for the vast majority of the main transportation system within the SW Annexation area, specifically Southern Grove; and
- C&T is substantially complete with the design and permitting of the Legacy Park infrastructure improvements with include SW Anthony F. Sansone Sr. Boulevard, Paar Drive and E/W 4 Roadway.

The team of professionals that will be assigned to the project, specifically, Butch Terpening, P.E., Stefan Matthes, P.E., Marcelo Dimitriou, P.E. and Donnie Pinkerton are the same individuals that have work on all of the City's previous roadway projects including the most recent SW Anthony F. Sansone Sr. Boulevard, Paar Drive and E/W Road 4 which encompasses the southern section of the City's Industrial/Commercial corridor. Our unequaled level of experience on recent similar projects within the City will result in the most cost effective and innovative design while providing guidance for comprehensive and effective utilization of the project team. This evident through our continual collaboration with City staff to formulate the best designs possible for the City's industrial/commercial development corridors.

Our selected Project Manager, Stefan Matthes, P.E. will manage the design and permitting of the project through the use of project scheduling and monitoring software, and by providing bi-weekly project progress update meetings. Additionally, we will utilize weekly internal project meetings to ensure that project milestones are adhered to. Our complete project team is comprised of the following:

C&T: Survey, Design, & Permitting
 EW Consultants: Wetland Delineation & Permitting

Ardaman & Associates: Geotechnical Exploration
 Inframap: Subsurface Utility Exploration

Landscape Design Assoc.: Landscape Design

Our specific team members and assignments:

Butch Terpening, P.E. Project Principal
Stefan K. Matthes, P.E. Project Manager

Marcelo Dimitriou, P.E.
 QC Manager/Constructability Review

Tom Kiernan, PSM
 Survey Manager

Eliot Brown, P.E.
 Donnie Pinkerton
 Project Design Engineer
 Senior Design Technician



We will manage the budgetary goals of the City through the implementation of a constructability review process with local contractors and independent quality control/quality assurance measures for each milestone phase of the work plan. Our current relationship with ARCO/Murrays prime infrastructure contractor, The Ryan Companies, provides us with a unique position to determine real time, current condition costs associated with construction within the specific project area.

Our Project Plan will be based upon a progressive design process that will allow review of the work product at the three (3) critical milestone submittal stages. Given the current scope of services ending at 40% design plan, we propose three (3) milestone review stages, (1) Typical Sections, (2) Preliminary Horizontal Geometry, and 40% Plan submittals. The use of bi-weekly project progress update meetings will allow intermediate design review and plan adjustments to issues as they arise during the design process.

Concurrent with the development of the 40% plans, a preliminary Plat will need to be prepared to reserve the proposed roadway corridors. C&T is in the unique position of having prepared the original plat of the area, Southern Grove Plat No. 14 (Plat Book 71, Pages 35 - 42). We have all of the control and cadd files required to efficiently provide the platting design efforts. Having the roadways design and surveying "In-House" provides for economies of scale from both a timing and coordination effort.

The proposed 40% design completion in the RFQ includes a 120-calendar day contract duration. This equates to a 4-month design process. Our proposed team has committed to deliver the project within the 4-month duration. Given the substantial completion status of the Legacy Park infrastructure project, we are ready to transition the design team for that effort directly to this project which will allow for a seamless design effort between C&T's team and the City's.

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| 4.04 | Pror | oser's | Location |
|------|---------|---------|----------|
| T.VT | 1 1 0 1 | JUSEI S | Location |

PHYSICAL ADDRESS: 2980 S. 25th Street, Fort Pierce, Florida 34981

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4.05 Women's Owned Business - (WBENC Certificate)

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)





4.06 Proposer's Work Plans

The C&T Team approach to the design of the project and work plan revolves around a full understand the budgetary goals and timelines of the City and implementation of project design procedure that incorporates quality control, constructability review and value engineering at each critical project milestone.

Our understanding of the City's goals, combined with our specific knowledge of the project, and project area has provided us with the opportunity to develop a work plan that encompasses the design and construction/constructability issues to present a successful project to the City.

C&T is in the unique position to provide a streamlined, efficient design of the project due to our specific knowledge of the overall project. C&T has recently substantially completed the Legacy Park infrastructure design and is currently the Southern Grove Community Development District Engineer, and as such is responsible for the overall Master Stormwater system. Our firm has also provided the utility system design for the Western Annexation area, in which Southern Grove, and this specific project, is located.

Our design will include the following:

Basemap Preparation

C&T will utilize the City's and our own as-built data, along with up to date field located topographical data to prepare the initial basemap for the project. New field data collection will include aerial drone topographical data collection, subsurface utility exploration (SUE) and boots on the ground survey for vertical verification.

The use of drone technology for the horizontal topo verification will provide a cost effective method of validating previous survey data collection, and the use of SUE at specific locations will verify the tie in locations and possible conflict resolution.

The basemap will be field verified by the design and CEI team prior to commencing with design to detail areas of concern from a design and constructability standpoint.

Specific existing topographical issues include

- Connections to existing or previously designed roadway and utility lines
- Crossing the current ditch outfall to the Duda Canal system
- Village Parkway outfall connection
- 170 wide FP&L Transmission Corridor and existing pole locations
- ACOE Conservation Tract No. 4 and associated 20' Access Easement

The project is located within the original Southern Grove Plat No. 14 which will need to be revised to provide for the new Road Right's-of-Way. C&T prepared SG Plat No. 14, along with each subsequent plat for the entire Southern Grove City's Industrial/Commercial corridor

Design Considerations

Specific design considerations that will be addressed to ensure a successful project will include the following items:

Route Location/Corridor Establishment:

Currently, only the north connection point and Marshall Parkway have been established by Plat. The City has a conceptual corridor alignment, however this will need to be verified for use and established by Plat. The C&T team will collaborate with City Staff to establish the Hegener and E/W No. 2 corridors taking into account the know design issues within the subject area. Roadway design parameters such as design speed, typical section, route access needs and R/W width will be taken into account to establish the proper Right-of-Way corridor and alignment for the roadways. C&T's is uniquely qualified



to provide the City with the establishment of the corridor given our recent design of the Legacy Park infrastructure and understanding of the City's goals with respect to services to the Industrial/commercial corridors of Southern Grove

• Stormwater System Design:

Utilize existing Southern Grove drainage basin data to validate the stormwater system requirements. The Southern Grove Conceptual Plan provides for both water quality and attenuation within the master lakes system. However, the drainage system design must demonstrate that the existing lake system can support the additional stormwater quality and attenuation volumes within the Basin. As indicated above, C&T is in the unique position of being the Southern Grove CDD Engineer and as such is responsible for the master drainage system.

Additionally, the roadways rural drainage (roadside swale) system must be designed to accommodate the stormwater run-off from the roadway as well as possible discharge from the benefitting properties. A master design will need to be developed to ensure proper drainage for the entire service area.

Potable Water Loop design:

The extension of the roadway not only provides physical access to new commercial and industrial developments, but it also will provide potable water and sanitary service. The provision of potable water service will need to be looped to provide a redundant water source. The location of the southern loop will need to be established and constructed to connect to Village Parkway as part of the project.

• Sanitary Collection/Transmission System:

The project will need to provide the extension of the sanitary sewer system for each benefitting property. The master lift station will need to located for optimal gravity service to the service area.

FP&L Transmission Crossing:

The project will need to cross the existing FP&L major transmission system in two locations, along both Hegener Drive and Marshall Parkway. The transmission corridor is 170' and the existing transmission line only occupy 30% of the R/W corridor. Coordination with FP&L will be paramount to ensure that the roadways do not impede the future expansion of the power transmission system.

• Street Lighting:

We intend to be consistent with the southern roadway designs and utilize the FP&L design team to provide the ped/street lighting for the corridor. Providing FP&L's LED design team leader Christian Pruitt with the roadway and landscape plans at the 40% design phase will ensure that the system can be designed and constructed within a timely fashion.

• Landscape & Irrigation:

The City has recently implemented a new Roadway Beautification Policy. The new policy does not match the existing roadway landscape design. The design will need to take into account the new City policy. Additionally, the placement of street trees within the right-of-way will need to be carefully considered for both future driveway locations and conflict avoidance with the new potable water lines.

Wetland & Grove Ditch Locations:

C&T has included EW Consultants as part of the design team. EW Consultants has provided all of the recent permitting and required maintenance monitoring for the existing wetland system and will provide the required re-evaluation of the existing wetlands within the corridor. Additionally, the project will be directly adjacent to ACOE Conservation Tract No. 4 which will need to be avoid for impacts as well as re-establish the current 20' access easement to the wetland. All other existing grove ditch crossings will consider "Other Surface Waters" which will need to be accounted for in the SFWMD Permit Modification submittal.



Geotechnical Considerations:

C&T has included Ardaman & Associates, Inc. (Ardaman) as part of the design team. Ardaman has completed many geotechnical explorations and construction materials testing projects in the Southern Grove and Tradition areas. Ardaman is very familiar with the challenges of the subsurface conditions in the area, including the presence of organic soils, poorly draining clayey soils and a relatively high groundwater level during the wet season. The geotechnical exploration will provide the project team with recommendations for all the necessary geotechnical aspects of the project.

Permitting

Initial pre-application meetings will be scheduled with the following agencies:

South Florida Water Management District

C&T has procured the most recent modification to the Southern Grove Master Conceptual permit, South Florida Water Management District Permit No. 56-02531-P, Application No. 200301-2922. This project will require a permit modification that will need to demonstrate how the roadway and drainage system complies with the Master Permit requirements. A pre-application meeting will be held with the SFWMD to confirm the permitting requirements of the project.

Southern Grove CDD - Drainage

As indicated above, C&T is the CDD Engineer responsible for the overall master drainage system. Permit submittals will need to be made to the CDD in advance of the SFWMD to gain approval and demonstrate how the new roadway and drainage system meets the Conceptual permit requirements. The Southern Grove CDD Engineer, Kelly Cranford, PE will work closely with Stefan Matthes, PE to ensure design compliance is obtained.

Southern Grove CDD - Irrigation

As indicated above, C&T is the CDD Engineer responsible for the overall irrigation use within the CDD. Permit submittals will need to be made to the CDD to permit the water withdrawal for the irrigation water for the roadway landscaping. The Southern Grove CDD Engineer, Kelly Cranford, PE will work closely with Stefan Matthes, PE to ensure design compliance is obtained.

• The Port St. Lucie Utility Systems Department

The installation of the potable water and sanitary sewer systems will require design and permitting through the PSLUSD. As the PSLUSD is self-permitting, separate FDEP permit will not be required.

US Army Corps of Engineers/Florida Department of Environmental Protection

The Southern Grove area is permitted by the US Army Corps of Engineers under permit No. SAJ-2006-2046. Recent legislation has delegated permitting of wetlands from the US Army Corps of Engineers to the Florida Department of Environmental Protection agency. As part of the delegation agreement, existing permits such as this will remain within the jurisdiction of the Corps of Engineers through their expiration which is this case is April 2022.



Quality, experience, capabilities, resources and key differentiators. All assigned staff experience:

| Title | Name | Years Experience | Licenses | Training/Certifications |
|--|---|---|--|--|
| Project Principal | James P. Terpening, PE Culpepper & Terpening, Inc. | 43 | Professional Engineer: State of Florida Registration No.: 24276 | LAP Training, EEO, DBE & Payroll; Building Information Modeling (BIM); |
| Project Manager | Stefan K. Matthes, PE Culpepper & Terpening, Inc. | 39 | Professional Engineer: State of Florida Registration No.: 38723 | WEFTEC Annual Conference 2014, 2015 & 2016 multiple Utility Seminars; FDOT Adv.Work Zone Traffic Control Certified; FDEP Stormwater Certified; LAP Training, EEO, DBE & Payroll; |
| QC Manager/Constructability Review | Marcelo Dimitriou, PE Culpepper & Terpening, Inc. | 30 W/C&T 13 | Professional Engineer: State of Florida Registration No.: 59005 | FDOT Advanced MOT Certification; FDOT Critical Structures Training; FDOT CTQP QC Manager; FDOT CTQP Final Estimates I & II; Parsons Brinkerhoff Project Mgt. Training; Railroad Safety Training; Site Manager Training; FDOT Claims & Changes Training |
| Design Engineer | Eliot Brown, PE Culpepper & Terpening, Inc. | Total –10 W/C&T - 3 W/other - 7 | Professional Engineer: State of Florida Registration No.: 82232 | B.S., Civil Engineering; FES Florida Engineering Leadership Institute; ATSSA Advanced Maintenance of Traffic Certification |
| Project Surveyor | Thomas P. Kiernan, PSM Culpepper & Terpening, Inc. | Total – 29 With C&T - 16 With other firms - 13 | Professional Surveyor & Mapper; State of Florida Registration No.: 6199 | Indian River Chapter of Florida Surveying and Mapping Society; National Society of Professional Surveyors CREDITS; FDOT Certified Maintenance of Traffic; FDOT GPS Network Analysis |
| Design Engineer | Zack J. Mouw, El Culpepper & Terpening, Inc. | 4 years W/C&T - 2 | El License No. 1100023569 | AutoCAD Civil 3D; Materials Testing Technician |
| Technical Design Assistant | Donnie Pinkerton Culpepper & Terpening, Inc. | 26 years W/C&T - 18 | | AutoCAD Civil 3D; |



4.07 Project Plan

The C&T Team approach to the design of the project revolves around a full understand the budgetary goals and timelines of the City and implementation of project from the design procedure that incorporates quality control, constructability review and value engineering at each critical project milestone through the construction completion of the project.

C&T will utilize our vast, specific knowledge of the project, and project area to minimize design costs and allow for a comprehensive project schedule that will meet with City's timetables for the completion of the project. Our specific knowledge is exemplified by the following:

- C&T is the Southern Grove Community Development District Engineer
- C&T is the Southern Grove CDD Surveyor
- C&T provided the majority of the master utility design for the South Western Annexation Area
- C&T has Designed and provided Construction Engineering and Inspection for the vast majority of the main transportation system within the SW Annexation area, specifically Southern Grove.
- C&T prepared the original, and subsequent plats to establish the roadway networks and development parcels

The team of professionals that will be assigned to the project, specifically, Butch Terpening, P.E., Stefan Matthes, P.E., Marcelo Dimitriou, P.E. and Donnie Pinkerton are the same individuals that have work on all of the City's previous roadway projects including the most recent SW Anthony F. Sansone Sr. Boulevard, Paar Drive and E/W No. 4 plans which comprise the southernmost extension of this specific project area. Our unequaled level of experience on recent similar projects within the City will result in the most cost effective and innovative design while providing guidance for comprehensive and effective utilization of the project team.

Our selected Project Manager, Stefan Matthes, P.E. will manage the design and permitting of the project through the use of project scheduling and monitoring software, and bi-weekly project progress update meetings. Additionally, we will utilize weekly internal project meetings to ensure that project milestones are adhered to.

We will manage the budgetary goals of the City through the implementation of a constructability review process with local contractors and independent quality control/quality assurance measures for each milestone phase of the work plan. Our current relationship with ARCO/Murrays prime infrastructure contractor, The Ryan Companies, provides us with a unique position to determine real time, current condition costs associated with construction within the specific project area.

Our Project Plan will be based upon a progressive design process that will allow review of the work product at the three (3) critical milestone submittal stages. Given the current scope of services ending at 40% design plan, we propose three (3) milestone review stages, (1) Typical Sections, (2) Preliminary Horizontal Geometry, and 40% Plan submittals. The use of bi-weekly project progress update meetings will allow intermediate design review and plan adjustments to issues as they arise during the design process.

Concurrent with the development of the 40% plans, a preliminary Plat will need to be prepared to reserve the proposed roadway corridors. C&T is in the unique position of having prepared the original plat of the area, Southern Grove Plat No. 14 (Plat Book 71, Pages 35-42). We have all of the control and cadd files required to efficiently provide the platting design efforts. Having the roadways design and surveying "In-House" provides for economies of scale from both a timing and coordination effort.

We propose to implement the following plan sheet preparation for the design and permitting of the project:

- Key Sheet
- Overall Master Drainage and Utility Plan



- Preliminary Horizontal Control/Project Layout Plan
- Preliminary General Notes/Summary of Pay Items
- Final Typical Sections
- Preliminary Plan & Profile Sheets (Roadway & Utility combined) at 40 scale
- Preliminary Cross Sections at 100' Intervals
- Preliminary Drainage Details
- Utility Details
- Preliminary SWPPP
- General Traffic Control
- Preliminary Signing & Pavement Marking Plans

C&T will implement a rigorous quality assurance/quality control (QA/QC) program to insure that the design minimizes potential construction issues. Quality control of the design will begin with the use of C&T's existing basemap and asbuilt data for the area, and utilizing AutoCADD Civil 3D to develop a digital terrain model (DTM) of the proposed route. The use of the DTM in Civil 3D will insure consistency between the plan components throughout the design process.

The QA/QC program will dovetail the submittal review process and begin at the development of the project scope and be implemented as follow:

• Refinement of Project Scope:

- Perform a field review of the project limits with PSL Engineering prior to establishing the overall project scope to ensure that the project goals are understood by all. This will minimize the chances of future change orders from both a design and construction standpoint.
- The field review will be attended by PSL Engineering project Manager, C&T project manager, Stefan Matthes, P.E., project designer, Eliot Brown, P.E., and cadd designer Donnie Pinkerton.
- The field review will include the use of the existing basmaps and water and sewer as-builts previously prepared by C&T.
- Prepare and provide field review meeting minutes.

Survey/Data Collection

- As only Marshall Parkway has been pre-determined by Plat, a pre-survey work meeting with PSL Engineering Project Manager, C&T Project Manager, Stefan Matthes, P.E., project designer, Eliot Brown, P.E., survey project manager Tom Kiernan and the survey party chief to review the design goals and establish the limits of data collection.
- Implement Subsurface Utility Exploration (SUE) for all critical underground utility crossing conflict locations.
- Survey data collection will include the vertical verification of all SUE locations; location of all existing
 drainage features such as ditch and wetlands within the established route; above and underground
 electric and telecommunication facilities and additional items observed as needed from the predesign corridor route review.
- o Implement sign-off from project team on basemap prior to commencing with design efforts.
- Phased Submittals/Progress Plans (Typical Section, Horizontal Design and 40% Plans)
 - Project Manager to utilize PSL Engineering and internally produced checklists to ensure all required plan components are incorporated into the plan.
 - Internal field review by design team to review proposed improvements verses field conditions.
 - Meet with PSL Engineering Project Manager to review phased plan submittal comments and agree to appropriate resolution.
 - o Internal Peer Review by a senior engineer not directly associated with design team.
 - Constructability review by local contractor.
 - o Plan comments corrected and submittal for internal approval.
 - o All responsible parties will sign-off on the submittal checklist and progress plans.
 - A copy of signed checklist to be provided to PSL Engineering as part of the progress plan submittal.



- Final Submittal (40% Plans)
 - Project Manager to utilize PSL Engineering and internally produced checklists to ensure all required plan components are incorporated into the plan.
 - Field Site Review by project team, PSL Engineering Project Manager and Construction Inspection personnel. The purpose is to perform a final, thorough review of the existing conditions against the plans prior to submittal of the Construction Plans for bidding.
 - Meet with PSL Engineering to review final plan submittal comments and agree to appropriate resolution.
 - Project Manager performs final plans review.
 - o Internal Peer Review by a senior engineer not directly associated with design team
 - o Plan comments corrected and submittal for internal approval.
 - o All responsible parties will sign-off on the final submittal plans, documents and checklist.
 - A copy of plan changes, responses to comments, and the signed checklist to be provided to PSL Engineering as part of the final submittal.

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4.08 Management Plan

Management Plan

Leadership:

The Project Team will be led by Stef Matthes. Stef (Project Manager) will be the primary contact for the City of Port St. Lucie, the City's in-house staff, regulatory agencies, other stakeholders such as utilities, and property owners. Stef will have day to day decision making authority and will be responsible for the overall success of the project. Stef will inform the City of Project Status, issues and progress through weekly email updates and well as monthly progress reports. We will update C&T's Sharefile site weekly and as needed with information for the Project Team and City.

Our proposed team recognizes planning, execution, and organizational practices are essential for successful projects. The following details our team's awareness and approach to this project, its challenges and the process we will use to be successful.

Management Methodology:

Our Project Management Methodology encompasses these essential practices: 1) Using a fully integrated project team with multi skilled personnel. 2.) Using Highly Integrated 3-D Modeling, with all users updating a common database. 3) Constant Monitoring of Project Control Process. 4) Dedicating Full—Time Personnel to the Project. 5) Minimizing Hand-offs. 6.) Conducting Frequent (Weekly) and Effective Project Review Meetings

Planning:

The Project Team, led by Stef will conduct a thorough updated review of the Client's Project Objectives and Goals. Stef will hold team Kick-Off Meeting, the scope identified in the RFQ will be developed into a Work Breakdown Structure (WBS). The WBS will be a "Deliverable-Oriented" hierarchical decomposition of the work to be executed by the project team to accomplish the project objectives and create the required deliverables. The WBS organizes and defines the total scope of the project. Each descending level represents an increasingly detailed definition of the project work.

Organization:

From the WBS each Deliverable is assigned to the appropriate team member. A Cost Accounting Code is set up and assigned to each deliverable. All costs including time, Sub-consultants hours, and other project related cost are tracked against each deliverables cost code. C&T uses Deltek Vision Project Management Software (Deltek). Deltek is the AEC industry's leading project management software, it is a fully integrated accounting, timekeeping and project management system. C&T's Deltek Accounting System is audited and certified each year as part our FDOT Qualification Process. All team members enter their time daily, that time is tracked against the budget and schedule of the project. Variations between actual work completed and budget are easily identified by the Project Management Team before any scheduling would be affected.

Schedule:

The Project Schedule will be maintained by the Stef (Project Manager) and status updates will be given by the project team members at each weekly meeting. Weekly team meeting minutes will be recorded and distributed by Eliot Brown (C&T Lead Design Engineer). The Schedule will focus on the WBS Deliverables



progress reporting and verification. Stef will have the overall responsibility of maintaining adherence to the schedule by monitoring the actual work effort vs. the budget expended.

Our Project Plan will be based upon a progressive design process that will allow review of the work product at the three (3) critical milestone submittal stages. Given the current scope of services ending at 40% design plan, we propose three (3) milestone review stages, (1) Typical Sections, (2) Preliminary Horizontal Geometry, and 40% Plan submittals. The use of bi-weekly project progress update meetings will allow intermediate design review and plan adjustments to issues as they arise during the design process.

Coordination:

Each deliverable defined in the WBS is assigned to the appropriate team member using Laserfiche Workflow Task Manager (LF). The LF system is integrated with Deltek and allows for simple integrated task management. The Project Managers and each team member can communicate the "do review" loop within a framework that captures key design communication and decisions and saves that information to the Project Repository. This saves valuable time while at the same time performing critical document control. The project team has full access to task assignments and due dates on all of the computing and mobile devices.

Administration:

Weekly Project Meetings with the team will be held to discuss the status of the project, issues that team members may have, problem solving. Budgets and workload will be reviewed and adjustments made to ensure that project stays on schedule.

Our Sr. Engineering Designer, Donnie Pinkerton (C&T) will be dedicated to the project in order to achieve the schedule that we propose. Our Team deliverables for each milestone submittal will be provided in both Auto CADD Civil 3D for compatibility with City's database as well and .PDF files that can allow collaboration using the Bluebeam Revu platform

Sub-consultant Management:

Stef will oversee all subconsultant work. Our subconsultants were selected specifically for this project based on their expertise, local knowledge and our ongoing successful working relations.

Construction Budget:

An overall Estimates of Probable Construction Cost (EPCC) will be provided with the 40% Deliverable. The EPCC shall be prepared utilizing current pricing with in the local area and checked against the current FDOT Statewide Averages. Cost Control shall be performed by accurate quantities tabulations utilizing Civil 3 D CADD based technologies. Constructability Review shall be performed at Preliminary Horizontal Design and 40% plans to provide ample time for project revisions.

Quality Assurance/Quality Control (QA/QC):

Quality is the responsibility of every team member at every stage. Our team uses a 3 step process. 1.) Team Review, 2.) Stef Review, 3.) Marcelo Dimitriou (C&T)

- Team Review Continual back-checking of each team member's own work using our standard roadway design checklists, the city standards and the FDOT Plans Preparation Manual.
- Stef Review will review all plans and give feedback using Design Review.
- Marcelo will review all plans prior to 40% submittal



Our team will utilize the Autodesk Design Review Module for quality control. Autodesk design review accelerates projects from start to finish with all digital tools to review, mark up, and track change to designs.

Communication Plan:

Stef will be the City's primary contact, and will respond within hours, to the City, our Subconsultants, our team. A Project Communication Plan will be developed to define the communication requirements for the project and how information will be distributed. The communication plan will define: communication requirements based on roles, what information will be communicated, how the information will be communicated, when the information will be distributed, who does the communication and who receives the communication. The Communication Plan sets the communication framework for this project. It serves as a guide throughout the life of the project. Stef is responsible for updating and ensuring compliance with the plan.

The C&T communication plan includes both communication between the design and review team as well as the general public.

- Team/Client Communication
 - One Point of Contact
 - Inter-team coordination
 - Monthly project update meetings
 - Correspondence using Bluebeam Revu for consistency with the City's Platform allowing for review sessions between all team members
- Stakeholder Public Information/Outreach Program
- Utilize City's Website for information

The communication framework for this project. It serves as a guide throughout the life of the project. Stef is responsible for updating and ensuring compliance with the plan.

Our Team communication plan includes both communication between the design and review team as well as the project stakeholders. Our communication plans with both staff and project stakeholders includes the following entities:

City Staff:

Communication through weekly emails send out by Eliot Brown, PE giving project updates. Monthly Project Progress Reports to be co-authored by Stef Matthes, PE

City Council:

Attendance at all City Council Meetings and Special Project Meetings to provide project updates. Prepare for presentations to City Council as required for project status updates.



4.09 Firm's current contracts for like projects.

Currently, there are no obligations that would pose a potential conflict of interest. Culpepper & Terpening, Inc. has an ongoing internal management procedure to effectively manage our workload and staffing needs in order to meet our client's scope, schedule and budget requirements. For many years we have had the privilege of working with the City on a number of projects, all of which we are proud to say were completed on time and within budget. We look forward to extending our ability to provide the highest quality of service to the City. Attached is a list of projects that Culpepper and Terpening presently has under contract:

| Project Name | Services | Primary Client | Fees | Schedule Commitment | Percent Complete | Project Manager |
|---|----------|---------------------------|----------------|------------------------|---------------------|-----------------------|
| Lakehurst Sidewalk | Design | City of Port St. Lucie | \$95,000 | Summer 2022 | 0% | Frank Knott |
| Paar Dr Sidewalk CEI | CEI | City of Port St. Lucie | \$119,650.00 | Spring 2021 | 90% | Fentress, Michelle |
| Community Center Sidewalk | Design | City of Port St. Lucie | \$30,000 | Winter 2022 | 25% | Mike Kendrick |
| PSL - CEI & GEO Services for the E-3 Can | CEI | City of Port St. Lucie | \$408,950.00 | Spring 2021 | 75% | Majewski, Dale |
| PSL - The Saints Golf Course Drainage | Design | City of Port St. Lucie | \$124,897.00 | Spring 2021 | 85% | Kendrick, Mike |
| Westmoreland Park - Phase 2 - CEI | CEI | City of Port St. Lucie | \$93,118.00 | Winter 2021 | 80% | Keen, Brad |
| St. James Drive Enhancements | Design | City of Port St. Lucie | \$212,610.00 | Winter 2021 | 80% | Dunton, John |
| PSL - Floresta Drive Widening PH 1 CEI | CEI | City of Port St. Lucie | \$1,218,133.80 | Summer 2021 | 25% | Knott, Frank |
| PSL - Tulip & College Park Intersection Review | Planning | City of Port St. Lucie | \$5,000 | Fall 2021 | 95% | Stocton, Heath |
| PSL - West Snow Drainage Improvement Design | Design | City of Port St. Lucie | \$24,560.00 | Fall 2021 | 90% | Dunton, John |



4.10 Value Added Services

At C&T, we pride ourselves on the 'value-added' services that we typically provide to the City at no additional cost. We do not view City work as being 'fill-in' work like other more regionally focused firms may. We value the City as one of our trusted business partners. We take pride in our commitment to do what it takes to deliver the best possible services and value to the City. The following is a brief summary of how we achieve this:

Plan Review – We utilize out construction Engineering & Inspection services' staff for additional plan and constructability review during preparation of the plans. The review includes ground-truthing of field conditions, plan review and pay item review. We have found that this solidifies the plans and bid items, greatly reducing the likelihood of change orders or claims.

Survey and Field Modification Ability – Oftentimes, unforeseen utilities or design issues cause delays to the work. We have proven on past projects that we can keep the project moving forward and on schedule by performing surveys with our on-site inspection personnel and preparing field plan modifications 'on the fly' to avoid costly delays. Many consultants are not willing to take this risk. We are willing to take that risk and have done so on many previous occasions when working with the City.

ArcGIS Online - We can utilize a project-specific geodatabase online for design and construction. This tool allows us to place ourselves or any other person at any location in the field and see, on a tablet, exactly where any features such as valves, hydrants, etc., are located. This is useful to assure that the locations of these items will not interfere with any existing or proposed features along the alignment.

Drone Aerials - As an added value, we have the ability to provide aerial imagery, either scheduled or upon request, with minimal notice. We use preconstruction aerial images to assist the contractor in assessing difficult-to-access areas and during design to assist in route selection and for determination of open cut versus directional bore installation methods. The aerial images are also helpful for a preconstruction video where fences or vegetation do not allow access for on-foot video. Topographic information can also be obtained using the image-capturing drone.

Live Video Feeds - We have the ability to provide live video feed of the project site to the City. We have done this on past occasions when PSLUSD inspection staff has not been available to come on site. This expedited the work be allowing work to move forward without the need to wait on an inspection slot to become available. We fully understand that using this method is solely at the City's discretion.

Records and Communication – We have the ability to share our records with the City on a daily basis, if desired. Our site inspector will upload their daily field reports, along with photographs containing coordinates identifying the exact location. We can also allow access to other files such as progress meeting summaries.

As-built Verification with GPS - We have the ability to utilize our GPS equipment to verify unforeseen conflict information in the field. This saves time since it negates the need to wait on a survey crew to obtain the location information. We can also use GPS equipment to check the contractor's as-built information.

Flexibility of Staff – As a local firm with ongoing local projects, we have the flexibility to adjust CEI staffing to the contractor's work effort and schedule. Where demand for our input is low, we can usually reassign personnel to another local project to reduce the project costs and stretch the budget. Flexibility of our staff also allows us to work with the PSLUSD inspector as a team. This has been proven on several significant projects, including the City's water main replacement project when our inspection staff worked closely with Mr. Fultz in a seamless, combined effort.



Value Engineering/Cost Savings – C&T's proven, proactive approach to CEI services has previously resulted in real dollar savings to the City and its residents. With all our projects, we conduct detailed preproject field inspections of the construction corridor/site with an eye towards assessing the existing site conditions to make certain that the design assumptions in the permitted plans will indeed work and are constructible. If we find items of concern, we will report them to the City's Project Manager and provide recommendations.

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

In 2010, the City of Port St. Lucie awarded C&T a CEI Services the contract for work associated with the construction of SW Village Parkway, from Becker Road to Tradition Parkway. Utilizing our proactive Value Engineering process, we identified/developed, a series of recommendations that were provided to, and accepted by, the City, resulting in changes to the roadway drainage system that saved approximately \$160,000 on overall construction costs. Additional field changes were made to delete gravity walls and reduce scope, resulting in additional project savings.

C&T was awarded the CEI contract associated with the construction of the City's Canal Park, along the C-24 waterway. C&T worked closely with the City of Port St. Lucie to make certain field changes that were determined to be needed in order to improve the project. These changes, that would typically require survey and design involvement, were made in the field with our experienced CEI team, thus saving on additional engineering costs.

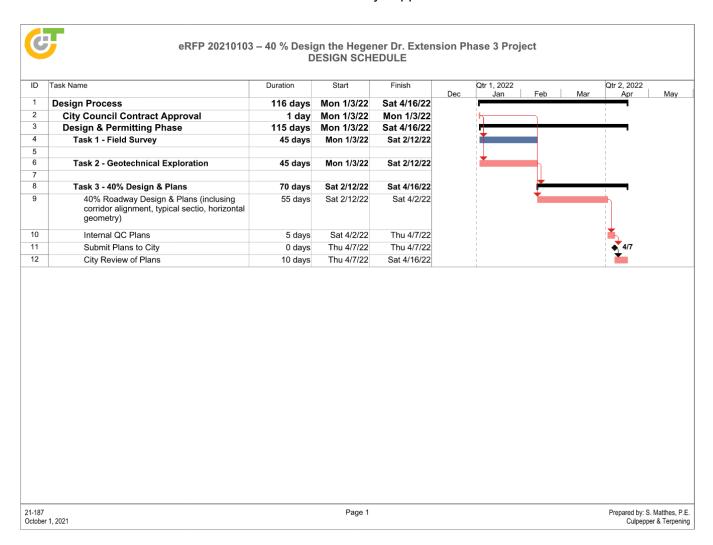
In 2014, C&T was awarded a contract for various sidewalks at locations throughout the City. During this project, additional work was added to the CEI services program to address a section of planned construction where no design plans had been provided. C&T's CEI staff worked directly with the City to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

Over our years of working with the City, C&T has also saved the City substantial costs by performing 'probono' work on several City improvement projects. One of the most recent projects completed was the Community Transit/Port St. Lucie Intermodal Transfer Facility, where we provided pro-bono services valued at over \$100,000.



4.11 Proposed Schedule

The proposed design completion in the RFQ includes a 120-calendar day contract duration. This equates to a 4-month design. We will submit a Corridor alignment, Typical Section, Preliminary Horizontal Geometry, and 40% submittal process. Our proposed team has committed to deliver the project within the 4-month duration. Our workload and staff availability support our team's commitment.





4.12 Innovation

Innovation is one of the areas that our firm endeavors to distinguish itself from our competitors. It is our believe that in doing so we can save our client's time, money and resources and contribute to a more successful project. The following are some examples of innovation in our processes that we already use today:

- **3D Modeling of Projects** Our firm, since the availability of this functionality in our design software, has utilized 3D modeling in our designs. We believe that whenever reasonably possible, it is better to create smart data that can be leveraged in the future.
- Email Manager Tool Our firm has taken many efforts to automate and improve all of our business workflows. As an example of this, we utilize an email manager tool that requires that our firm's project related emails contain metadata tags with built in workflow. This simple tool enables each individual email to be automatically named, stored in the correct project folder and simultaneously alerts internal team members of the email status. This tool has proven to be very beneficial to our Client's as we act as record keepers of this data and have been able to provide historic to information quickly to our Client's including the City of Port St. Lucie.
- Unmanned Aerial Vehicle Tools Dependent on project scope and needs we have already successfully utilized our UAV department to provide some of the following services to the City:
 - Perform Topographic Surveys utilizing photogrammetry tools or LiDAR;
 - Calculate or verify spoil volumes or lake volumes;
 - o Perform culvert Inspections where conditions would otherwise require closing a bridge or road;
 - o Provide pre-construction route inspections videos and imagery;
 - Provide reoccurring orthomosaic aerials of site conditions during the different project stages;
 - o Provide the City with marketing or public information photos of project progress;
 - o Capture 360° panorama images at critical design locations in the project.
- Cloud Collaboration Another new technology that we utilize in our process is cloud collaboration. As an example, by utilizing Bluebeam Studio software this allows for the remote sharing of data on a construction site in real time. We utilize it predominantly as a review tool for our engineers which digitises the drawing review process on construction projects, and allows for better collaboration.
- GIS Asset Mapping Additionally, for many years our firm has focused on asset mapping of our historical records. We believe we have the largest archive of historical surveys and civil engineering plans and data in the Treasure Coast. The innovative process includes collecting data from surveys, design plans, permits and plats and combining all the data in a geodatabase. Our GIS system can show our engineers in real time what information we have for any site in our service area. Similarly, we have helped our municipal Client's build databases of roadway, drainage infrastructure, utility and other types of similar project data.

As an example of how this can be beneficial to our City project's, during the ongoing CEI services for Floresta Drive Phase 1 Widening, our inspectors have the road base maps for the project in GIS Explorer mobile application on their tablet. This allowed for simplified communications with residents along the corridor of any questions or concerns that they might have in that they could "see themselves" in the plans.



4.13 Plat Preparation

Concurrent with the development of the 40% plans, a Preliminary Plat will need to be prepared to reserve the proposed roadway corridors. C&T is in the unique position of having prepared the original Plat No. 3 which created Southern grove. Additionally, we prepared Southern Grove Plat No. 14 (Plat Book 71, Pages 35 – 42) which established the City's Industrial/Commercial Corridor. We have all of the control and cadd files required to efficiently provide the platting design efforts. Having the roadways design and surveying "In-House" provides for economies of scale from both a timing and coordination effort.

C&T has prepared the majority of the Plats encompassing the City's Southern Grove Industrial/commercial corridor. Our Plans on include SG Plat No.14, SG Plat No. 33, SG Plat No. 34, SG Plat No. 35, SG Plat No. 36 and we are currently working on SG Plat No. 38 which will establish Project Bullets property limits.

As demonstrated above, our specific knowledge and experience within the Southern Grove area, will result in the most efficient completion of the platting process.

4.14 Roadway Design & Soil Conditions

The proposed Hegener Drive Extension includes areas that coincide with historical wetland areas that may have been filled over when the property was used for agricultural farmland. The geotechnical exploration phase of the project will focus on the possible presence of soils containing high amounts of organics (i.e. muck, soft sediment, organic silt, etc.) within the alignment. Additionally, the proposed alignment crosses over several drainage ditches and swales that need to be explored for the presence of organic soils. The geotechnical engineering report will provide recommendations for properly cleaning, demucking and backfilling the former wetland areas, drainage ditches and swales. The geotechnical exploration will also provide soil borings along the alignment that will characterize the subsurface conditions (soil types and groundwater levels). The area is known to have predominately clayey fine sandy soils near the surface that are very poorly drained and can be problematic if not properly moisture-conditioned during construction. The data collected from the geotechnical exploration will be used by the project team to set roadway grades that provide adequate drainage and prevent periodic saturation of the roadway base material.

4.15 FPL Coordination and Conduit Design

C&T has vast experience with design and coordination of FP&L facilities, both for transportation projects as well as private development needs and the development of Solar Power Facilities.

Our most recent experience is for the Southern Grove Plat 33 project whereas underground power for the new FedEx facility is being coordinated both within the access roadways (SW Anthony A. Sansone Sr. Blvd & E/W connector) and the redundant power needs for the new building. This also included providing FP&L with the overall master plan for the Plat 33 area to ensure that the proper transformers and switch cabinets were provided with the initial project construction.

Our coordination with FP&L was done through Danielle Mousseau, Project Coordinator; Jacqueline Underwood, Lead Project Manager; Yosley Gonzalez, Field Manager and Christian Pruitt, LED Street Lighting.



4.16 Three (3) Similar Projects

Similar Project #1 - Southern Grove Plat No. 33, SW Anthony A. Sansone Sr. Blvd.



1. Organization and Contact Name: ARCO/Murray - Brad Berg, Project Manager

Current phone number: 331-233-4954

Email address: bberg@arcomurray.com

2. Project Description:

Design, permitting and CEI for the construction of SW Anthony A. Sansone Sr. Blvd. from Becker Road to the northern limits of the new Fedex facility. Design included 4,400 linear feet of urban 4 lane divided and rural 2 lane undivided roadway; 4,400 linear feet of 12" potable water transmission main; 2,900 linear feet of 6" and 8" sanitary force main; 2,400 of 8" gravity sewer; central lift station; landscape, lighting and irrigation.

- 3. Dollar values for design and construction (If the project included other facilities besides a pipeline, i.e. a pumping station or receiving tank or pond, please breakout the costs and lists separately.)

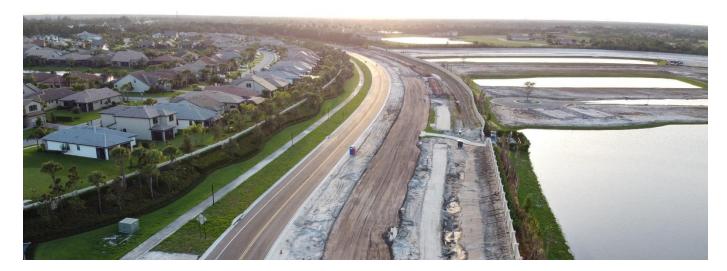
 Design Costs: \$137,740

 Construction Costs: \$3,139,925
- 4. Year project was designed and year the project built and placed into service.

 Design: 2020 2021 Construction Completion: Under Construction
- 5. Describe all of the services that were provided by your firm for this project. Services provided included surveying, design, permitting and construction administration.
- 6. Staff involved on that project and their role(s):
 - J. P. "Butch" Terpening Principal
 - Stefan K. Matthes Project Manager
 - Eliot Brown Design Engineer
 - Donnie Pinkerton AutoCAD Designer
 - Marcelo Dimitriou Const. Administration
 - Frans Christiansen Inspector



Similar Project #2 - Becker Road Phase 2 & 3



1. Organization and Contact Name: Veranda CDD - Austin Burr

Current phone number: (904) 910-7256

Email address: ABurr@greenPointeLLC.com

2. Project Description:

Design, permitting and CEI for the construction of improvements to Becker Road from Via Tesoro Blvd to Gilson Road. Design included 3,300 linear feet of 4 lane urban roadway; three (3) major roundabouts; 15,000 linear feet of pedestrian and multiuse pathways; 6,600 linear feet of 12" force main; pedestrian lighting; landscape and irrigation.

- 3. Dollar values for design and construction (If the project included other facilities besides a pipeline, i.e. a pumping station or receiving tank or pond, please breakout the costs and lists separately.)

 Design Costs: \$313,020

 Construction Costs: \$7,635,115
- Year project was designed and year the project built and placed into service.
 Design: 2017 2020 Construction Completion: Phase 2 Complete; Phase 3 Under Construction
- 5. Describe all of the services that were provided by your firm for this project. Services provided included surveying, design, permitting and construction administration.
- 6. Staff involved on that project and their role(s):
 - J. P. "Butch" Terpening Principal
 - Stefan K. Matthes Project Manager
 - Eliot Brown Design Engineer
 - Donnie Pinkerton AutoCAD Designer
 - Marcelo Dimitriou Const. Administration
 - Chris Frederick Inspector



Similar Project #3 – Torino Parkway & Cashmere Blvd Roundabout



Organization and Contact Name: City of Port St. Lucie – Heath Stocton, PE Asst. Director PWD Current phone number: 772-344-4239
 Email address: HStocton@cityofpsl.com

2. Project Description:

Design, permitting and post design services for the construction of a new roundabout at the intersection of Torino Parkway and Cashmere Blvd. Design included the initial modeling to justify the use of a new roundabout at the intersection; roadway; drainage; specialized maintenance of traffic; sidewalk; signing & pavement marking; street lighting; landscape and irrigation.

- 3. Dollar values for design and construction (If the project included other facilities besides a pipeline, i.e. a pumping station or receiving tank or pond, please breakout the costs and lists separately.)

 Design Costs: \$146,569

 Construction Costs: \$1,461,795
- 4. Year project was designed and year the project built and placed into service.

 Design: 2019 Construction Completion: 2020
- 5. Describe all of the services that were provided by your firm for this project.
 Services provided included surveying, design, permitting and construction assistance.
- 6. Staff involved on that project and their role(s):
 - J. P. "Butch" Terpening Principal
 - Stefan K. Matthes Project Manager
 - Eliot Brown Design Engineer
 - Donnie Pinkerton AutoCAD Designer
 - Marcelo Dimitriou QA/QC



4.17 Forms - Location Map Form

eRFP # 20210103



SUPPLIER LOCATION CERTIFICATION

Attachment D - PSL Location Form

The undersigned, as a duly authorized representative of the Supplier listed herein, certifies to the best of their knowledge and belief, that the Supplier's location is correctly reflected based upon the below information. For purposes of this section, "Location" shall mean a business which:

- a) How far is the Supplier's fixed office or distribution point located from City Hall; and
- b) Is the principal offeror who is a single offeror; a business which is the prime contractor and not a subcontractor; or a partner or joint venturer submitting an offer in conjunction with other businesses.

Complete the following and upload this document and the Google Maps print out to the required sourcing platform:

| Business Name: Culpepper & Terpening, Inc. | |
|--|--|
| Current Local Address: 2980 S. 25 th Street. Fort Pierce, Florida Length of time at this address: 26 years Please provide your prior business address if the above address has been for less than | Phone: 772-464-3537 Fax: 772-464-9497 To one (1) year, prior to the |
| issuance of this solicitation. N/A Length of time at this address: N/A | |
| Home Office Address: N/A Length of time at this address: N/A (Signed) | Phone: N/A Fax: N/A |
| (Title) Sr. Vice President STATE OF FLORIDA } COUNTY OF ST. LUCIE} SS: The foregoing instrument was acknowledged before me this (Date) October 1, 2021 | ROBERTO CABRERA |
| who is personally known to me or who has produced as identification and who did (did not) take an oath. Roberto Cabrera (h) (Commission No. GG 9329) Notary (print & sign name) | MY COMMISSION # GG932986 EXPIRES: November 19, 2023 Bonded Thru Notary Public Underwriters |
| Pohorto Cabrora // / GG 0320 | |



4.18 Corporate Charter

State of Florida Department of State

I certify from the records of this office that CULPEPPER & TERPENING, INC. is a corporation organized under the laws of the State of Florida, filed on November 15, 1985.

The document number of this corporation is H85712.

I further certify that said corporation has paid all fees due this office through December 31, 2021, that its most recent annual report/uniform business report was filed on January 14, 2021, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Fourteenth day of January, 2021





Tracking Number: 5566867785CC

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

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



4.19 SLC Business Tax Receipt



2020 - 2021

St. Lucie County Local Business Tax Receipt

Facilities or machines #

Rooms #

Seats #

Employees #6

Receipt #8911-00021487

Type of business 8911 ARCHITECT/ENGINEER/LAND SURV

(ENGINEER)

Expires SEPTEMBER 30, 2021

DBA name Culpepper & Terpening Inc

Mailing address: Culpepper & Terpening Inc

2980 S 25Th St

Fort Pierce, FL 34981

Business Terpening James P Jr

Business location: 2980 S 25Th Street

Fort Pierce, FL 34981

RENEWAL

Total:

St Lucie County

ST PE 24276

Original tax:

Penalty: Collection cost: \$27.55

\$27.55

Paid 07/15/2020 27.55

0003-20200715-008547

Law requires this Local Business Tax Receipt to be displayed conspicuously at the place of business in such a manner that it can be open to the view of the public and subject to inspection by all duly authorized officers of the county. Upon failure to do so, the local business taxpayer shall be subject to the payment of another Local Business Tax for the same business, profession or occupation.

Pursuant to Florida law, all Local Business Tax Receipts shall be sold by the Tax Collector beginning July 1 of each year and shall expire on September 30 of the succeeding year. Those Local Business Tax Receipts renewed beginning October 1 shall be delinquent and subject to a delinquency penalty of 10 percent for the month of October. An additional 5 percent penalty for each month of delinquency is added until paid, provided that the total delinquency penalty shall not exceed 25 percent of the Local Business Tax for the delinquent establishment.

In addition to the penalty, the Tax Collector is entitled to a collection fee of \$1 to \$5. This fee is based on the amount of Local Business Tax, which will be collected from delinquent taxpayers after September 30 of the business year.

This receipt is a Local Business Tax only. It does not permit the local business taxpayer to violate any existing regulatory or zoning laws of the state, county or city. It also does not exempt the local business taxpayer from any other taxes, licenses or permits that may be required by

Pursuant to Florida law, Local Business Taxes are subject to change.

Culpepper & Terpening Inc 2980 S 25Th St Fort Pierce, FL 34981



4.20 List any lawsuits pending or completed within the past five (5) years....

Legal Actions involving the C&T Team are as follows: Kane v. St. Lucie County, Tuhbad Farms, Kane claiming their property flooding increased after drainage improvements were made. A formal action has not been taken against C&T, but one may be forthcoming.

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4.21 Licenses and Certifications Required to Perform this Project





Florida Department of Agriculture and Consumer Services Division of Consumer Services Board of Professional Surveyors and Mappers 2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: LB4286

Expiration Date February 28, 2023

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

CULPEPPER & TERPENING INC 2980 SOUTH 25TH STREET FORT PIERCE, FL 34981

nicole fried

NICOLE "NIKKI" FRIED COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.





Ron DeSantis, Governor

STATE OF FLORIDA



BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

TERPENING, JAMES PARKER JR.

106 NE CHARLESTON OAKS DR. PORT SAINT LUCIE FL 34983

LICENSE NUMBER: PE24276

EXPIRATION DATE: FEBRUARY 28, 2023

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.



Ron DeSantis, Governor



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

MATTHES, STEFAN KARL

4320 THOUSAND PINES DRIVE FORT PIERCE FL 349810000

LICENSE NUMBER: PE38723

EXPIRATION DATE: FEBRUARY 28, 2023

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

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Ron DeSantis, Governor

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

BROWN, ELIOT LEE

1826 SW JANETTE AVE PORT SAINT LUCIE FL 34953

LICENSE NUMBER: PE82232

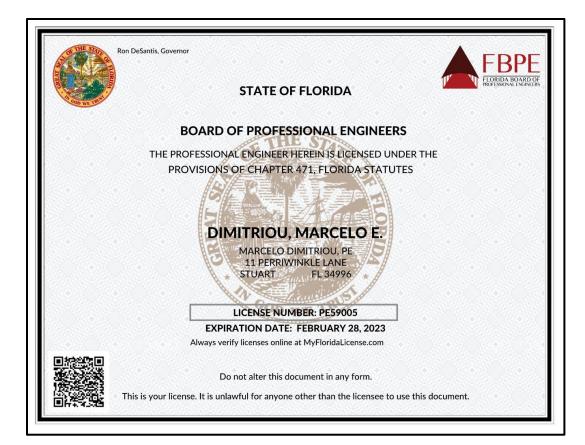
EXPIRATION DATE: FEBRUARY 28, 2023

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.







Florida Department of Agriculture and Consumer Services Division of Consumer Services Board of Professional Surveyors and Mappers 2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: LS6199
Expiration Date February 28, 2023

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

THOMAS P KIERNAN 1312 SW FAST ST PALM CITY, FL 34990-4139

nicole fried

NICOLE "NIKKI" FRIED COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

State of Florida

Board of Professional Engineers

Zachary John Mouw

Has satisfactorily demonstrated qualifications in engineering, fundamentals, technical subjects, mathematics and basic sciences and is hereby recognized as an:

Engineer Intern

No. 1100023569

Audit No. 22820174939

In Testimony whereas, witness the signature of the Chair under the seal of the Board this 9th day of March, 2020.

Babu Varghese





4.22 Insurance Certificates

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| | rance Office of America coa Town Center | | | | PHONE (A/C, No, Ext): (561) 2 | | 1.4 | 321) | 214-6412 |
| |) University Blvd, Suite 200 iter, FL 33458 | | | | | | | | |
| up | ter, 1 L 00400 | | | | | | | | NAIC# |
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| | Culpepper & Terpening Inc. | | | | | | | | |
| | 2980 S. 25th Street Ft. Pierce, FL 34981 | | | | INSURER D : Bridget | field Emplo | yers Insurance Comp | any | 10701 |
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FOR PROPOSAL PURPOSES ONLY
ACORD 25 (2016/03)

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The ACORD name and logo are registered marks of ACORD

AUTHORIZED REPRESENTATIVE

John In Briggs



Client#: 1051523 CULPETER

ACORD. CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 2/25/2020

| THIS CERTIFICATE IS ISSUED AS A M. CERTIFICATE DOES NOT AFFIRMATIV BELOW. THIS CERTIFICATE OF INSUR REPRESENTATIVE OR PRODUCER, AI | ELY O | R NEGATIVELY AMEND, EX DOES NOT CONSTITUTE A | TEND OR ALTER T | HE COVERA | GE AFFORDED BY THE POLIC | CIES |
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| this certificate does not confer any rigi | nts to ti | ne certificate noider in lieu c | CONTACT NAME: | nt(s). | | |
| JSI Insurance Services, LLC | | | NAME: | 4 7500 | FAX | |
| 2502 N Rocky Point Drive | | | PHONE (A/C, No, Ext): 813 32 | 21-7500 | (A/C, No): | |
| Suite 400 | | | E-MAIL ADDRESS: | | | _ |
| Гатра, FL 33607 | | | | | FORDING COVERAGE | NAIC# |
| SECRETARY STATE OF STATE OF SECRETARY CONTROL | | | INSURER A : Liberty Insu | rance Underwriters, | Inc. | 19917 |
| SURED Culpepper & Terpening In | _ | | INSURER B : | | | |
| 2980 South 25th Street | ٠. | | INSURER C : | | | |
| Fort Pierce, FL 34981 | | | INSURER D : | | | - |
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| | | | | | PERSONAL & ADV INJURY \$ | |
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| OTHER: | | | | | \$ | |
| AUTOMOBILE LIABILITY | | | | | COMBINED SINGLE LIMIT (Ea accident) \$ | |
| ANY AUTO | | | | | BODILY INJURY (Per person) \$ | |
| OWNED SCHEDULED AUTOS ONLY | | | | | BODILY INJURY (Per accident) \$ | |
| HIRED NON-OWNED AUTOS ONLY | | | | | PROPERTY DAMAGE (Per accident) \$ | |
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| EXCESS LIAB CLAIMS-MADE | | | | | AGGREGATE \$ | |
| DED RETENTION\$ | 1 | | | | \$ | |
| WORKERS COMPENSATION | | | | | PER OTH- | |
| AND EMPLOYERS' LIABILITY | | | | | E.L. EACH ACCIDENT \$ | |
| ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? | N/A | | | | | |
| (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below | | | | | E.L. DISEASE - EA EMPLOYEE \$ | |
| | | AEX20026601110 | 02/45/2020 | 02/45/2024 | \$2,000,000 per claim | |
| Professional Liability | | AEX20026601110 | 02/15/2020 | 02/15/2021 | \$2,000,000 per claim \$2,000,000 anni aggr. | |
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4.23 Forms - E-Verify Form

eRFP CCNA # 20210103



E-Verify Form

Attachment G - E-Verify Form

Supplier/Consultant acknowledges and agrees to the following:

- 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
- 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 | 01-25-21 | | | | | | |
| Name of Contractor | Culpepper & Terpening, Inc. | | | | | | |
| Name of Project | 40% Design of Hegener Dr Extension Phase 3 | | | | | | |
| Solicitation Number (If Applicable) | 20210103 | | | | | | |
| I hereby declare under penalty of perjury that | at the foregoing is true and correct. | | | | | | |
| Executed on October , | 1, 20_21 in Fort Pierce(city), FL(state). | | | | | | |
| Signature of About rized Officer | Stefan K. Matthes, PE – Sr. Vice President Printed Name and Title of Authorized Officer or Agent | | | | | | |
| SUBSCRIBED AND SWORN BEFORE ME | | | | | | | |
| ON THIS THE 1 DAY OF October NOTARY PUBLIC 11-19-23 | ROBERTO CABRERA MY COMMISSION # GG932986 EXPIRES: November 19, 2023 Bonded Thru Notery Public Underwriters | | | | | | |

Page 1 of 1



4.24 Forms - Drug-Free Workplace Form

Attachment I - Drug Free Workplace Form

DRUG-FREE WORKPLACE FORM eRFP # 20210103

Design Services to provide 40% Design Plans for the Hegener Drive Extension Phase 3

Project

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.
- 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.

October 1, 2021

Date:

eRFP # 20210103



4.25 Forms – Consultant Code of Ethics

eRFP # 20210103 Attachment F - CONSULTANT CODE OF ETHICS

The City of Port St Lucie ("City), through its Procurement Management Department ("PMD") 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, PMD requires each Consultant who seeks to do business with the City to subscribe to this Consultant Code of Ethics.

- A Contractor's bid or proposal will be competitive, consistent and appropriate to the proposal documents.
- A Contractor will not discuss or consult with other Vendors intending to proposal on the same contract or similar City contract for limiting competition. A Vendor will not make any attempt to induce any individual or entity to submit or not submit a proposal or proposal.
- Contractor will not disclose the terms of its proposals or proposal, directly or indirectly, to any other competing Vendor prior to the proposal or proposal closing date.
- Contractor will completely perform any contract awarded to it at the contracted price pursuant to the terms set forth in the contract.
- Contractor will submit timely, accurate and appropriate invoices for goods and/or services performed under the contract.
- Contractor will not offer or give any gift, item or service of value, directly or indirectly, to a City employee, <u>City official</u>, employee family member or other Vendor contracted by the City.
- Contractor will not cause, influence or attempt to cause or influence, any City employee or City Official, which might tend to impair his/her objectivity or independence of judgment; or to use, or attempt to use, his/her official position to secure any unwarranted privileges or advantages for that Vendor or for any other person.
- Contractor will disclose to the City any direct or indirect personal interests a City employee or City official holds as it relates to a Vendor contracted by the City.
- Contractor must comply with all applicable laws, codes or regulations of the countries, states and localities in which they operate. This includes, but is not limited to, laws and regulations relating to environmental, occupational health and safety, and labor practices. In addition, Consultant must require their suppliers (including temporary labor agencies) to do the same. Contractors must conform their practices to any published standards for their industry. Compliance with laws, regulations and practices include, but are not limited to the following:
 - Obtaining and maintaining all required environmental permits. Further, Contractor will endeavor to minimize natural resource consumption through conservation, recycling and substitution methods.
 - Providing workers with a safe working environment, which includes identifying and evaluating workplace risks and establishing processes for which employee can report health and safety incidents, as well as providing adequate safety training.
 - Providing workers with an environment free of discrimination, harassment and abuse, which includes establishing a written antidiscrimination and anti-bullying/harassment policy, as well as clearly noticed policies pertaining to forced labor, child labor, wage and hours, and freedom of association.

Name of Organization Proposer Culpepper & Terpening, Inc. Signature

Date October 1, 2021

Printed Name and Title Stefan K. Matthes, Sr. Vice President

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



4.26 Forms - Non-Collusion Affidavit

NON-COLLUSION AFFIDAVIT

RFP # 20210103

Design Services to provide 40% Design Plans for the Hegener Dr. Extension Phase 3 Project

| State of Florida County of St. Lucie |
|--|
| Stefan K. Matthes , being first duly sworn, disposes and says that: |
| They are <u>Sr. Vice President</u> of <u>Culpepper & Terpening, Inc.</u> 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 circumstance 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 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 of 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, conspirace connivance or unlawful agreement on the part of the Proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant. (Signed) (Title) Sr. Vice President |
| STATE OF FLORIDA } COUNTY OF ST. LUCIE} SS: |
| The foregoing instrument was acknowledged before me this (Date) October 1, 2021 by: Stefan K. Matthes, PE who is personally known to me or who has produced as identification and who did (did not) take an oath. Roberto Cabrera MY COMMISSION # GG932986 EXPIRES: November 19, 2023 Bonded Thru Notary Public Underwriters |



4.27 Forms - Cone of Silence

Attachment E - Cone of Silence Form



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 Mr. Jason Bezak, Issuing Officer, for the procurement of these services.

All questions regarding this Solicitation are to be submitted in writing to Jason Bezak, Procurement Agent I with the Procurement Management Department via e-mail JBezak@cityofpsl.com, or by phone 772-344-4068. 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.

Cone of Silence and Solicitation Communication

1 of 1

eRFP # 20210103



4.28 Forms – Truth-In-Negotiation Certificate And Affidavit

Attachment J - Truth In Negotiation



TRUTH-IN-NEGOTIATION CERTIFICATE

Solicitation# 20210103

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

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

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

Culpepper & Terpening, Inc. – Sr. VP Name of Firm Stefan K. Matthes, PE President or Designee (Printed) President or Designee (Signed) The foregoing instrument was acknowledged before me by Stefan K. Matthes who is personally known to me. WITNESS my hand and official seal in the St. Lucie Florida last aforesaid this day of October, 2021. (SEAL) Signature Notary Name (Woed or printed) Roberto Cabrera Notary Name (signed) Roberto Cabrera Notary Name (signed)



4.29 Forms - Consultant's General Information Worksheet/Questionnaire



Consultant's General Information Worksheet/ Questionnaire eRFP # 20210103

Solicitation Name: Design Services to provide 40% Design Plans for the Hegener Drive Extension Phase 3 Project

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

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

1. ORGANIZATIONAL PROFILE- COMPANY NAME: Culpepper & Terpening, Inc.

PHYSICAL ADDRESS: 2980 S. 25th Street, Fort Pierce, Florida 34981
TELEPHONE NUMBER: 772-464-3537 FAX NO. 772-464-9497
MAILING ADDRESS: 2980 S. 25th Street, Fort Pierce, Florida 34981
CONTACT PERSON Stefan K. Matthes E-MAIL: smatthes@ct-eng.com

Is the firm incorporated? Yes--No If yes, in what state? Provide a list of officers for this entity.

- 2. <u>COMPLETION OF FORM</u> An authorized representative of the firm offering this Proposal must complete this form in its entirety. Terms entered herein shall not be subject to withdrawal or escalation by Contractor. The City reserves the right to hold proposals for a period not to exceed one hundred twenty (120) calendar days after the date of the proposal opening stated in the Invitation to Proposal before awarding the Contract. Contract award constitutes the date that City issues an executed Purchase Order.
- 3. **CONTRACT** Contractor agrees to comply with all requirements stated in the specifications for this RFP.
- **4.** <u>AGREEMENT</u> Contractor agrees to comply with all requirements stated in the specifications for this RFP.

CERTIFICATION:

| This RFP is submitted | by: Name (print) _ | Stefan K. Matthes | who is an office |
|-----------------------|--------------------|-------------------------------------|----------------------------------|
| | | proposals and enter into contracts. | I certify that this solicitation |

Page 1 of 2





response is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a proposal for the same materials, supplies, or equipment, and is in all respects fair and without collusion or fraud.

The Contractor understands that information contained in this Solicitation Reply will be relied upon by City in awarding the proposed Contract and such information is warranted by the proposer to be true. The undersigned Contractor agrees to furnish such additional information, prior to acceptance of any solicitation relating to the qualifications of the proposer, as may be required by the City.

I certify that the information and responses provided on this Solicitation are true, accurate and complete. The City may contact any entity or reference listed in this Proposal. Each entity or reference may make any information concerning the Contractor available to the City.

If a corporation renders this Proposal, the corporate seal attested by the secretary shall be affixed below.

Sr. Vice President

| Any agent signing this Proposal s | nail attach to this form evidence of legal authority. |
|--|---|
| Witnesses: | If Partnership: |
| Thomas Kiernan Print pame | Print Name of Firm |
| Roberto Cabrera | By:(General Partner) |
| The both of the state of the st | If Corporation: Culpepper & Terpening, Inc. |
| If Individual: | Print Name of Corporation By: |
| Signature | (President) |
| Print Name | (Secretary) |

I agree to abide by all conditions of this RFP:

Page 2 of 2



4.30 Form W-9

W_Q

Request for Taxpayer

Give Form to the

| epartme | etober 2018) ent of the Treasury Revenue Service | N. 600 | | | ber and Certifi | | | n. | | | rec | e Fo Juest nd to | er. I | Oo I | no | | | |
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| page | Check appropriation following seven because the control of th | | ame is entered on line 1. Ch | _ | | | ent | otions (codes apply only to ntities, not individuals; see ons on page 3): | | | | | | | | | | |
| c Instructions on | Individual/sole | on Partnership | | ust/est | ра | payee code (if any) | | | | | | | | | | | | |
| Individual/sole proprietor or single-member LLC | | | | | | | | wner. Do not check owner of the LLC is gle-member LLC that | | | | | | | on from FATCA reporting | | | |
| ecit | Other (see ins | tructions) ► | | | | | | | (Applies to | acc | ounts m | aintained | outsia | e the l | J.S., | | | |
| S . | 5 Address (number | r, street, and apt. or s | uite no.) See ins | tructions. | | Reques | ter's n | ame a | and addre | ess | (optio | onal) | | | | | | |
| | 980 South 25t | | | | | | | | | | | | | | | | | |
| (| 6 City, state, and Z | IP code | | | | | | | | | | | | | | | | |
| | ort Pierce, Flo | | | | | | | | | | | | | | _ | | | |
| 7 | 7 List account num | ber(s) here (optional) | | | | | | | | | | | | | | | | |
| | _ | | | | | | | | | | | | | | | | | |
| art | | er Identificati | | | | | | | | _ | | | | | | | | |
| | | ame given on line 1 to av umber (SSN). However, f | | Soci | al sec | urity nu | mb | er | | _ | _ | _ | | | | | | |
| | | | | | r Part I, later. For other | or a | | | _ | | | - | | | | | | |
| | | yer identification nu | umber (EIN). If | you do not have a | a number, see How to ge | et a | Ш | | | | | L | | | T | | | |
| <i>TIN,</i> later. Note: If the account is in more than one name, see the instructions for line 1. Also see <i>W</i> | | | | | | | or | lover | identific | oti | on nu | mhor | | | ī | | | |
| | | n more tnan one na guester for guidelin | | | 1. Also see what Name | ana | Emp | loyer | Identific | au | OH HU | Inber | T | Т | ╣ | | | |
| 11001 | 1 10 0110 110 110 | queeter for gardenin | 100 011 1111000 1 | idilibor to onton | | | 5 | 9 | - 2 | 6 | 0 | 6 4 | 2 | 0 | | | | |
| art | Certific | action | | | | | | _ | 0.0 | | | | | | 1 | | | |
| am Servi no lo | not subject to ba ice (IRS) that I am nger subject to b | ckup withholding to subject to backup backup withholding | pecause: (a) I a p withholding a g; and | am exempt from b as a result of a fail | nber (or I am waiting for ackup withholding, or (b ure to report all interest o |) I have | not be | en n | otified b | by t | the Ir | terna | | | | | | |
| | | other U.S. person (| | | | | | | | | | | | | | | | |
| | 0.40.5 | | | 1,000 | npt from FATCA reporting | - | | | | | | | | | | | | |
| u hav quisit | e failed to report a ion or abandonme | all interest and divident of secured property | lends on your to erty, cancellation | ax return. For real on of debt, contribu | notified by the IRS that you estate transactions, item 2 utions to an individual retir but you must provide you | does no ement a | ot app | ly. Fo | r mortga t (IRA), a | age .nd | inter gene | rest pa | aid, bayn | ent | s | | | |
| gn ere | Signature of U.S. person ▶ | | | | | | 25, 20 | 02 | 1 | | | | | | | | | |
| General Instructions | | | | funds) | Form 1099-DIV (dividends, including those from stocks or mutual funds) | | | | | | | | | | | | | |
| Section references are to the Internal Revenue Code unless otherwise noted. Future developments. For the latest information about developments | | | | Form 1099-MISC (various types of income, prizes, awards, or gross proceeds) | | | | | | | | | | | | | | |
| related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9. | | | | Form 1099-B (stock transactions by broken 1099-S (process) | (ers) | | | | | | | er | | | | | | |
| urp | ose of For | m | | | Form 1099-S (proceeds from real estate transactions) Form 1099-K (merchant card and third party network transactions) | | | | | | | | | | | | | |
| on individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer dentification number (TIN) which may be your social security number | | | | Form 1098 (home 1098-T (tuition) | | | erest) | , 1098-E | E (S | stude | nt loa | n int | eres | t), | | | | |
| | | N) which may be y er identification nu | | | Form 1099-C (can | | - 3 | | | | | | | | | | | |
| paye | er identification n | umber (ATIN), or e | mployer identif | fication number | • Form 1099-A (acqu | | | | | | | | ,, | | | | | |
| | | ormation return the n information returr | | | Use Form W-9 on alien), to provide you | | | | person | (in | cludi | ng a r | esid | ent | | | | |
| urns | include, but are | not limited to, the f | | 0000070.00.00000 000 00 | If you do not retur be subject to backup later. | n Form | W-9 t | o the | | | | | | | | | | |
| | | | C | at. No. 10231X | | | | | | | Form | W-9 | (Rev | . 10- | 20 | | | |
| | | | C | at. NO. 10231X | | | | | | | LOUI | | (HeV | . 10- | 20 | | | |