

October 26, 2021

Jason Bezak  
Procurement Agent 1  
City of Port St. Lucie – Procurement Management Division  
121 SW Port ST. Lucie Blvd.  
Port St. Lucie, FL 34984

**Subject: Shortlist question and answer  
City of Port St. Lucie – eRFP 20210103  
Design & Permitting – Hegener Drive Extension Phase III**

Dear Mr. Bezak & Evaluation Committee:

Giangrande Engineering & Planning (GEP) appreciates the opportunity to submit this letter of responses to questions to the City of Port St. Lucie's (City) Request for Proposal (RFP) for Design & Permitting services for the Hegener Dr. Extension Phase III project. This letter provides responses to the City provided shortlist questions.

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

*The Southern Grove area of Port St. Lucie, including the Hegener Dr. Phase 3 area, is known to have soil conditions that can present challenges for construction if it is not handled properly. Underscoring the importance of having local experience in the area, not only by the design and construction engineers but also the geotechnical consultant and contractor. Quality control of construction is critical to successfully constructing this roadway. Contractor should be aware of all soil test reports and design specifications to properly bid and anticipate the effort required to prepare the site properly.*

*Therefore, GEP has put together a team that has an abundance of local experience within Southern Grove and more specifically has experience with the previous phases of Hegener Dr. Specifically, Andersen Andre Consulting Engineers (AACE) has been the geotechnical consultant on the previous two phases of Hegener Dr. In addition, Project Manager Colt Schwerdt previously worked for the City of Port St. Lucie Public Works Department, and was the project manager for the successful Hegener Dr. Phase 1 project and prepared the scope for Phase 2, as well as the City's internal civil engineer that worked on the City's Southern Grove Master Plan. Bowman Consulting's Steve Brickley is also experienced in doing a number of plats within the City including in Southern Grove,*

*This local experience, and GEP's responsiveness and coordination with the project team will provide for a smooth and successful project that we feel is second to none.*

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

*As described above this area is known to have soil conditions that can present challenges for construction, and it is important to have a geotechnical consultant and contractor that have*

*experience in the area and working with these soils. Therefore, it is important to highlight that we have teamed up with AACE for geotechnical consultation who was integral to the previous two phases of Hegener Dr. This experience will be utilized to determine the optimal pavement design section for these soils.*

*An additional item to highlight is the importance of ensuring drainage conveyance for the adjacent properties is maintained both during and after construction. As this project area proposes two roadway crossings of an existing canal that provides the temporary drainage discharge for two subdivisions upstream of Hegener Dr. Phase 3 project. Therefore, GEP will coordinate with the City to ensure this design accounts for this additional temporary drainage for both the conveyance pipes and outfall control structure. Where GEP is envisioning a control structure that can be easily modified in the future when this additional temporary drainage conveyance is no longer need.*

**3. If the city has concerns, are you able to answer any questions or concerns in a timely manner?**

*Yes, GEP is able to answer questions or concerns in a timely manner, and takes pride in being a very responsive consultant. As GEP is located in nearby Stuart, FL and Project Manager Colt Schwerdt is a Treasure Coast resident, aiding in quick responses and being able to go to the project site on short notice to quickly resolve any concerns or questions. The city gets the benefit of dealing with the actual decision makers at GEP. This provides us with the most flexibility to adapt to changing needs of the project or city requested material design changes. We focus on servicing the City instead of satisfying internal corporate demands.*

**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?**

*The GEP team and subconsultants have a great working relationship, have experienced success on previous projects; and are well aware the approval and permitting process required for a successful project. Constant communication and project updates are key to a successful project. In addition to good communication, the GEP team lead by Project Manager Colt Schwerdt is uniquely experienced in project approvals and permitting through the City of Port St. Lucie; as Mr. Schwerdt was the previous Deputy Public Works Director responsible for review and approvals for all land development for the Public Works Department, and preparing the City's first engineering standards that will govern the design for this project. Our team has delivered numerous successful complex projects for many municipalities. This is what we do and we like each other.*

**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?**

*From past experience of working in the Southern Grove area, issues that have provided the greatest challenge came from when a consultant or contractor is not familiar with the soils in this area, and/or they are not familiar with the approval and permitting process for the City of Port St. Lucie and the Southern Grove Community Development District. Once again, this is all about quality control of construction. Contractors are as busy as ever and don't always thoroughly absorb the specifications during the bidding process. A recommended pre-bid meeting would be beneficial to reinforce the major areas of concern for successful delivery of construction.*

**6. How did you overcome those issues?**

*To overcome the challenges described above, we would work with the consultant or contractor that was not experienced in this area to educate them on the specific soils for this area and the permitting and approval process for the City and community development district. As well as provide them with examples of previous resolutions used for similar challenges. Most problems encountered on any project have been solved before on other projects. We have extensive experience in working through challenging soil and/or water table conditions. Our greatest concern is quality of construction that lasts decades without comments from the residents. Documentation with reliable communication and support help minimize the issues before they are problems.*

**7. How would you avoid or minimize those issues on this project?**

*To avoid and minimize these challenges we have put together a team with vast local experience of working within the City of Port St. Lucie and specifically within the Southern Grove area of the City. Also, and in coordination with the geotechnical consultant we would look to add additional soils information to the Construction Plans, to ensure the selected Contractor is well aware of the soils in this area. Additionally, the GEP team will coordinate the bid documents with City Staff to ensure the selected Contractor provides a responsive bid that demonstrates their knowledge of working in this area and with similar soils. Documentation with reliable communication and support help minimize the issues before they are problems. We enjoy the construction process. A great design plan isn't great without proper contract support. Roads are expensive and the City should get what they pay for.*

Thank you for this opportunity and we look forward to the opportunity to continue working with the City of Port St. Lucie. Should you have any questions, please contact either Leo Giangrande or Colt Schwerdt at (772) 888-9076 or by email at [leo@gep-llc.com](mailto:leo@gep-llc.com) or [colt@gep-llc.com](mailto:colt@gep-llc.com).

Best regards,



Leo D. Giangrande, P.E.  
Principal Engineer  
[leo@gep-llc.com](mailto:leo@gep-llc.com)

## The Project Approach

The GEP project delivery process provides a number of documents that provide a project roadmap related to project goals, tasks, costs and schedule. Constant communication and a proactive approach to design are critical to the delivery of a successful project. **We understand each project is unique and the importance of Hegener Dr to the City of Port St. Lucie can't be understated. This project aligns with Goal 4 & 5 of the City's Strategic Plan. As this project will help provide employment opportunities by creating further access the City's Jobs Corridor, continues the implementation of the Southern Grove Master Plan and provides high quality infrastructure.** Below is a summary of the project approach and management plan, that will be refined with the project manager during the kick-off meeting.

### **1. The Design and Development Process:**

#### Design Development (40% Design)

##### Information Gathering:

GEP has already began, and will continue to research and acquire information related to the Hegener Dr site and project scope, design requirements, and permitting requirements. **Such as our first-hand knowledge of the existing Hegener Dr conceptual design, existing permits, Tradition Commerce Park Loop Rd project, Hegener Dr Ph 1 design, City of Port St. Lucie Engineering Standards and Southern Grove Standards.** Additional items such as aerials, surveys, permits, and test data, will be collected and reviewed.

Due to this early research, first-hand knowledge of previous phases and the existing conceptual design; GEP would recommend going straight to a 40% design, rather than the tradition 30, 40, 90 and 100% design approach. Design from 40% to 100% will be performed under separate contract. This delivery system provides direction through project completion

##### Kick-off Meeting:

Every design project needs to start off with a "kick-off" meeting between the stakeholders and the design team. It is critical to develop a schedule that is all inclusive of the tasks and commitments required of the project, from planning to construction acceptance. **GEP likes to include a site visit during the kick-off meeting to ensure all parties**

**have a clear and consistent understanding of the project goals from the start. However, due to the current pandemic we fully understand if the City would prefer a virtual kick-off meeting.** Some of the topics will include introductions, scope, project schedule, lines of communication, identification of project roles, community involvement, construction budget, permitting and utility coordination. With the goal that all design elements will be decided on for implementation in the detailed design.

##### Detailed Design:

Utilizing the conceptual design and kick-off meeting direction, GEP will establish the final design details throughout the project. **Of significant importance to a successful Hegener Dr. project, is adhering to the existing ACOE permit that expires in April 2022. Therefore, GEP recommends providing two sets of Construction Drawings.** One for the roadway improvements and one for the wetland impacts. This will allow the City the choice of constructing the wetland impacts separately or concurrently with the roadway, to ensure compliance with the ACOE permit. Two 40% level set of Construction Drawings will be completed and provided to the City for review, and an additional meeting between the City and project team will be conducted to review these drawings and ideas.



##### Communication

Communication is key. **In our experience, the most successful projects are those in which there is truly a collaboration between the project team, client and stakeholders.** There will be meetings to discuss and agree on various design elements and to discuss specific topics with the appropriate stakeholders. The frequency of meetings can play a key role for a successful project, and will be determined with the project manager considering the project schedule and goals.

Project Design:

This will include the design plans, profiles, typical sections, cross sections, details, along with SWPPP, specifications, notes and general sheets. Permit level plans will be provided to begin discussion with the required permit agencies.

Permit Review:

Our team will be reviewing all of the City, Environmental, South Florida Water Management District and Southern Grove Community Development District permitting requirements to provide a fee and schedule. **A full outline of all the permit requirements will be presented to the City as well as an anticipated schedule for permitting.**

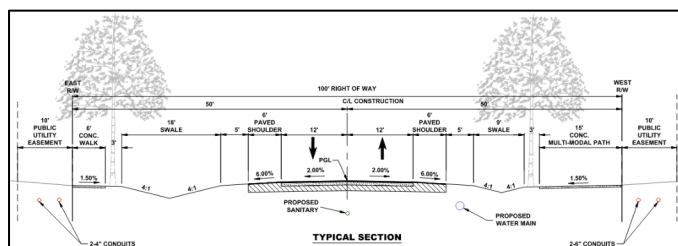
Project Schedule and Costs:

GEP will maintain updated schedules and revised cost estimates upon completion of this phase.

Construction Documentation (Final Design)

Construction Documents:

These are the actual plans and specifications to be used to bid, permit, and construct the project. Our team will prepare 90% and Final documents during this phase. These submittals will be used for both the City to review and the team to coordinate throughout. Each submittal will include drawings, specifications, schedule and cost estimates.



Quality Assurance:

For every design submittal, we use a checklist developed from the industries' best practices, FDOT standards, City of Port St. Lucie Engineering Standards and State standards, supplemented by engineering technical comments that we have received from past experience with the permitting agencies. Adherence to industry standards and applicable regulations is very important to the team and is a priority during every step of the design process. We consider the following issues (at a minimum) in our reviews:

- Compliance with project goals and criteria
- Agreement between project drawing and specifications
- Compliance with applicable codes/standards
- Agreement with calculations
- Adequacy of specified materials
- Orientation and scale of plans
- Accuracy of dimensions
- Utility conflicts
- Adequacy of operations, maintenance, and usability of the project
- Existing site conditions and constructability

**2. Permitting and Bidding**

Permitting:

The permitting of the Hegener Dr. project will be fully handled by GEP. **Many permitting items will start during the construction documentation phase including environmental, engineering, and utilities. And it is important to remember this project will need a Southern Grove Community Development District work authorization.** Our project team has successfully permitted many projects through the City and agencies such as FDEP and SFWMD and has developed solid working relationships to help obtain these permits in an efficient manner.

Bidding:

Our team will assist the City in selecting contractors that are "Qualified" for this type of project. GEP recommends a "mandatory" pre-bid meeting and will attend to respond to any questions. An addendum will be issued after the meeting to reflect all items discussed. We will also respond to any questions during the bid process to clarify any items raised by the bidders. Should the City desire assistance in reviewing the bids we would be happy to help.

## Deliverables

### Design Development

- Meeting minutes and sign-in sheets from all meetings including kick-off, staff, and if applicable public meetings required for the project
- Summary of information gathering phase
- Additional information including:
  - Surveys
  - Environmental (if applicable)
  - Geotechnical reports
- Design elements report showing products to be used on the project
- Site design drawings and calculations including civil, utility, and landscaping
- Schedule
- Opinion of cost
- Permitting report

### Construction Documentation

- Complete project documentation
  - Drawings
  - Specifications
- Updated schedule
- Updated opinion of cost

### Bidding and Permitting

- Signed and sealed drawings for permitting and construction
- Permit process and applications
- Responses to all permit comments
- Pre-bid meeting minutes
- Bidding addendums
- Bid summary review report (if applicable)



## Strategies for added Value

It can't be stated enough, clear, consistent communication among the project team and with stakeholders is key to the success of a project. Which is why GEP has selected sub-consultants that we have a deep history and frequent line of communication with. ***Additionally, this team has first-hand experience with previous phases and other projects in this area. This team chemistry and personal history with the project area will provide the foundation for a successful Hegener Dr. Extension Ph II project second to none.*** Colt Schwerdt, P.E. will be the project manager which is of importance due to his past history of being the previous Public Work Deputy Director responsible for overseeing Land Development review and permitting, project manager for the previous phases of the Hegener Dr projects and responsible for adopting the City's first Engineering Standards for Land Development. This history is essential to a successful project and handling the soils in the Southern Grove area that is known industry wide, to require specialized experience.

Constructability reviews (and value engineering where appropriate, depending on the project needs and complexity) will be conducted at each design phase to ensure the City goals and objectives are met without excessive spending of tax payer funds. This helps avoid conflicts, delays, or contract change orders due to constructability issues. These reviews will help to ensure that all reports, documents, plans, and other related items are being prepared efficiently and in accordance with County guidelines. Prior to submittal of documents to the County, a peer QA/QC review is performed.



## Proposed Project Schedule

While the final project schedule will be determined during the negotiation phase of the RFP, and later revised during the project kick-off meeting to ensure the goals of the City are met. GEP wanted to take the opportunity to provide a proposed schedule for the City's consideration and to facilitate a starting point for final project schedule determination. Below please find the recommend schedule, and please note the number of days listed are days pasted after the issuance of the project notice to proceed (NTP):

<b>Hegener Dr. Ph III – Project Schedule</b>	
<b><i>Task</i></b>	<b><i>Days from NTP</i></b>
Survey & Geotech Report	30
40% Plan Submittal	80
Finalize 40% plans and Plat	110

## Mandatory Questions

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	Upload Attachments ?	Attachment Name
<b>Proposal Factors</b>				
1	List any criminal violations and/or convictions of the Proposer and/or any of its principals: (N/A is not an acceptable answer).	No	IF YES	
2	Complete and upload PSL Location Form	YES	Y	File #4
3	Is firm a minority business?	No (SBE)	IF YES	
4	Is the firm incorporated? Yes--No If yes, in what state?	No	N	
5	List any judgements from lawsuits in the last five (5) years: (N/A is not an acceptable answer).	None	IF YES	
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).	None	IF YES	
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	Proposers are required to submit all licenses and certifications required to perform this project.	YES	Y	File #4
9	Proposers are required, to submit a copy of their Insurance Certificate for the type and dollar amount of insurance they currently maintain.	YES	Y	File #4
10	Complete and upload E-Verify Form	YES	Y	File #4
11	Complete and upload Drug Free Workplace Form	YES	Y	File #4
12	Complete and upload Consultant Code of Ethics	YES	Y	File #4
13	Complete and upload Non-Collusion Affidavit	YES	Y	File #4
14	Complete and upload Cone of Silence Form	YES	Y	File #4
15	Complete and upload Truth-In Negotiation Form	YES	Y	File #4
16	Submit W-9	YES	Y	File #4
17	Upload and submit three (3) projects similar in size and scope to this Bid completed by your firm within the past five (5) years along with a brief description of the project, location of project, client name, client phone number, email, and value of contract.	YES	Y	File #3
18	Complete and upload Mandatory Scored Questions Form in EXCEL FORMAT ONLY. Upload applicable attachments.	YES	Y	File #2



**Attachment B - Mandatory Scored Questions**

**Mandatory Scored Questions**

**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	<p><u>Please provide all documentation needed for Location.</u>  <u>Proposer's Location</u> - 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                      140+ Miles</p>	11 Miles	Yes	File #4. Letter of Interest and Questionnaire Responses
2	<p><u>Woman/Veteran/Minority Owned Business.</u> 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.</p>	No	No	
3	<p><u>Proposer's Work Plans.</u> This section should include, but is not limited to, special concerns or accommodations needed for a successful project.</p>	See Attached	Yes	File #4. Letter of Interest and Questionnaire Responses
4	<p><u>Project plan.</u> 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.</p>	See Attached	Yes	File #4. Letter of Interest and Questionnaire Responses
5	<p><u>What is your proposed Management Plan for this project?</u>  <u>Management Plan.</u> 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.</p>	See Attached	Yes	File #4. Letter of Interest and Questionnaire Responses
6	<p>Provide a listing of firm's current contracts.</p>	See Attached	Yes	Letter of Interest and Questionnaire Responses

**Attachment B - Mandatory Scored Questions**

7	Please complete and attach Form 330 part I and II for evaluation of qualifications & staff/personnel.	See Attached	Yes	Letter of Interest and Questionnaire Responses
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 Attached	Yes	Letter of Interest and Questionnaire Responses
9	<u>Value-added 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 Attached	Yes	Letter of Interest and Questionnaire Responses
10	<u>Proposed Schedule.</u> 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 Attached	Yes	File #4. Letter of Interest and Questionnaire Responses
11	<u>Other Material.</u> 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.	See Attached	Yes	File #4. Letter of Interest and Questionnaire Responses
12	<u>Innovation.</u> 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 Attached	Yes	File #4. Letter of Interest and Questionnaire Responses
13	<u>Wetland Impacts.</u> A portion of this project is the design of the required wetland impacts as required per the Army Corps of Engineers permit (SAJ-2006-2046). Please describe your firms experience with designing wetland impacts and provide examples.	See Attached	Yes	File #4. Letter of Interest and Questionnaire Responses
14	<u>Roadway Design and Soil Conditions.</u> The Hegener Dr Phase 2 Extension is located in the Southern Grove area of the City that is known have soils that contain organics and can present challenges during construction. What design considerations could be considered to aid in the construction of this roadway extension.	See Attached	Yes	File #4. Letter of Interest and Questionnaire Responses

**Attachment B - Mandatory Scored Questions**

15	<u>FPL Coordination and Conduit Design.</u> Coordination with FPL and design of the FPL conduits adjacent to the roadway ROW is also required with this proejct scope. What experience does your firm have with coordination and design of FPL conduit?	See Attached	Yes	File #4. Letter of Intrest and Questionaire Responses
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# ARCHITECT - ENGINEER QUALIFICATIONS

## PART I - CONTRACT-SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

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

**Design & Permitting – Hegener Drive Extension Phase II**

2. PUBLIC NOTICE DATE

**9/14/2021**

3. SOLICITATION OR PROJECT NUMBER

**RFQ Project # 20210103**

### B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

**LEO D. GIANGRANDE, PE - PRINCIPAL**

5. NAME OF FIRM

**GIANGRANDE ENGINEERING AND PLANNING, LLC**

6. TELEPHONE NUMBER

**(772)888-9076**

7. FAX NUMBER

**(772)287-8992**

8. E-MAIL ADDRESS

**LEO@GEP-LLC.COM**

### C. PROPOSED TEAM

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

<i>(Check)</i>				9. FIRM NAME  <input type="checkbox"/> CHECK IF BRANCH OFFICE	10. ADDRESS	11. ROLE IN THIS CONTRACT
PRIME	J-V PARTNER	SUBCONTRACTOR				
a	X			<b>GIANGRANDE ENGINEERING AND PLANNING, LLC</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	<b>2081 SE OCEAN BLVD SUITE 1A STUART, FL 34996</b>	<b>CIVIL ENGINEERING DESIGN</b>
b			X	<b>Anderson Andre Consulting Engineering</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	<b>834 SW Swan Ave, Port St. Lucie, FL 34983</b>	<b>Geotechnical services</b>
c			X	<b>Bowman Consulting Engineers</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	<b>10815 Tradition Pkwy, Port St. Lucie, FL 34987</b>	<b>Surveying Services</b>
d			X	<b>EW Consultants</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	<b>1000 SE Monterey Commons Blvd #208, Stuart, FL 34996</b>	<b>Environmental Services</b>
e			X	<b>SM&amp;E, Inc</b> <input type="checkbox"/> CHECK IF BRANCH OFFICE	<b>1615 Edgewater Drive, Suite 200 Orlando, FL 32804</b>	<b>Landscape Architect</b>
f				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

**X** *(Attached)*

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

12. NAME <b>Leo Giangrande, P.E.</b>	13. ROLE IN THIS CONTRACT <b>Principal Engineer</b>	14. YEARS EXPERIENCE	
		A. TOTAL 25	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) Giangrande Engineering & Planning (Stuart, FL)			
16. EDUCATION (DEGREE AND SPECIALIZATION) BS, Civil Engineering, George Mason University, 1995		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida Professional Engineer #66387	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards) FDOT Advanced Maintenance of Traffic (MOT) certification, American Society of Civil Engineers, Institute of Transportation Engineers (ITE), Toastmasters International, Florida Engineering Society (FES)			

**19. RELEVANT PROJECTS**

<b>a.</b> (1) TITLE AND LOCATION (City and State) <b>Doral Glades Park (FKA Doral North Park), City of Doral, Florida</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2018
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Principal in Charge/EOR</b> responsible for site civil engineering design and permitting of a \$10M, 20 acre park that includes multipurpose fields, tennis courts, basketball courts, playgrounds, boardwalks, fishing piers and nature center. Some of the unique design challenges included site access and security, implementing green initiatives, an educational influence, and environmental concerns for wetlands and water quality. Civil design components include all site grading, lift station design, roadway and parking lot design, water and sewer utilities and signage and striping for options on managing site access.		<input checked="" type="checkbox"/> Check if project performed with current firm

<b>b.</b> (1) TITLE AND LOCATION (City and State) <b>Cashmere Roadway Improvements, City of Port St Lucie</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2021
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project manager and Engineer of Record</b> for the expansion of the southbound turn lane on SW Cashmere Boulevard for increased capacity and level of service as well as the addition of a northbound lane to eliminate an existing pinch point north of the intersection with Crosstown Parkway. Responsibilities include coordination between staff and City personnel as well as ensuring that the design adequately meets the expectations of the City. The project is designed in accordance with City of Port St. Lucie Engineering Standards, and local, state, and national regulatory requirements. Also provided design including an engineer's opinion of probable cost for budgeting purposes for the City.		<input checked="" type="checkbox"/> Check if project performed with current firm

<b>c.</b> (1) TITLE AND LOCATION (City and State) <b>Flamingo Drive Assessable Paving, Martin County, FL</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) 2019
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Engineer of Record</b> for the paving and realignment of approximately 600 feet of SE Flamingo Drive as well as an approximate 220 feet extension of SE Karin Street to connect to SE Flamingo Drive. Responsibilities included design elements to increase the level of service within the existing neighborhood to ensure County services can properly access the homes within the area. Design also included design and installation of a stormwater management system that did not exist in the existing conditions in order to provide water quality treatment and proper conveyance.		<input checked="" type="checkbox"/> Check if project performed with current firm

<b>d.</b> (1) TITLE AND LOCATION (City and State) <b>Spanish Lakes Golf Village Turn Lane, City of Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2018
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Engineer of record for a new left turn lane on Village Green Drive to serve the Spanish Lakes Golf Village. The design included the removal of an existing median, installation of a new turn lane, new pavement, resurfacing, and striping improvements to incorporate the proposed turn lane into the existing right-of-way. Also provided design including an engineer's opinion of probable cost and exhibits for a public meeting.		<input type="checkbox"/> Check if project performed with current firm

<b>e.</b> (1) TITLE AND LOCATION (City and State) <b>St Lucie County Fairgrounds FP&amp;L Improvements, St Lucie County, FL</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) 2020
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Engineer of Record.</b> Responsibilities for the development of an asphalt parking lot for emergency services staging and to hold events for the County. The 201 acre project included site planning, park design coordination, civil design, landscaping, stormwater design, stormwater and site permitting, bidding and construction services. Project challenges included developing the site in a way that is useful for emergency staging while complying with Land Development Regulations for site lighting, landscaping and stormwater design. Project required site plan approval, building department permits, county stormwater license, SFWMD ERP and North St Lucie River Water Control District permits. There are future accommodations made to use the site as an electrical substation.		<input checked="" type="checkbox"/> Check if project performed with current firm



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

12. NAME <b>Colt Schwerdt, P.E.</b>		13. ROLE IN THIS CONTRACT <b>Project Manager/ Senior Engineer</b>		14. YEARS EXPERIENCE	
		A. TOTAL 13	b. WITH CURRENT FIRM 0		
15. FIRM NAME AND LOCATION (City and State) Giangrande Engineering and Planning (Stuart, FL)					
16. EDUCATION (DEGREE AND SPECIALIZATION) BS, Civil Engineering, MO Univ. of Science & Tech., 2006 BS, Architectural Engineering, MO Univ. of Science & Tech., 2006		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida Professional Engineer #76887			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards) Florida Engineering Society (FES), American Society of Civil Engineers (ASCE), FDOT Advanced Temporary Traffic Control, FDEP NPDES Qualified Stormwater Management Inspector, FDOT Local Agency Program & FHWA Certification,					

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>Hegener Dr. Extension Phase I, City of Port St. Lucie, FL</b>	2020	Anticipated 2021
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Manager</b> for the design of the first phase of the Hegener Dr. extension project. Over saw the management of the project, City Staff and Design Consultants responsible for the design of the first 850 ft Phase I extension. The Hegener Dr. roadway is located within the Southern Grove development, specifically within the area designed as the Jobs Corridor for the City of Port St. Lucie. Design and eventual construction of this new roadway is tied to an economic development project and therefore, an additional level of coordination was required to ensure both the roadway project and the economic development project schedules were in sync. The existing project area is located in a former citrus grove, and within an area of soils known to be challenging, requiring a consultant with experience and knowledge of the existing site constraints and schedule. Permitting was required through South Florida Water Management District (SFWMD), City of Port St. Lucie and the Southern Grove Community Development District.		
<input type="checkbox"/> Check if project performed with current firm		
<b>Tradition Commerce Park Loop Rd (Hegener Dr.), City of Port St. Lucie, FL</b>	2018	2019
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Manager</b> for the design and construction of 2,830 feet of new roadway. Over saw the management of the project, City Staff, Design Consultant, Construction Engineering Inspection Consultant and Contractor responsible for the design and construction of this new roadway. This project provided access to 100 acres of undeveloped land within an area of the Southern Grove development designated as the City of Port St. Lucie's Jobs Corridor, and Construction was partially funded through a Department of Economic Opportunity – Florida Job Growth Grant. Design and construction of this roadway was tied to an economic development project and therefore, and additional level of coordination was required to ensure both the roadway project and the economic development project schedules were in sync. The existing project area was located in a former citrus grove, and within an area of soils known to be challenging. To coordinate with multiple design and construction teams, bi-weekly meetings were held to ensure both projects stayed on schedule and to coordinate construction and handling of the challenging soils. Permitting was required through SFWMD, City of Port St. Lucie and the Southern Grove Development District.		
<input type="checkbox"/> Check if project performed with current firm		
<b>Engineering Standards for Land Development, City of Port St. Lucie, FL</b>	2020	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Public Works Deputy Director</b> responsible for managing the Public Works Department's Regulatory Division, responsible for review and permitting of all land development within the City. In which it was observed that the land development standards were not codified and the existing City code of ordinances were not consistent with the land development standards. Therefore, the City's <b>first</b> Engineering Standards for Land Development, and the many associated code revisions were prepared and formally adopted by City Council in 2020.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>Cashmere Blvd &amp; Crosstown Pkwy Intersection Imp., City of Port St. Lucie, FL</b>	2020	Anticipated 2021
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Engineer.</b> Responsibilities included quality control and ensuring the project is designed in accordance with City of Port St. Lucie Engineering Standards, and local, state and national regulatory requirements. This project entailed roadway design improvements to extend left turn-lanes and creation of a drop lane to increase the level of service for this intersection.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>Hobe Hills Neighborhood Restoration, Hobe Sound, FL</b>	2021	Anticipated 2021
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Manager</b> responsible for finalizing construction plans started by Martin County for a neighborhood restoration project. The restoration project consists of designing drainage and roadway improvements for an older neighborhood with existing dirt roads and experiencing issues with drainage recovery. Martin County and residents of the neighborhood have identified areas of the neighborhood that either do not have positive drainage or the system does not recover in a timely manner. It's anticipated that this project will pave existing dirt roads, provide additional stormwater storage and treatment via both above ground and underground storage.		
<input checked="" type="checkbox"/> Check if project performed with current firm		



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>David P. Andre, P.E.</b>		13. ROLE IN THIS CONTRACT Project/Contract Manager		14. YEARS EXPERIENCE	
		a. TOTAL		b. WITH CURRENT FIRM	
		27		15	
15. FIRM NAME AND LOCATION (City and State) Andersen Andre Consulting Engineers, Inc. (Port St. Lucie, Florida)					
16. EDUCATION (Degree and Specialization) Bachelor of Science in Environmental Engineering, University of Florida (1993); Post Graduate Coursework in Geotechnical Engineering, University of Central Florida (1997-1998);			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer (Discipline of Civil Engineering) in the State of Florida (No. 53969)		

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

David is experienced providing geotechnical engineering and materials testing services for roadway and utility construction, infrastructure improvements, and site preparation as well as general environmental consulting relative to subsurface contamination.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
A.	<b>Continuing Service Contract, City of Port St. Lucie, (Port St. Lucie, FL)</b>	2007-2011 2016-Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE David was the <u>Contract Manager</u> when AACE maintained a continuing service contract with the City of Port St. Lucie for geotechnical engineering and construction materials testing until 2011 (when the City discontinued all professional service contracts), and then again when the service contracts were reinstated in 2016. Services that AACE routinely provides for the CPSL include the performance of soil borings (SPT and auger borings), test pits, groundwater studies, roadway coring, embankment suitability studies, and all manner of materials, testing during construction (density & concrete testing). Projects have included City-wide culvert and headwall replacements, roadway explorations and testing, utility installations (including more than 50 miles of water main), STA construction, municipal building construction, etc. Project budgets have ranged from \$500 to \$500,000.		
B.	<b>PSLUSD City-Wide Water Main Replacement (Port St. Lucie, FL)</b>	2011	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE David was AACE's Project manager when AACE was requested to provide Geotechnical Consulting and Construction Materials Testing services relative to the expedited replacement of more than 50 miles of water main (ranging from 4-inch diameter to 12-inch diameter mains) throughout the central and eastern portions of Port St. Lucie. Thousands of density tests were conducted on pipe trench backfill. Due to potential impacts to residents and businesses, numerous operations were performed between the hours of 10pm and 6am, requiring a full-time presence by an AACE Senior Field Technician. AACE's budget was approximately \$185,000.		
C.	<b>McCarty Ranch Water Quality Restoration Project - Areas 1, 2 &amp; 3 (Port St. Lucie, FL)</b>	2018	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE David served as <u>Project Manager</u> for construction materials testing during construction of Areas 1 & 2 of the McCarty Ranch water impoundment project, and is currently serving in the same role during construction of Area 3. Services which AACE performs include density testing of compacted earthen berms, ditch/canal demucking observations and backfill testing, laboratory gradation testing of sand diaphragm materials, and compressive strength of concrete testing. AACE's budget is approximately \$55,000 for each area (for a total budget of approximately \$110,000).		
D.	<b>Floresta Drive – Phase I (Port St. Lucie, FL)</b>	2020	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE David is currently serving as <u>Project Manager</u> for construction materials testing services during the improvements to Phase I of Floresta Drive, from Southbend Blvd. to the Elckam Canal. Services that David coordinates include density testing for drainage and utility improvements, as well as field and laboratory testing of roadway embankment, stabilized subgrade and base rock. AACE's budget is approximately \$100,000.		
E.	<b>Village Parkway, Phases I &amp; II (Port St. Lucie, FL)</b>	2007	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE David served as <u>Project Manager</u> for this roadway soil survey consisting of more than 200 soil borings, recommendations relative to roadway construction through 2,000 l.f. of water-filled reservoir, mast-arm signal pole recommendations, surcharging compressible clays, lake explorations relative to soil suitability. Construction materials testing consisting of over 5,000 density tests, 200+ sets of concrete cylinders for compressive strength, 75+ LBRs and as many as four (4) field technicians providing Quality Control service. AACE's budget was approximately \$400,000.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Peter G. Andersen, P.E.</b>	13. ROLE IN THIS CONTRACT Senior Geotechnical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 23	b. WITH CURRENT FIRM 15

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

16. EDUCATION (Degree and Specialization)  
Masters of Science in Geotechnical Engineering, University of Florida (1997); Bachelor of Science in Civil/Structural Engineering, Technical University of Denmark (1995)

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)  
Professional Engineer (Discipline of Civil Engineering) in the State of Florida (No. 57956)

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

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State) <b>Crosstown Parkway, from Manth to Floresta (Port St. Lucie, FL)</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable) Ongoing

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm  
A. Peter served as Project Manager and Senior Geotechnical Engineer for this roadway soil survey consisting of more than 100 soil borings (auger and SPT borings), pavement coring, field exfiltration testing and drilled shaft analyses. Peter provided recommendations relative to roadway construction and mast-arm signal pole recommendations. AACE also performed Level 2 Contamination Screening at several locations along the proposed alternative (Alternative 1C). AACE's budget was approximately \$90,000.

(1) TITLE AND LOCATION (City and State) <b>Community Boulevard (Port St. Lucie, FL)</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION (if applicable) 2010

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm  
B. Peter served as Senior Geotechnical Engineer for this roadway soil survey consisting of more than 50 soil borings, mast-arm signal pole recommendations, lake explorations relative to soil suitability. Construction materials testing consisting of over 2,000 density tests, 50+ LBRs, paving and subgrade inspections and demucking observations. AACE's budget was approximately \$150,000.

(1) TITLE AND LOCATION (City and State) <b>Village Parkway, Phases I &amp; II (Port St. Lucie, FL)</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2007	CONSTRUCTION (if applicable) 2011

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm  
C. Peter served as Senior Geotechnical Engineer for this roadway soil survey consisting of more than 200 soil borings, recommendations relative to roadway construction through 2,000 l.f. of water-filled reservoir, mast-arm signal pole recommendations, surcharging compressible clays, lake explorations relative to soil suitability. Construction materials testing consisting of over 5,000 density tests, 200+ sets of concrete cylinders for compressive strength, 75+ LBRs and as many as four (4) field technicians providing Quality Control services. AACE's budget was approximately \$400,000.

(1) TITLE AND LOCATION (City and State) <b>Rosser Boulevard (Port St. Lucie, FL)</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2007	CONSTRUCTION (if applicable) 2008

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm  
D. Peter served as Senior Geotechnical Engineer for this roadway soil survey consisting of soil borings and roadway cores, mast-arm signal pole recommendations, lake explorations relative to soil suitability. Construction materials testing consisting of full-time density testing, LBRs, paving and subgrade inspections and compressive strength of concrete testing. AACE's budget was approximately \$45,000.

(1) TITLE AND LOCATION (City and State) <b>Tradition Medical Center 9-Story Hospital (Tradition, Port St. Lucie, FL)</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION (if applicable) 2016

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm  
E. AACE was retained by Martin Health System to prepare a subsurface soil exploration and Geotechnical Engineering Evaluation of the proposed Tradition Medical Center (TMC) facility in 2011. Peter Andersen, P.E. coordinated the performance of numerous SPT borings to evaluate the suitability of the site's soils to support the then-proposed 9-story hospital structure, 4-story parking garage and numerous ancillary site features. Due to the presence of very loose silty soils and the associated risk of excessive settlements, a recommendation of Vibro Replacement Technique (VRT, or "stone columns") was made. AACE was then selected by the Owner to perform construction materials testing for Phase I of the project, including earthwork observations, density testing, fill placement monitoring, concrete testing, etc. Subsequently, in 2014, AACE was retained by the Owner to provide supplemental Geotechnical Engineering services for Phase II of the project including two wing additions, increased parking and significant utility and drainage improvements. AACE Geotechnical Engineering and Materials Testing budget was approximately \$400,000.



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME  <b>Edward Weinberg</b>	13. ROLE IN THIS CONTRACT  <b>Project Manager</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>30</b>	b. WITH CURRENT FIRM <b>20</b>
15. FIRM NAME AND LOCATION <i>(City and State)</i> <b>EW Consultants, Inc. (West Palm Beach, FL and Stuart, FL)</b>			
16. EDUCATION <i>(Degree and Specialization)</i>  Master of Science in Oceanography Bachelor of Science in Biology <i>cum laude</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>  Professional Wetland Scientist, U.S.	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>  Wetland Rapid Assessment Procedure (WRAP) Training, Certified Wetland Delineator Unified Mitigation Assessment Method Training			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>Tropical Farms W/WWTP Expansion, Unincorporated Martin County, Florida</b> Boyle Engineering - Scott Eckler      phone: 772-286-3883	2011	
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE  Environmental assessment; delineated state & federal wetlands; permitted the expansion at local, state, and federal levels; wetland waiver for wetland buffer impacts; oversaw wetland and upland restoration activities; performed monitoring activities on site Project size: 92 acres      Cost: \$ 160,000.00      Role: Environmental Scientist	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Island Way Roadway, Martin &amp; Palm Beach Counties, Florida</b> Schickedanz Capital Group - Wally Schickedanz      phone: 561-845-8797	2008	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE  USACE wetland delineation; negotiated wetland parameters for wetland and C-18 impacts with the SFWMD and USACE; designed oxbow creation within C-18 and wildlife crossings under Island Way as part of the state and federal wetland mitigation Project size: 1 mile long      Cost: \$ 15,000.00      Role: Environmental	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Golden Gate Blvd. Expansion, Collier County, Florida</b> Gulfshore Engineering Inc. Joss De Lestang      phone: 239-261-2290	2010	
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE  Performed wildlife biomass assessments for wetland and surface water impacts associated with roadway widening; assisted with SFWMD and federal (Corps of Engineers) permitting; developed alternative wetland mitigation plans for state and federal agencies Project size: 5 miles long      Cost: \$ 10,000.00      Role: Project Manager/ Environmental Scientist	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>LTC Ranch, St. Lucie County, Florida</b> Centex Homes - Ken DeLaTorre      phone : 561-707-3410	2009	
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE  SFWMD and USACE wetland delineations; secured SFWMD and USACE permits for entire site which included numerous wetland and surface water impacts due to internal roadways and project development Project size: 2,200 acres      Cost: \$ 180,000.00      Role: Project Manager/Environmental Scientist	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Burt Reynolds Park Expansion, Palm Beach County, Florida</b> Civil Design Inc. - Jeff Trompeter      phone: 561-659-5760	2017	
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE  Conducted environmental assessment; performed submerged resources surveys, successfully permitted the expansion with the FDEP and the Corps of Engineers as part of the application for expansion of the existing park Project size: 3 acres      Cost: \$ 12,500.00      Role: Environmental Scientist	<input checked="" type="checkbox"/> Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME  Arnaud Roux	13. ROLE IN THIS CONTRACT  Environmental Scientist	14. YEARS EXPERIENCE	
		a. TOTAL 13	b. WITH CURRENT FIRM 12

15. FIRM NAME AND LOCATION *(City and State)*  
EW Consultants, Inc. (Stuart, FL and West Palm Beach, FL)

16. EDUCATION <i>(Degree and Specialization)</i>  Master of Science in Environmental Resource Management Bachelor of Science in Environmental Science	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>  Professional Wetland Scientist, FL
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
Wetland Delineation Training (FDEP & USACE), Hydric Soils - University of Florida  
Wetland Hydrology (SFWMD)  
PADI Open Water SCUBA

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>South Martin Regional Utility, Martin County, FL</b> <b>SMRU - Mario Loaiza</b> phone: 772-546-5112	On-Going	
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Assisted SFWMD C.U.P. permitting process; conducted reverse osmosis concentrate discharge sampling/analysis of outfall location; toxicity sampling/analysis and reporting; monitored directional drill activities for water quality monitoring documentation Project size: n/a Cost: \$ 110,000.00 Role: Environmental Scientist	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Shepard Park, City of Stuart, FL</b> City of Stuart - Timothy Voelker phone: 305-442-7000	2017	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Performed an in water benthic resource survey for seagrass and oyster beds; conducted environmental assessment; prepared technical report. Project size: 0.5 acres Cost: \$6,000.00 Role: Environmental Scientist	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Seacoast Utility Authority, Palm Beach Gardens, FL</b> Seacoast Utility - Bruce Gregg phone: 561-627-2900	On-Going	
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Assisted with C.U.P. permitting renewal with SFWMD; conducted wetland analysis of various parcels located within the Utility's "cone of depression" to determine potential past harm and future mitigation needs of the Utility; SFWMD monitoring Project size: n/a Cost: \$ 50,000.00 Role: Environmental Scientist	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Bert Winters Park Improvements, Palm Beach County, FL</b> Schorah & Associates - Fred Roth phone: 561-968-0080	2017	
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Conducted environmental assessment; delineated state (FDEP) and federal (Corps of Engineers) wetlands; delineated submerged resources; planned mitigation; and successfully permitted the improvements and docks at the local, state, and federal levels; Project size: 35 acres Cost: \$ 16,000.00 Role: Environmental Scientist	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Seacoast Utilities ICW Crossing, Palm Beach County, FL</b> Holtz Consulting Engineers phone: 561-575-2005	2016	
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Conducted environmental assessment and submerged resources surveys in support of applications for utilities placement crossing Intracoastal Waterway. Project size: 2 acres Cost: \$ 8,000.00 Role: Environmental Scientist	<input checked="" type="checkbox"/> Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME  Mary Lindgren	13. ROLE IN THIS CONTRACT  Project Manager, Environmental Scientist	14. YEARS EXPERIENCE	
		a. TOTAL 23	b. WITH CURRENT FIRM 8
15. FIRM NAME AND LOCATION <i>(City and State)</i> EW Consultants, Inc. (West Palm Beach, FL)			
16. EDUCATION <i>(Degree and Specialization)</i>  Bachelor of Science in Environmental Studies		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>  Professional Wetland Scientist, U.S.	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>  Certified Wetland Delineator, FDEP and USACE PADI Open Water SCUBA Certified			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>a.</b> <b>Bert Winters Park Improvements, Palm Beach County, FL</b> Schorah & Associates - Fred Roth      phone: 561-968-0080	2017	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float:right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Conducted environmental assessment; delineated state (FDEP) and federal (USACE) wetlands; delineated submerged resources; planned mitigation; and successfully permitted the improvements and docks at the local, state, and federal levels Project Size: 35 acres      Cost: \$ 16,000.00      Role: Project Manager		
<b>b.</b> <b>Roebuck Road Improvements, Palm Beach County, Florida</b> Mock Roos & Associates - Dennis Thomas      phone: 561-683-3113	2017	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float:right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Conducted environmental assessment and wetland delineations within road right-of-way and improvement area; coordinated wetland permitting through SFWMD, FDEP and U.S. Army Corps of Engineers; prepared wetland mitigation plan. Project size: 1.22 miles      Cost: \$ 10,500.00      Role: Project Manager		
<b>c.</b> <b>Burt Reynolds Park Expansion, Palm Beach County, Florida</b> Civil Design Inc, Jeff Trompeter      phone: 561-659-5760	2017	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float:right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Conducted environmental assessment; performed submerged resources surveys, successfully permitted the expansion with the FDEP and the Corps of Engineers as part of the application for expansion of the existing park Project size: 3 acres      Cost: \$ 12,500.00      Role: Project Manager/Environmental Scientist		
<b>d.</b> <b>FPL Transmission Line, Palm Beach, Hendry &amp; Lee Counties, Florida</b> Florida Power & Light Company - Gregg Hall      phone: 561-694-3284	2014	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float:right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Environmental assessments were concentrated on determining locations & boundaries of significant environmental resources, vegetative communities, jurisdictional wetland areas, and occurrence of listed plant or animal species Project size: 37 miles long      Cost: \$ 18,500.00      Role: Project Manager/Environmental Scientist		
<b>e.</b> <b>Scripps Florida/Briger Phase II, Palm Beach County, Florida</b> Palm Beach County - Shannon LaRocque-Baas      phone: 561-335-2428	2018	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float:right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Conducted environmental assessments; performed listed species surveys; and oversight of environmental permitting on the local, state, and federal levels including listed species permitting, wetland impact permitting, and mitigation planning Project size: 600 acres      Cost: \$ 52,500.00      Role: Project Manager/Environmental Scientist		

**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	
<b>Carter H. Gresham, PLA</b>	<b>Landscape Architect</b>	a. TOTAL	b. WITH CURRENT FIRM
		7	2
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
<b>S&amp;ME, Inc.   1615 Edgewater Drive, Suite 200, Orlando, FL 32804</b>			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
Bachelor of Landscape Architecture, Virginia Polytechnic Institute & State University, 2016; International Exchange, University College of Dublin, 2014		Registered Landscape Architect: FL No. LA6667460; VA No. 0406002129	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards)</i>			

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	<b>Reunion Village Gateway Streetscape Kissimmee, Florida</b>	PROFESSIONAL SERVICES 2019 - 2021	CONSTRUCTION
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Landscape Architect for the streets and boulevards for Encore's commercial village of 5 outparcels, an Orlando Health medical campus, and entrance to their new residential community north of the village. The project features two entrances from CR 532 and landscaping in accordance with OUC powerline standards.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	<b>St. Andrews CRA Landscape Design Improvements Panama City, Florida</b>	PROFESSIONAL SERVICES 2020 - 2021	CONSTRUCTION
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Landscape Architect for Landscape Design Improvements for the St. Andrews Community Redevelopment Agency area. S&ME provided plans for Landscape design improvements at key gateways into the area and along main street corridors throughout the CRA area. Plans also identified layout and landscape improvements for City owned parking areas within the CRA area. As part of the planning and design process, S&ME conducted a two-day charrette with City staff and key stakeholders to evaluate site opportunities and constraints and to allow input during the early conceptual design phase.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	<b>King Street Complete Street Master Plan St. Augustine, Florida</b>	PROFESSIONAL SERVICES 2018 - 2019	CONSTRUCTION
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Landscape Architect for the complete street design of King Street in St. Augustine. S&ME has been hired by the City to analyze the existing conditions and develop concepts to build a better east-west connection through King Street to downtown area. During meetings with the city and the workshops, S&ME used 3D model fly-through to show the street conditions and 3D section graphics to show the proposed concepts.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	<b>1st Street Complete Street and Streetscape Design Lake Wales, Florida</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Landscape Architect for the design and public involvement of the City of Lake Wales's 1st Street Streetscape which functions as the main north/south connection from Downtown to the Northwest neighborhood. The Complete Street design features an off-street cycle track bike facility to the south and a multi-use trail to the north which will help improve the bicycle and pedestrian connectivity to and from Downtown. Green infrastructure components of the design include the use of rain gardens and permeable pavers to aid in capturing stormwater and nutrients.		
e.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	<b>Pinellas Park City Center Pinellas Park, Florida</b>	PROFESSIONAL SERVICES 2021 - Ongoing	CONSTRUCTION
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Assistant Project Manager for the City of Pinellas Park CRA's master planning of a new 55-acre city center, renovation of its 29-acre community park and a complete street design for 78th Avenue which links the two projects. The master planning effort is intended to incentivize private sector investment around the area, consolidate facilities, create a walkable community and enhance the community's amenities to its residents. The city center is designed to provide a dense integration of government uses which include a new city hall and fire/police operations center; and residential, retail/restaurant and recreational facilities for the community. The community park also features private sector investment along with a mix of active and passive recreational uses with an expansion of the City's performing arts center.		

**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	
<b>Jon Templin, PLA, LEED AP</b>		<b>Principle Landscape Architect</b>		a. TOTAL 17	b. WITH CURRENT FIRM <1
15. FIRM NAME AND LOCATION <i>(City and State)</i>					
<b>S&amp;ME, Inc.   1615 Edgewater Drive, Suite 200, Orlando, FL 32804</b>					
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>			17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>		
BLA Landscape Architecture, Polytechnic Institute & State University, Virginia, 2016			Registered Landscape Architect: FL No. LA6667227		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards)</i>					

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	<b>1st Street Complete Street and Streetscape Design Lake Wales, Florida</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Principal Landscape Architect for the design and public involvement of the City of Lake Wales's 1st Street Streetscape which functions as the main north/south connection from Downtown to the Northwest neighborhood. The Complete Street design features an off-street cycle track bike facility to the south and a multi-use trail to the north which will help improve the bicycle and pedestrian connectivity to and from Downtown.			
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	<b>NW Neighborhood Pedestrian Implementation Plan Lake Wales, Florida</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Senior Landscape Architect for the creation of a master plan and design standards document addressing sidewalk and street tree enhancement of the City's Northwest Neighborhood. Based upon Lake Wales Connected plan for the NW Neighborhood by Dover Kohl, the master plan completes gaps in the existing sidewalks network, suggest where sidewalks should be added to existing streets and addresses the planting of canopy and understory trees to improve pedestrian comfort and the character of the street.			
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	<b>Park Avenue Streetscape Lake Wales, Florida</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Principal Landscape Architect for the design of the City of Lake Wales's Park Avenue Streetscape which functions as the heart of the downtown shopping district. The streetscape is a building face to building face project which balances the auto-dominated street by converting the oversized one-way street with angled parking into a 2-way street with parallel parking. Broad sidewalks and planters to accommodate street trees and colorful plantings advance the Olmsted Brothers' vision of a "City within a Garden".			
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	<b>Market Plaza Lake Wales, Florida</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Principal Landscape Architect for the design of the City of Lake Wales's Market Plaza which serves as a pedestrian plaza and event space in the heart of downtown. The space includes a flexible urban plaza with shaded seating areas, bench swing trellises and an event lawn. Ample canopy trees and colorful plantings advance the Olmsted Brothers' vision of a "City within a Garden".			
e.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	<b>Niceville Waterfront Master Plan Niceville, Florida</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Senior Landscape Architect and urban designer for the Niceville Landings waterfront redevelopment project, a five (5+) acre site in the historic waterfront downtown area of the City and the City's Community Redevelopment Area. The final deliverable was a conceptual master plan of the redevelopment site depicting proposed redevelopment and waterfront park. The City of Niceville is utilizing the conceptual master plan and economic impact analysis as supporting documentation for an infrastructure grant application through the Triumph Gulf Coast program.			

**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	
<b>Carrie E. Read, PLA, LEED AP</b>		<b>Sr. Landscape Architect / Project Manager</b>		a. TOTAL 15	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION <i>(City and State)</i>					
<b>S&amp;ME, Inc.   1615 Edgewater Drive, Suite 200, Orlando, FL 32804</b>					
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>			17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>		
MS Landscape Architecture, University of Wisconsin, 2008; BS Landscape Architecture, University of Kentucky, 2004			Registered Landscape Architect: FL No. LA6667316; KY No. 798; OR No. 0965; TN No. 1275; WV No. 411		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards)</i>					
LEED® Accredited Professional; American Society of Landscape Architects (ASLA); American Society of Landscape Architects, Florida Chapter, Program Committee, 2016; ACE Mentor Program, 2016; Florida Recreation & Park Association (FRPA)					
<b>19. RELEVANT PROJECTS</b>					
a.	(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED		
	<b>West Livingston Street Extension Orlando, Florida</b>		PROFESSIONAL SERVICES 2017 - 2018	CONSTRUCTION 2017 - 2018	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
Project Landscape Architect for the roadway and streetscape design for the West Livingston Street extension between New Terry Avenue and Parramore Avenue. Designed as a complete street, the street will include bike lanes, landscape, lighting, parallel parking and pedestrian amenities to create a unique sense of place for the area.					
b.	(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED		
	<b>Pilaklakah (PK) Avenue Streetscape Auburndale, Florida</b>		PROFESSIONAL SERVICES 2017	CONSTRUCTION 2018	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
Landscape Architect for a five-block section of Pilaklakah Avenue in Auburndale, Florida. The streetscape project included a reduction of travel lanes from four lanes to two lanes, which enabled the addition of a linear bioswale/rain garden along the length of the project as well as a multipurpose trail and on-street parking in the commercial area near the City's historic downtown area.					
c.	(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED		
	<b>South Central Park and Streetscape Improvements Winter Haven, Florida</b>		PROFESSIONAL SERVICES 2016 - 2018	CONSTRUCTION 2018	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
Landscape Architect for a multi-purpose civic park and surrounding streetscapes and trails in downtown Winter Haven. The project is comprised of a full city block and includes two flexible plaza areas that could alternately serve as parking during the day and a place for concerts and events during the evening and weekend hours. The project also incorporates a bike trail into the streetscape environment.					
d.	(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED		
	<b>Division Avenue Complete Street Plan Orlando, Florida</b>		PROFESSIONAL SERVICES 2018 - 2019	CONSTRUCTION	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
Senior Landscape Architect for the preparation of a Complete Street Plan for a 1.3-mile segment of Division Avenue within the City of Orlando's Downtown South Neighborhood Improvement District. The purpose of the plan was to help catalyze a transition of many of the industrial and suburban retail properties within the district to urban mixed-use projects. The plan shows recommended horizontal layout of curbs, crosswalks, sidewalks, planting areas, street trees, street furniture, center median landscape planters, lighting, wayfinding, on-street parking, bike/pedway facilities, transit stops and opportunities for public art.					
e.	(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED		
	<b>DSNID Complete Streets Master Plan Orlando, Florida</b>		PROFESSIONAL SERVICES 2018	CONSTRUCTION	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
Assistant Project Manager and Landscape Architect for the development of a complete streets master plan for the Downtown South Neighborhood Improvement District (DSNID). Worked as part of a diverse consulting team to develop conceptual plans for all of the key streets within the District to govern future street sections, streetscape materials standards, multi-modal mobility needs, technological enhancements and the relative position of buildings adjacent to the street. The work included research of comparable complete street corridors in local areas and across the nation to bring those lessons to the District.					

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>1</b>
21. TITLE AND LOCATION <i>(City and State)</i> <b>Spanish Lakes Golf Village Turn Lane City of Port St. Lucie, FL</b>		22. YEAR COMPLETED PROFESSIONAL SERVICES <b>2017</b> CONSTRUCTION <i>(If applicable)</i> <b>2018</b>
<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER <b>City of Port St. Lucie</b>	b. POINT OF CONTACT <b>Frank Knott</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>772.344.4290</b>

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

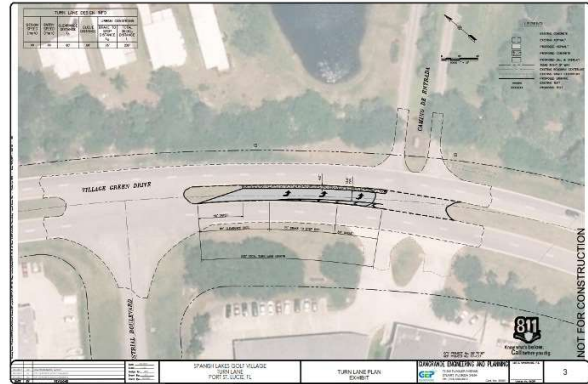
GEP provided design for a new left turn lane on Village Green Drive in the City of Port St. Lucie to serve the Spanish Lakes Golf Village.

The design included the removal of an existing median, installation of a new left turn lane, new pavement, resurfacing, and striping improvements to incorporate the proposed turn lane into the existing right-of-way.

GEP coordinated with the City of Port St. Lucie on the design including an engineer's opinion of probable cost and exhibits for a public meeting.

*The project is relevant to the contract as it relates GEP's ability to provide design services for a transportation project with the City of Port St. Lucie.*

**Design Fee: \$16,500 (GEP Contract)**  
**Project Construction Costs: \$76,000 (est.)**



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>			
a.	(1) FIRM NAME <b>GEP</b>	FIRM LOCATION <i>(City and State)</i> <b>Stuart, FL</b>	(3) ROLE <b>Site Civil Engineering and Permitting</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER  <b>2</b>				
21. TITLE AND LOCATION <i>(City and State)</i> <b>Cashmere Boulevard Turn Lane</b> <b>City of Port St. Lucie, FL</b>		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td align="center"><b>2020</b></td> <td align="center"><b>2021</b></td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	<b>2020</b>	<b>2021</b>
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
<b>2020</b>	<b>2021</b>					
<b>23. PROJECT OWNER'S INFORMATION</b>						
a. PROJECT OWNER <b>City of Port St. Lucie</b>	b. POINT OF CONTACT <b>Thomas Salvador</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>772.871.5187</b>				

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

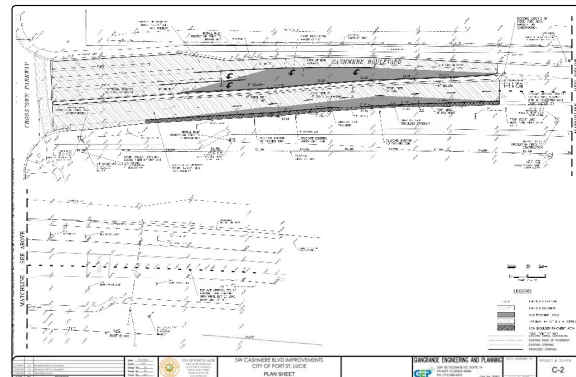
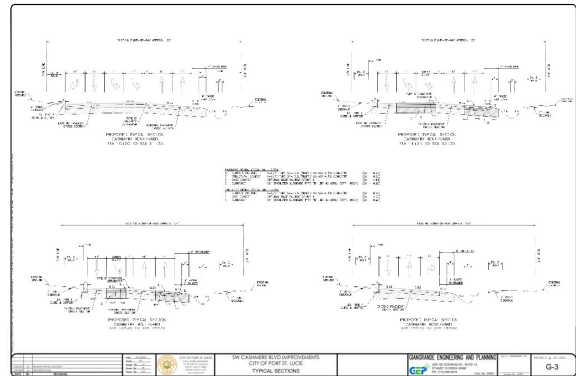
GEP provided design and recommendations for proposed repairs to the north leg of SW Cashmere Blvd. at the intersection of SW Crosstown Parkway. The proposed improvements will include removal of an existing median, expansion of existing turn lanes, and improvements to remove and widen an existing pinch point in the roadway.

The design included the removal of an existing median, installation of extended left turn lanes, new pavement, resurfacing, and striping improvements to incorporate the proposed turn lane extensions into the existing right-of-way.

GEP coordinated with the City of Port St. Lucie on the design including an engineer's opinion of probable cost and exhibits for a public meeting.

*The project is relevant to the contract as it relates GEP's ability to provide design services for a transportation project with the City of Port St. Lucie.*

**Design Fee: \$20,345 (GEP Contract)**  
**Project Construction Costs: \$182,800 (est.)**



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME <b>GEP</b>	FIRM LOCATION <i>(City and State)</i> <b>Stuart, FL</b>	(3) ROLE <b>Site Civil Engineering and Permitting</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE





<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">3</p>				
21. TITLE AND LOCATION <i>(City and State)</i> <b>St. Lucie West Country Club Drive Re-signalization</b> <b>Port St. Lucie, FL</b>		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td style="text-align: center;">2016</td> <td style="text-align: center;">2016</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2016	2016
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
2016	2016					
<b>23. PROJECT OWNER'S INFORMATION</b>						
a. PROJECT OWNER <b>St. Lucie West Commercial Association</b>	b. POINT OF CONTACT <b>Tiffany Jackson</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>561.750.8800</b>				

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

GEP worked with the St. Lucie West Commercial Association and City of Port St. Lucie to modify and improve the operation of the intersection of St. Lucie West Boulevard and NW Country Club Drive during peak hour traffic. New striping and signal heads were installed for the north leg of NW County Club Drive.

GEP performed a signal analysis to determine proposed signal head placement, operation, and intersection striping. The signal modifications were performed by the City of Port St. Lucie and required coordination with their transportation engineer. The revised striping was paid for by the commercial association. GEP provided construction observation and certification at the conclusion of the project.

*The project is relevant to the contract as it illustrates GEP staff's ability to provide design, permitting, and construction services for a transportation project within the City of Port St. Lucie.*

**Design Fee: \$8,450**



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME <b>GEP</b>	FIRM LOCATION <i>(City and State)</i> <b>Stuart, FL</b>  (3) ROLE <b>Prime Engineering Consultant</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i> (3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">4</p>				
21. TITLE AND LOCATION <i>(City and State)</i> <b>SE 138<sup>th</sup> Street Realignment and Paving</b> <b>Hobe Sound, Martin County, FL</b>		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td style="text-align: center;">2018</td> <td style="text-align: center;">2019</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2018	2019
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
2018	2019					
<b>23. PROJECT OWNER'S INFORMATION</b>						
a. PROJECT OWNER <b>Martin County Public Works Department</b>	b. POINT OF CONTACT <b>George Dzama, PE</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>772.463.2837</b>				

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

GEP provided design for the paving and realignment of 4,600 LF of roadway in Hobe Sound, FL. The north end of the road intersects with SE Bridge Road (County Road 708)

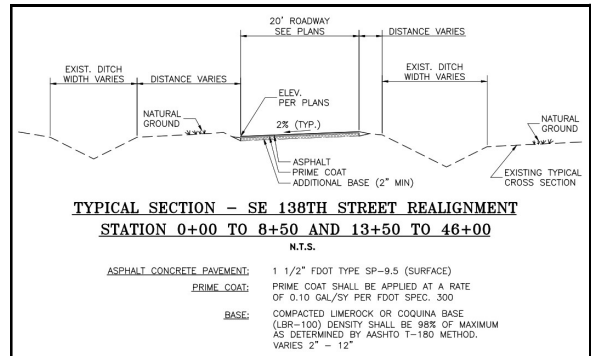
The design included the paving of an existing stabilized roadway, driveway improvements, drainage, and realigning an existing double curve into a single curve alignment for safety purposes.

GEP coordinated with Martin County Public Works on the design including an engineer's opinion of probable cost.

*The project is relevant to the contract as it relates GEP's ability to provide design services for a transportation project.*



**Design Fee: \$18,490 (GEP Contract)**  
**Project Construction Costs: \$500,000 (est.)**



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME	FIRM LOCATION(City and State)
	<b>GEP</b>	<b>Stuart, FL</b>
		<b>Site Civil Engineering</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION(City and State)
		(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER  <b>5</b>
21. TITLE AND LOCATION <i>(City and State)</i> <b>Causeway Cove Marina and RV Park</b> <b>City of Fort Pierce, FL</b>		22. YEAR COMPLETED PROFESSIONAL SERVICES <b>2015</b> CONSTRUCTION <i>(If applicable)</i> <b>2017</b>
<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER <b>Ashton DePeyster</b>	b. POINT OF CONTACT <b>Harold Smyth</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>772.201.8230</b>

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

GEP served as the prime consultant in delivering the design, interagency coordination, and permitting for a 198 Slip Marina, 12 Lot RV Park, Dockmaster's Quarters and site administration building in Fort Pierce, FL on Hutchinson Island. Site challenges included environmental concerns for coastal design, site access, FEMA elevation requirements, utility connections, and filling of site.

The project required FPUA, City of Ft Pierce, SFWMD, and FDEP permits. Project was designed for the ability to develop the site in phases without reconstruction of utilities and other infrastructure.

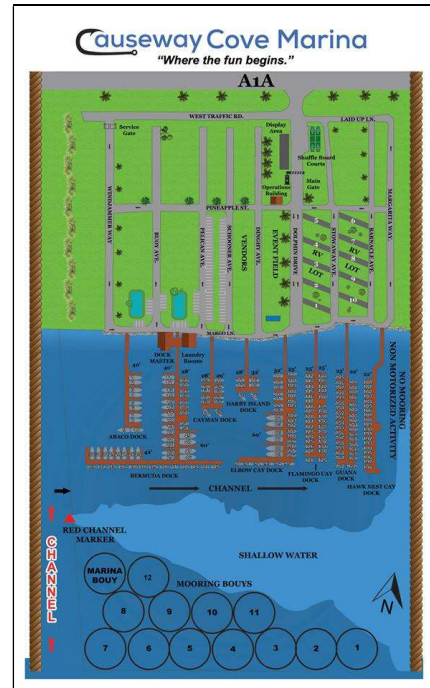
Site design included the construction of approximately 2,500 linear feet of 6" water main, utilities and grading for the RV lots, fire protection for the dock slips, water and sewer services for the slips. Services were delivered from the planning stage to construction inspection and certification.

The services required to deliver this project included water and sanitary sewer design, roadway design, stormwater design, traffic engineering, Marina dock and slip design, site planning, general site civil, construction engineering inspections (CEI) and construction manager.

*The project is relevant to the contract as it illustrates GEP's ability to provide design, permitting, and construction services for a project with Parks and Recreational components.*

**Design Fee: \$75,000**

**Project Construction Costs: \$3 million**



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME <b>GEP</b>	FIRM LOCATION <i>(City and State)</i> <b>Stuart, FL</b>	(3) ROLE <b>Prime Engineering Consultant</b>
b. (1) FIRM NAME <b>Chen Moore and Associates</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>Stuart, FL</b>	(3) ROLE <b>Landscape Architect</b>



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">6</p>				
21. TITLE AND LOCATION <i>(City and State)</i> <b>Harbor Lindon Neighborhood Roadway and Drainage Improvements          Martin County</b>		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td style="text-align: center;">2019</td> <td style="text-align: center;">2021</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2019	2021
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
2019	2021					
<b>23. PROJECT OWNER'S INFORMATION</b>						
a. PROJECT OWNER <b>Martin County Public Works Department</b>	b. POINT OF CONTACT <b>Chris Goetzfried, P.E.</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(772) 320-3177</b>				

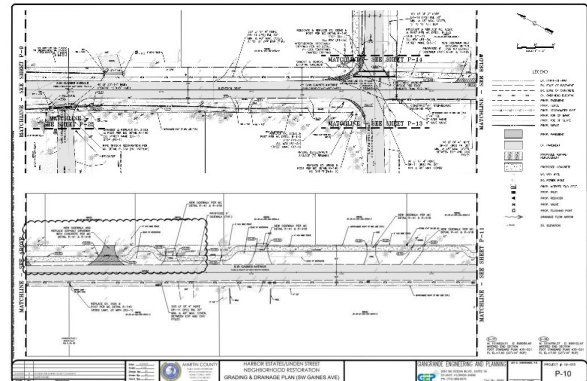
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

GEP was hired by Martin County As part of the Martin County Infrastructure Reinvestment Program, the replacement of roadway infrastructure, drainage structures, regrading of drainage swales, replacement of aging utilities owned by Martin County, pavement milling & resurfacing, new sidewalk, traffic calming and other ancillary items within the neighborhood. This project completes the neighborhood restoration of Harbor Estates, Live Oak Estates, and Linden Street corridor areas.



The services required to deliver this project included right of way review, roadway design, stormwater design, traffic engineering, access management, general site civil, through bidding.

Site design issues included minimum right of way and stormwater infrastructure, aging infrastructure and limited slope for gravity flow. Design parameters were established and executed. The project's goals included the roadway rebuilt and looking for opportunities to improve drainage. With the final design was able to hydraulically connect the separate systems so that the entire system can be managed.



*The project is relevant to the contract as it illustrates GEP's ability to provide design, permitting, and bidding services for a project with for roadway design and construction.*

**Design Fee: \$55,520**

**Project Construction Costs: 1.5 million**

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME <b>GEP</b>	FIRM LOCATION <i>(City and State)</i> <b>Stuart, FL</b>  (3) ROLE <b>Prime Engineering Consultant</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
		(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER  <b>7</b>
21. TITLE AND LOCATION <i>(City and State)</i> <b>Old Palm City Ripple Stormwater Improvement Project</b> <b>Palm City, Martin County, FL</b>		22. YEAR COMPLETED PROFESSIONAL SERVICES <b>2018</b> CONSTRUCTION <i>(If applicable)</i> <b>2020</b>
<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER <b>Martin County Office of Community Dev.</b>	b. POINT OF CONTACT <b>Susan Kores</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>772.320.3095</b>

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

GEP provided design and permitting for a stormwater improvement project in Old Palm City. The design of the project was partially funded through a grant from the National Endowment for the Arts and included a community art component. The project spans four sites totaling approximately 2.5 acres and included artist, engineers, landscape architects, community members and Martin County staff to create an aesthetically pleasing and meaningful stormwater treatment area.

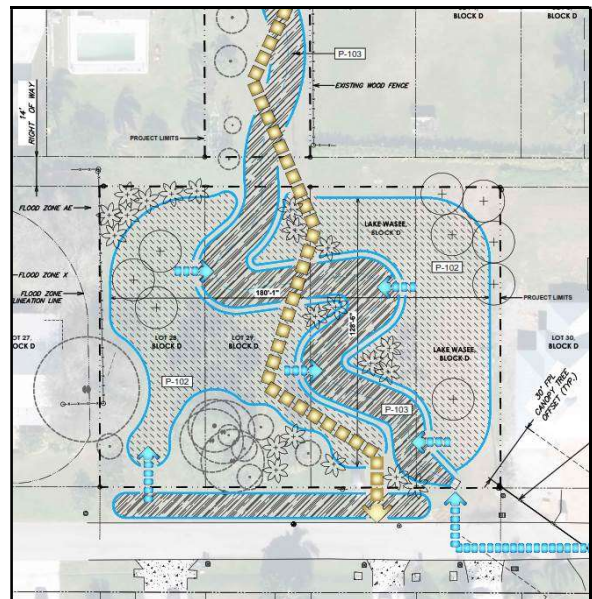
The goals of the Ripple project were:

- *Creative place making that encourages public interactions*
- *Make visible the community's connection to and impact on the St. Lucie River*
- *Water Quality improvement (the maximum water quality outcomes possible, above and beyond BMAP)*
- *Improved environmental education and stewardship*

The conceptual design of the "Ripple" project included multiple public involvement meetings with an eco-artist where residents provided input on important features for the community. The design of stormwater treatment areas incorporated these public art pieces. The project design benefits the St. Lucie River by improving water quality of the stormwater discharging from the project area.

Stormwater permitting through the South Florida Water Management District and US Army Corps of Engineers was required for this project.

*The project is relevant to the contract as it relates GEP's ability to provide design and permitting services for a unique stormwater improvement project.*



**Design Fee: \$47,991 (Conceptual Design)**

**Project Construction Costs: \$955,000**

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	<b>GEP</b>	<b>Stuart, FL</b>	<b>Site Civil Engineering and Permitting</b>
b.	Chen Moore and Associates	West Palm Beach, FL	Landscape Design
c.	EW Consultants, Inc.	Stuart, FL	Environmental Consultant



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">8</p>
21. TITLE AND LOCATION <i>(City and State)</i> <b>Doral Glades Park (FKA Doral North Park)</b> <b>City of Doral, FL</b>		22. YEAR COMPLETED PROFESSIONAL SERVICES: <b>2017</b> CONSTRUCTION <i>(If applicable)</i> : <b>2018</b>
<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER <b>City of Doral</b>	b. POINT OF CONTACT <b>Barbara Hernandez</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>305.593.6600</b>

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

This new 20-acre park facility is located just north of NW 74th Street and west of NW 102nd Avenue in the City of Doral. The park provides numerous recreational opportunities for visitors with emphasis on sporting activities, the nature center and an overall site with an educational focus.

Services requested by City of Doral included design, permitting, and construction services of site development and infrastructure elements for a nature center with pedestrian docks, kayak launch, tennis and basketball courts, a multipurpose field, playgrounds, roadways, parking, and concrete walks to create connectivity to the park.

GEP provided site civil engineering design and permitting for park and nature center. Project challenges included site access and security, implementing green initiatives, an educational influence, and environmental concerns for wetlands and water quality. Civil design components include all site grading, lift station design, roadway and parking lot design, water and sewer utilities, and signage & striping for options on managing site access. Permitting was required through SFWMD, the City of Doral, and Miami-Dade County.

*The project is relevant to the contract as it relates GEP's ability to provide design, permitting, and construction services for a project with **roadway design**, **stormwater**, and **utility components**. Project included design and construction of NW 97<sup>th</sup> and park roadway system.*

**Design Fee: \$155,000 (GEP Contract)**  
**Project Construction Costs: \$10 million**



PIRTLE Doral Glades Park SOUTH FLORIDA PARTS 06-11-19

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME <b>GEP</b>	FIRM LOCATION <i>(City and State)</i> <b>Stuart, FL</b>	(3) ROLE <b>Site Civil Engineering and Permitting</b>
b.	(1) FIRM NAME Chen Moore and Associates	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Landscape Design



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  <b>9</b>
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21. TITLE AND LOCATION <i>(City and State)</i> <b>Floresta Sidewalk Improvements City of Port St Lucie</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION <i>(If applicable)</i> <b>2019</b>

**23. PROJECT OWNER'S INFORMATION**

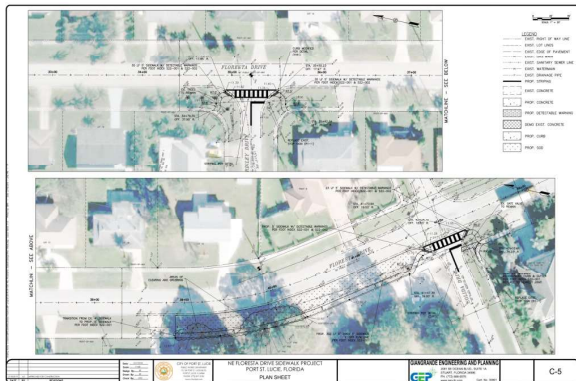
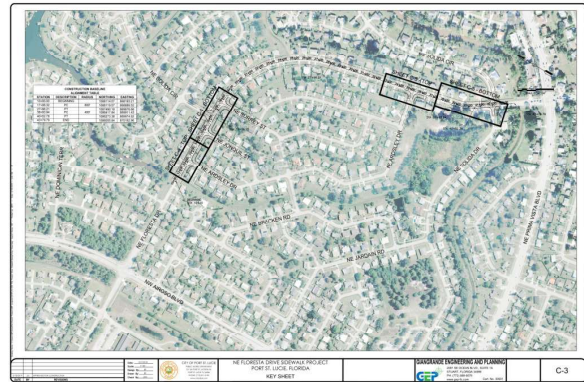
a. PROJECT OWNER <b>City of Port St. Lucie</b>	b. POINT OF CONTACT <b>Heath Stocton</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(772) 344-4239</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

The City of Port St. Lucie selected Giangrande Engineering & Planning to design sidewalks with cross walks along Floresta Drive. Project was designed to ADA and City Standards.

Project challenges included limited right of way and managing existing conditions.

*This Project is another example of GEP working successfully with the City of Port St Lucie.*



GEP Fee with Geotechnical Services: \$13,300

Construction Costs: \$53,000



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>GEP</b>	FIRM LOCATION <i>(City and State)</i> <b>Stuart, FL</b>	(3) ROLE <b>Prime Consultant, Site Civil Engineering and Permitting</b>
	b.	(1) FIRM NAME Anderson Andre Consulting Engineers	(2) FIRM LOCATION <i>(City and State)</i> Port St Lucie



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

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>Mattamy Homes</b>	b. POINT OF CONTACT <b>Tony Palumbo</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>954-826-7487</b>
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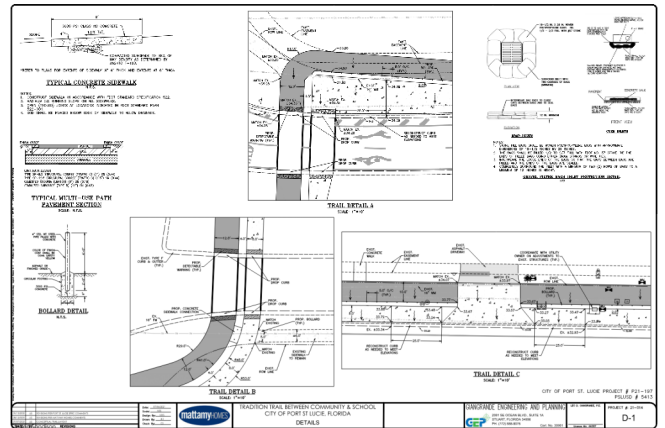
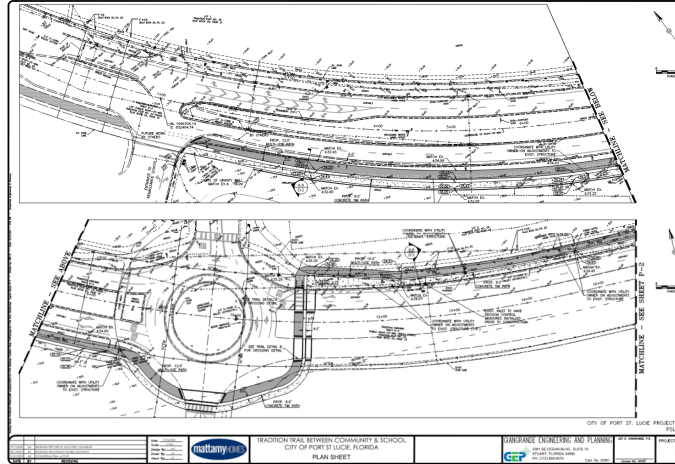
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

Giangrande Engineering and Planning is currently contracted support the design of the Tradition Trail located on Tradition Parkway between Community Boulevard and the Renaissance Charter School. Provided services to deliver the design, approvals and construction services to construct the trail to accommodate the BEEP autonomous people mover. Project was designed to ADA and City Standards.

Project required designing within the City right of way with minimal encroachments into private properties. One challenge that we overcame is designing the trail through an existing wetland with a raised timber trial system. Design required coordination with City staff and approval by City Council. Other permitting includes South Florida Water Management and Southern Groves CDD.

Project challenges included limited right of way and managing existing conditions.

*This Project is another example of GEP working successfully with the City of Port St Lucie.*



GEP Fee with Geotechnical Services: \$110,000

Construction Costs: \$2.6M



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>GEP</b>	FIRM LOCATION <i>(City and State)</i> <b>Stuart, FL</b>	(3) ROLE <b>Prime Consultant, Site Civil Engineering and Permitting</b>
b.	(1) FIRM NAME <b>Anderson Andre Consulting Engineers</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>Port St Lucie</b>	(3) ROLE <b>Geotechnical Services</b>
b.	(1) FIRM NAME <b>EW Consultants</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>Ed Weinberg</b>	(3) ROLE <b>Environmental Consulting</b>







**H. ADDITIONAL INFORMATION**

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

**Firms Profile**

Established in 2014 as a small engineering consulting firm that provides extensive experience in large project planning and design. We are a team of professionals who previously worked for big corporations, and desired a closer connection to clients. Clients have ranged from small local municipal clients to the National Parks Service. GEP has established relationships developed through successful past projects. A critical focus of GEP is assembling the proper team for a project. There are many components from planning to construction that require the services of professionals with similar project experience. GEP is currently comprised of three (3) professional engineers, one (1) senior CAD Technician, and one administrative assistant. This team has been working together for over ten (10) years with GEP and past employers. We have a comprehensive history of being successful together in the Treasure Coast.



**Our firm is prequalified with FDOT in the areas of minor highway design, traffic engineering studies, traffic signal timing, and signing, pavement marking, and channelization.** GEP provides the FDOT's Advanced Maintenance of Traffic (MOT) and NPDES Qualified Stormwater Management certifications. In addition, a member of our design team is an ASFPM Certified Floodplain Manager (CFM) with experience performing large- and small-scale flood studies. These additional certifications not only improve our design capabilities but also bring an additional benefit and expertise to construction.

**Strategies for added Value**

The preliminary development steps will determine the final design criteria incorporated into the project construction plans and specifications. One of GEP's primary strategies for adding value is to take a thorough approach to the early stages of the project development and design. By ensuring that the project design and complete scope of work meets the Client's needs and all permitting requirements, then GEP is able to move forward through the final design and project construction process in a timely and efficient manner.



GEP has worked on various land development, roadway and parks projects that require coordination with applicable permitting agencies, adjacent residences, and the operating and maintaining entity. We have experience in designing projects that comply with FEMA, SFWMD, FDEP, FDOT and City stormwater regulations. Incorporating the required criteria into the preliminary design is a critical component to outlining an anticipated permitting process and schedule.

Our project approach will enable GEP to track and keep the project on schedule and in full view of the City Project Manager and enable GEP to successfully deliver the project to the City from the initial coordination with sub-consultants, to the development of the Design Documentation Report, the Preliminary Design, throughout the incremental reviews by the City Project Manager and the Final Ready-to-Advertise submittal package. In addition, the GEP team will be proactive and responsive throughout the Bid Solicitation process and has capable and experienced team members to provide Construction Phase engineering services.

**I. AUTHORIZED REPRESENTATIVE**

The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

10/1/2021

33. NAME AND TITLE

Leo Giangrande PE, Principal Engineer

**ARCHITECT-ENGINEER QUALIFICATIONS**

1. SOLICITATION NUMBER (if any)  
**PROJECT # 2021-0008**

**PART II - GENERAL QUALIFICATIONS**


2a. FIRM (OR BRANCH OFFICE) NAME <b>GIANGRANDE ENGINEERING &amp; PLANNING, LLC</b>			3. YEAR ESTABLISHED <b>2014</b>	4. DUNS NUMBER
2b. STREET <b>2081 SE OCEAN BLVD, SUITE 1A</b>			5. OWNERSHIP	
2c. CITY <b>STUART</b>			2d. STATE <b>FL</b>	2e. ZIP CODE <b>34996</b>
6a. POINT OF CONTACT NAME AND TITLE <b>LEO GIANGRANDE, PE - PRINCIPAL</b>			a. TYPE <b>LLC</b>	
6b. TELEPHONE NUMBER <b>772-888-9076</b>			6c. E-MAIL ADDRESS <b>LEO@GEP-LLC.COM</b>	
8a. FORMER FIRM NAME(S) (If any)			8b. YR ESTABLISHED	8c. DUNS NUMBER
7. NAME OF FIRM (If block 2a. is a branch office)				
b. SMALL BUSINESS STATUS				

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
12	CIVIL ENGINEER	5	4	C06	CHURCHES	1
8	CADD TECHNICIAN	1	1	C07	COASTAL ENGINEERING	1
				C10	COMMERCIAL	1
				C18	COST ESTIMATING	1
				D07	DINING HALLS/RESTAURANTS	1
				H01	HARBORS/JETTIES	1
				H07	HIGHWAYS/STREETS	2
				H10	HOTELS/MOTELS	2
				P06	PLANNING (SITE)	1
				R04	RECREATION FACILITIES	1
				S04	SEWAGE COLLECTION	1
				T03	TRAFFIC ENGINEERING	1
				W02	WATER RESOURCES	1
				W03	WATER DISTRIBUTION	1
	Other Employees	1	1			
	<b>Total</b>	<b>7</b>	<b>6</b>			

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

**12. AUTHORIZED REPRESENTATIVE**

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 09/14/2021
c. NAME AND TITLE <b>LEO D. GIANGRANDE, PE - PRINCIPAL</b>	

# Request for Taxpayer Identification Number and Certification

**Give Form to the  
 requester. Do not  
 send to the IRS.**

▶ Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

Print or type.  
 See Specific instructions on page 3.

**1** Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.  
**Giangrande Engineering and Planning LLC**

**2** Business name/disregarded entity name, if different from above

**3** Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

Individual/sole proprietor or single-member LLC     C Corporation     S Corporation     Partnership     Trust/estate

Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ **X**

**Note:** Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

Other (see instructions) ▶

**4** Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):  
 Exempt payee code (if any) \_\_\_\_\_  
 Exemption from FATCA reporting code (if any) \_\_\_\_\_  
*(Applies to accounts maintained outside the U.S.)*

**5** Address (number, street, and apt. or suite no.) See instructions.  
**2081 SE Ocean Blvd Suite 1A**

**6** City, state, and ZIP code  
**Stuart, FL 34996**

**7** List account number(s) here (optional)

Requester's name and address (optional)

**Part I Taxpayer Identification Number (TIN)**

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

**Note:** If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

**Social security number**

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

**or**

**Employer identification number**

4	7	-	3	7	3	8	5	6	5
---	---	---	---	---	---	---	---	---	---

**Part II Certification**

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

**Sign Here**    Signature of U.S. person ▶    Date ▶ **1-25-21**

**General Instructions**

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

**Purpose of Form**

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
  - Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
  - Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
  - Form 1099-S (proceeds from real estate transactions)
  - Form 1099-K (merchant card and third party network transactions)
  - Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
  - Form 1099-C (canceled debt)
  - Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.
- If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.*



GIANENG-01

EMILLER

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
7/2/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).**

<b>PRODUCER</b> R V Johnson Agency, Inc. 2041 SE Ocean Blvd Stuart, FL 34996	CONTACT NAME:		
	PHONE (A/C, No, Ext):	(772) 287-3366	FAX (A/C, No): (772) 287-4255
	E-MAIL ADDRESS:	info@rvjohnson.com	
	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A:	Main Street America Assurance Company	29939
	INSURER B:	Builders Insurance	10704
<b>INSURED</b>  Giagrande Engineering and Planning LLC 2081 SE Ocean Blvd St 1A Stuart, FL 34996	INSURER C:	Argonaut Insurance Company	
	INSURER D:		
	INSURER E:		
	INSURER F:		


**COVERAGES**      **CERTIFICATE NUMBER:**      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			BPP6792U	6/24/2021	6/24/2022	EACH OCCURRENCE \$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000
							MED EXP (Any one person) \$ 10,000
							PERSONAL & ADV INJURY \$ 1,000,000
							GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS - COMP/OP AGG \$ 2,000,000
							HIRED NON OWNED \$ Included
B	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$
							BODILY INJURY (Per person) \$
							BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							\$
C	<b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE  DED   RETENTION \$						EACH OCCURRENCE \$
							AGGREGATE \$
							\$
D	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N If yes, describe under DESCRIPTION OF OPERATIONS below			WCV031552900	4/20/2021	4/20/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
							E.L. EACH ACCIDENT \$ 500,000
							E.L. DISEASE - EA EMPLOYEE \$ 500,000
							E.L. DISEASE - POLICY LIMIT \$ 500,000
E	Professional Errors			121 AE 0177229-01	6/24/2021	6/24/2022	Liability \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

**CERTIFICATE HOLDER**      **CANCELLATION**

<p>SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.</p>
<p>AUTHORIZED REPRESENTATIVE</p> 



Ron DeSantis, Governor

Halsey Beshears, Secretary



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

**BOARD OF PROFESSIONAL ENGINEERS**

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

**GIANGRANDE, LEO D.**

4596 MURRAY COVE CIRCLE  
STUART FL 34997

**LICENSE NUMBER: PE66387**

**EXPIRATION DATE: FEBRUARY 28, 2021**

Always verify licenses online at [MyFloridaLicense.com](http://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.

# State of Florida

Board of Professional Engineers

Attests that

Jarrod Louis Stern, P.E.



**FBPE**  
FLORIDA BOARD OF  
PROFESSIONAL ENGINEERS

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2017  
Audit No: 228201733593 |

PE. Lic. No:

**79368**



Ron DeSantis, Governor



## STATE OF FLORIDA

### BOARD OF PROFESSIONAL ENGINEERS

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

**SCHWERDT, COLTE.**

810 NE BAYBERRY LN  
JENSEN BEACH FL 34957

**LICENSE NUMBER: PE76887**

**EXPIRATION DATE: FEBRUARY 28, 2023**

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Ron DeSantis, Governor

Julie I. Brown, Secretary



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

**BOARD OF LANDSCAPE ARCHITECTURE**

THE LANDSCAPE ARCHITECT HEREIN HAS REGISTERED UNDER THE  
PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

**TEMPLIN, JON LEE**

8626 SPERRY ST  
ORLANDO FL 32827

**LICENSE NUMBER: LA6667227**

**EXPIRATION DATE: NOVEMBER 30, 2021**

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Ron DeSantis, Governor

Julie I. Brown, Secretary



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

**BOARD OF LANDSCAPE ARCHITECTURE**

THE LANDSCAPE ARCHITECT HEREIN HAS REGISTERED UNDER THE  
PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

**READ, CARRIE E**

1615 EDGEWATER DR  
SUITE 200  
ORLANDO FL 32804

**LICENSE NUMBER: LA6667316**

**EXPIRATION DATE: NOVEMBER 30, 2023**

Always verify licenses online at [MyFloridaLicense.com](http://MyFloridaLicense.com)



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## Attachment A - Mandatory Questions

### Mandatory Questions

**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	Upload Attachments ?	Attachment Name
<b>Proposal Factors</b>				
1	List any criminal violations and/or convictions of the Proposer and/or any of its principals: (N/A is not an acceptable answer).	No	IF YES	
2	Complete and upload PSL Location Form	YES	Y	File #4
3	Is firm a minority business?	No (SBE)	IF YES	
4	Is the firm incorporated? Yes--No If yes, in what state?	No	N	
5	List any judgements from lawsuits in the last five (5) years: (N/A is not an acceptable answer).	None	IF YES	
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).	None	IF YES	
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	Proposers are required to submit all licenses and certifications required to perform this project.	YES	Y	File #4
9	Proposers are required, to submit a copy of their Insurance Certificate for the type and dollar amount of insurance they <u>currently maintain</u> .	YES	Y	File #4
10	Complete and upload E-Verify Form	YES	Y	File #4
11	Complete and upload Drug Free Workplace Form	YES	Y	File #4
12	Complete and upload Consultant Code of Ethics	YES	Y	File #4
13	Complete and upload Non-Collusion Affidavit	YES	Y	File #4
14	Complete and upload Cone of Silence Form	YES	Y	File #4
15	Complete and upload Truth-In Negotiation Form	YES	Y	File #4
16	Submit W-9	YES	Y	File #4
17	Upload and submit three (3) projects similar in size and scope to this Bid completed by your firm within the past five (5) years along with a brief description of the project, location of project, client name, client phone number, email, and value of contract.	YES	Y	File #3
18	Complete and upload Mandatory Scored Questions Form in EXCEL FORMAT ONLY. Upload applicable attachments.	YES	Y	File #2

**Attachment B - Mandatory Scored Questions**

**Mandatory Scored Questions**

**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	<p><u>Please provide all documentation needed for Location.</u></p> <p><u>Proposer's Location</u> - 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                      140+ Miles</p>	11 Miles	Yes	File #4. Letter of Interest and Questionnaire Responses
2	<p><u>Woman/Veteran/Minority Owned Business.</u> 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.</p>	No	No	
3	<p><u>Proposer's Work Plans.</u> This section should include, but is not limited to, special concerns or accommodations needed for a successful project.</p>	See Attached	Yes	File #4. Letter of Interest and Questionnaire Responses
4	<p><u>Project plan.</u> 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.</p>	See Attached	Yes	File #4. Letter of Interest and Questionnaire Responses
5	<p><u>What is your proposed Management Plan for this project?</u></p> <p><u>Management Plan.</u> 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.</p>	See Attached	Yes	File #4. Letter of Interest and Questionnaire Responses

**Attachment B - Mandatory Scored Questions**

6	Provide a listing of firm's current contracts.	See Attached	Yes	Letter of Interest and Questionnaire Responses
7	Please complete and attach Form 330 part I and II for evaluation of qualifications & staff/personnel.	See Attached	Yes	Letter of Interest and Questionnaire Responses
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 Attached	Yes	Letter of Interest and Questionnaire Responses
9	<u>Value-added 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 Attached	Yes	Letter of Interest and Questionnaire Responses
10	<u>Proposed Schedule.</u> 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 Attached	Yes	File #4. Letter of Interest and Questionnaire Responses
11	<u>Other Material.</u> 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.	See Attached	Yes	File #4. Letter of Interest and Questionnaire Responses
12	<u>Innovation.</u> 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 Attached	Yes	File #4. Letter of Interest and Questionnaire Responses

**Attachment B - Mandatory Scored Questions**

13	<p><u>Wetland Impacts.</u> A portion of this project is the design of the required wetland impacts as required per the Army Corps of Engineers permit (SAJ-2006-2046). Please describe your firms experience with designing wetland impacts and provide examples.</p>	See Attached	Yes	File #4. Letter of Intrest and Questionnaire Responses
14	<p><u>Roadway Design and Soil Conditions.</u> The Hegener Dr Phase 2 Extension is located in the Southern Grove area of the City that is known have soils that contain organics and can present challenges during construction. What design considerations could be considered to aid in the construction of this roadway extension.</p>	See Attached	Yes	File #4. Letter of Intrest and Questionnaire Responses
15	<p><u>FPL Coordination and Conduit Design.</u> Coordination with FPL and design of the FPL conduits adjacent to the roadway ROW is also required with this proejct scope. What experience does your firm have with coordination and design of FPL conduit?</p>	See Attached	Yes	File #4. Letter of Intrest and Questionnaire Responses



"A City for All Ages"

**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.

**Giangrande Engineering and Planning**

Name of Firm  
Leo Giangrande

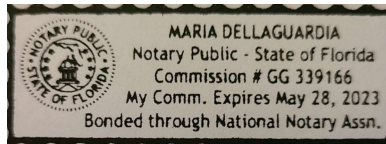
President or Designee (Printed)  
*Leo Giangrande*

President or Designee (Signed)

The foregoing instrument was acknowledged before me by Leo Giangrande who is personally known to me. WITNESS my hand and official seal in the State of Florida, County of St. Lucie last aforesaid this 28 day of September, 2021.

(SEAL)

*Leo Giangrande*



Signature  
Maria DellaGuardia

Notary Name (typed or printed)  
*Maria DellaGuardia*

Notary Name (signed)



"A City for All Ages"

**E-Verify Form**  
Attachment G - E-Verify Form

**Supplier/Consultant acknowledges and agrees to the following:**

1. Shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Supplier/Consultant during the term of the contract; and
2. Shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

**E-Verify Company Identification Number** 47-3738565

**Date of Authorization** 9/28/2021

**Name of Contractor** Giangrande Engineering and Planning

**Name of Project** Hegener Drive Extension Phase III

**Solicitation Number (If Applicable)** 20210103

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

Executed on September, 28, 2021 in Port St. Lucie (city), FL (state).

Signature of Authorized Officer

**Leo Giangrande, Principal**

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME

ON THIS THE 28 DAY OF September, 2021.

NOTARY PUBLIC Maria DellaGuardia

My Commission Expires: May 28, 2023



**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

Giangrande Engineering and Planning does:  
(Name of Business)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under proposal a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 Florida Statutes or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.



\_\_\_\_\_  
Bidder's Signature  
September 28, 2021

\_\_\_\_\_  
Date:




**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: Giangrande Engineering and Planning	
Current Local Address: 2081 SE Ocean Blvd., Suite 1A, Stuart FL 34996	Phone: 772-888-9076
Length of time at this address: 4 years	Fax:
Please provide your prior business address if the above address has been for less than one (1) year, prior to the issuance of this solicitation. 73 SW Flagler Ave, Stuart, FL 34996	
Length of time at this address: 3 years	
Home Office Address: 2081 SE Ocean Blvd., Suite 1A Stuart, FL 34996	Phone:
Length of time at this address: 4 years	Fax:

(Signed) \_\_\_\_\_   
(Title) Principal

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

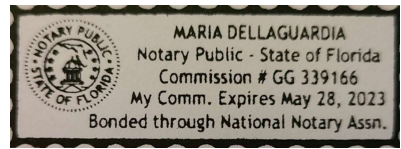
The foregoing instrument was acknowledged before me this (Date) September 28, 2021

by: Leo Giangrande who is personally known to me or who has produced

~~N/A~~ as identification and (who did) (did not) take an oath.

Maria DellaGuardia Commission No. GG 339166

Notary (print & sign name) Maria DellaGuardia





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**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](mailto: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.**

Typed Name: Leo Giangrande  
Signed:   
Company and Job Title: Giangrande Engineering and Planning, Principal  
Date: 9/28/2021



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**eRFP #20210103**

## **ATTACHMENT F - CONSULTANT'S CODE OF ETHICS**

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

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

localities in which they operate. This includes, but is not limited to, laws and regulations relating to environmental, occupational health and safety, and labor practices. In addition, Consultant must require their suppliers (including temporary labor agencies) to do the same. Consultant must conform their practices to any published standards for their industry. Compliance with laws, regulations and practices include, but are not limited to the following:

- Obtaining and maintaining all required environmental permits. Further, Consultant will endeavor to minimize natural resource consumption through conservation, recycling and substitution methods.
- Providing workers with a safe working environment, which includes identifying and evaluating workplace risks and establishing processes for which employee can report health and safety incidents, as well as providing adequate safety training.
- Providing workers with an environment free of discrimination, harassment and abuse, which includes establishing a written anti-discrimination 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 Giangrande Engineering and Planning

Signature 

Printed Name and Title Leo Giangrande, Principal

Date 9/28/2021

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



"A City for All Ages"

**NON-COLLUSION AFFIDAVIT**

**Solicitation #20210103**

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

State of Florida

County of St. Lucie }

Leo Giangrande, being first duly sworn, disposes and says that:

(Name/s)

1. They are Principal of Giangrande Engineering and Planning the Proposer that

(Title)

(Name of Company)

has submitted the attached PROPOSAL;

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

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

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

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

(Signed) 

(Title) Principal



"A City for All Ages"

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

September 28, 2021

The foregoing instrument was acknowledged before me this (Date) \_\_\_\_\_

Leo Giangrande  
by: \_\_\_\_\_

who is personally known to me or who has produced

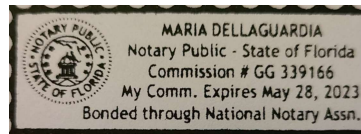
N/A

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

Commission No. GG 339166

Notary Print: Maria DellaGuardia

Notary Signature: *Maria DellaGuardia*





"A City for All Ages"

**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: Giangrande Engineering and Planning  
PHYSICAL ADDRESS: 2081 SE Ocean Blvd., Suite 1A, Stuart, FL 34996  
TELEPHONE NUMBER: 772-888-9076 FAX NO.  
MAILING ADDRESS: 2081 SE Ocean Blvd., Suite 1A, Stuart, FL 34996  
CONTACT PERSON Leo Giangrande E-MAIL : Leo@gep-llc.com

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

2. **COMPLETION OF FORM** - 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. **AGREEMENT** - Contractor agrees to comply with all requirements stated in the specifications for this RFP.

**CERTIFICATION:**

This RFP is submitted by: Name (print) Leo Giangrande who is an officer of the above firm duly authorized to sign proposals and enter into contracts. I certify that this solicitation






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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.

I agree to abide by all conditions of this RFP:

  
\_\_\_\_\_  
Signature \_\_\_\_\_  
President  
Title

If a corporation renders this Proposal, the corporate seal attested by the secretary shall be affixed below. Any agent signing this Proposal shall attach to this form evidence of legal authority.

**Witnesses:**


**If Partnership:**

Colt Schwerdt

\_\_\_\_\_  
Print Name of Firm



Print name 

By: \_\_\_\_\_  
(General Partner)

Jarrod Stern  
Print name 

**If Corporation:**  
**Giangrande Engineering and Planning LLC**  
\_\_\_\_\_  
Print Name of Corporation

**If Individual:**

By:  \_\_\_\_\_  
(President)  
Attest:  \_\_\_\_\_  
(Secretary)

\_\_\_\_\_  
Signature  
\_\_\_\_\_  
Print Name

October 1, 2021

Jason Bezak  
Procurement Agent 1  
City of Port St. Lucie – Procurement Management Division  
121 SW Port ST. Lucie Blvd.  
Port St. Lucie, FL 34984

**Subject: Letter of Interest  
City of Port St. Lucie – eRFP 20210103  
Design & Permitting – Hegener Drive Extension Phase III**

Dear Mr. Bezak & Evaluation Committee:

Giangrande Engineering & Planning (GEP) appreciates the opportunity to submit this letter of interest in response to the City of Port St. Lucie's (City) Request for Proposal (RFP) for Design & Permitting services for the Hegener Dr. Extension Phase III project. In this letter, we offer a summary of our company's qualifications, and the services we are prepared to provide according to Scope of Services listed in the City RFP.

GEP is a small engineering firm, established in 2014, that provides extensive experience in project planning and design, both large and small. GEP provides quality technical professional services by keeping our focus on the identified project goals and Client needs. **As our team is small and local, we are Treasure Coast residents that appreciate the quality of life unique to this area, the City can be assured that their projects will be designed by experienced engineers.** We also excel at performing the smaller projects that other firms don't often make a priority and will do the same for the City of Port St. Lucie as our history has demonstrated.

The GEP team, led by Colt Schwerdt, P.E., Leo Giangrande, P.E., and Jarrod Stern, P.E. are very familiar with working within the City, both on projects for the City and projects permitted through the City; such as the various roadway improvement designs that GEP has had the pleasure of completing for the City. With the most recent example being the completed design for the Cashmere Blvd. improvements. In addition to working with City staff on these projects, we have been able to demonstrate our responsiveness to the City's needs. Our office is in Stuart, allowing for quick response times to better facilitate this project. We are equipped and prepared to meet the requirements for the City of Port St. Lucie. As a tribute to Colt's dedication to the City he continues to due third party plan reviews as needed.

Colt Schwerdt, P.E. will be the project manager for this project, which is of significance as his previous role of Deputy Public Works Director for the City of Port St. Lucie highlights the personal experience and knowledge the GEP teams brings to the Hegener Dr Ph III project. As the previous Deputy Director, **Colt was the engineer responsible for overseeing the Public Works review and permitting for all Land Development within the City; as well as being the project manager for previous Hegener Dr phases (Tradition Commerce Park Loop Rd and Hegener Dr Ph I projects), and the City's civil engineer assigned to the Southern Grove Master Planning efforts, for roads and stormwater. Additionally, Colt was also responsible for preparing and the successful adoption of the first City of Port St. Lucie Engineering Standards for Land Development; which will govern the design aspects of the Hegener Dr. project**

To complement Colt's experience and personal knowledge, Jarrod has successfully managed various roadway projects, such as the Cashmere Blvd design improvements reference above, and performed many drainage district permit reviews for Ft Pierce Farms Water Control District and North St Lucie River Water Control District. Leo, also served as the Assistant City Engineer and City Engineer for the City of Palm Beach Gardens, and has managed many standalone roadway projects and projects with roadways in the overall scope.

GEP understands that the Hegener Dr. Extension Phase III project will need additional professional services such as survey, environmental, and geotechnical engineering. In which GEP has put together an experienced team that will address these needs timely and efficiently. ***Of significant importance for a successful Hegener Dr Extension Phase III project; is the preparation of the plat. As the plat and construction plans need to be consistent between the documents; and construction of the proposed roadway improvements cannot proceed until the plat has been approved by the City. GEP would recommend preparation of both the plat and construction documents concurrently, to accelerate the project and ensure the City's desired goals and deadlines are met.*** Additionally, this team besides just Colt, has first-hand knowledge and experience with previous phases of the Hegener Dr. project and/or other projects in the Southern Grove area; this first-hand experience will provide the foundation for a successful Hegener Dr. Extension Ph III project that we feel is second to none.

GEP is pre-qualified with FDOT for Minor Highway Design, Traffic Engineering Studies, Traffic Signal Timing, and Signing Pavement Marking & Channelization. We also have a ASFPM Certified Floodplain Manager (CFM) on staff with extensive experience with FEMA mapping and requirements.

In response to the Scope of Services outlined by the City, GEP is prepared to offer professional engineering services for the Hegener Dr. Extension Phase III project. And in this proposal, we have selected projects that showcase our experience with these types of projects and demonstrate our qualifications and experience to provide professional engineering services to the City of Port St. Lucie.

Thank you for this opportunity and we look forward to the opportunity to continue working with the City of Port St. Lucie. Should you have any questions, please contact either Leo Giangrande or Colt Schwerdt at (772) 888-9076 or by email at [leo@gep-llc.com](mailto:leo@gep-llc.com) or [colt@gep-llc.com](mailto:colt@gep-llc.com).

Best regards,



Leo D. Giangrande, P.E.  
Principal Engineer  
[leo@gep-llc.com](mailto:leo@gep-llc.com)

**GEP Response to eRFP 20210103 Questions  
Attachment A – Mandatory Questions  
This is in addition to Excel file provided for Attachment A**

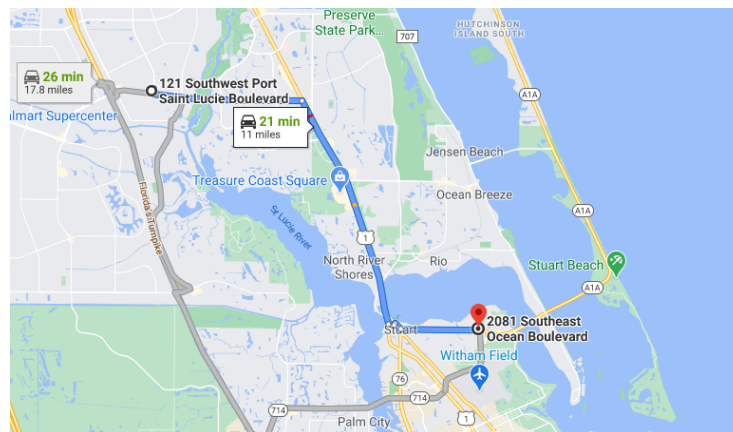
Please find GEP's responses to the Mandatory Questions section of eRFP #20210103, with the GEP response in bold and below the original question.

1. List any criminal violations and/or convictions of the Proposer and/or any of its principals:  
(N/A is not an acceptable answer:

**GEP has no criminal violations and/or convictions to list.**

2. Complete and upload City of Port St. Lucie Location Form:

**As requested, please find the attached City of Port St. Lucie – Location Form. In addition, the GEP office (2081 SE Ocean Blvd., Stuart, FL, 34996) is located 11 miles from City Hall and 19 miles from the project site.**



3. Is firm a minority business?

**No.**

4. Is the firm incorporated?

**No.**

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

**GEP has no judgements from lawsuits since the formation of GEP.**

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:

**In conjunction with Question No. 5 above, GEP, nor any partners have lawsuits pending or completed within the past five years.**

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

**No.**

8. Submitted all licenses and certification required to perform this project.

**All licenses and certifications are included for our reference.**

9. Submitted a copy of their Insurance Certificate for the type and dollar amount of insurance they currently maintain.

**GEP's certificate of insurance is included for your reference.**

10. Complete and upload E-Verify Form.

**Please find the completed E-Verify Form.**

11. Complete and upload Drug Free Workplace Form.

**Please find the completed Drug Free Workplace Form.**

12. Complete and upload Consultant Code of Ethics.

**Please find the completed Consultant Code of Ethics Form.**

13. Complete and upload Non-Collusion Affidavit.

**Please find the completed Non-Collusion Affidavit Form.**

14. Complete and upload Cone of Silence Form.

**Please find the completed Cone of Silence Form.**

15. Complete and upload Truth-In Negotiation Form.

**Please find the completed Truth-In Negotiation Form.**

16. Submit W-9.

**The W-9 has been included as requested.**

17. Completed and uploaded Mandatory Scored Responses.

**Please find the attached Mandatory Scored Questions form, and this GEP Response to Attachment A – Mandatory Questions, as well as the above referenced attachments.**

18. Completed and uploaded Contractor General Information Worksheet.

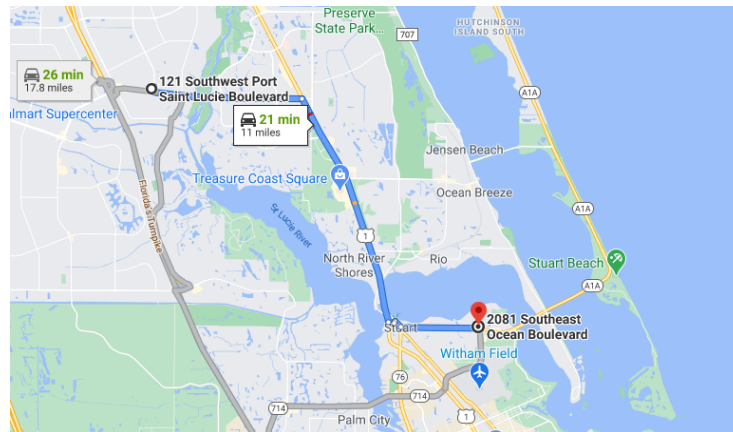
**Please find the completed Contractor General Information Worksheet.**

## **GEP Response to eRFP 20210103 Questions Attachment B – Mandatory Scored Questions**

Please find GEP's responses to the Mandatory Scored Questions section of eRFP #20210103, with the GEP response in bold and below the original question.

1. Please provide all documentation needed for Location.  
Proposer's Location shall be 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  
140+ Miles"



**The GEP staff assigned to this project are all located at 2081 SE Ocea Blvd., Stuart, FL, 34996. Which means the GEP staff are located 11 miles from City Hall and 19 miles from the project**

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.

**GEP is not a Minority Owned Business.**

3. Proposer's Work Plans. This section should include, but is not limited to, special concerns or accommodations needed for a successful project.

**Please refer to the attached Project Delivery System that outlines GEP's work plans.**

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.

***Please refer to the attached Project Delivery System that outlines GEP's project plans for Hegener Dr. Ph III Extension.***

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."

***Please refer to the attached Project Delivery System that outlines Hegener Dr. Ph III Extension project management plan.***

6. Provide a listing of firm's current contracts.
- **Martin County Continuing Services Contract**
  - **St Lucie County Continuing Services Contract**
  - **City of Port St Lucie 3<sup>rd</sup> Party review Contract.**
7. Please complete and attach Form 330 part I and II for evaluation of qualifications & staff/personnel.

**SF330 is completed and attached.**

8. Executive summary. 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.

***The GEP team, led by Colt Schwerdt, P.E., Leo Giangrande, P.E., and Jarrod Stern, P.E. are very familiar with working within the City, both on projects for the City and projects permitted through the City; such as the various roadway improvement designs that GEP has had the pleasure of completing for the City. With the most recent example being the completed design for the Cashmere Blvd. improvements.***

***Colt Schwerdt, P.E. will be the project manager for this project, which is of significance as his previous role of Deputy Public Works Director for the City of Port St. Lucie highlights the personal experience and knowledge the GEP teams brings to the Hegener Dr Ph III project. As the previous Deputy Director, Colt was responsible for overseeing all Land Development for Public Works in regarding to review and permitting projects, including being responsible for managing the City's survey staff responsible for plat reviews; as well as being the project manager for previous Hegener Dr. phases (Tradition Commerce Park Loop Rd and Hegener Dr Ph I projects). Additionally, Colt was responsible for preparing and the successful adoption of the City's first Engineering Standards for Land Development; which will govern the design aspects of the Hegener Dr. project***

***GEP understands that of significant importance to a successful Hegener Dr. Ph III Extension; is the plat preparation. As the plat and construction plans need to be consistent between the documents; and construction of the proposed roadway improvements cannot proceed until the plat has been approved by the City. GEP***

would recommend preparation of both the plat and construction documents concurrently, to accelerate the project and ensure the City's desired goals and deadlines are met.

*Also, this project will need additional professional services such as survey, environmental, and geotechnical engineering. In which GEP has put together an experienced team, with past successful history of working together, that will address these needs timely and efficiently.*

*Lastly, this team besides just Colt, has first-hand knowledge and experience with previous phases of the Hegener Dr. project and/or other projects in the Southern Grove area; this first-hand experience will provide the foundation for a successful Hegener Dr. Extension Ph II project that we feel is second to none.*

*For additional information, please refer to the attached Project Delivery System, on how GEP will be the best firm to successfully design the Hegener Dr. Ph III Extension project on time and within budget.*

9. Value-added services. This term is used for non-core services, or, all services beyond the identified scope. Does the firm recommend any optional value-added services?

*GEP's efficient management and commitment to meeting project schedules and understanding of permit expectations; as identified in the attached Project Delivery System, and Executive Summary. The personal knowledge and experience of previous Hegener Dr. projects and of the Southern Grove Area will make this team deliver a successful project. Additionally, GEP strives on modifying our work approach to suit the specific client and project needs. The consistent communication and ease of access to GEP staff are critical to a successful project, and we are willing to schedule coordination meetings as frequently as needed to ensure an accelerated project meets the goals of the City.*

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."

*Please refer to Project Delivery System and proposed Project Schedule. Additionally, during the negotiation phase and project kick-off meeting this project schedule will be refined to ensure the project goals and deadlines are met.*

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.

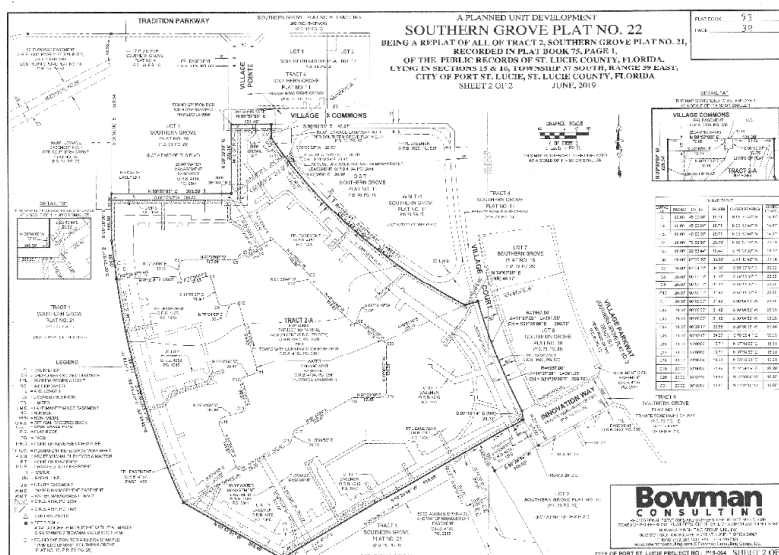
**Please refer to attached GEP Brochure, ADS HP Storm Pipe, and the Project Delivery System document for other materials that may assist the City in selecting GEP.**

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.

**An engineer's main toolbox is directly related to previous projects and observations. Our team benefits from a combination of extensive local backgrounds and diversified experience stemming from projects located around the country. We utilize this background in our approach to every project we take on. Seeing how projects are designed in other areas of the country is a valuable way to bring innovation to the local area. We are also not afraid to approach projects that are not in our typical areas of routine practice, while leaning on experts, as needed, to ensure a proper design is achieved. Even determining means of innovatively designing a project to save money during construction can be the difference between project success and failure. The most important thing for any design is that the project is delivered on time and under budget, and that the end user is impressed by the aesthetics and functionality of the design. One aspect that GEP would be recommending and looking at for the**

13. Plat Preparation. 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 access through the proposed roadways. Please describe your firms experience with plat preparation and provide examples.

**GEP is well experienced in plat preparations, both in the preparation of proposed plats and in reviewing proposed plats. GEP is supported by Bowman Consulting as the project's surveying consultant, who has significant experience in the Southern Grove area. Leo Giangrande and Colt Schwerdt have extensive experience in administering plats through our city employment at the City of Palm Gardens and City of Port St Lucie respectively. Bowman Consulting also has extensive experience in platting properties in Southern Groves which includes Plat No. 12, Plat No. 19, Plat No. 21 and Plat No.22 Springs at Tradition.**

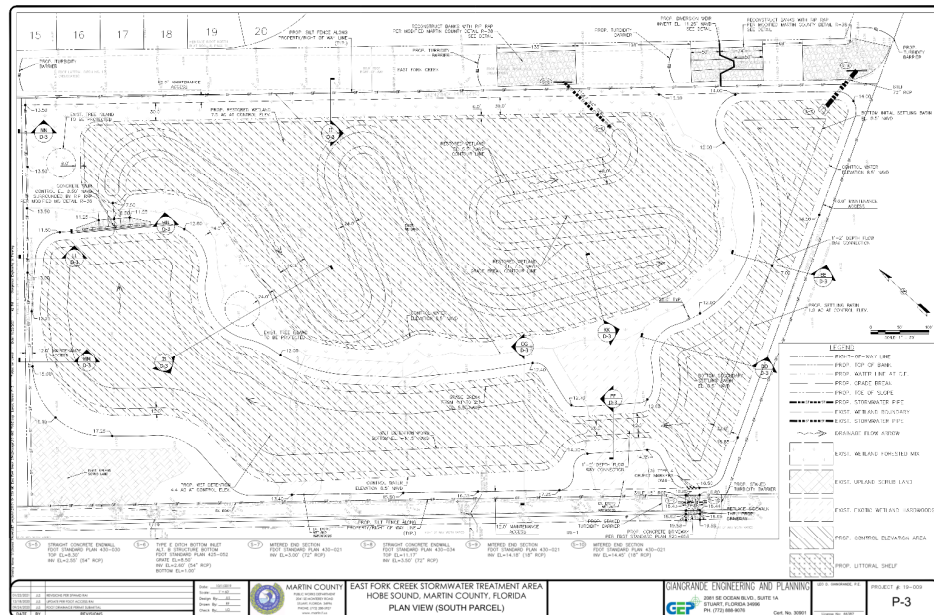


The importance of plat preparation is equally as important as the preparation of construction plans. As the plat and construction plans need to be consistent between the documents; and construction of the proposed roadway improvements cannot proceed until the plat has been approved by the City. GEP would recommend preparation of both the plat and construction documents concurrently, to accelerate the project and ensure the City's desired goals and deadlines are met.

*As previously mentioned, Colt Schwerdt, P.E. will be the project manager for this project, which is of significance as his previous role of Deputy Public Works Director for the City of Port St. Lucie highlights the personal experience and knowledge the GEP teams brings to the Hegener Dr Ph III project. As the previous Deputy Director, Colt was responsible for overseeing all Land Development for Public Works in regarding to review and permitting projects, including being responsible for managing the City's survey staff responsible for plat reviews. Additionally, Colt was the project manager for previous Hegener Dr. phases (Tradition Commerce Park Loop Rd and Hegener Dr Ph I projects), which also required platting.*

GEP is supported by EW consultants as the project's surveying consultant, who has significant experience in the Southern Grove area. This team has recently completed several projects that required Army Corps of Engineers (ACOE) permits due to wetlands impacts. The Ripple Eco-art project is provided as project #7 in section IG. We also teamed to construct the East Fork STA project. This project required South Florida Water Management District (SFWMD) Environmental Resource Permit and Army Corps of Engineers Permit; where this project improved water quality by enhancing several properties ditches and culverts. Additional, meetings with the local civic associations as well as state and federal permitting where also held to better facilitate and get community buy in for the project. Below are some exhibits from previous projects with wetland impacts and considerations. Additionally, please refer to Project Delivery System for additional information.

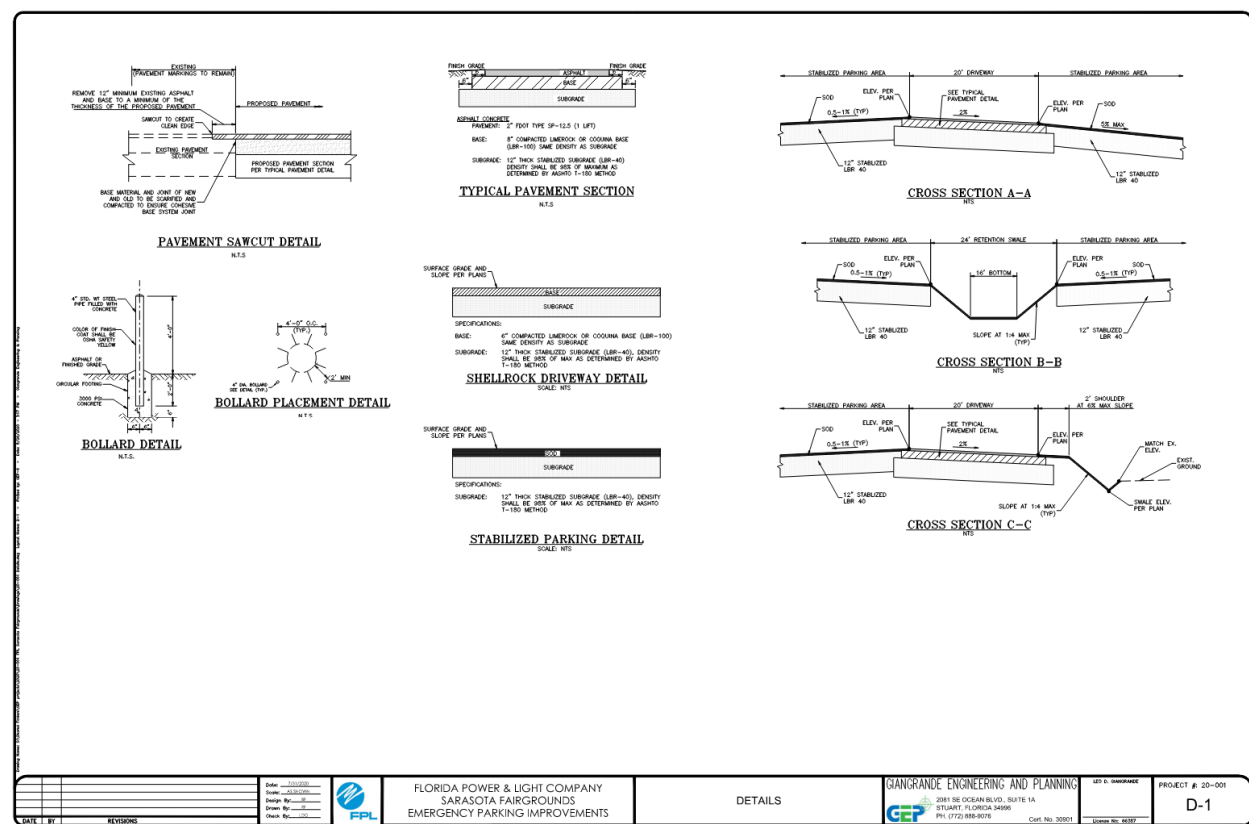
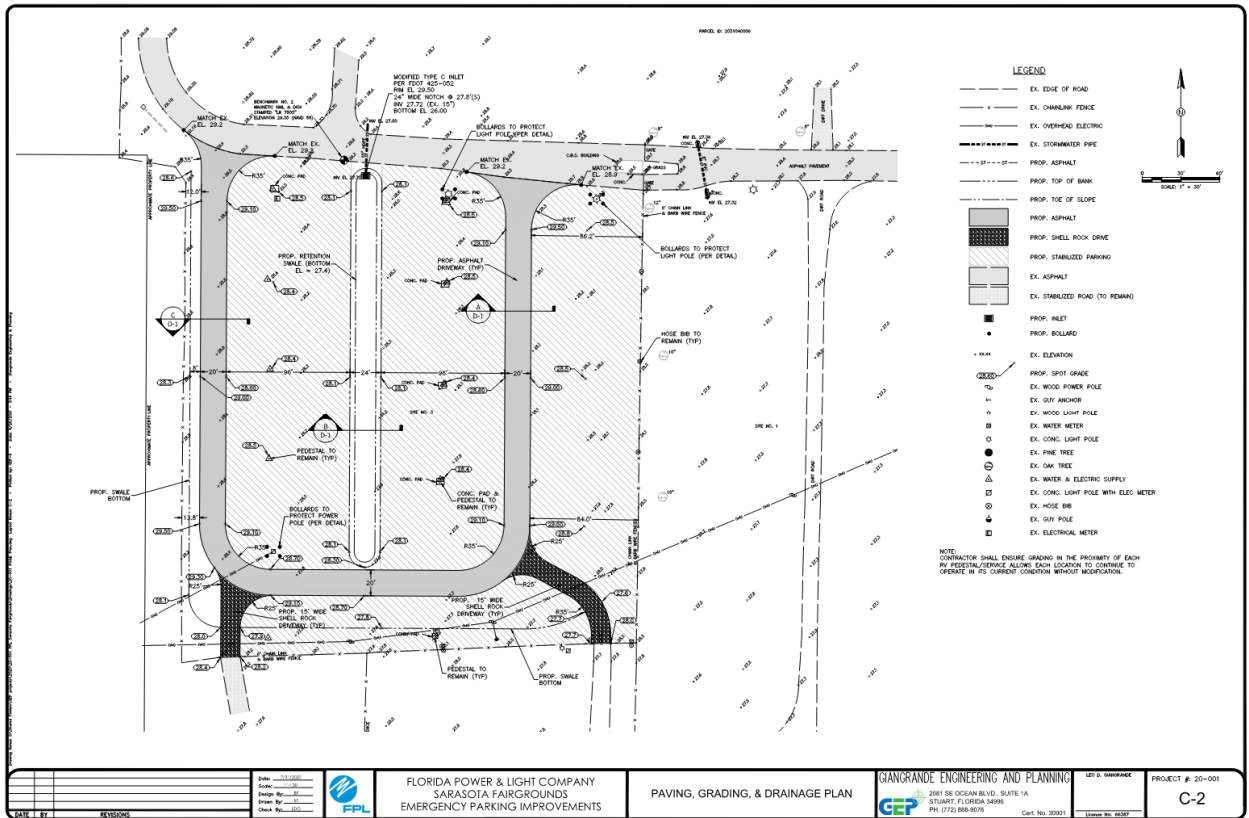




14. Roadway Design and Soil Conditions. The proposed roadways are located in the Southern Grove area of the City that is known to have soils that contain organics and can present challenges during construction. What design considerations could be considered to aid in the construction of this roadway extension.

**GEP is well versed in site/roadway design in challenging soil conditions. GEP recently completed the design and construction for site improvements that FPL will utilize during emergency conditions. The projects included typically poor soils that required a geomat to stabilize the site rather than removing a greater depth of organics. The sites were large expanses of asphalt and stormwater system. GEP is supported by Anderson Andre Consulting Engineers (AACE). AACE is currently services the City with a continuing services contract, has experience in the Southern Grove area for previous City and private development projects, additional AACE experience with City projects includes Floresta Drive Phase II, Village Parkway Phase I & II, and Crosstown Parkway. This geotechnical experience with the project area, as well as Colt's personal knowledge and experience on previous Hegener Dr. projects will be invaluable to the success of Hegener Dr. Phase III. Additionally, as the local experience plays a crucial role when dealing with these soils, the selection of an experience contractor plays a significant factor in dealing with these soils. GEP and the project team will be willing to help the City in selecting a qualified contractor that has successfully handling these soils and similar soils.**

**Please see below for some exhibits from previous roadway projects with adverse soil conditions. Additionally, please refer to attached Project Delivery System for additional information**



15. 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?

**GEP's projects regularly include FPL coordination, and GEP has a continuing service contract with FPL that has fostered great working relationships that could be utilized for this project. Coordination ranges from simple service drops, pole relocations, conduit layouts and lighting. GEP has designed and overseen the construction of several FPL projects, municipality and private development projects that require FPL coordination; such as the Phipps Park and Causeway Cove Ft Pierce. This project included the creation of RV lots, which require close coordination with the FPL representative that designs the layout utilizing the GEP base provided to FPL. GEP takes a holistic approach to project management. Our designs are developed once we have contacted all potential stakeholders. With that being said the conduit layout is very much a common-sense task and a well thought out component by the City for this project. Conduit design is supposed to consider future needs, and typically, a good decision to install blank conduits at intersections. This minimizes the construction costs should an additional utility be required to install in the area. We do this task very well.**



# SOUTH FLORIDA WATER MANAGEMENT DISTRICT

November 1, 2021

GIANGRANDE ENGRG & PLANNING LLC  
2081 SE OCEAN BLVD STE 1A  
STUART, FL 34996

Dear Small Business Owner:

Your status as a Small Business Enterprise (SBE) with the South Florida Water Management District (SFWMD) will expire on

11/20/2021

It is time to renew your SBE Certification! Please do not let this date pass without taking action to ensure your company remains part of our network of enterprises. The business needs of the District are always changing, and it is important we have your current information.

Recertification is simple and fast! In order to be recertified, the applicant business must demonstrate that the previous three-year average gross receipt of the business, together with its affiliates, does not exceed \$13 Million for construction, \$5 Million for commodities or \$6 Million for services; and the applicant business must be licensed to do business in the State of Florida.

To recertify as an SBE and make your certification work for you complete the Recertification Application and mail, along with all required support documentation to:

**South Florida Water Management District  
Small Business Section  
PO Box 24680  
West Palm Beach, FL 33416-4690**

SBE Recertification applications can be obtained by visiting our website at [www.sfwmd.gov](http://www.sfwmd.gov)  
select the 'Doing Business with us' tab found at the top of the page  
select Procurement from the drop down menu  
scroll down to the Small Business Enterprise (SBE) text  
continue to scroll down to find the recertification application.

The District may be looking for what your company offers. To find out what the District is currently working on, and what work is anticipated and coming up, please visit [www.sfwmd.gov](http://www.sfwmd.gov)  
select the 'Doing Business with us' tab found at the top of the page  
select Procurement from the drop down menu  
select the Current Solicitation/Contract Opportunities Calendar link located in the body of the text.

If you have any questions, please contact the SBE Section at 561-682-6446.

Sincerely,

A handwritten signature in blue ink that reads "J. Dollar".

Jennifer Dollar for Joni Lynn Fox  
Sr. Contract Compliance Specialist  
Procurement Bureau

## Leo Giangrande

---

**From:** Fletcher, Austin <Austin.Fletcher@dot.state.fl.us>  
**Sent:** Thursday, July 22, 2021 9:43 AM  
**To:** Leo Giangrande; Walls, Kelly; Maria DellaGuardia  
**Subject:** RE: Giangrande Engineering and Planning FDOT SBE

Thank you for your submittal. Your firm has been updated in our small business database. This certification is good for one year or until such time as your firm exceeds the small business threshold, whichever is earlier. You will be notified 30 days in advance of your expiration date next year to renew your certification.

By submittal of the Affidavit certification, you are affirming that your firm meets the definition for a small business, pursuant to s. 337.027, F.S. The term "small business" means a business with yearly average gross receipts of less than \$6.5 million for professional services and nonprofessional services firms. A firm's average gross receipts are determined by averaging its annual gross receipts over the prior 3 years, including the receipts of any affiliate as defined in s. 337.165, F.S. As referenced in the Affidavit, it is the responsibility of the owner/authorized representative to inform the Department within 30 days of any change in that would affect your small business eligibility, including average gross receipts over the prior three years exceeding the small business size threshold. Changes that would affect eligibility should be communicated to [smallbusiness@dot.state.fl.us](mailto:smallbusiness@dot.state.fl.us). This certification is good for one year or until such time as your firm exceeds the small business threshold, whichever is earlier. To ensure regulatory compliance and accountability for the Business Development Initiative program, firms agree to furnish any pertinent information to verify the statements in the Small Business Affidavit Certification, upon request by the Department. If financial documents are not timely provided within 10 business days, or financial documents do not confirm small business eligibility, the Department reserves the right to rescind this small business certification. Small business certification may be rescinded immediately upon the determination that a firm is no longer eligible per the small business definition.

NOTE: We do not send certificates or letters for this self-certification.

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**From:** Leo Giangrande <leo@gep-llc.com>  
**Sent:** Wednesday, July 21, 2021 4:18 PM  
**To:** Walls, Kelly <Kelly.Walls@dot.state.fl.us>; Maria DellaGuardia <maria@gep-llc.com>  
**Cc:** Fletcher, Austin <Austin.Fletcher@dot.state.fl.us>  
**Subject:** RE: Giangrande Engineering and Planning FDOT SBE

Hello Kelly

Thank you so much for your help. see attached form for processing. How long does this typically take to issue? We are looking to include this in an RFQ submittal to Martin County

You are so helpful. Totally great. thank you

**Leo Giangrande, PE**  
Principal



*Florida Department of Transportation*

RON DESANTIS  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.  
SECRETARY

April 29, 2021

Leo Giangrande, Principal  
GIANGRANDE ENGINEERING & PLANNING, LLC  
2081 SE Ocean Boulevard, Suite 1A  
Stuart, Florida 34996

Dear Mr. Giangrande:

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

- Group 3 - Highway Design - Roadway
  - 3.1 - Minor Highway Design
- Group 6 - Traffic Engineering and Operations Studies
  - 6.1 - Traffic Engineering Studies
  - 6.2 - Traffic Signal Timing
- Group 7 - Traffic Operations Design
  - 7.1 - Signing, Pavement Marking and Channelization

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. Your firm may pursue projects in the referenced work types with fees estimated at less than \$500,000.00. This status shall be valid until April 29, 2022 for contracting purposes.

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

Sincerely,

A handwritten signature in blue ink that reads "Carliayn Kell". The signature is written in a cursive, flowing style.

Carliayn Kell  
Professional Services  
Qualification Administrator

CBHK/kw



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  <b>01</b>
---	---

21. TITLE AND LOCATION <i>(City and State)</i>  <b>West Livingston Street Extension Orlando, Florida</b>	22. YEAR COMPLETED <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">PROFESSIONAL SERVICES</td> <td style="width: 50%; padding: 5px;">CONSTRUCTION <i>(if applicable)</i></td> </tr> <tr> <td style="text-align: center; padding: 5px;">2014-2018</td> <td style="text-align: center; padding: 5px;">2017-2018</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>	2014-2018	2017-2018
PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>					
2014-2018	2017-2018					

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Orlando, Florida	Mr. Ronnie Proulx, Assistant Division Manager	407.246.3313

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

S&ME prepared roadway and streetscape design for the West Livingston Street Extension between the new Terry Avenue and Parramore Avenue (HUD grant-funded project). This section of roadway is an important link to connect the Historic Parramore neighborhood with the new Creative Village in Downtown Orlando. The street was designed as a complete street with bike lanes, landscaping, lighting, parallel parking, and pedestrian amenities (benches, bike racks, planters, etc.) and 10 ft. sidewalks with brick pavers. S&ME worked with SJRWMD and City staff in developing an innovative stormwater design for the project, utilizing proposed street tree wells to maximize exfiltration and provide additional water quality treatment before runoff discharged into the master system. The approach relieved nutrient loading from Lake Dot while avoiding taking up additional space from potential buildings and other underground infrastructure. The infrastructure/sidewalks, curb ramps, pedestrian signals and parking spaces were designed in accordance with the latest ADA requirements.



A new mast arm traffic signal was included in the design at the Parramore Avenue intersection. This project was coordinated with the Lynx Bus Rapid Transit project to create a connection, and the project is located in the middle of the new downtown University of Central Florida campus. The project was split, bid and built in two phases to accommodate an accelerated schedule to match the opening of a new elementary school adjacent to the project. The complete roadway project was substantially completed in June 2018.

S&ME Fee: \$225,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME S&ME, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Orlando, Florida	(3) ROLE Civil Engineering, Landscape Architecture

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

21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
<b>South Central Park and Streetscape Improvements</b> <b>Winter Haven, Florida</b>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
	2016-2018	2018

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Winter Haven, Florida	Mr. T. Michael Stavres, Assistant City Manager	863.291.5600

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

S&ME developed the master plan and associated landscape architecture construction documents for a multi-purpose civic park and adjacent streetscapes and trail in Downtown Winter Haven. The project is comprised of a full city block and includes two flexible plaza areas that alternately serve as parking during the day and a place for concerts and events during the evening and weekend hours. The project also incorporates a bikeway through the urban streetscape environment, an extension of Winter Haven's existing Chain of Lakes Trail. The trail currently begins north of the City at US 17 and with this addition, it is approximately 3.5 miles in length. When completed, the multi-purpose trail will be 9.3 miles when it terminates at the Chain of Lakes Complex. This segment of the trail incorporates trail edge features which include specialty accent lighting, trellised swings and gateway elements to indicate arrival into Downtown from the south. ***The project received the Project of the Year Award from the Florida Engineering Society, Ridge Chapter, 2019.***

S&ME Fee: \$35,000



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	S&ME, Inc.	Orlando, Florida	Landscape Architecture

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

21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
<b>Pilaklakah (PK) Avenue Streetscape Auburndale, Florida</b>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
	2014-2017	2018

<b>23. PROJECT OWNER'S INFORMATION</b>		
--	--	--

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Auburndale, Florida	Mr. Jeff Tillman, Assistant City Manager	863.965.5530

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>
--

S&ME provided master planning, conceptual streetscape design and landscape architectural construction documents for Auburndale's five-block Pilaklakah Avenue streetscape. The project fundamentally changed the corridor from a flood prone high-speed arterial into a safe, sustainable, multi-modal street. The project design included a lane reduction from four lanes to two lanes, a multipurpose trail, on-street parking, enhanced pedestrian safety measures and rain gardens along this 3,300-foot section of roadway that links residential neighborhoods to the City's historic downtown core. The project solved neighborhood flooding issues using multiple green infrastructure strategies including the use of permeable pavers in the parallel parking spaces, planted rain gardens, which pretreat and detain the water for infiltration, and the development of a new stormwater basin. The project was awarded \$1.3 million in cooperative funding by the Southwest Florida Water Management District. In addition to the enhanced environmental benefits of the project, the City has also seen increased investment from the private sector along the corridor and has experienced a noticeable reduction in vehicle speeds since the opening of the project. ***In 2019, this project received a Grand Award from the American Council of Engineering Companies of Florida and a Design Award from the American Society of Landscape Architects.***

S&ME Fee: \$55,000



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>		
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a.	(1) FIRM NAME S&ME, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Orlando, Florida	(3) ROLE Landscape Architecture
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<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER
	04

21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
<b>1st Street Complete Street and Streetscape Design Lake Wales, Florida</b>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
	2021-Ongoing	

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Lake Wales, Florida	Mr. Michael Manning, Management Analyst	863.678.4182 ext. 254

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

S&ME led the design and public involvement efforts for the City of Lake Wales's 1st Street Streetscape which functions as the main north/south connection from Downtown to the Northwest neighborhood. The Complete Street design features an off-street cycle track bike facility to the south and a multi-use trail to the north which will help improve the bicycle and pedestrian connectivity to and from Downtown. Broad sidewalks and planters to accommodate street trees and colorful plantings advance the Olmsted Brothers' vision of a "City within a Garden". Green infrastructure components of the design include the use of rain gardens and permeable pavers to aid in capturing stormwater and nutrients.

S&ME Fee: \$143,600



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	S&ME, Inc.	Orlando, Florida	Landscape Architecture

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER
	05

21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
SoDo Planning and Design Services Orlando, Florida	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
	2017-2020	

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Orlando, Florida	Mr. Martin Hudson, Project Manager	407.246.3242

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

Through our continuing services contract with the City of Orlando, S&ME was selected to assist with several planning and design projects in the SODO District of downtown Orlando.

**Complete Street Master Plan:** S&ME assisted in the development of conceptual plans for the key streets within the District to govern future street sections. We addressed the public realm design of the District corridors including street and crosswalk materials standards, street trees, street furniture, lighting, wayfinding, on-street parking, bike/pedway facilities, transit stops and opportunities for public art.

**Downtown South Development Standards:** the S&ME Team prepared form-based standards for development and redevelopment in the DSNID to implement the vision for the area: a vibrant redevelopment district to be realized by leveraging the economic forces of both the Orlando Health Medical Campus and proximity to Downtown as well as the accessibility provided by SunRail.

**O-Line Phase One:** S&ME is providing conceptual design for the pedestrian and bicycle multi-use trail facility that will parallel the CSX/SunRail corridor that runs from downtown Orlando south through the SoDo district tying into the Orlando Urban Trail Extension, the existing SunRail Station and the Historic AMTRAK station. The concept for the Orlando O-Line was born out of the desire to provide a 'green spine' through the District that would provide an oasis extending through this urban and industrial area of Orlando.

**Green Development Brochure:** S&ME provided a brochure and guide for 'green' development in the District that outlined various strategies for sustainable development such as permeable paving, bioretention systems (i.e., rain gardens and bioswales), and vegetated/green roofs.

**SODO District Utility Analysis and Development Brochure:** S&ME provided an analysis of the existing sanitary sewer and water utility infrastructure in the District with the goal of identifying areas of concern for future infrastructure improvements.

S&ME Fee: Various Projects (Approx. \$340,000 in total)



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME S&ME, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Orlando, Florida	(3) ROLE Planning, Landscape Architecture, Transportation & Civil Engineering
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**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	
<b>Carter H. Gresham, PLA</b>		<b>Landscape Architect</b>		a. TOTAL	b. WITH CURRENT FIRM
				7	2
15. FIRM NAME AND LOCATION <i>(City and State)</i>					
<b>S&amp;ME, Inc.   1615 Edgewater Drive, Suite 200, Orlando, FL 32804</b>					
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>			17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>		
Bachelor of Landscape Architecture, Virginia Polytechnic Institute & State University, 2016; International Exchange, University College of Dublin, 2014			Registered Landscape Architect: FL No. LA6667460; VA No. 0406002129		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards)</i>					

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	<b>Reunion Village Gateway Streetscape Kissimmee, Florida</b>	PROFESSIONAL SERVICES 2019 - 2021	CONSTRUCTION
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Landscape Architect for the streets and boulevards for Encore's commercial village of 5 outparcels, an Orlando Health medical campus, and entrance to their new residential community north of the village. The project features two entrances from CR 532 and landscaping in accordance with OUC powerline standards.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	<b>St. Andrews CRA Landscape Design Improvements Panama City, Florida</b>	PROFESSIONAL SERVICES 2020 - 2021	CONSTRUCTION
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Landscape Architect for Landscape Design Improvements for the St. Andrews Community Redevelopment Agency area. S&ME provided plans for Landscape design improvements at key gateways into the area and along main street corridors throughout the CRA area. Plans also identified layout and landscape improvements for City owned parking areas within the CRA area. As part of the planning and design process, S&ME conducted a two-day charrette with City staff and key stakeholders to evaluate site opportunities and constraints and to allow input during the early conceptual design phase.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	<b>King Street Complete Street Master Plan St. Augustine, Florida</b>	PROFESSIONAL SERVICES 2018 - 2019	CONSTRUCTION
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Landscape Architect for the complete street design of King Street in St. Augustine. S&ME has been hired by the City to analyze the existing conditions and develop concepts to build a better east-west connection through King Street to downtown area. During meetings with the city and the workshops, S&ME used 3D model fly-through to show the street conditions and 3D section graphics to show the proposed concepts.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	<b>1st Street Complete Street and Streetscape Design Lake Wales, Florida</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Landscape Architect for the design and public involvement of the City of Lake Wales's 1st Street Streetscape which functions as the main north/south connection from Downtown to the Northwest neighborhood. The Complete Street design features an off-street cycle track bike facility to the south and a multi-use trail to the north which will help improve the bicycle and pedestrian connectivity to and from Downtown. Green infrastructure components of the design include the use of rain gardens and permeable pavers to aid in capturing stormwater and nutrients.		
e.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	<b>Pinellas Park City Center Pinellas Park, Florida</b>	PROFESSIONAL SERVICES 2021 - Ongoing	CONSTRUCTION
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Assistant Project Manager for the City of Pinellas Park CRA's master planning of a new 55-acre city center, renovation of its 29-acre community park and a complete street design for 78th Avenue which links the two projects. The master planning effort is intended to incentivize private sector investment around the area, consolidate facilities, create a walkable community and enhance the community's amenities to its residents. The city center is designed to provide a dense integration of government uses which include a new city hall and fire/police operations center; and residential, retail/restaurant and recreational facilities for the community. The community park also features private sector investment along with a mix of active and passive recreational uses with an expansion of the City's performing arts center.		



## PE Registered States

- Florida
- North Carolina
- Illinois
- Missouri
- Nebraska
- Kentucky



### GEP Team Advantages

GEP provides large corporate experience with small firm relationships. Our extensive experience in a wide range of engineering provides the foundation for our expert witness services.

GEP provides engineering services in the areas of:

- Stormwater Analysis and Modeling
- Roadway & Traffic
- Planning & PD&E
- Stormwater Management
- Canal Stabilization
- Community Development District (CDD) Engineer
- Parks & Recreation
- Site Planning
- Marina and Dock Design
- Signal Design

In addition, GEP has the support of experienced professionals throughout the Country.

*GEP utilizes independent professional peer review for Quality Assurance and Quality Control (QA/QC).*

GEP has an excellent record of meeting project budgets and schedules.

### About GEP

Established in 2014 as a small engineering consulting firm that provides extensive experience in large project planning and design. GEP was developed by a team of professionals with a long successful history together. Clients have ranged from small local family clients to Federal design for the National Parks Service and Military Bases.

GEP has established relationships developed through by past successful projects. A critical focus of GEP is assembling the proper team for a project. There are many components from planning to construction that require the services of professionals with similar project experience.

### Project Experience

- Ripple Water Quality Project-Martin County
- Gomez Neighborhood Improvement Project
- Florida Power & Light Martin Solar Plant
- CEI Services NW 12 Avenue, Boca Raton
- City of West Palm Beach, Lakewood & Edmor Roadway and Utility Project
- Palm Beach County Phil Foster Park
- Palm Beach County Jupiter Farms Equestrian Center
- City of Doral Canal Stabilization Program
- Stuart Jet Center Master Plan
- Hamal Community District Engineer

### GEP Philosophy for Project Delivery

Provide quality technical professional services with a constant focus on project goals and Client needs. Project initiation is critical to identifying the expectations and needs for the project. The overall philosophy of GEP Project Management is to keep things simple with well defined tasks.



# HP Storm Pipe 12"–60"



THE MOST **ADVANCED** NAME IN WATER MANAGEMENT SOLUTIONS™





# HP STORM PIPE 12”–60” FOR STORM APPLICATIONS

## Overview

An addition to our proven line of pipe products, HP Storm is a high-performance polypropylene (PP) pipe for gravity-flow storm drainage applications. HP Storm is the perfect choice when premium joint performance and/or greater pipe stiffness is required. HP Storm couples advanced polypropylene resin technology with a proven, dual-wall profile design for superior performance and durability.

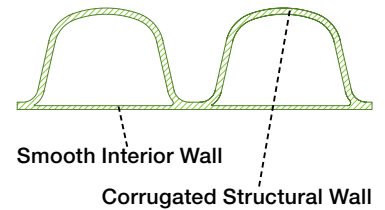
Specify HP Storm with confidence based on national standards and approvals. This innovative product meets or exceeds ASTM F2881 and AASHTO M330. From a federal perspective, polypropylene pipe is approved for use by the Army Corps of Engineers for storm drainage applications under Section 33 40 00 (Unified Facilities Guide Specifications). The Federal Aviation Authority (FAA) permits polypropylene pipe under airfield pavements per Item D-701, Pipe for Storm Drains and Culverts in AC 150/5370-10G (Standards for Specifying Construction of Airports). Additionally, the American Railway Engineering and Maintenance-of-Way Association (AREMA) approves polypropylene pipe in storm drainage applications under railroads.

## Advanced Dual Wall Profile Construction

12”-60” (300 - 1500 mm) diameter HP Storm pipe utilizes an enhanced dual wall construction, providing increased pipe stiffness. The additional stiffness and beam strength enhances jobsite performance in stringent line and grade requirements. The pipe profile is completed with a smooth interior which provides additional strength and excellent flow characteristics.

## Superior Polypropylene Material

Made from an engineered impact modified co-polymer compound, the superior strength and material properties of polypropylene offer robust pipe stiffness, excellent handling characteristics, and long service life when compared to traditional storm sewer products. It is highly resistant to chemical attack and is unaffected by soils or effluents with PH ranges 1.5 to 14. The unique light grey resin color provides immediate jobsite recognition as well as improving the pipe’s interior visibility during post-installation inspection.



Interior View



Polypropylene Resin

## Superior Joint Performance

HP Storm pipe has an extended bell that adds an additional factor of safety within each joint. The joint performance meets or exceeds the 10.8 psi laboratory performance standards per ASTM D3212 requirements. Third party certification of joint performance is available upon request.

In the field, each section of HP Storm may be tested by a low pressure air test, according to ASTM F1417, which is a commonly used standard and specifies that 3.5 psi air pressure be held for a specified length of time based upon pipe diameter and length of run.

Where an infiltration/exfiltration test is preferred, ASTM F2487 specifies a simplistic method of verifying proper joint performance.

## Fittings

Both standard and custom fittings are available for the HP Storm product line. A complete line of standard Nyloplast PVC molded fittings are available in the 12”–30” (300-750mm) mainline sizes. Standard branch laterals are designed to accept SDR-35 or SDR-26 pipe.

## Diameter Range

HP Storm is currently manufactured in the 12”–60” (300-1500mm) size range and in 20-foot (6m) lengths. The 20-foot (6m) lengths aid in speed of installation and reduce the total number of joints.



Extended Bell



Fabricated Wye Fitting

DIAMETER	PROFILE TYPE	LENGTH	INSIDE DIAMETER	OUTSIDE DIAMETER	TRUCKLOAD FOOTAGE
12 in. (300 mm)	Dual Wall	20 ft. (6 m)	12.2 in. (310 mm)	14.5 in. (368 mm)	2400 ft. (731.5 m)
15 in. (375 mm)	Dual Wall	20 ft. (6 m)	15.1 in. (384 mm)	17.7 in. (450 mm)	1600 ft. (487.7 m)
18 in. (450 mm)	Dual Wall	20 ft. (6 m)	18.2 in. (462 mm)	21.4 in. (544 mm)	1120 ft. (341.4 m)
24 in. (600 mm)	Dual Wall	20 ft. (6 m)	24.1 in. (612 mm)	28.0 in. (711 mm)	600 ft. (182.9 m)
30 in. (750 mm)	Dual Wall	20 ft. (6 m)	30.2 in. (767 mm)	35.5 in. (902 mm)	360 ft. (109.7 m)
36 in. (900 mm)	Dual Wall	20 ft. (6 m)	36.0 in. (914 mm)	41.5 in. (1054 mm)	240 ft. (73.2 m)
42 in. (1050 mm)	Dual Wall	20 ft. (6 m)	42.0 in. (1067 mm)	47.4 in. (1204 mm)	160 ft. (48.8 m)
48 in. (1200 mm)	Dual Wall	20 ft. (6 m)	47.9 in. (1217 mm)	54.1 in. (1374 mm)	120 ft. (36.6 m)
60 in. (1500 mm)	Dual Wall	20 ft. (6 m)	59.9 in. (1521 mm)	67.1 in. (1704 mm)	80 ft. (24.4 m)



Fittings Available in PVC or PP

## Tap Connections

A standard tapping product, such as INSERTA TEE®, is compatible with HP Storm.

## Repair Couplers

Depending on local requirements, ADS offers a full range of repair coupling options. For soil-tight performance, split couplers and Mar Mac® repair bands are offered. Testable repair couplers are also available, which include stainless steel restraint bands and Nyloplast® PVC repair sleeves.

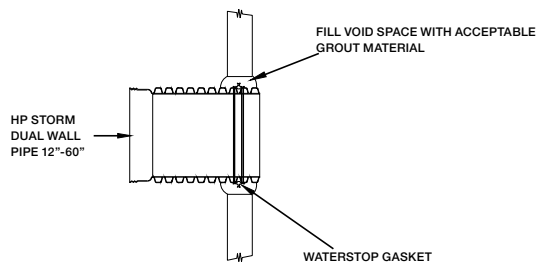
## 12"–60" Structure Connections

Storm sewer structure connection requirements vary greatly by region. For soil-tight performance, HP Storm exterior corrugations provide an effective profile for grouted connections. For watertight performance, ADS offers a wide selection of connection options utilizing some of the most widely used manhole connectors on the market today from companies such as A-Lok®, Trelleborg® and Press Seal® Gasket Corporation.

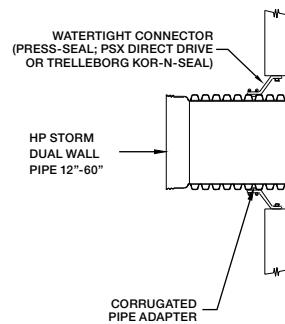


Typical INSERTA TEE Tap

### Grouted Waterstop Manhole Connection

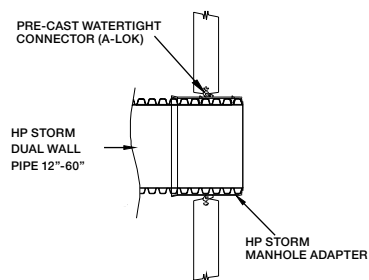


### Flexible Boot Connection

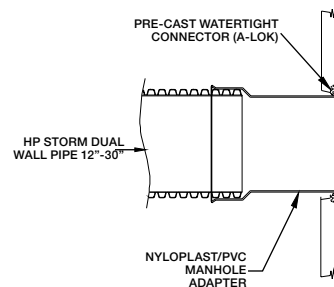


Repair Coupler

### Pre-Cast Compression Gasket Connection



### Pre-Cast Compression Gasket Connection



Manole Compression Gasket Connection with Corrugated Pipe Adapter

## ADS HP STORM 12”–60” PIPE SPECIFICATION

### SCOPE

This specification describes 12– through 60–inch (300 to 1500 mm) ADS HP Storm pipe for use in gravity-flow storm drainage applications.

### PIPE REQUIREMENTS

- 12– through 60–inch (300 to 1500 mm) pipe shall have a smooth interior and annular exterior corrugations and meet or exceed ASTM F2881 and AASHTO M330.
- Manning’s “n” value for use in design shall be 0.012.

### JOINT PERFORMANCE

Pipe shall be joined with a gasketed integral bell & spigot joint meeting the requirements of ASTM F2881.

12– through 60–inch (300 to 1500 mm) shall be watertight according to the requirements of ASTM D3212. Spigots shall have gaskets meeting the requirements of ASTM F477. Gasket shall be installed by the pipe manufacturer and covered with a removable, protective wrap to ensure the gasket is free from debris. A joint lubricant available from the manufacturer shall be used on the gasket and bell during joint assembly.

12- through 60-inch (300 to 1500 mm) diameters shall have an exterior bell wrap installed by the manufacturer.

### FITTINGS

Fittings shall conform to ASTM F2881 and AASHTO M330. Bell and spigot connections shall utilize a spun–on, welded or integral bell and spigots with gaskets meeting ASTM F477. Bell & spigot fittings joint shall meet the watertight joint performance requirements of ASTM D3212. Corrugated couplings shall be split collar, engaging at least 2 full corrugations.

### FIELD PIPE AND JOINT PERFORMANCE

To assure watertightness, field performance verification may be accomplished by testing in accordance with ASTM F1417 or F2487. Appropriate safety precautions must be used when field testing any pipe material. Contact the manufacturer for recommended leakage rates.

### MATERIAL PROPERTIES

Polypropylene compound for pipe and fitting production shall be impact modified copolymer meeting the material requirements of ASTM F2881, Section 5 and AASHTO M330, Section 6.1.

### INSTALLATION

Installation shall be in accordance with ASTM D2321 and ADS recommended installation guidelines, with the exception that minimum cover in traffic areas for 12– through 48–inch (300 to 1200 mm) diameters shall be one foot (0.3 m) and for 60–inch (1500 mm) diameters, the minimum cover shall be 2 feet (0.6 m) in single run applications. Backfill for minimum cover situations shall consist of Class 1, Class 2 (minimum 90% SPD) or Class 3 (minimum 95%) material. Maximum fill heights depend on embedment material and compaction level; please refer to Technical Note 2.04. Contact your local ADS representative or visit our website at [www.ads-pipe.com](http://www.ads-pipe.com) for a copy of the latest installation guidelines.

### PIPE DIMENSIONS

Nominal Diameter in. (mm)	12 (300)	15 (375)	18 (450)	24 (600)	30 (750)	36 (900)	42 (1050)	48 (1200)	60 (1500)
Average Pipe I.D. in. (mm)	12.2 (310)	15.1 (384)	18.2 (462)	24.1 (612)	30.2 (767)	36.0 (914)	42.0 (1067)	47.9 (1217)	59.9 (1521)
Average Pipe O.D. in. (mm)	14.5 (368)	17.7 (450)	21.4 (544)	28.0 (711)	35.5 (902)	41.5 (1054)	47.4 (1204)	54.1 (1374)	67.1 (1704)
Minimum Pipe Stiffness at 5% Deflection* #/in/in. (kN/m <sup>2</sup> )	75 (517)	60 (414)	56 (386)	50 (345)	46 (317)	40 (276)	35 (241)	35 (241)	30 (207)

\*Minimum pipe stiffness values listed; contact a representative for maximum values.



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## Detail by Entity Name

Florida Limited Liability Company  
GIANGRANDE ENGINEERING AND PLANNING, LLC

### Filing Information

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<b>FEI/EIN Number</b>	47-3738565
<b>Date Filed</b>	07/22/2014
<b>State</b>	FL
<b>Status</b>	ACTIVE

### Principal Address

2081 SE OCEAN BLVD,  
SUITE 1A  
STUART, FL 34996

Changed: 01/08/2018

### Mailing Address

2081 SE OCEAN BLVD,  
SUITE 1A  
STUART, FL 34996

Changed: 01/08/2018

**Registered Agent Name & Address**

GIANGRANDE, LEO  
4596 SE MURRAY COVE CIR  
Stuart, FL 34997

Address Changed: 02/18/2019

**Authorized Person(s) Detail**

**Name & Address**

Title MGR

Giangrande, Leo  
2081 SE Ocean Blvd. Suite 1A  
1A  
STUART, FL 34996

**Annual Reports**

<b>Report Year</b>	<b>Filed Date</b>
2019	02/18/2019
2020	06/08/2020
2021	04/06/2021

**Document Images**

<a href="#">04/06/2021 -- ANNUAL REPORT</a>	View image in PDF format
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