



City of Port St. Lucie
RFQu #20190074 Continuing Geotechnical Services
September 10, 2019



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TeamGFA.com



TAB A: ORGANIZATION



Continuing Geotechnical Services
RFQu #20190074

September 10, 2019



GFA International, Inc.

Florida's Leading Engineering Source

Environmental ♦ Geotechnical ♦ Construction Materials Testing ♦ Inspections ♦ Code Compliance ♦ Environmental Health & Safety

PORT ST. LUCIE
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Port St. Lucie, Florida 34986
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City of Port St. Lucie Procurement Management Department

121 SW Port St. Lucie Boulevard
3rd Floor, Suite 390, Building "A"
Port St. Lucie, FL 34984-5099

RE: Request for Qualifications RFQu #20190074 - Continuing Geotechnical Services (A-1: COVER LETTER)

Dear Selection Committee:

GFA International, Inc. (GFA) is pleased to submit this Request for Qualifications package to the City of Port St. Lucie for Continuing Geotechnical (GEO) Services for the City.

GFA is a premier provider of geotechnical engineering and construction materials testing across Florida. GFA operates from seven (7) offices strategically located to service our clients throughout Florida with more than 200 employees, 165 of which are dedicated to serving the Treasure Coast and South Florida regions. Our Port St. Lucie (PSL) office, is located about 8 miles door-to-door from your office to ours, is perfectly situated to service the city.

The GFA Project Team for this contract includes Florida-registered professional engineers and geologists' that are supported by staff engineers, a full-time drilling crew, and a staff of trained, experienced and certified field and laboratory technicians and inspectors. Our senior staff has 500+ years of combined geotechnical engineering, materials testing and inspection experience.

With state-of-the-art, calibrated and certified lab and field equipment, GFA maintains complete in-house laboratory facilities and equipment for the comprehensive field and laboratory testing and inspection of soils, rocks, aggregate, concrete, asphalt, steel and other specialty items. Our materials laboratories are accredited by the Construction Materials Engineering Council (CMEC), the FDOT and the U.S. Army Corps of Engineers (USACE), and undergo annual in-depth, third-party inspections/audits. GFA owns and operates one of the largest and most diverse fleets of drilling equipment in the state. Our equipment resources for drilling and tooling exceed that of many of our competitors. By owning, operating and maintaining our own equipment, GFA can deliver the highest quality product in a more cost-effective and timely manner by eliminating unnecessary subcontractor costs and delays.

With our extensive experience in the successful completion of these types of projects, familiarity with the City staff and process, and local resources and equipment, GFA has a unique understanding of the standards, procedures, level of response and budget demands that are required by the City of Port St. Lucie for this contract. We offer the project management skills, technical expertise, relevant project experience, manpower, and equipment resources necessary to provide the City with the most responsive and quality engineering services available.

Mr. Thomas Montano, PE, will serve as the Contract/Project Manager and will be the single point of contact for this contract. He is currently Branch Manager of our Port St. Lucie office. Tom will be immediately available to City staff for efficient communication and to respond quickly to project changes and emergencies. With over 10 years of experience, he is well qualified to manage this contract as he has worked closely with the city on past successful projects. He has also served in similar roles for other comparable continuing contracts we hold with local public entities (i.e. St. Lucie County, St. Lucie Public Schools, Indian River County, Martin County, The Town of Jupiter, Loxahatchee River District, etc.).

Our team is ready to serve as an extension of your staff, and we will represent the City of Port St. Lucie in the best possible way. GFA appreciates the opportunity to be of service to the City in support of the contract and we look forward to your favorable reply. Thank you in advance for your consideration.

From our Team to Yours,

GFA International, Inc.



Frederick G. Kaub, P.G., L.A.C.
President



Thomas Montano, P.E.
Branch Manager



Electronic Proposal #20190074
Request for Qualifications for Continuing Geotechnical Services

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A-3: EXECUTIVE SUMMARY

GFA International, Inc. (GFA) is a full-service Engineering consulting organization providing Environmental Consulting, Geotechnical Engineering, Construction Materials Testing, Inspections, Code Compliance, and Industrial Hygiene and Health & Safety services for a wide array of markets, clients and projects.

Founded in 1988, GFA is a privately held Florida S Corporation that has grown from 6 employees in 1988 to over 200 employees today. Our dynamic and experienced team is comprised of registered professional engineers and geologists', project engineers', certified industrial hygienists', environmental scientists; multi-discipline building code inspectors and plans examiners; as well as certified field and laboratory engineering technicians and support staff. Our senior staff has 500+ years of combined geotechnical engineering, materials testing and inspection experience.

GFA operates from 7 offices strategically located to service our clients throughout the State of Florida. With state-of-the-art, calibrated and certified lab and field equipment, GFA maintains complete in-house laboratory facilities and equipment for the comprehensive field and laboratory testing and inspection of soils, rocks, aggregate, concrete, asphalt, steel and other specialty items. Our materials laboratories are accredited by the Construction Materials Engineering Council (CMEC), the FDOT and the U.S. Army Corps of Engineers (USACE), and undergo annual in-depth, third-party inspections/audits.

Supported by fully-trained technicians and advanced equipment, GFA's experienced team work to provide innovative, practical solutions to site specific problems. If a project requires it, GFA uses computer design programs to engineer pile capacities, estimate foundation settlement and to portray sub-surface soil conditions. We fully own and maintain a modern fleet of drilling equipment and service vehicles including late model track and rubber tire type drill rigs capable of performing wire line coring and SPT testing to quickly respond to requests for subsurface soil sampling and installation of wells. GFA can reach sites close by or sites that are considered inaccessible. We have completed drilling operations in the most pristine areas of the Everglades where no drilling equipment has ever been. This project was completed for the South Florida Water Management District under budget, on time, and with a minimal impact on the sensitive environment.

By way of introduction to our capabilities and qualifications, we draw your attention to the following advantages which differentiate GFA from many of our competitors:



Our Qualifications

- ◆ Licensed Florida Geology Business (GB #118)
- ◆ Licensed Florida Engineering Business (CA #4930)
- ◆ Licensed Florida Asbestos Consulting Business (ZA404)
- ◆ Licensed Florida Asbestos Training Course Provider (PVD107)
- ◆ Licensed Florida Radon Measurement Business (Certification No. RB2617)
- ◆ US Army Corps of Engineers Validated Testing Laboratories
- ◆ Construction Materials Engineering Council (CMEC) Certified Laboratories
- ◆ FDOT Qualified Testing Laboratories - Work Groups: 9.1, 9.2, 9.3, 9.4, 9.4.1, 9.5, 10.1 and 10.3
- ◆ Multiple Special Inspectors for Threshold Buildings - Lead Special Inspector with over 34 years of experience
- ◆ Fully owned and maintained fleet of drill rigs
- ◆ Certified Federal Small Business – NAICS Codes
 - 541330 Engineering Services
 - 541350 Building Inspection Services
 - 541380 Testing Laboratories
 - 541620 Environmental Consulting Services
 - 541990 All Other Professional and Technical Services
 - 562112 Hazardous Waste Collection
 - 562910 Remediation Services
 - 237110 Water/Sewer Line & Related Structures Construction
 - 237990 Other Heavy and Civil Engineering Construction
 - 236220 Commercial & Institutional Building Construction

OUR COMPETITIVE ADVANTAGES

- ◆ Exemplary record on municipal, public and private projects over last 30 years
- ◆ Longevity & trust ~ same ownership & key management since 1988
- ◆ Local office with knowledge of geologic conditions in St. Lucie County
- ◆ LIMS Entry, Density Log Books, Paving Reports and Training Experience
- ◆ All GFA drill rigs are equipped with auto hammers as required by the FDOT
- ◆ Investment of over \$2M in new geotechnical equipment in last 18 months
- ◆ Services completed on over 200 projects with construction costs over \$200M
- ◆ Professional services provided on NBA, NFL, NHL and MLB facilities in Florida
- ◆ Professional services provided on over 1,000 K-12, college and university projects
- ◆ 2010 South Florida Business Journal "CEO of the Year" award; Frank Frione, CEO
- ◆ 2012 Business Leader Magazine "Top 50 Entrepreneurs" award; Fred Kaub, President
- ◆ 2017 & 2018 & 2019 Gulfshore Business Magazine "Best Engineering Firm"
- ◆ 2018 & 2019 Sun Sentinel "Top Workplace"

UNDERSTANDING OF THE WORKING RELATIONSHIP REQUIRED FOR THIS PROJECT

Communication Methods & Procedures

It will be its responsibility of the GFA Contract Manager, Thomas Montano, P.E., to interact with the City of Port St. Lucie and the assigned project team to determine how the needs of the project will be best served on an item-by-item basis. Once awarded the project, GFA's management team will meet with City of Port St. Lucie representatives to identify cost estimates for project scope. Recommendations will be to manage cost before the work has begun, and once cost issues have been resolved, GFA will commence work. Work assignments will be delegated to the appropriate Senior and Staff professionals within our organization for execution.

At that time, project milestone dates will be established, and the quality assurance project plan will be implemented. A project information sheet will then be processed within the GFA office to specify what the job consists of and what distribution will be required for reporting. As field work is completed, a dedicated staff professional will then proceed to produce reporting data and formalize the deliverable work products. Drafts of the deliverables will then be reviewed between the Senior Staff Professional and the Project Manager. A final deliverable work product will then be issued for the client use. If required, draft reports can be reviewed by the City of Port St. Lucie for any additional comments prior to the final deliverables.

Key personnel within the company will remain easily accessible at all times and the project representatives will be well informed of the status of ongoing progress. During field activities, Senior and Staff Professionals will be performing regular site visits to verify the continuity of the work plan. If the work plan needs modification based on project specific conditions, adjustments can be made. The client will be notified in each case prior to the implementation of additional or alternative services. Our technical crews are available on a 24-hour basis if required GFA will provide the City with a telephone number for 24-hour service. We understand that at certain times (i.e., nights, holidays and weekends), our services may be needed, so as not to disrupt City of Port St. Lucie functions, we will be fully prepared to respond. It is typical to be servicing projects around the clock, whether it is scheduled work or emergency in nature.

GFA Port St. Lucie Branch	
Professional Engineers	4
Engineering Interns	2
Professional Geologists	2
Project Managers	3
Materials Testing Technicians	14
Geotechnical Drillers	5
Environmental Scientists	1
Field Inspectors	21
Administrative staff	8

It is our mission to communicate with the City of Port St. Lucie before and during the work to come to mutually agreeable terms. We intend to provide the City with a level of comfort knowing that GFA views cost management as a critical concern. It is GFA's obligation to be cost conscious in our attempt to ensure that all of the City of Port St. Lucie's needs are met. We are responsive to the needs of our clients without compromising the integrity of the work and have developed an effective policy in partnering with our clients throughout the term of our contracts. During the duration of the contract, GFA will continuously communicate potential areas for improvement with the City's team members.

It is GFA's obligation to be cost conscious in our attempt to ensure that all of the City of Port St. Lucie's needs are met. We are responsive to the needs of our clients without compromising the integrity of the work and have developed an effective policy in partnering with our clients throughout the term of our contracts. During the duration of the contract, GFA will continuously communicate potential areas for improvement with the City's team members.

GFA maintains full management control over the scheduling and quality of our work. Should a problem arise, we would urge your representative to contact our Senior Management and/or Principals for immediate resolution. Since inception, GFA has made a commitment to an open-door policy with all of our clients and team members and have found this to be a mutually beneficial approach.

GFA's Guiding Principals

Since GFA's inception, our emphasis has been to aggressively pursue the interests of our clients. We have established a reputation as a trusted partner in delivering solutions our clients can trust, added value through our innovative abilities, and exceptional service. Our success can be exhibited by our tenure with our clients, many of whom we have served for over 20 years.

GFA works diligently to ensure unparalleled customer service by understanding client objectives, remaining responsive and communicative, and recognizing the importance of deadlines. We deliver projects on time and within budget, and to the most stringent standards. We are the company to choose for performance, efficiency, reliability, cost effectiveness, and superior service.

Our mission is to provide the City of Port St. Lucie with cost-effective, efficient Geotechnical Testing services that ensure the standard of performance of our industry. Integrity is the keystone of our business relationship with all of our clients. Not only are our employees committed to fulfilling your needs, but also the hands on principle management team is readily available to be of service, anywhere at any time.

Our standard of performance is to provide the needed service correctly the first time. Our principals are very active and visible in the daily operations and project management. This hands on approach is what separates us from our competition.

A-4: QUALITY, EXPERIENCE, CAPABILITIES, RESOURCES AND KEY DIFFERENTIATORS



GFA International brings decades of experience providing expert geotechnical solutions to complex projects of all sizes, whether public or private. The technical expertise of our team, our specialized training, our fleet of equipment and wide scope of capabilities has assisted our clients in finding solutions to difficult and complex challenges on a variety of projects.

GFA's geotechnical engineers and geologists are skilled in defining and executing field exploration programs to provide cost-effective solutions to geotechnical challenges. Our goal is to provide practical design recommendations for safe and stable structures, and oftentimes we are able to recommend innovative options for your project. Our unique approach of field engineering reconnaissance and test drilling observation provides a high degree of confidence that subsurface anomalies are identified on the front end of a project. This gives our clients better preparation at the time of construction.

GFA owns and operates one of the largest and most diverse fleets of drilling equipment in the state. By owning, operating and maintaining our own equipment, we can deliver the highest quality product in a more cost-effective and timely manner by eliminating unnecessary subcontractor costs and delays. Our fleet includes track and truck-mounted equipment

and limited access rigs for tight spaces, low overhead conditions, and over-water work

allowing us to access almost any drill site. In addition to direct push and conventional drilling, GFA also offers Sonic drilling services. Sonic drilling is renowned for its high-quality samples, drilling speed, and capacity compared to rig weight, size and costs. Another advantage of Sonic drilling is that there are virtually no soil and water spoils that may otherwise need to be disposed of when drilling on environmentally impacted sites, thus saving thousands of dollars for our clients. Our drill crews are experienced in handling a wide range of geologic situations in a variety of settings; their drilling experience combined with state-of-the-art technological capabilities means we successfully complete jobs even under the most difficult drilling conditions.

Our geotechnical team is driven by the importance of on-time, quality reports that are reviewed by senior engineers and geologists to make certain that solid engineering and valued recommendations are provided to our customers.

GFA's Geotechnical Engineering

GFA's Geotechnical Engineering professionals utilize our own advanced geotechnical drilling equipment and a full support staff of highly skilled specialists and technicians. Incorporating the very latest design software to evaluate sites, we always provide innovative and practical recommendations.

GFA's Subsurface Exploration and Drilling

GFA owns and operates one of the largest and most diverse fleets of drilling equipment in the state. Our equipment resources for drilling and tooling exceed that of many of our competitors. By owning, operating and maintaining our own equipment, GFA can deliver the highest quality product in a more cost-effective and timely manner by eliminating unnecessary subcontractor costs and delays.

Our fleet includes track and truck-mounted equipment and limited access rigs for tight spaces, low overhead conditions, and over-water work allowing us to access almost any drill site. In addition to direct push and conventional drilling, GFA also offers Sonic drilling services. Our Geoprobe® 8150LS Sonic Drill Rig can be used for many purposes including sampling difficult formations 2 to 3 times faster than conventional systems.

We are experienced in split barrel sampling and rock coring and utilize standard penetration tests to collect data in order for our Professional Geologists and Soil Engineers to determine the nature of subsurface soils and general geomorphic conditions.

GFA's Construction Material Testing Services

GFA has over 30 years of experience providing Construction Materials Testing services for numerous municipal departments that manage transportation construction and infrastructure improvement projects. We understand the continuous need for field/lab efficiency as well as timely and accurate reporting.

GFA has extensive experience and a solid background providing Construction Materials Testing (CMT) Services to a large variety of clients, both public and private, including successful continuing service contracts with School Districts, Cities and Counties; as well as work with FDOT, SFWMD and the USACE. We offer accurate testing and quality control that successfully guides our clients through stringent project specifications, difficult construction schedules and complex government regulations.

Our state-of-the-art laboratories boast new and innovative test equipment and are Construction Materials Engineering Council (CMEC) Certified, US Army Corps of Engineers (USACE) Validated and Florida Department of Transportation (FDOT) Qualified. In accordance with our accreditations, we follow strict quality assurance guidelines for equipment usage and calibration utilizing a controlled Quality Assurance Program. Additionally, we can bring our services to remote sites with our fleet of self-sufficient mobile soils and concrete laboratories.

Our team of experienced well-trained field and laboratory engineering technicians are certified by the Florida Department of Transportation Construction Training Qualification Program (CTQP), and the American Concrete Institute (ACI) for earthwork, aggregates, asphalt, and concrete testing as well as drilled shaft and pile driving installation monitoring. Professional engineers supervise our technical staff to ensure the quality and performance of our construction materials testing services.

GFA understands the need for increased efficiency and provides accurate and reliable test results that our clients can count on. We utilize a cloud-based system to efficiently prepare, review, and electronically distribute test reports. GFA has the personnel, equipment, and systems in place to perform construction materials testing for projects of any size.



Key Staff Experience



Frederick G. Kaub, P.G., L.A.C., Professional Geologist, President, Principal in Charge

Mr. Kaub has over 32 years of experience as a Professional Geologist with GFA, serving projects throughout the State of Florida, including a numerous amount of College, University, and School projects. His extensive work has involved solving earth structure problems, conducting subsurface and subaqueous soil investigations, and other earth science problems through the application of sound theoretical concepts and a practical knowledge of materials and geological systems. Mr. Kaub serves as the President of GFA International, Inc and represents all five offices of GFA International, Inc.



Tom Montano, P.E., Branch Manager, Contract Manager

Mr. Montano has over eight years of experience in the construction industry. As GFA's Port St. Lucie Beach Branch Manager, Mr. Montano is responsible for overseeing his staff, as well as all the work that is performed from the branch office. He is involved in all aspects of the business including client relations, project management, scheduling, and training. Mr. Montano's project management experience includes educational facilities, industrial facilities, port, aviation, commercial facilities, multi-story condominiums, and infrastructure projects.



Paul H. Danforth, P.E., Regional Vice President

Paul H. Danforth, P.E., Regional Vice President and a Florida registered Professional Engineer, has been providing construction materials testing services and engineering consulting for over 34 years. His experience includes performing the duties of Threshold Inspector, Geotechnical Engineer, Structural Design Engineer, Civil Engineer, Project Manager, Engineering Technician and Quality Control Technician. As a licensed Special Inspector, Mr. Danforth has provided qualification of numerous threshold buildings. In addition, Mr. Danforth has technical expertise in environmental, construction materials testing (soil, concrete, asphalt), threshold inspections, structural design, building code inspections and forensic evaluation.



John Kent, P.E., Senior Geotechnical Engineer

John Kent, P.E. has over thirty-eight years of experience in the Geotechnical Engineering and Construction Materials Testing Industry. He has extensive technical, management, and leadership experience within the industry. As a Senior Project Engineer for GFA International, Mr. Kent's responsibilities include coordinating project needs with the lead drilling supervisor and CMT Field Manager, preparing proposals, defining scope for geotechnical investigations, performing settlement calculations and pile capacity calculations based on results of test borings, as well as reviewing and signing materials testing reports.



Erik Soderstrom, E.I., Geotechnical Department Manager

Mr. Soderstrom has over 3 years of experience in the geotechnical and environmental engineering industry. As GFA's Port St. Lucie Geotechnical Department Manager, Mr. Soderstrom is responsible for overseeing a team of drillers and engineers and making sure our quality of service and product is top notch. Mr. Soderstrom's project experience includes educational facilities, industrial facilities, ports, theme parks, commercial facilities, multi-story condominiums, and multi-story hotels.



Mark Barkley, Quality Control & Construction Materials Testing Manager

Mr. Barkley has been involved in the Construction Materials Testing industry on the Treasure Coast since 1983. With over thirty-five years of experience, Mr. Barkley has not only gained a broad range of experience in his field, but he has actively sought to improve his knowledge of testing techniques. Under his management, the Port St. Lucie laboratory continues to hold its certification from the Construction Materials Engineering Council (CMEC). As the Quality Control and Construction Materials Testing Manager, Mr. Barkley is responsible for overseeing the daily activities of the Port St. Lucie laboratory, ensuring proper chain of command is followed, as well as ensuring all certifications for the laboratory are kept up to date.



Ron Robinson, Laboratory Testing Manager

Mr. Robinson has over nineteen years of laboratory and field materials testing experience and over fifteen years of lab management experience. He has been responsible for the successful certification and accreditation of labs for FDOT, CMEC, and USACOE and has a broad knowledge of construction materials testing and ASTM standards.



A-5: FIRM'S RESPONSE, APPROACH, AND PHILOSOPHY FOR APPROACHING THE PROJECT

UNDERSTANDING OF SCOPE OF WORK

GFA fully understands the City of Port St. Lucie is seeking a consultant to provide Geotechnical Services for the work that will come from the current Five-Year Capital Improvement Program (CIP), any amendments during the term of this contract, and projects funded through the ½ Cent Sales Tax for Infrastructure Improvements and other City projects that require geotechnical services. Separate contracts will be created for the projects requiring GEO Services, as determined by the City. Depending upon the individual project, compliance with various federal guidelines may be required. A broader more defined scope of work will be developed for each individual project.

GFA foresees no problem meeting the City of Port St. Lucie's schedule or demands. Team GFA is prepared to provide qualified personnel to conduct the following Geotechnical Scope of Work:

- Subsurface Investigations
- Soil type/classification
- Compaction
- Permeability
- Construction Material
- Limerock Bearing Ratio (LBR)
- Modified Proctor
- Standard Proctor



GFA will furnish all necessary materials, labor, professional geotechnical expertise, supervision, equipment, and transportation necessary to execute and complete all work required by City specifications. GFA will provide the professional geotechnical, geophysical and hydrogeological expertise necessary in field services, laboratory services, analysis and design, estimating time and costs, planning, scheduling, checking, certification of completed work and submittal/filing/recording of the required data to the City. We have a full-time staff of employees ready to move forward immediately with all requirements of this contract.

GFA will provide engineering testing services from our own testing laboratories validated by the U.S. Army Corps of Engineers (USACE) or the Florida Department of Transportation (FDOT), and accredited through the Construction Material Engineering Council (CMEC).

GEOTECHNICAL ENGINEERING SERVICES

Understanding: The purposes of a Geotechnical Investigation are to investigate the soil and geologic conditions of a property and to provide recommendations and design criteria for construction. The scope of a Geotechnical Investigation includes review of available literature; conducting on-site exploration, mapping/logging and sampling; and laboratory testing of samples obtained in the field. GFA will interact with the City of Port St. Lucie staff to complete each project.

Project Approach: Geotechnical services typically involve five critical steps. First, preliminary field work must be done. A geotechnical engineer collaborates with a client representative to determine project objectives. The engineers will determine appropriate locations and depths for taking soil samples. Boring locations will include areas where structures, pump stations, levees, culverts and water control structures require geotechnical data.

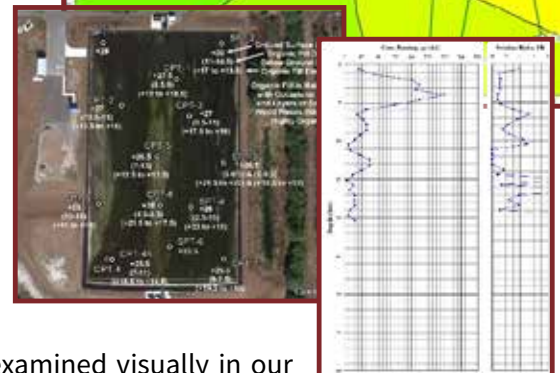
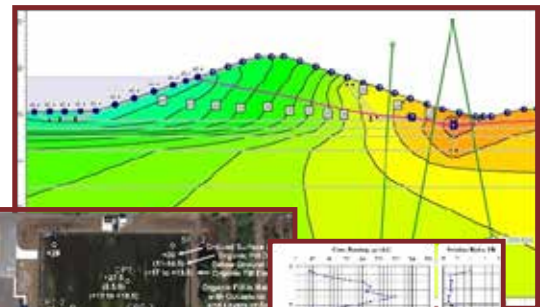
In addition, engineers will develop preliminary concepts for drainage structures and pavements that may be needed to direct water away from buildings. A thorough proposal will be developed detailing a scope of services, fees and report submittal milestones.

The second step, exploration, begins with drilling and recovering soil and rock samples using such techniques as standard penetration testing, rock coring, cone penetrometer soundings and/or vibracore sampling. Our drillers are versed in all these type of drilling techniques.

A geotechnical engineer will take a series of soil samples from each of the defined boring locations, paying special attention to recovered materials and penetrating resistance. If adjustments need to be made to the field sampling plan then the field engineer will make appropriate arrangements with the field crews after discussing this with the client.

Laboratory tests and sample review is the third stage (materials testing).

All soil samples obtained by GFA in field investigations are thoroughly examined visually in our



laboratory in accordance with ASTM D-2488 to obtain an accurate definition of the geomorphic conditions and properties of the soil. Engineers evaluate soil samples for strength, moisture, density and other characteristics and properties. Random laboratory tests are performed on soils within the foundation bearing depths to verify visual classifications. These tests may consist of gradation analysis and organic content testing on soil samples.

The GFA team then develops final detailed boring logs which depict the soils encountered. These boring logs illustrate the soils encountered in graphic detail and penetration resistance values logged during drilling and sampling activities.

A geotechnical report, is the fourth step in the process. It provides a detailed analysis of subsurface conditions at the study location. How will existing subsurface soil and bedrock such as limestone or sandstone perform as bearing materials for the planned construction? What about soils that have been manipulated previously? What type of fill was used? Was it uncontrolled fill that has been dumped, but not compacted, or structural fill that has been compacted? Does the fill include buried debris? How can the contractor modify this material to ensure the load-bearing characteristics?

Our team will then make the appropriate evaluations in order to make recommendations with respect to foundation support of structures and slabs; soil bearing pressures; bearing elevations; and foundation design recommendations. As part of the analysis, and only if necessary, GFA will advise our client as to the need for improvements to the soils on the site.

The report's recommendations will guide the construction process. Recommendations cover issues in site preparation and drainage, as well as in footing, slab, seawall, bulkhead and pier design. The written report documents the alternatives proposed with supporting data and confirms the implementation plan accepted by management. Specific organization of the report is unique to each study.

Last, but equally important, geotechnical services include monitoring and consulting during site preparation and construction. Geotechnical and materials engineers and engineering geologists understand how the soil beneath a structure must perform, and they have the training, equipment and knowledge of soil and material characteristics to make engineering judgments about potential soil and materials problems.

Specialized Skills: GFA will apply a number of specialized skills to the investigation that will save time and cost. GFA owns and operates one of the largest and most diverse fleets of drilling equipment in the state. Our fleet includes track and truck mounted equipment and limited access rigs for tight spaces, low overhead conditions, and over-water work allowing us to access almost any drill site. In addition to direct push and conventional drilling, GFA also offers Roto-Sonic drilling services. Our Geoprobe® 8150LS Sonic Drill Rig can be used for many purposes including sampling difficult formations 2-3 times faster over conventional systems.

MATERIALS TESTING SERVICES

Understanding: GFA's purpose during construction is to provide technicians and inspectors who will help verify that the contractor's work and materials comply with the project plans and specifications. We will evaluate issues such as suitability of the fill soil, soil compaction, concrete strength and suitability of pavement materials. The results of our tests are used by the City's staff and the designers to verify the work of the contractor(s). We serve as an extension of your staff, in effect, as extra "eyes and ears" on the site to look out for the City's interests.

Project Approach: The first activity for the construction testing function is to work with the City's staff to set up a testing scope and approach. During these important conversations, we will mutually look at the construction sequence and schedule and determine how our field forces can best be mobilized. For example, at the beginning and end of the project, the construction activity is usually relatively light. During this period, we will conserve funds by working on a "will-call" basis. We will assign technicians to the project who will go to the site only when needed by the contractor or the City inspector. As construction activity increases, we may consider assigning technicians to be on the site full-time. The Contract Manager will review the



project documents and establish the frequency of testing required for each test type. He will then reduce all this data into a scope and fee proposal for review by the City representative. We will maintain continuity by keeping the same personnel assigned to the project throughout its duration. Further, these individuals will be trained and equipped to conduct various types of on-site tests, thus reducing the necessary field work force.

All field and laboratory tests will be conducted according to the appropriate ASTM, ACI and FM standards. The technicians will be certified by the appropriate organization (ACI, AWS, and FOOT). Typical tests will include compaction of soil, soil classification, laboratory Proctor, LBR of pavement subgrade and base, extraction, gradation and thickness of asphaltic concrete, and slump, air content and temperature of fresh concrete, unit

weight and compressive strength of cured concrete, and inspection of reinforcing steel, where needed. Field copies of the test results will be given immediately to the City of Port St. Lucie inspector, and final reports will be reviewed, signed and sealed by a professional engineer. The project manager will review the field reports and visit the site periodically to review our service and resolve technical issues. Laboratory tests will be conducted in our local laboratories, which are annually inspected and certified by CMEC and/or the FDOT. These inspections verify that our equipment is properly calibrated, and our laboratory personnel adequately trained. We will also attend project status meetings, providing input when appropriate.

Specialized Skills: GFA will apply a number of specialized skills to the investigation that will save time and cost. We maintain specialized in-house capabilities available for this contract. The City of Port St. Lucie will not have to look elsewhere for these services, and thus will save time and money. GFA has the best equipped geotechnical laboratories in the State of Florida with devices capable of providing virtually any test on soils, concrete and aggregates.



A-6: CURRENT CONTRACTS FOR LIKE PROJECTS

Prior to presenting this qualification statement, our Principals reviewed the anticipated scope of work under this contract to determine the allocation of our company resources should we become the successful consultant.

GFA's staff and resources provide maximum flexibility to meet our clients' scheduling needs. The nature of our work requires us to typically provide services on an expedited basis. Our typical back-log is made up of many short duration assignments and therefore our workload varies on a weekly basis. Furthermore, long-term contracts are of indefinite quantity making workload dependent upon individual work orders, and difficult to predict.

The Team GFA workload capacity is strategically managed to enable us to respond successfully to emergency situations and fast-tracked projects. Based on prior experience, we believe that our present and future workload capacity is more than adequate to conduct the required services for this contract in a prompt (timely) and efficient manner.

We determined that GFA has the available assets in terms of personnel and equipment to successfully perform the work under this contract. GFA does not anticipate our workload to affect our ability to achieve the City of Port St. Lucie's goals for this contract.

Our local office and local key personnel within the company will remain easily accessible at all times and the project representatives will be well informed of the status of ongoing progress. During field activities, Senior and Staff Professionals will be performing regular site visits to verify the continuity of the work plan.

Presented below is a chart of our current continuing contract workload and our team's availability for this contract.

CURRENT WORKLOAD

Client: Town of Jupiter
Status: September 2012 – Current
Continuing Service Contract – Inspection Services, Materials Testing, Geotechnical
Workload: 5% on-going

Client: Martin County School District
Status: March 2010 – Current
Continuing Service Contract –
Geotechnical, Materials Testing, Threshold Inspections,
Plan Review, Building Inspections
Workload: 5% on-going

Client: Indian River County
Status: September 2010 – Current
Continuing Service Contract – Geotechnical, Materials
Testing
Workload: 5% on-going

Client: School Board of Indian River County
Status: May 2009 - Current
Continuing Service Contract –
Geotechnical and Materials Testing
Workload: 5% on-going

Client: St. Lucie Public Schools
Status: September 2017 - Current
Continuing Service Contract - Geotechnical, Materials
Testing
Workload: 0% on-going

Client: City of Port St. Lucie
Status: March 2018 - Current
Continuing Service Contract - Geotechnical Services
Workload: 5% on-going

Client: Loxahatchee River District
Status: April 2015 - Current
Continuing Service Contract - Geotechnical Engineering
and Materials Testing Services
Workload: 5% on-going

Client: City of Palm Beach Gardens
Status: June 2015 - Current
Continuing Service Contract - Geotechnical Engineering,
Environmental Assessments
Workload: 0% on-going

Client: South Florida Water Management District
Status: June 2017 - Current
Continuing Service Contract - Geotechnical Engineering
Services
Workload: 0% on-going

Client: Palm Beach County Schools
Status: August 2016 - Current
Continuing Service Contract - Geotechnical Engineering
and Construction Materials Testing
Workload: 0% on-going

Client: St. Lucie County
Status: June 2016 - Current
Continuing Service Contract - Geotechnical Engineering,
Construction Materials Testing
Workload: 5% on-going

Client: Seminole Tribe of Florida
Status: January 2019 - Current
Continuing Service Contract - Geotechnical Engineering,
Construction Materials Testing, Inspections
Workload: 0% on-going

Client: Martin County
Status: October 2018 - Current
Continuing Service Contract - Geotechnical Engineering,
Construction Materials Testing
Workload: 5% on-going

A-7: FIRM'S ADDRESS OF ITS LOCAL AND NATIONAL OFFICE

GFA INTERNATIONAL, INC. OFFICE LOCATIONS

PORT ST. LUCIE BRANCH OFFICE
607 NW Commodity Cove
Port St. Lucie, Florida 34986
Phone: (772) 924-3575 Fax: (772) 924-3580

Delray Beach (Corporate Headquarters)
1215 Wallace Drive
Delray Beach, Florida 33444
Phone: (561) 347-0070 Fax: (561) 395-5805

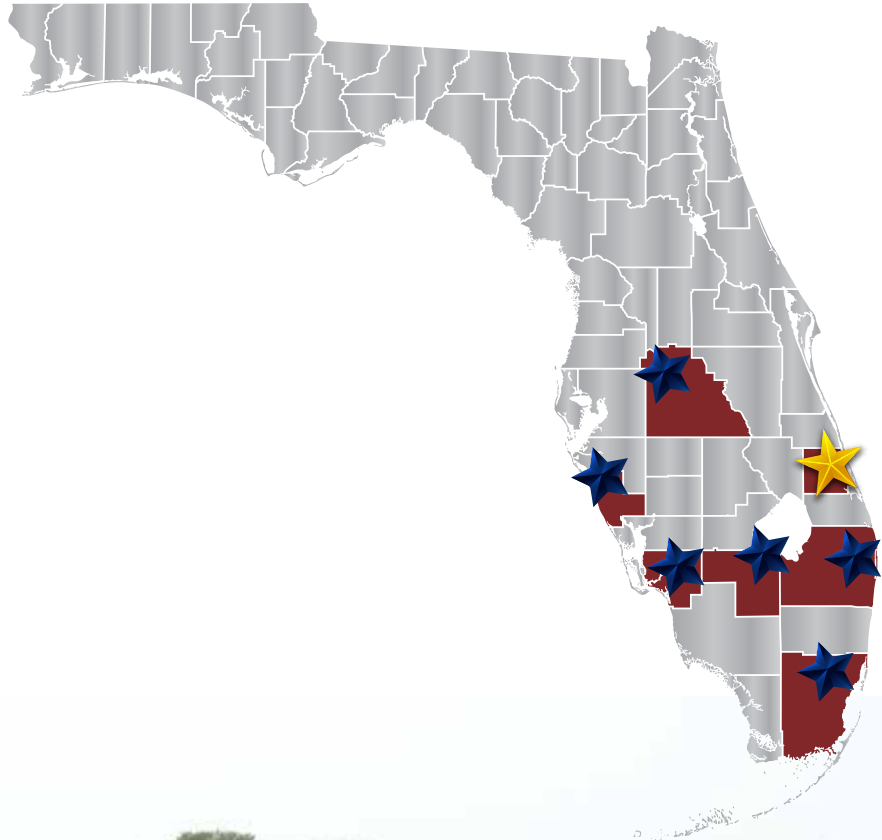
Clewiston Branch Office
1030 South West C Owen Avenue
Clewiston, Florida 33440
Phone: (561) 347-0070 Fax: (561) 395-5805

Fort Myers Branch Office
201 Waldo Avenue North
Lehigh Acres, Florida 33971
Phone: (239) 489-2443 Fax: (239) 489-3438

Miami Branch Office
7260 NW 58th Street
Miami, Florida 33166
Phone: (305) 945-1990 Fax: (305) 945-1911

Sarasota Branch Office
677 North Washington Boulevard
Sarasota, Florida 34236
Phone: (941) 893-4330 Fax: (941) 893-4331

Lakeland Branch Office
9565 Hancock Road
Lakeland, Florida 33810
Phone: (863) 606-3097



A-8: PRIOR LITIGATION, ARBITRATION, AND PROFESSIONAL CLAIMS

There has been no litigation, judgments, or settlements of court cases filed against GFA International, Inc. (GFA) in the past five (5) years other than the following:

1. On March 11, 2015, a Complaint was filed against GFA, et al, by 2700 North Ocean Condominium Association, Inc. (Case No. 50-2014-CA-010718-XXXX-MB (AI) in the 15th Judicial Court in Palm Beach County). GFA provided third-party plan review, building inspections, threshold inspections and construction materials testing for two (2) 27-story condominium buildings. The plaintiff(s) are alleging negligence for failure to properly inspect certain aspects of the building construction. GFA has denied all liability and is currently defending the claim.
2. On June 27, 2016, a Complaint was filed by Anyel Lizeth Muriel-Caecido against GFA (Case CACE-16-011876 in the 17th Judicial Circuit – Broward County) relating to alleged personal injuries from a traffic accident involving a GFA employee. GFA has denied all liability and is currently defending this claim.
3. On February 1, 2017, a Complaint was filed by Altman Glenewinkel Construction against Orange and Blue Construction (Case No. 50-2017-CA-001280-XXXX-MB in the 15th Judicial Court in Palm Beach County) involving alleged construction defects for a 6-story apartment complex in Boca Raton (Altis Fairway Commons). On July 26, 2018, the Complaint was amended to include GFA, et al. GFA provided private provider plan review, building inspections and threshold inspections for the project. The plaintiff is alleging negligence for failure to properly inspect certain aspects of the building construction. GFA has denied all liability and is currently defending the claim.
4. On February 21, 2017, a Complaint was filed against GFA, et al, by Swire Pacific Holdings, Inc. (Case No. 2016-000804-CA-40) in the 11th Judicial Court in Miami-Dade County. GFA provided limited structural observations and construction materials testing on a 36-story condominium project (Asia Condominium). The plaintiff(s) are alleging negligence for failure to properly inspect certain limited aspects of the building construction. GFA has denied all liability and is currently defending the claim.
5. On October 3, 2017, a Complaint was filed by Chaqueeta Davis against GFA (50-2017-CA-010915-XXXX-MB in the 15th Judicial Court in Palm Beach County) relating to alleged personal injuries from a traffic accident involving a GFA employee. GFA denied all liability. The case was settled and dismissed on August 31, 2018.
6. On August 20, 2018, a Complaint was filed by Stock Development against GFA, et al (Case No. 18-CA-003655 in the 20th Judicial Court in Lee County) involving alleged construction defects for a multi-building condominium project (Paseo) in Lee County. GFA provided private provider building inspections, third-party quality control inspections and construction materials testing for some of the buildings within the community in 2006-7. The plaintiff is alleging negligence for failure to properly inspect certain aspects of the building construction. GFA has denied all liability and is currently defending the claim.
7. On August 20, 2018, a Complaint was filed by Stock Development against GFA, et al (Case No. 11-2018-CA-002256-0001-XX in the 20th Judicial Court in Collier County) involving alleged construction defects for a multi-building condominium project (Ole at Lely) in Collier County. GFA provided private provider building inspections, third-party quality control inspections and construction materials testing for some of the buildings within the community in 2006-7. The plaintiff is alleging negligence for failure to properly inspect certain aspects of the building construction. GFA has denied all liability and is currently defending the claim.

GFA International, Inc. does not have any pending agreements to merge or sell the company.


A-9: REFERENCES FOR SIMILAR PROJECTS

Continuing Geotechnical Services

City of Port St. Lucie, Florida

CITY OF PORT ST LUCIE
121 SW Port St. Lucie Boulevard
Port St. Lucie, Florida, 34984
772-871-5223

REFERENCE CHECK FORM
Proposer Instructions: Fill out top portion only.
(Please print or type)

RFQu Number: 20190074	
Title: Continuing Geotechnical Services	
Proposer/Respondent: <u>GFA International, Inc.</u>	
Reference: <u>Town of Jupiter</u>	Fax #: <u>(561) 741-2515</u>
Email: <u>thomasd@jupiter.fl.us</u>	Telephone #: <u>(561) 746-5134</u>
Person to contact: <u>Thomas Driscoll</u>	

Reference Instructions: The above Proposer has given your name to the City of Port St. Lucie as a reference. Please complete the information below and send back to the proposer listed in the box above.

Describe the scope of work of the contract awarded by your firm/entity to this Consultant. What type of services were performed? Construction materials testing; soil density, concrete strength test, soil boring, etc.

What is the size of your agency and what services does your agency provide? 300 people Locate Municipal

Was the project completed on time and within the specified guidelines? Yes

What problems were encountered (claims)? No

How would you rate the contractor on a scale of low (1) to high (10) for the following?

Professionalism	<u>9</u>	Final Product	<u>9</u>
Qualifications	<u>9</u>	Cooperation	<u>9</u>
Budget Control	<u>8</u>	Reliability	<u>8</u>

Would you contract with this Consultant again? Yes No Maybe


Comments:

Thank you.

Note: Proposer shall submit all completed references with their RFQu packet by the submittal deadline.

CITY OF PORT ST LUCIE
121 SW Port St. Lucie Boulevard
Port St. Lucie, Florida, 34984
772-871-5223

REFERENCE CHECK FORM
Proposer Instructions: Fill out top portion only.
(Please print or type)

RFQu Number: 20190074	
Title: Continuing Geotechnical Services	
Proposer/Respondent: <u>GFA International, Inc.</u>	
Reference: <u>The Milcor Group, Inc.</u>	Fax #: <u>(772) 223-8851</u>
Email: <u>ryanh@themilcorgroup.com</u>	Telephone #: <u>(772) 223-8850</u>
Person to contact: Ryan Huff 	

Reference Instructions: The above Proposer has given your name to the City of Port St. Lucie as a reference. Please complete the information below and send back to the proposer listed in the box above.

Describe the scope of work of the contract awarded by your firm/entity to this Consultant. What type of services were performed?

We have contracted with GFA on a multitude of projects including Phase 1 Environmental Site Assessments, Geotechnical Investigations, and construction and material testing.

What is the size of your agency and what services does your agency provide?

Our firm consists of 10 employees providing civil engineering services.

Was the project completed on time and within the specified guidelines?

GFA has always met the project deadlines and followed the project guidelines accordingly.

What problems were encountered (claims)?

How would you rate the contractor on a scale of low (1) to high (10) for the following?

Professionalism	<u>10</u>	Final Product	<u>10</u>
Qualifications	<u>10</u>	Cooperation	<u>10</u>
Budget Control	<u>10</u>	Reliability	<u>10</u>

Would you contract with this Consultant again? Yes No Maybe

Comments:

GFA has consistently proven to be able to meet work schedules, operate reliably & professionally, and is always available for questions and/or assistance. Furthermore, they have proven time and time again to be one of the more affordable companies we work with. At this point, I refer them on every applicable project as I know they will help provide a great product and allow us to avoid any unnecessary problems that can hinder a project deadline or budget.

Thank you.

Note: Proposer shall submit all completed references with their RFQu packet by the submittal deadline.

CITY OF PORT ST LUCIE
121 SW Port St. Lucie Boulevard
Port St. Lucie, Florida, 34984
772-871-5223

REFERENCE CHECK FORM
Proposer Instructions: Fill out top portion only.
(Please print or type)

RFQu Number: 20190074	
Title: Continuing Geotechnical Services	
Proposer/Respondent: <u>GFA International, Inc.</u>	
Reference: <u>Sterling Project Development - First Data Field Stadium</u>	Fax #: <u>N/A</u>
Email: <u>rzrenda@sterlingprojectdevelopment.com</u>	Telephone #: <u>(860) 271-3895</u>
Person to contact: <u>Ryan Zrenda</u>	

Reference Instructions: The above Proposer has given your name to the City of Port St. Lucie as a reference. Please complete the information below and send back to the proposer listed in the box above.

Describe the scope of work of the contract awarded by your firm/entity to this Consultant. What type of services were performed? 3rd Party / Special Inspections

What is the size of your agency and what services does your agency provide?

Real Estate Development Company - 50+ employees

Was the project completed on time and within the specified guidelines?

Currently on-schedule.

What problems were encountered (claims)?

None to date

How would you rate the contractor on a scale of low (1) to high (10) for the following?

Professionalism 10

Final Product 10

Qualifications 10

Cooperation 10

Budget Control 10

Reliability 10

Would you contract with this Consultant again? Yes No Maybe

Comments:

Thank you.

Note: Proposer shall submit all completed references with their RFQu packet by the submittal deadline.

ARCHITECT – ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION


1. TITLE AND LOCATION <i>(City and State)</i> City of Port St. Lucie RFQu #20190074 Continuing Geotechnical Services	
2. PUBLIC NOTICE DATE August 8, 2019	3. SOLICITATION OR PROJECT NUMBER RFQu #20190074

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE Frederick G. Kaub, P.G. / President		
5. NAME OF FIRM GFA International, Inc.		
6. TELEPHONE NUMBER (561) 347-0070	7. FAX NUMBER (561) 395-5805	8. E-MAIL ADDRESS fkaub@teamgfa.com

C. PROPOSED TEAM

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

(Check)				9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
PRIME	J-V PARTNER	SUBCONTRACTOR	TRIACTOR			
a.	✓			GFA International, Inc.  <input type="checkbox"/> CHECK IF BRANCH OFFICE	607 NW Commodity Cove Port St. Lucie, FL 34986	Geotechnical Engineering Services
b.		✓		<input type="checkbox"/> CHECK IF BRANCH OFFICE		
c.		✓		<input type="checkbox"/> CHECK IF BRANCH OFFICE		
d.		✓		<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.		✓		<input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM ☑ (Attached)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Frederick G. Kaub, P.G.	13. ROLE IN THIS CONTRACT President / Principal in Charge / Professional Geologist	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 31
15. FIRM NAME AND LOCATION (City and State) GFA International, Inc., Delray Beach, Fort Myers, Port St. Lucie, Miami			
16. EDUCATION (Degree and Specialization) B.S. Geology, Indiana University (White Star Endowment Scholarship)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FL / Professional Geologist FL / Licensed Asbestos Consultant	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Algal Turf Scrubber System, Indian River County, FL	2012-2014	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Professional Geologist / Principal-in-Charge - Project consisted of the construction of a 200,000-square foot concrete flow way with influent and effluent structures. The flow way has a 4" thick concrete slab, slightly inclined to induce slow water flow. A 36,000-square foot shallow wetland polishing system (lined retention pond) northeast of the flow way was also constructed. In addition, a 75,200-square foot polishing pond east and north of the shallow wetland polishing system with a control structure on the north side was constructed along with a 13,200-square foot solid settling pond northwest of the flow way structure. GFA provided geotechnical exploration which included 17 test pits, 9 standard penetration test borings to a depth of 30' below existing grade, 3 standard penetration test borings to a depth of 20' below existing grade, 4 CTP borings to a depth of 30' below existing grade, 1 CPT boring to a depth of 20' below existing grade, and 12 CPT borings to a depth of 17' below existing grade. GFA also provided laboratory testing services for classification, gradation, and permeability.	x Check if project performed with current firm	
b.	Culvert Replacement Construction Project, Phase II	2018 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Professional Geologist / Principal-in-Charge - The South Florida Water Management District ("District") is planning the design and construction of the replacement of the following 6 (six) existing Culverts located in two Field Station (FS) areas: <ul style="list-style-type: none"> PC13N on the C41A in the Okeechobee FS Area PC14 on the C1N in the Homestead FS Area PC24, PC25, PC26, and PC27 on the C1W in the Homestead FS Area These structures were originally installed by the US Army Corps of Engineers (USACE) in the 1950's and 1960's and are no longer in serviceable condition. GFA's SOW is to provide geotechnical engineering services to determine the subsurface conditions required for the design of the proposed M-O canal levee project to be conducted by the District Engineering Bureau. The geotechnical engineering services shall consist of field exploration, laboratory testing of soil samples obtained from the site, and the preparation of a Geotechnical Engineering Report. GFA is currently performing soil borings, laboratory tests, and geotechnical engineering data compilation	x Check if project performed with current firm	
c.	C-44 Reservoir / STA Project, Stormwater Treatment Area, Martin County, Florida	2015 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Professional Geologist / Principal-in-Charge - This project consists of the new construction of the C-44 Reservoir. This project includes, but is not limited to: the construction of six STA cells and associated canals and control structures; these cells generally include approximately 32 miles of STA cell berms with shellrock roads; approximately 6300 acres of graded STA bottom; approximately 30 miles of distribution structures; six gated outlet structures; nine box culvert road crossings; one fixed crest spillway; placement and tracking of residual agricultural chemical impacted soils; maintenance and operations of the District field office, system discharge spillways and system discharge for the C-44 communication tower and relocation of power poles; installation of power conduits, communication conduits, primary electrical lines, and transformers; abandonment of aquifer monitoring wells; repaving of C-44 access road; and all the associated roads, swales, drains, boundary wells, instrumentation, SCADA RTU sites, gates, guardrails, handrails, bollards, fencing and utilities associated with these features. GFA services include Construction Materials Testing and Geotechnical Engineering.	x Check if project performed with current firm	

	(1) TITLE AND LOCATION (<i>City and State</i>) Deep Bed Filter, Jupiter, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015 - 2016	CONSTRUCTION (<i>If applicable</i>)
d.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Professional Geologist / Principal-in-Charge - This project included the construction of a new deep bed filter and new electrical building. GFA's scope involved a geotechnical study consisting of two SPT's. The report indicated that the contractor would need to perform vibroflotation to achieve the required bearing capacity for the new deep bed filter. GFA performed vibroflotation monitoring during the process of vibrocompaction and then performed four 30' verification test borings. During construction, GFA also provided materials testing services in the form of proctors, LBR's, sieve analysis, wash #200, concrete cylinders, grout prisms, and density tests on the underground utilities, building pad, and footings, subgrade and base in the new parking area. GFA provided a geotechnical exploration for foundation recommendations, which consisted of two 50-foot standard penetration test borings and performed vibroflotation monitoring. GFA also provided materials testing for all site work.	x Check if project performed with current firm	
	(1) TITLE AND LOCATION (<i>City and State</i>) C-43 Reservoir, Hendry County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (<i>If applicable</i>)
e.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Professional Geologist - Caloosahatchee River (C-43) West Basin Storage Reservoir Project was initiated under the Water Resources Development Act (WRDA) of 2000. The project includes an above ground reservoir with a total storage capacity of approximately 160,000-acre feet. The reservoir will be located in the C-43 Basin which spans Hendry, Glades, Charlotte, Collier, and Lee counties. This project is designed to capture C-43 Basin runoff and releases from Lake Okeechobee. The reservoir will be designed for environmental water supply benefits to the Caloosahatchee Estuary that will reduce the salinity and nutrient impacts of runoff to the estuary and some flood attenuation. GFA provided geotechnical engineering services consisting of the installation of piezometers and inclinometers. In addition, GFA performed seven standard penetration test borings to depths of 100-feet below existing grade and performed well abandonments and grouting on 50 existing wells. GFA is currently performing soil proctor analysis, density testing, LBR testing, moisture content testing, Atterberg limits, pH of soils, sieve analysis, organic testing, compressive strength testing, LA abrasion testing, earthwork monitoring, earthwork inspection and other engineering services for the project.	x Check if project performed with current firm	
	(1) TITLE AND LOCATION (<i>City and State</i>) Rerouting of Force Main & Water Main Connection to Water Treatment Plant, West Palm Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (<i>If applicable</i>)
f.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Professional Geologist / Principal-in-Charge – This project consisted of the rerouting of the force main and water main connections to the water treatment plant on Banyan Boulevard for the City of West Palm Beach, Florida. GFA provided a vibration quality control plan and vibration monitoring services, as well as engineering field technicians and a certified laboratory to complete Construction Materials Testing services for all soils and concrete material used for the project.	x Check if project performed with current firm	

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Paul H. Danforth, P.E., S.I.	13. ROLE IN THIS CONTRACT Regional Vice President Senior Geotechnical Engineer Special Inspector	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 14
15. FIRM NAME AND LOCATION (City and State) GFA International, Inc., Fort Myers, Port St. Lucie, Miami, Delray Beach, FL			
16. EDUCATION (Degree and Specialization) Bachelor of Science, Civil Engineering, North Carolina University, Raleigh, 1987		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer – Civil – FL, TX, MS, LA, AL Florida Registered Special Inspector #1103	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Former Vice-Chairman of City of Greenacres Code Enforcement Board Member ASCE Co-author of "Turbine Pedestal Cracking at FPL's Martin Plant Unit 2" published in the September 1990 issue of "Electrical World" magazine			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Cinquez Park – Jupiter, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Professional Engineer - This two-phase project includes the transformation of a vacant property to a park. Phase I includes an open space park with street parking, site lighting, a small restroom and storage building, sidewalks, gazebos, a lake, and a dog park. Phase II includes the construction of a playground area, sidewalks, an additional gazebo, and a possible treehouse. GFA is providing materials testing services for all soils and concrete materials used for the project. GFA also performed a geotechnical exploration for Phase I which consisted of ten Standard Penetration Test borings in various areas.	PROFESSIONAL SERVICES Current/Ongoing	CONSTRUCTION (If applicable)
b.	(1) TITLE AND LOCATION (City and State) Elsa and Paulina Roads Drainage and Watermain Improvements – Jupiter, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Professional Engineer - This project consists of construction of a drainage system to relieve significant and routine street flooding on Elsa and Paulina Roads. These low-lying roads are located in an older area of Jupiter and are subject to flooding even in smaller rainfall events and are highly susceptible to the effects of sea level rise. Drainage improvements include installation of 18" and 24" reinforced concrete pipe, drainage structure, valley gutters along edge of pavement, a vortex structure for enhanced treatment of storm water runoff prior to discharges to the Intracoastal Waterway, and infrastructure for a future pumping station to alleviate flooding caused by future sea level rise. GFA is providing construction materials testing services which includes laboratory and field testing services for all soils and concrete materials used for the project.	PROFESSIONAL SERVICES 2013 - Ongoing	CONSTRUCTION (If applicable)
c.	(1) TITLE AND LOCATION (City and State) Deep Bed Filter, Jupiter, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Professional Engineer - This project included the construction of a new deep bed filter and new electrical building. GFA's scope involved a geotechnical study consisting of two SPT's. The report indicated that the contractor would need to perform vibroflotation to achieve the required bearing capacity for the new deep bed filter. GFA performed vibroflotation monitoring during the process of vibrocompaction and then performed four 30' verification test borings. During construction, GFA also provided materials testing services in the form of proctors, LBR's, sieve analysis, wash #200, concrete cylinders, grout prisms, and density tests on the underground utilities, building pad, and footings, subgrade and base in the new parking area. GFA provided a geotechnical exploration for foundation recommendations, which consisted of two 50-foot standard penetration test borings, and performed vibroflotation monitoring. GFA also provided materials testing for all site work.	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)

d.	(1) TITLE AND LOCATION (<i>City and State</i>) South Creek Dredging, Coconut Creek, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Professional Engineer - This project consisted of performing a Geotechnical Analysis for a maintenance dredging and restoration for the South Creek Canal in Coconut Creek, Florida. GFA provided a licensed surveyor to layout property lines and easement of the 6 agreed upon properties. GFA performed 12 standard penetration test borings. 6 of the borings were completed to depths of 20 feet below grade and 6 were completed to depths of 15 feet below grade. GFA performed a total of 36 water content determinations, 3 at each boring.	PROFESSIONAL SERVICES 2014	CONSTRUCTION (<i>If applicable</i>)
e.	(1) TITLE AND LOCATION (<i>City and State</i>) C-43 Reservoir, Hendry County, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Professional Engineer - Caloosahatchee River (C-43) West Basin Storage Reservoir Project was initiated under the Water Resources Development Act (WRDA) of 2000. The project includes an above ground reservoir with a total storage capacity of approximately 160,000-acre feet. The reservoir will be located in the C-43 Basin which spans Hendry, Glades, Charlotte, Collier, and Lee counties. This project is designed to capture C-43 Basin runoff and releases from Lake Okeechobee. The reservoir will be designed for environmental water supply benefits to the Caloosahatchee Estuary that will reduce the salinity and nutrient impacts of runoff to the estuary and some flood attenuation. GFA provided geotechnical engineering services consisting of the installation of piezometers and inclinometers. In addition, GFA performed seven standard penetration test borings to depths of 100-feet below existing grade and performed well abandonments and grouting on 50 existing wells. GFA is currently performing soil proctor analysis, density testing, LBR testing, moisture content testing, Atterberg limits, pH of soils, sieve analysis, organic testing, compressive strength testing, LA abrasion testing, earthwork monitoring, earthwork inspection and other engineering services for the project.	PROFESSIONAL SERVICES 2016	CONSTRUCTION (<i>If applicable</i>)
f.	(1) TITLE AND LOCATION (<i>City and State</i>) Culvert Replacement Construction Project, Phase II	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Professional Engineer - The South Florida Water Management District ("District") is planning the design and construction of the replacement of the following 6 (six) existing Culverts located in two Field Station (FS) areas: <ul style="list-style-type: none"> • PC13N on the C41A in the Okeechobee FS Area • PC14 on the C1N in the Homestead FS Area • PC24, PC25, PC26, and PC27 on the C1W in the Homestead FS Area These structures were originally installed by the US Army Corps of Engineers (USACE) in the 1950's and 1960's and are no longer in serviceable condition. GFA's SOW is to provide geotechnical engineering services to determine the subsurface conditions required for the design of the proposed M-O canal levee project to be conducted by the District Engineering Bureau. The geotechnical engineering services shall consist of field exploration, laboratory testing of soil samples obtained from the site, and the preparation of a Geotechnical Engineering Report. GFA is currently performing soil borings, laboratory tests, and geotechnical engineering data compilation	PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION (<i>If applicable</i>)
g.	(1) TITLE AND LOCATION (<i>City and State</i>) Jupiter Lagoon Bridge Crossing Extension Palm Beach County, Florida	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Professional Engineer - The purpose of our subsurface exploration was to classify the nature of the subsurface soils and general geomorphic conditions and to evaluate their impact upon the proposed construction. For purposes of this study, our field exploration included drilling two (2) Standard Penetration Test (SPT) borings within the proposed bridge alignment and five (5) hand augers along the upland walkway at the locations noted on the attached boring location plan. The SPT borings were advanced to depths of 30 feet below existing ground/mudline surface and the hand augers were advanced to depths of seven (7) to eight (8) feet below existing ground surface (BGS). In general, the test borings encountered a subsurface profile that generally consisted of fine to medium grained sands from near ground surface to the boring termination depths. The relative density of the soils was generally medium dense to dense throughout the boring depths. Groundwater was encountered at depths ranging from 0 feet BGS to 3.8 feet BGS during drilling operations.	PROFESSIONAL SERVICES 2011	CONSTRUCTION (<i>If applicable</i>)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Thomas Montano, P.E.	13. ROLE IN THIS CONTRACT Branch Manager / Contract Manager	14. YEARS EXPERIENCE	
		a. TOTAL 7	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State) GFA International, Inc., Port St. Lucie, FL			
16. EDUCATION (Degree and Specialization) Bachelor of Science in Civil Engineering Rensselaer Polytechnic Institute, Troy NY		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) State of Florida Professional Engineer #84146	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers Palm Beach County Young Engineer of the Year American Concrete Institute Concrete Testing Technician American Concrete Institute Concrete Special Inspector			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Pine Ridge Park Wastewater System Improvements, Okeechobee, FL	2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Management - This project consisted of the wastewater system improvements in Phase 2 of the Pine Ridge Park in Okeechobee, Florida. GFA provided construction materials testing services for all soils and concrete materials used for the project.	x Check if project performed with current firm	
b.	Elsa and Paulina Roads Drainage and Watermain Improvements – Jupiter, FL	2013 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager- This project consists of construction of a drainage system to relieve significant and routine street flooding on Elsa and Paulina Roads. These low-lying roads are located in an older area of Jupiter and are subject to flooding even in smaller rainfall events and are highly susceptible to the effects of sea level rise. Drainage improvements include installation of 18" and 24" reinforced concrete pipe, drainage structure, valley gutters along edge of pavement, a vortex structure for enhanced treatment of storm water runoff prior to discharges to the Intracoastal Waterway, and infrastructure for a future pumping station to alleviate flooding caused by future sea level rise. GFA is providing construction materials testing services which includes laboratory and field testing services for all soils and concrete materials used for the project.	x Check if project performed with current firm	
c.	Marriott Towneplace Suites, Port St. Lucie, FL	2018 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager – This project consists of the new construction of an 83,426-square foot, five-story hotel building located off of SW Village Parkway in Port St. Lucie, Florida. GFA performed a Geotechnical Exploration consisting of 5 standard penetration test borings to depths of 25-feet below existing grade within the proposed building footprint, 4 standard penetration test borings to depths of 6-feet below existing grade in the pavement areas, and 1 exfiltration test. GFA also performed confirmation test borings after ground improvement techniques were complete. Additionally, GFA performed an Environmental Phase I Site Assessment with an Environmental Lien Search. GFA is currently providing engineering field technicians and a certified laboratory to complete Construction Materials Testing for all soils and concrete material used for the project and licensed inspectors to complete Special and Threshold inspections.	x Check if project performed with current firm	
d.	SR 614 (Indrio Road) FDOT Project T4423, St. Lucie County, FL	2016 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager - This project consists of the widening on Indrio Road from west of the I-95 interchange to east of Emerson Avenue. This 2.7-mile project began in May of 2016 and is anticipated to be completed by Spring 2019. This project includes reconstructing the existing two-lane Indrio Road to a four-lane, divided highway with a raised median, constructing a 6-foot sidewalk along the south side and a 12-foot wide multi-purpose trail along the north side of Indrio Road, realigning Spanish Lakes Boulevard to connect with Kobelgard Road, reconstruction of Kobelgard Road from Indrio Road north approximately .5 mile, and installing new highway lighting, signage, and signalization.	x Check if project performed with current firm	

	(1) TITLE AND LOCATION (<i>City and State</i>) SR 70 FDOT Project T1576, Okeechobee County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014 - 2017	CONSTRUCTION (<i>If applicable</i>)
e.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager - This project consisted of the reconstruction of SR 70 in Okeechobee County, Florida. This included the addition of two new travel lanes and reconstructing two existing lanes, building new and widening existing bridges over Mosquito Creek and L-63 Canal, excavating 15 ponds, and installing curb, gutter, sidewalk, guardrail, roadway signs, and pavement markings. Estimated total cost of construction is \$28.9 million. GFA provided construction materials testing services.	x Check if project performed with current firm	
	(1) TITLE AND LOCATION (<i>City and State</i>) Project Bourbon, Port St. Lucie, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017 - Ongoing	CONSTRUCTION (<i>If applicable</i>)
f.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager - The project is to consist of the new construction of a 411,000 square foot office, manufacturing, and distribution facility in Port Saint Lucie, FL with associated paved areas (access road, parking, truck loading areas), and drainage improvements. A storm water lake on a parcel to the southeast will also be expanded. The facility will sit on a 42-acre site and will showcase custom exterior LED accent lighting. It will include 225,000 square feet of racking storage and 125,000 square feet of air-conditioned manufacturing space with assembly space, laser cutting rooms, plastic injection molding rooms, tool rooms, grinding shops, and a state of the art paint booth. The facility will also have a 62,000 square foot, 2-story class A office. GFA performed a Geotechnical Exploration consisting of ten hand auger borings in the proposed roadway areas. GFA is providing engineering field technicians and a certified laboratory to complete Construction Materials Testing services for pavement area soils, laboratory testing, underground utilities below pavement, and building areas. This includes soils and concrete testing. GFA is also providing floor flatness testing services and special inspection services.	x Check if project performed with current firm	

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Erik Soderstrom, E.I.	13. ROLE IN THIS CONTRACT Geotechnical Department Manager	14. YEARS EXPERIENCE	
		a. TOTAL 3	b. WITH CURRENT FIRM <1
15. FIRM NAME AND LOCATION (City and State) GFA International, Inc., Port St. Lucie, FL			
16. EDUCATION (Degree and Specialization) B.S., Environmental Engineering, University of Vermont, 2014		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) State of Vermont Engineer Intern #017.0102030	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Universal Studios Project 962 (New Theme Park), Orlando, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geotechnical & Environmental Project Manager, Field Engineer - This project consisted of all thirteen phases of the new Universal Studios theme park and dealt with the construction of eleven story hotels, warehouses, theme park rides, parking garages and lots, roadways, site drainage and retention ponds both dry and wet. Each phase consisted of approximately 50,000 feet of lineal soil borings and required direct management and design parameters for each facet of the project.	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
Check if project performed with current firm			
b.	(1) TITLE AND LOCATION (City and State) Central Motel Stormwater Pond, Kissimmee, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geotechnical & Environmental Project Manager, Field Engineer - This job consisted of conducting a geotechnical exploration in order to provide not only foundation recommendations for a three story storage facility and associated drive lanes, but also provide drawdown analysis and design parameters for a dry stormwater pond on site. Parameters provided included estimated seasonal high groundwater table, base of aquifer, fillable porosity of surficial aquifer, Horizontal and vertical hydraulic conductivity, and recovery of pollution abatement volume (PAV).	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
Check if project performed with current firm			
c.	(1) TITLE AND LOCATION (City and State) Boulder Court Swale, Sanford, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geotechnical & Environmental Project Manager, Field Engineer - This project entitled the onsite investigation of slope failure due to the improper maintenance of a 200-foot swale that bordered the back lots of three separate residential lots. The work included examining the soils and dimensions of the swale and its outfall dry water pond, conducting drawdown analysis, and providing redesign for the entire swale and pond systems.	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
Check if project performed with current firm			
d.	(1) TITLE AND LOCATION (City and State) Flora Ridge Underdrain Evaluation, Kissimmee, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geotechnical & Environmental Project Manager, Field Engineer - This project included the construction of twelve separate multi story apartment buildings and associated parking. After the first original exploration was completed it was to determine that estimated seasonal high groundwater levels across the site were shallow enough to cause issues with the roads. This underdrain analysis reviewed all elevation points of the proposed roadways at design grade and determine which locations may be jeopardized by estimated seasonal high groundwater table. From there underdrain design was conducted and provided by Mr. Soderstrom.	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
Check if project performed with current firm			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME John Kent, P.E.	13. ROLE IN THIS CONTRACT Senior Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 38	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) GFA International, Inc., Port St. Lucie, FL			
16. EDUCATION (Degree and Specialization) B.S. Civil Engineering M.S. Civil Engineering MBA Business Administration		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) State of Florida Professional Engineer #63218	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers National Society for Professional Engineers Florida Engineering Society			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	C-44 Reservoir / STA Project, Stormwater Treatment Area, Martin County, Florida	2015 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Sr. Project Engineer - This project consists of the new construction of the C-44 Reservoir. This project includes, but is not limited to: the construction of six STA cells and associated canals and control structures; these cells generally include approximately 32 miles of STA cell berms with shellrock roads; approximately 6300 acres of graded STA bottom; approximately 30 miles of distribution structures; six gated outlet structures; nine box culvert road crossings; one fixed crest spillway; placement and tracking of residual agricultural chemical impacted soils; maintenance and operations of the District field office, system discharge spillways and system discharge for the C-44 communication tower and relocation of power poles; installation of power conduits, communication conduits, primary electrical lines, and transformers; abandonment of aquifer monitoring wells; repaving of C-44 access road; and all the associated roads, swales, drains, boundary wells, instrumentation, SCADA RTU sites, gates, guardrails, handrails, bollards, fencing and utilities associated with these features. GFA services include Construction Materials Testing and Geotechnical Engineering.	x Check if project performed with current firm	
b.	Elsa and Paulina Roads Drainage and Watermain Improvements – Jupiter, FL	2018 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Sr. Project Engineer - This project consists of construction of a drainage system to relieve significant and routine street flooding on Elsa and Paulina Roads. These low-lying roads are located in an older area of Jupiter and are subject to flooding even in smaller rainfall events and are highly susceptible to the effects of sea level rise. Drainage improvements include installation of 18" and 24" reinforced concrete pipe, drainage structure, valley gutters along edge of pavement, a vortex structure for enhanced treatment of storm water runoff prior to discharges to the Intracoastal Waterway, and infrastructure for a future pumping station to alleviate flooding caused by future sea level rise. GFA is providing construction materials testing services which includes laboratory and field testing services for all soils and concrete materials used for the project.	x Check if project performed with current firm	
c.	Marriott Towneplace Suites, Port St. Lucie, FL	2018 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Sr. Project Engineer – This project consists of the new construction of an 83,426-square foot, five-story hotel building located off of SW Village Parkway in Port St. Lucie, Florida. GFA performed a Geotechnical Exploration consisting of 5 standard penetration test borings to depths of 25-feet below existing grade within the proposed building footprint, 4 standard penetration test borings to depths of 6-feet below existing grade in the pavement areas, and 1 exfiltration test. GFA also performed confirmation test borings after ground improvement techniques were complete. Additionally, GFA performed an Environmental Phase I Site Assessment with an Environmental Lien Search. GFA is currently providing engineering field technicians and a certified laboratory to complete Construction Materials Testing for all soils and concrete material used for the project and licensed inspectors to complete Special and Threshold inspections.	x Check if project performed with current firm	

	(1) TITLE AND LOCATION (<i>City and State</i>) Cinquez Park, Jupiter, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017 - Ongoing	CONSTRUCTION (<i>If applicable</i>)
d.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Sr. Project Engineer - This two-phase project includes the transformation of a vacant property to a park. Phase I includes an open space park with street parking, site lighting, a small restroom and storage building, sidewalks, gazebos, a lake, and a dog park. Phase II includes the construction of a playground area, sidewalks, an additional gazebo, and a possible treehouse. GFA performed a geotechnical exploration for Phase 1 which consisted of ten standard penetration test borings throughout the project site. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing services for all soil, aggregate, and concrete materials used for the project.	x Check if project performed with current firm	
	(1) TITLE AND LOCATION (<i>City and State</i>) Tradition Commerce Park Loop Road, Port St. Lucie, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (<i>If applicable</i>)
e.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Sr. Project Engineer - This project consists of the construction of a new roadway for a distance of approximately 2,700 linear feet that will connect Southwest Discovery Way and Southwest Tradition Parkway for access to planned manufacturing and commercial properties. GFA performed a geotechnical exploration consisting of seven auger borings to depths of 6 feet below existing grade and three standard penetration test borings to depths of 15 feet below existing grade.	x Check if project performed with current firm	
	(1) TITLE AND LOCATION (<i>City and State</i>) Project Bourbon, Port St. Lucie, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017 - Ongoing	CONSTRUCTION (<i>If applicable</i>)
f.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Sr. Project Engineer - The project is to consist of the new construction of a 411,000 square foot office, manufacturing, and distribution facility in Port Saint Lucie, FL with associated paved areas (access road, parking, truck loading areas), and drainage improvements. A storm water lake on a parcel to the southeast will also be expanded. The facility will sit on a 42-acre site and will showcase custom exterior LED accent lighting. It will include 225,000 square feet of racking storage and 125,000 square feet of air-conditioned manufacturing space with assembly space, laser cutting rooms, plastic injection molding rooms, tool rooms, grinding shops, and a state of the art paint booth. The facility will also have a 62,000 square foot, 2-story class A office. GFA performed a Geotechnical Exploration consisting of ten hand auger borings in the proposed roadway areas. GFA is providing engineering field technicians and a certified laboratory to complete Construction Materials Testing services for pavement area soils, laboratory testing, underground utilities below pavement, and building areas. This includes soils and concrete testing. GFA is also providing floor flatness testing services and special inspection services.	x Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Peter Maggio	13. ROLE IN THIS CONTRACT Drilling Department Supervisor / Lead Driller	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) GFA International, Inc., Port St. Lucie, FL			
16. EDUCATION (Degree and Specialization) High School Diploma		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Island Way South Extension, Jupiter, FL	2015	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Driller – This project consists of providing a southern extension of the existing N. Island Way roadway, which connects to W. Indiantown Road from the north just west of Central Boulevard. Island Way South will provide an alternate route that will alleviate some traffic from Indiantown Road and Central Boulevard. This project includes improvements to 168th Street with new lanes and turn-a-bout for a distance of about 600 linear feet, construction of new Island Way roadway for a distance of about 2,740 linear feet with some small portions encompassing existing roadway incorporation, and mast arms at one intersection.	x Check if project performed with current firm	
b.	Oslo Road & 66th Avenue Intersection Improvements, Vero Beach, FL	2015	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead driller for geotechnical work in the expansion of the Oslo Road and 66th Avenue intersection with drainage improvements. GFA provided geotechnical engineering which consisted of five standard penetration test borings and a report of the findings containing recommendations for drainage and roadway foundations.	x Check if project performed with current firm	
c.	Cinquez Park, Jupiter, FL	2017 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Driller - This two-phase project includes the transformation of a vacant property to a park. Phase I includes an open space park with street parking, site lighting, a small restroom and storage building, sidewalks, gazebos, a lake, and a dog park. Phase II includes the construction of a playground area, sidewalks, an additional gazebo, and a possible treehouse. GFA performed a geotechnical exploration for Phase 1 which consisted of ten standard penetration test borings throughout the project site. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing services for all soil, aggregate, and concrete materials used for the project.	x Check if project performed with current firm	
d.	St. Lucie County Tax Collector Office, Port St. Lucie, FL	2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Driller - Supervised and performed geotechnical drilling for the construction of the planned one-story Tax Collector Office in Tradition area of Port St. Lucie. GFA performed five, 20-foot standard penetration test borings within the building footprint and four, 6-foot standard penetration test borings for the pavement areas and two lab permeability tests.	x Check if project performed with current firm	
e.	City of Palm Beach Gardens City Hall and Police Department, Palm Beach Gardens, FL	2019 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Driller - This project consists of a \$7.2 million renovation project at the Palm Beach Gardens City Hall. The project will add 17,000-square feet to the 20-year old city hall building and is expected to be completed in spring 2020. Another 9,000-square feet of existing space will undergo minor renovations. GFA performed nine, 20-foot standard penetration test borings and three asphalt cores. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion.	x Check if project performed with current firm	

(1) TITLE AND LOCATION <i>(City and State)</i> Project Bourbon, Port St. Lucie, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION <i>(If applicable)</i>
f. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Lead Driller - This project is to consist of the new construction of a 411,000 square foot office, manufacturing, and distribution facility in Port Saint Lucie, FL with associated paved areas (access road, parking, truck loading areas), and drainage improvements. A storm water lake on a parcel to the southeast will also be expanded. The facility will sit on a 42-acre site and will showcase custom exterior LED accent lighting. It will include 225,000 square feet of racking storage and 125,000 square feet of air-conditioned manufacturing space with assembly space, laser cutting rooms, plastic injection molding rooms, tool rooms, grinding shops, and a state of the art paint booth. The facility will also have a 62,000 square foot, 2-story class A office. GFA performed a Geotechnical Exploration consisting of ten hand auger borings in the proposed roadway areas. GFA is providing engineering field technicians and a certified laboratory to complete Construction Materials Testing services for pavement area soils, laboratory testing, underground utilities below pavement, and building areas. This includes soils and concrete testing. GFA is also providing floor flatness testing services and special inspection services.	<input checked="" type="checkbox"/> Check if project performed with current firm	

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Ron Robinson	13. ROLE IN THIS CONTRACT Laboratory Manager	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) GFA International, Inc., Port St. Lucie, FL			
16. EDUCATION (Degree and Specialization) High School Diploma		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
ACI Aggregate Testing Technician FDOT CTQP Aggregate Testing Technician FDOT CTQP Earthwork Level 1 FDOT CTQP Concrete Lab Testing Technician – Level 1		ACI Base Testing Technician FDOT CTQP Aggregate Base Testing Technician FDOT CTQP Earthwork Level 2 Radiation Safety Officer	ACI Strength Testing Technician FDOT CTQP LBR Technician FDOT CTQP Qualified Sampler Technician HAZMAT Certified for Transportation

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Ellsworth Avenue, Port St. Lucie, Florida (Traditions)	2017 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Laboratory Manager & Field Technician. Project consists of the construction of a new main roadway in the Lake Park Community located in Traditions. We were responsible for providing geotechnical engineering for the design of roads, drainage structures, lift stations and we also are providing quality control services which included concrete testing, density testing, lab services (LBR's, proctors, concrete breaks), and asphalt testing. Our contract amount is approximately \$50,000.	x Check if project performed with current firm	
b.	Alternate A1A/Damon Bridge Water Transmission Main Installation, Jupiter, FL	2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Laboratory Manager - The project consisted of the installation of a new water line along Damon Bridge. GFA scope consisted of lab proctors and field density testing for the soil backfill and the structural welds for waterline attachments to the bridge.	x Check if project performed with current firm	
c.	C-44 Reservoir / STA Project, Stormwater Treatment Area, Martin County, Florida	2015 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Laboratory Manager - This project consists of the new construction of the C-44 Reservoir. This project includes, but is not limited to: the construction of six STA cells and associated canals and control structures; these cells generally include approximately 32 miles of STA cell berms with shellrock roads; approximately 6300 acres of graded STA bottom; approximately 30 miles of distribution structures; six gated outlet structures; nine box culvert road crossings; one fixed crest spillway; placement and tracking of residual agricultural chemical impacted soils; maintenance and operations of the District field office, system discharge spillways and system discharge for the C-44 communication tower and relocation of power poles; installation of power conduits, communication conduits, primary electrical lines, and transformers; abandonment of aquifer monitoring wells; repaving of C-44 access road; and all the associated roads, swales, drains, boundary wells, instrumentation, SCADA RTU sites, gates, guardrails, handrails, bollards, fencing and utilities associated with these features. GFA services include Construction Materials Testing and Geotechnical Engineering.	x Check if project performed with current firm	
d.	Deep Bed Filter, Jupiter, FL	2015 - 2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Laboratory Manager - This project included the construction of a new deep bed filter and new electrical building. GFA's scope involved a geotechnical study consisting of two SPT's. The report indicated that the contractor would need to perform vibroflotation to achieve the required bearing capacity for the new deep bed filter. GFA performed vibroflotation monitoring during the process of vibrocompaction and then performed four 30' verification test borings. During construction, GFA also provided materials testing services in the form of proctors, LBR's, sieve analysis, wash #200, concrete cylinders, grout prisms, and density tests on the underground utilities, building pad, and footings, subgrade and base in the new parking area. GFA provided a geotechnical exploration for foundation recommendations, which consisted of two 50-foot standard penetration test borings and performed vibroflotation monitoring. GFA also provided materials testing for all site work.	x Check if project performed with current firm	

	(1) TITLE AND LOCATION (<i>City and State</i>) 30-Acre Reservoir, Rucks Road and Highway 68 West, Okeechobee, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016 - 2017	CONSTRUCTION (<i>If applicable</i>)
e.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Laboratory Manager - This project consists of the construction of a 30-acre reservoir in Okeechobee, Florida. GFA provided geotechnical engineering with a field exploration consisting of standard penetration test borings and is providing construction materials testing services for all soils and concrete materials used for the project.	x Check if project performed with current firm	
	(1) TITLE AND LOCATION (<i>City and State</i>) Rerouting of Force Main & Water Main Connection to Water Treatment Plant, West Palm Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (<i>If applicable</i>)
f.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Laboratory Manager – This project consisted of the rerouting of the force main and water main connections to the water treatment plant on Banyan Boulevard for the City of West Palm Beach, Florida. GFA provided a vibration quality control plan and vibration monitoring services, as well as engineering field technicians and a certified laboratory to complete Construction Materials Testing services for all soils and concrete material used for the project.	x Check if project performed with current firm	

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Mark Barkley	13. ROLE IN THIS CONTRACT QC/Materials Testing Manager	14. YEARS EXPERIENCE	
		a. TOTAL 35	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) GFA International, Inc., Port St. Lucie, FL			
16. EDUCATION (Degree and Specialization) High School Diploma		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) FDOT CTQP QC Manager FDOT CTQP LBR Technician FDOT CTQP Aggregate Base Testing Technician FDOT CTQP Concrete Strength Testing Technician ACI Concrete Field Testing Technician HAZMAT Certified For Transportation			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Elsa and Paulina Roads Drainage and Watermain Improvements – Jupiter, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE QC Manager - This project consists of construction of a drainage system to relieve significant and routine street flooding on Elsa and Paulina Roads. These low-lying roads are located in an older area of Jupiter and are subject to flooding even in smaller rainfall events and are highly susceptible to the effects of sea level rise. Drainage improvements include installation of 18" and 24" reinforced concrete pipe, drainage structure, valley gutters along edge of pavement, a vortex structure for enhanced treatment of storm water runoff prior to discharges to the Intracoastal Waterway, and infrastructure for a future pumping station to alleviate flooding caused by future sea level rise. GFA is providing construction materials testing services which includes laboratory and field testing services for all soils and concrete materials used for the project.	PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION (If applicable)
b.	(1) TITLE AND LOCATION (City and State) Ellsworth Avenue, Port St. Lucie, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE QC Manager - Project consisted of the construction of a new main roadway in the Lake Park Community located in Traditions. We were responsible for providing geotechnical engineering for the design of roads, drainage structures, lift stations and we are providing quality control services which included concrete testing, density testing, lab services (LBR's, proctors, concrete breaks), and asphalt testing. Our contract amount was approximately \$50,000	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
c.	(1) TITLE AND LOCATION (City and State) C-44 Reservoir / STA Project, Stormwater Treatment Area, Martin County, Florida	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE QC Manager - This project consists of the new construction of the C-44 Reservoir. This project includes, but is not limited to: the construction of six STA cells and associated canals and control structures; these cells generally include approximately 32 miles of STA cell berms with shellrock roads; approximately 6300 acres of graded STA bottom; approximately 30 miles of distribution structures; six gated outlet structures; nine box culvert road crossings; one fixed crest spillway; placement and tracking of residual agricultural chemical impacted soils; maintenance and operations of the District field office, system discharge spillways and system discharge for the C-44 communication tower and relocation of power poles; installation of power conduits, communication conduits, primary electrical lines, and transformers; abandonment of aquifer monitoring wells; repaving of C-44 access road; and all the associated roads, swales, drains, boundary wells, instrumentation, SCADA RTU sites, gates, guardrails, handrails, bollards, fencing and utilities associated with these features. GFA services include Construction Materials Testing and Geotechnical Engineering.	PROFESSIONAL SERVICES 2015 - Ongoing	CONSTRUCTION (If applicable)
d.	(1) TITLE AND LOCATION (City and State) A1A Lap Phase, FDOT QC Testing, Jupiter, Florida	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE QC Manager - This two-phase project included the installation of new underground utilities, pedestrian and bicycle lanes, new sidewalks, and roadway widening along the .75-mile roadway. Phase 2 of this project was part of the LAP program. GFA provided Quality Control Management and Construction Materials Testing services. This included the creation and maintenance of a FDOT Density Log Book and testing of all soil, aggregate, and concrete materials used for the project. GFA also performed concrete testing and air content testing on sidewalks and curbs and performed asphalt cores to determine thickness and to run bitumen content testing on the new roadway.	PROFESSIONAL SERVICES 2015 - 2017	CONSTRUCTION (If applicable)

	(1) TITLE AND LOCATION <i>(City and State)</i> 30-Acre Reservoir, Rucks Road and Highway 68 West, Okeechobee, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016 - 2017	CONSTRUCTION <i>(If applicable)</i>
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE QC Manager - This project consists of the construction of a 30-acre reservoir in Okeechobee, Florida. GFA provided geotechnical engineering with a field exploration consisting of standard penetration test borings and is providing construction materials testing services for all soils and concrete materials used for the project.	x Check if project performed with current firm	
	(1) TITLE AND LOCATION <i>(City and State)</i> PC South Algal Nutrient Removal Facility – Pump Station, Vero Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013 - 2015	CONSTRUCTION <i>(If applicable)</i>
f.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE QC Manager – This project consisted of the construction of a pump station for pumping canal water with a wet well that is 18 feet tall and a box culvert that connects a portion of the canal to the Pump Station. The box culvert is 15 feet wide and has a length of 110 feet. GFA performed a Geotechnical Exploration consisting of one standard penetration test boring to a depth of 25 feet below existing grade and one standard penetration test boring to a depth of 30 feet below existing grade, continuously sampled. GFA also provided engineering field technicians and a certified laboratory to complete Construction Materials Testing services for all soil, aggregate, and concrete materials used for the project completion.	x Check if project performed with current firm	

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Robert Liverman		13. ROLE IN THIS CONTRACT Field Technician		14. YEARS EXPERIENCE	
				a. TOTAL 12	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) GFA International, Inc., Port St. Lucie, FL					
16. EDUCATION (Degree and Specialization) High School Diploma			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) ACI Concrete Field Testing Technician Grade 1 CTQP Concrete Field Technician Level 1 CTQP Earthwork Construction Inspection Level 1 and Level 2					

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Cinquez Park, Jupiter, FL	2017 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - This two-phase project includes the transformation of a vacant property to a park. Phase I includes an open space park with street parking, site lighting, a small restroom and storage building, sidewalks, gazebos, a lake, and a dog park. Phase II includes the construction of a playground area, sidewalks, an additional gazebo, and a possible treehouse. GFA is providing materials testing services for all soils and concrete materials used for the project. GFA also performed a geotechnical exploration for Phase I which consisted of ten Standard Penetration Test borings in various areas.	x Check if project performed with current firm	
b.	Egret Marsh Concrete Flow Way for Algal Nutrient Removal, Indian River County, FL	2012 - 2014	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - This project consisted of the reconstruction of an approximately 4.4-acre flow way designed to purify water from a nearby drainage north relief canal. The diverted water flows over the sloped flow way and undesirable nutrients are absorbed by algae growth on the flow way. The purified water is then pumped back into the canal. GFA provided certified field technicians and a certified laboratory for construction materials testing for all soils and concrete materials used for the project. GFA also provided geotechnical exploration which included seven 12' auger borings, six 20' standard penetration test borings, and seven 20' CPT borings. Soils were visually classified, and samples were collected.	x Check if project performed with current firm	
c.	St. Lucie County Recyclables Processing Facility, Fort Pierce, FL	2014	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - This project consisted of the new construction of a new metal framed recycling processing facility with a footprint area of approximately 35,000 square feet. GFA provided Construction Materials Testing services for all soils, aggregate, and concrete materials used for the project.	x Check if project performed with current firm	
d.	Vero Beach Square, Phases 1 – 4, Vero Beach, FL	2015 - 2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - This project will consist of the new construction of a retail/restaurant parcels and site development for four separate phases. GFA is providing engineering field technicians and a certified laboratory to complete Construction Materials Testing services for all soil, aggregate, and concrete material used for construction in all four phases. GFA installed two temporary groundwater monitoring wells at the site to collect groundwater samples for laboratory analysis at a NELAC-accredited laboratory for analysis for Total Organic Carbon by EPA Method 5310C, pH by EPA Method 4500 H+B, Benzene by EPA Method 8260, Naphthalene by EPA Method 8270, Mercury by EPA Method 1631E, Hexavalent Chromium by EPA Method 7196A, and Cadmium, Copper, Lead, and Zinc by EPA Method 6020.	x Check if project performed with current firm	

	(1) TITLE AND LOCATION (City and State) SR 614 (Indrio Road), St. Lucie County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016 - 2019	CONSTRUCTION (If applicable)
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - The SR 614 (Indrio Road) Widening Project consists of widening on Indrio Road from West of the I-95 interchange to East of Emerson Avenue. This 2.7 mile project began in May of 2016 and was completed in Spring of 2019. The project included reconstructing the existing two-lane Indrio Road to a four-lane, divided highway with a raised median, constructing a 6-foot sidewalk along the south side and a 12-foot wide multi-purpose trail along the north side of Indrio Road, realigning Spanish Lakes Boulevard to connect with Kobelgard Road, reconstructing Kobelgard Road from Indrio Road north approximately .5 mile, and installing new highway lighting, signage, and signalization. GFA was responsible for providing Contractor Quality Control Testing services, CTQP certified technicians for concrete testing, roadway inspections, earthwork inspections, and drilled shaft inspections, and performing Construction Materials Testing services for all soils, aggregate, and concrete material used for the project.	x Check if project performed with current firm	
	(1) TITLE AND LOCATION (City and State) PC South Algal Nutrient Removal Facility – Pump Station, Vero Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013 - 2015	CONSTRUCTION (If applicable)
f.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician – This project consisted of the construction of a pump station for pumping canal water with a wet well that is 18 feet tall and a box culvert that connects a portion of the canal to the Pump Station. The box culvert is 15 feet wide and has a length of 110 feet. GFA performed a Geotechnical Exploration consisting of one standard penetration test boring to a depth of 25 feet below existing grade and one standard penetration test boring to a depth of 30 feet below existing grade, continuously sampled. GFA also provided engineering field technicians and a certified laboratory to complete Construction Materials Testing services for all soil, aggregate, and concrete materials used for the project completion.	x Check if project performed with current firm	

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Johnnie Smith		13. ROLE IN THIS CONTRACT Field Technician		14. YEARS EXPERIENCE	
				a. TOTAL 2.5	b. WITH CURRENT FIRM 2.5
15. FIRM NAME AND LOCATION (City and State) GFA International, Inc., Port St. Lucie, FL					
16. EDUCATION (Degree and Specialization) High School Diploma			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Lawnwood Freestanding Emergency Room, Vero Beach, FL	2019 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician – This project consists of the new construction of a 1-story, free standing emergency room with approximately 10,000-square feet containing a lab, pharmacy, resuscitation, exam rooms, imaging, offices, and associated support spaces. GFA is providing a certified laboratory and engineering field technicians to complete construction materials testing services for all soils and concrete material utilized for the project completion. GFA also provided environmental consulting services for groundwater and surface water assessments. GFA is providing licensed inspectors to complete threshold inspections and floor flatness testing services.	x Check if project performed with current firm	
b.	Aurora Palms Apartments, Melbourne, FL	2019 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - This project consists of the new construction of three 2-story apartment buildings. Each building will be approximately 24,728-square feet. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion.	x Check if project performed with current firm	
c.	FPL Okeechobee Solar Energy Center, Okeechobee County, FL	2019 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - This project consists of the new construction of a solar energy center in Okeechobee County. The site is approximately 550 acres and will have approximately 330,000 solar panels when completed. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion.	x Check if project performed with current firm	
d.	Sarno Road – U.S. Highway 1, Melbourne, FL	2017 - 2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - This project consists of the addition of a right hand turn lane for eastbound Sarno Road traffic, a stormwater pond, and signalization. This includes replacing the intersection's wire-span traffic signals with steel mast-arm structures, adding three pedestrian curb ramps, and installing new sidewalk connections and crosswalk striping. Estimated total construction cost is \$520,994. GFA International is providing certified engineering field technicians and a certified laboratory to perform construction materials testing for all soils and concrete material used for the project.	x Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Tyler Byerly		13. ROLE IN THIS CONTRACT Field Technician		14. YEARS EXPERIENCE	
				a. TOTAL 1	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) GFA International, Inc., Port St. Lucie, FL					
16. EDUCATION (Degree and Specialization) High School Diploma			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State) Jupiter Police Department Data Center, Jupiter, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019 - Ongoing	CONSTRUCTION (If applicable)
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician – This project consists of the new construction of a two-story building with approximately 38,823-square feet for the Jupiter Police Department. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion.	x Check if project performed with current firm	
	(1) TITLE AND LOCATION (City and State) Maltz Theater Expansion, Jupiter, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION (If applicable)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - This project consists of an expansion and renovation of the existing Maltz Theater in Jupiter, Florida. The building will be approximately 48,399-square feet. GFA performed a Geotechnical Exploration consisting of two standard penetration test borings to depths of 40-feet below existing grade and one exfiltration test. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion.	x Check if project performed with current firm	
	(1) TITLE AND LOCATION (City and State) Atlantic Aviation Hangar #9, Stuart, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION (If applicable)
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - This project consists of the new construction of a 30,000-square foot aviation hangar and 28 paved parking spaces on the perimeter of the hangar in Stuart, Florida. GFA performed a Geotechnical Exploration consisting of five standard penetration test borings to depths of 20-feet below existing grade and 3 augers with HCP to depths of 6-feet in the pavement areas. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion.	x Check if project performed with current firm	
	(1) TITLE AND LOCATION (City and State) Loxahatchee River District Whispering Trails, Palm Beach County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION (If applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - This project consists of the construction of approximately 11,000 linear feet of gravity sewer and road restoration for Loxahatchee River District in Palm Beach County, Florida. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion.	x Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Amber Evans		13. ROLE IN THIS CONTRACT Field Technician		14. YEARS EXPERIENCE	
				a. TOTAL <1	b. WITH CURRENT FIRM <1
15. FIRM NAME AND LOCATION (City and State) GFA International, Inc., Port St. Lucie, FL					
16. EDUCATION (Degree and Specialization) High School Diploma			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State) Marriott Towneplace Suites, Port St. Lucie, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION (If applicable)
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician – This project consists of the new construction of an 83,426-square foot, five-story hotel building located off of SW Village Parkway in Port St. Lucie, Florida. GFA performed a Geotechnical Exploration consisting of 5 standard penetration test borings to depths of 25-feet below existing grade within the proposed building footprint, 4 standard penetration test borings to depths of 6-feet below existing grade in the pavement areas, and 1 exfiltration test. GFA also performed confirmation test borings after ground improvement techniques were complete. Additionally, GFA performed an Environmental Phase I Site Assessment with an Environmental Lien Search. GFA is currently providing engineering field technicians and a certified laboratory to complete Construction Materials Testing for all soils and concrete material used for the project and licensed inspectors to complete Special and Threshold inspections.	x Check if project performed with current firm	
	(1) TITLE AND LOCATION (City and State) Project Bourbon, Port St. Lucie, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017 - Ongoing	CONSTRUCTION (If applicable)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - The project is to consist of the new construction of a 411,000 square foot office, manufacturing, and distribution facility in Port Saint Lucie, FL with associated paved areas (access road, parking, truck loading areas), and drainage improvements. A storm water lake on a parcel to the southeast will also be expanded. The facility will sit on a 42-acre site and will showcase custom exterior LED accent lighting. It will include 225,000 square feet of racking storage and 125,000 square feet of air-conditioned manufacturing space with assembly space, laser cutting rooms, plastic injection molding rooms, tool rooms, grinding shops, and a state of the art paint booth. The facility will also have a 62,000 square foot, 2-story class A office. GFA performed a Geotechnical Exploration consisting of ten hand auger borings in the proposed roadway areas. GFA is providing engineering field technicians and a certified laboratory to complete Construction Materials Testing services for pavement area soils, laboratory testing, underground utilities below pavement, and building areas. This includes soils and concrete testing. GFA is also providing floor flatness testing services and special inspection services.	x Check if project performed with current firm	
	(1) TITLE AND LOCATION (City and State) Fairfield Inn & Suites, Vero Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018 - 2019	CONSTRUCTION (If applicable)
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - This project consisted of the new construction of a four-story hotel located in Vero Beach, Florida. GFA provided engineering field technicians and a certified laboratory to complete construction materials testing services for all soils, aggregate, and concrete material utilized for the project completion. GFA also provided engineering technicians to monitor demucking activities prior to the construction commencement.	x Check if project performed with current firm	
	(1) TITLE AND LOCATION (City and State) G.O. Industrial Park, Port St. Lucie, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019 - Ongoing	CONSTRUCTION (If applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - This project consists of a stabilized construction compound site. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing services for all soils and concrete material utilized for the project completion.	x Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME William "Masonn" Gaurnieri	13. ROLE IN THIS CONTRACT Field Technician	14. YEARS EXPERIENCE	
		a. TOTAL <1	b. WITH CURRENT FIRM <1
15. FIRM NAME AND LOCATION (City and State) GFA International, Inc., Port St. Lucie, FL			
16. EDUCATION (Degree and Specialization) High School Diploma		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Jupiter Police Department Data Center, Jupiter, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician – This project consists of the new construction of a two-story building with approximately 38,823-square feet for the Jupiter Police Department. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion.	PROFESSIONAL SERVICES 2019 - Ongoing	CONSTRUCTION (If applicable)
b.	(1) TITLE AND LOCATION (City and State) Harbor Chase, Stuart, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician – This project consists of the new construction of a two-story assisted living facility with approximately 127,798-square feet in Stuart, Florida. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion. GFA is also providing licensed inspectors to complete special inspections for reinforcing steel, weld and bolt connections and metal systems building.	PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION (If applicable)
c.	(1) TITLE AND LOCATION (City and State) Riverhouse Condos, Stuart, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - This project consists of the new construction of a four-story condominium and 2, two-story retail buildings. The condominium building will have approximately 66,631-square feet. Building B retail building will have approximately 7,098-square feet and building C retail will have approximately 5,294-square feet. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion.	PROFESSIONAL SERVICES 2019 - Ongoing	CONSTRUCTION (If applicable)
d.	(1) TITLE AND LOCATION (City and State) Stuart Maserati Addition, Stuart, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - This project consists of the new construction of an auto dealership expansion. The building will be approximately 18,631-square feet. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion. Additionally, GFA is providing licensed inspectors to complete special inspections for reinforcing steel, concrete placement monitoring, weld and bolt connections, and buck and frame attachments.	PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION (If applicable)

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Sean Hayes	13. ROLE IN THIS CONTRACT Field Technician	14. YEARS EXPERIENCE	
		a. TOTAL <1	b. WITH CURRENT FIRM <1
15. FIRM NAME AND LOCATION (City and State) GFA International, Inc., Port St. Lucie, FL			
16. EDUCATION (Degree and Specialization) High School Diploma		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	First Data Field Stadium Renovation, Port St. Lucie, FL	2018 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician – This project consists of site work and all building trades for new construction and renovations of the existing 100+ acre facility consisting of renovations to the existing 7,000 seat stadium (First Data Field), modifications to practice fields, New Major League batting cage, New Minor League Batting Cage, enhancements to the existing Minor League Clubhouse, and the construction of a new Major League Clubhouse, as well as upgrades to parking and loading areas. The estimated total cost of construction is \$57 million. Prior to the commencement of construction, GFA performed an Asbestos Containing Materials Building Survey. GFA is providing geotechnical field technicians to monitor the helical pile installation process. GFA is also providing engineering field technicians and a certified laboratory to complete Construction Materials Testing services for all soils and concrete material used for the project. Additionally, GFA is providing licensed inspectors to complete Threshold inspections for the construction.	x Check if project performed with current firm	
b.	Paradise Park, Fort Pierce, FL	2019 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician – This project consists of the new construction of drainage improvements in Paradise Park located in Fort Pierce, Florida. This includes the installation of a retention pond. This project will also reduce freshwater and stormwater pollutants from discharging into Taylor Creek and the Indian River Lagoon. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion.	x Check if project performed with current firm	
c.	Veterans Retirement Home, Port St. Lucie, FL	2018 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician – This project consists of the new construction of a skilled nursing care and adult living facility in Port St. Lucie, Florida. The building will have approximately 112,000-square feet. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion.	x Check if project performed with current firm	
d.	Jupiter Medical Center Anderson Family Cancer Institute, Jupiter, FL	2018 - Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - This project consists of the new construction of a three-story medical building with a total area of approximately 76,446-square feet. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion. Additionally, GFA is providing licensed inspectors to complete Threshold Inspections for all reinforcing steel placement, shoring and re-shoring inspection verification, concrete and grout placement monitoring, pre and post fill cell grouting, curtain wall systems, and structural steel.	x Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Tim Watson	13. ROLE IN THIS CONTRACT Field Technician	14. YEARS EXPERIENCE	
		a. TOTAL <1	b. WITH CURRENT FIRM <1
15. FIRM NAME AND LOCATION (City and State) GFA International, Inc., Port St. Lucie, FL			
16. EDUCATION (Degree and Specialization) High School Diploma		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Fire Station #8, West Palm Beach, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician – This project consisted of the new construction of an approximate 10,000-square foot, single story fire station with three apparatus bays, bunk rooms, support facilities, and associated site work. GFA provided engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion. GFA also provided licensed inspectors to complete special inspections for reinforcing steel and reinforced masonry.	PROFESSIONAL SERVICES 2017 - 2019	CONSTRUCTION (If applicable)
b.	(1) TITLE AND LOCATION (City and State) Avenir Spine Road Phase 1.1, Palm Beach Gardens, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician – This project consists of the new construction of approximately 1.33 miles of four-lane divided roadway, drainage system, water distribution system and sewage. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion.	PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION (If applicable)
c.	(1) TITLE AND LOCATION (City and State) City of Palm Beach Gardens City Hall and Police Department, Palm Beach Gardens, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician – This project consists of a \$7.2 million renovation project at the Palm Beach Gardens City Hall. The project will add 17,000-square feet to the 20-year old city hall building and is expected to be completed in spring 2020. Another 9,000-square feet of existing space will undergo minor renovations. GFA performed nine, 20-foot standard penetration test borings and three asphalt cores. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion.	PROFESSIONAL SERVICES 2019 - Ongoing	CONSTRUCTION (If applicable)
d.	(1) TITLE AND LOCATION (City and State) Loxahatchee River District Whispering Trails, Palm Beach County, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Technician - This project consists of the construction of approximately 11,000 linear feet of gravity sewer and road restoration for Loxahatchee River District in Palm Beach County, Florida. GFA is providing engineering field technicians and a certified laboratory to complete construction materials testing for all soil, aggregate, and concrete materials utilized for the project completion.	PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION (If applicable)

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

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION (City and State)

Island Way South Extension, Jupiter, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2015

CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Town of Jupiter

b. POINT OF CONTACT NAME

Thomas Driscoll, P.E.

c. POINT OF CONTACT TELEPHONE NUMBER

(561) 741-2215

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

Island Way South will provide a southern extension of the existing N. Island Way roadway, which currently connects to W. Indiantown Road from the north just west of Central Boulevard. Island Way South will provide an alternate route that will alleviate some traffic from Indiantown Road and Central Boulevard. This project includes improvements to 168th Street with new lanes and turn-a-bout for a distance of about 600 linear feet, construction of new Island Way roadway for a distance of about 2,740 linear feet with some small portions encompassing existing roadway incorporation, and mast arms at one intersection.

GFA Contract:

- \$7,425.00

GFA Services:

GFA provided Geotechnical Engineering Services which included performing a geotechnical exploration consisting of hand augers, standard penetration test borings, exfiltration tests, asphalt cores, and laboratory testing of soil samples.

GFA Service Summary:

- Geotechnical Engineering



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	GFA International, Inc.	Port St. Lucie, FL	Geotechnical
b.			
c.			
d.			
e.			
f.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION <i>(City and State)</i> Cinquez Park, Jupiter, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017 - Current	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Town of Jupiter	b. POINT OF CONTACT NAME Thomas Hernandez, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (561) 741-2680
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This two-phase project includes the transformation of a vacant property to a park. Phase I includes an open space park with street parking, site lighting, a small restroom and storage building, sidewalks, gazebos, a lake, and a dog park. Phase II includes the construction of a playground area, sidewalks, an additional gazebo, and a possible treehouse.



GFA Contract:

- \$21,465.00

GFA Services:

GFA is providing materials testing services for all soils and concrete materials used for the project. GFA also performed a geotechnical exploration for Phase I which consisted of ten Standard Penetration Test borings in various areas.

GFA Service Summary:

- Geotechnical Engineering
- Materials Testing

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME GFA International, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Port St. Lucie, FL	(3) ROLE Geotechnical, Materials Testing
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION <i>(City and State)</i> Deep Bed Filter, Jupiter, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013 - 2016	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Loxahatchee River District	b. POINT OF CONTACT NAME Clinton Yerkes	c. POINT OF CONTACT TELEPHONE NUMBER (561) 747-5700
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This project included the construction of a new deep bed filter and new electrical building. GFA's scope involved a geotechnical study consisting of two SPT's. The report indicated that the contractor would need to perform vibroflotation to achieve the required bearing capacity for the new deep bed filter. GFA performed vibroflotation monitoring during the process of vibrocompaction and then performed four 30' verification test borings. During construction, GFA also provided materials testing services in the form of proctors, LBR's, sieve analysis, wash #200, concrete cylinders, grout prisms, and density tests on the underground utilities, building pad, and footings, subgrade and base in the new parking area.



GFA Contract:

- \$16,500.00

GFA Services:

GFA provided a geotechnical exploration for foundation recommendations, which consisted of two 50-foot standard penetration test borings and performed vibroflotation monitoring. GFA also provided materials testing for all site work.

GFA Service Summary:

- Geotechnical Engineering
- Materials Testing

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME GFA International, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Port St. Lucie, FL	(3) ROLE Geotechnical, Materials Testing
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 4
21. TITLE AND LOCATION <i>(City and State)</i> Egret Marsh Concrete Flow Way for Algal Nutrient Removal, Indian River County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012 - 2014	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Indian River County	b. POINT OF CONTACT NAME Keith McCully, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (772) 226-1562
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This project consisted of the reconstruction of an approximately 4.4-acre flow way designed to purify water from a nearby drainage north relief canal. The diverted water flows over the sloped flow way and undesirable nutrients are absorbed by algae growth on the flow way. The purified water is then pumped back into the canal.



GFA Contract:

- \$29,373.00

GFA Services:
 GFA provided certified field technicians and a certified laboratory for construction materials testing for all soils and concrete materials used for the project. GFA also provided geotechnical exploration which included seven 12' auger borings, six 20' standard penetration test borings, and seven 20' CPT borings. Soils were visually classified, and samples were collected.

GFA Service Summary:

- Geotechnical Engineering
- Materials Testing

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME GFA International, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Port St. Lucie, FL	(3) ROLE Geotechnical, Materials Testing
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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

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

20. EXAMPLE PROJECT KEY NUMBER

5

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

First Data Field Stadium Renovation, Port St. Lucie, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2018 - Ongoing

CONSTRUCTION *(If applicable)*

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

St. Lucie County

b. POINT OF CONTACT NAME

Ryan Zrenda, Sterling Project Development

c. POINT OF CONTACT TELEPHONE NUMBER

(860) 271-3895

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

This project consists of site work and all building trades for new construction and renovations of the existing 100+ acre facility consisting of renovations to the existing 7,000 seat stadium (First Data Field), modifications to practice fields, New Major League batting cage, New Minor League Batting Cage, enhancements to the existing Minor League Clubhouse, and the construction of a new Major League Clubhouse, as well as upgrades to parking and loading areas. The estimated total cost of construction is \$57 million.



GFA Contract:

- \$91,356.00

GFA Services:

Prior to the commencement of construction, GFA performed an Asbestos Containing Materials Building Survey. GFA is providing geotechnical field technicians to monitor the helical pile installation process. GFA is also providing engineering field technicians and a certified laboratory to complete Construction Materials Testing services for all soils and concrete material used for the project. Additionally, GFA is providing licensed inspectors to complete Threshold inspections for the construction.

GFA Service Summary:

- Geotechnical Engineering
- Environmental Consulting
- Materials Testing
- Threshold Inspections

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	GFA International, Inc.	Port St. Lucie, FL	Geotechnical, Environmental, Materials Testing, Inspections
b.			
c.			
d.			
e.			
f.			

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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 6
21. TITLE AND LOCATION <i>(City and State)</i> Marriott Towneplace Suites, Port St. Lucie, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION <i>(if applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER PSL Hospitality LLLP	b. POINT OF CONTACT NAME Adam Gottbetter	c. POINT OF CONTACT TELEPHONE NUMBER (917) 400-6737
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This project consists of the new construction of an 83,426-square foot, five-story hotel building located off of SW Village Parkway in Port St. Lucie, Florida.

GFA Contract:

- \$7,205.00 + Unit Rates

GFA Services:

GFA performed a Geotechnical Exploration consisting of 5 standard penetration test borings to depths of 25-feet below existing grade within the proposed building footprint, 4 standard penetration test borings to depths of 6-feet below existing grade in the pavement areas, and 1 exfiltration test. GFA also performed confirmation test borings after ground improvement techniques were complete. Additionally, GFA performed an Environmental Phase I Site Assessment with an Environmental Lien Search. GFA is currently providing engineering field technicians and a certified laboratory to complete Construction Materials Testing for all soils and concrete material used for the project and licensed inspectors to complete Special and Threshold inspections.



GFA Service Summary:

- Geotechnical Engineering
- Environmental Consulting
- Materials Testing
- Special and Threshold Inspections

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME GFA International, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Port St. Lucie, FL	(3) ROLE Geotechnical, Environmental, Materials Testing, Inspections
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 7
21. TITLE AND LOCATION <i>(City and State)</i> Project Bourbon, Port St. Lucie, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER ARCO/Murray National Construction Company	b. POINT OF CONTACT NAME Paul Wagner	c. POINT OF CONTACT TELEPHONE NUMBER (972) 591-5745
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This project is to consist of the new construction of a 411,000 square foot office, manufacturing, and distribution facility in Port Saint Lucie, FL with associated paved areas (access road, parking, truck loading areas), and drainage improvements. A storm water lake on a parcel to the southeast will also be expanded. The facility will sit on a 42-acre site and will showcase custom exterior LED accent lighting. It will include 225,000 square feet of racking storage and 125,000 square feet of air-conditioned manufacturing space with assembly space, laser cutting rooms, plastic injection molding rooms, tool rooms, grinding shops, and a state of the art paint booth. The facility will also have a 62,000 square foot, 2-story class A office.



GFA Contract:

- \$83,467.25

GFA Services:

GFA performed a Geotechnical Exploration consisting of ten hand auger borings in the proposed roadway areas. GFA is providing engineering field technicians and a certified laboratory to complete Construction Materials Testing services for pavement area soils, laboratory testing, underground utilities below pavement, and building areas. This includes soils and concrete testing. GFA is also providing floor flatness testing services and special inspection services.

GFA Service Summary:

- Geotechnical Engineering
- Materials Testing
- Special Inspections

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	GFA International, Inc.	Port St. Lucie, FL	Geotechnical, Materials Testing, Inspections
b.			
c.			
d.			
e.			
f.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 8
21. TITLE AND LOCATION <i>(City and State)</i> Russo Road Culvert Replacement Project, Ft. Pierce, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER St. Lucie County Building Department	b. POINT OF CONTACT NAME Mike Halter	c. POINT OF CONTACT TELEPHONE NUMBER (772) 462-1599
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This project consisted of the new construction of a new culvert and drainage improvements to Russo Road in Fort Pierce, Florida.

- GFA Contract:
- \$3,246.00

GFA Services:
GFA provided engineering field technicians and a certified laboratory to complete Construction Materials Testing services for all soils and concrete material used for the project. This included density testing for underground utilities and laboratory testing for proctors, stabilized subgrade limerock bearing ratio, sieve analysis, organic content, wash 200, and liquid limit/plastic limit testing.

- GFA Service Summary:
- Materials Testing

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME GFA International, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Port St. Lucie, FL	(3) ROLE Materials Testing
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 9
21. TITLE AND LOCATION <i>(City and State)</i> St. Lucie County Tax Collectors Office, Tradition, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017 - 2019	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER St. Lucie County	b. POINT OF CONTACT NAME Chris Singley, Paul Jacquin & Sons, Inc	c. POINT OF CONTACT TELEPHONE NUMBER (772) 465-2475
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This project consisted of the new construction of a one-story, 19,500-square-foot building. The estimated total cost of construction is \$6.3 million.

GFA Contract:

- \$3,246.00 + Unit Rates

GFA Services:

GFA performed a Geotechnical Exploration consisting of five standard penetration test borings to depths of 20-feet below existing grade within the proposed building footprint and four standard penetration test borings to depths of 6-feet below existing grade within the proposed pavement areas. GFA also provided engineering field technicians and a certified laboratory to complete Construction Materials Testing services for all soils and concrete material used for the project. Additionally, GFA provided licensed inspectors to complete special inspections for the building.



GFA Service Summary:

- Geotechnical Engineering
- Materials Testing
- Special Inspections

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME GFA International, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Port St. Lucie, FL	(3) ROLE Geotechnical, Materials Testing, Inspections
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 10
21. TITLE AND LOCATION <i>(City and State)</i> The Mastroianni Family Pediatric Emergency Department & Observation Unit Expansion, Jupiter, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018 - Ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Jupiter Medical Center	b. POINT OF CONTACT NAME Jeff Eisner, Black Diamond General Contracting, Inc.	c. POINT OF CONTACT TELEPHONE NUMBER (561) 746-3642
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The Mastroianni Family Pediatric Emergency Department Expansion consists of the addition of a one-story observation unit, a one-story emergency department addition and a two-story intensive care unit.



GFA Contract:
 • \$10,772.00

GFA Services:
 GFA performed a Geotechnical Exploration consisting of 4 standard penetration test borings to depths of 20-feet below existing grade within the proposed building footprint. GFA is currently providing engineering field technicians and a certified laboratory to complete Construction Materials Testing for all soils and concrete material used for the project and licensed inspectors to complete Threshold inspections.

GFA Service Summary:

- Geotechnical Engineering
- Materials Testing
- Threshold Inspections

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME GFA International, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Port St. Lucie, FL	(3) ROLE Geotechnical, Materials Testing, Inspections
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Frederick G. Kaub, P.G., L.A.C.	Principal in Charge / Professional Geologist	X	X	X	X	X	X	X	X	X	X
Paul H. Danforth, P.E.	Professional Engineer	X	X	X	X	X	X	X	X	X	X
Tom Montano, P.E.	Contract Manager / Professional Engineer	X	X	X	X	X	X	X	X	X	X
Erik Soderstrom, E.I.	Geotechnical Department Manager		X			X	X	X			X
John Kent, P.E.	Senior Geotechnical Engineer		X			X	X	X	X	X	X
Peter Maggio	Lead Driller / Drilling Supervisor	X	X	X	X	X	X	X		X	X
Ron Robinson	Laboratory Manager	X	X	X	X	X	X	X	X	X	X
Mark Barkley	QC/Materials Testing Manager		X	X	X	X	X	X	X	X	X
Robert Liverman	Field Technician		X	X	X	X	X	X	X	X	X
Johnnie Smith	Field Technician		X	X		X	X	X	X	X	X
Tyler Byerly	Field Technician		X			X	X	X		X	X
Amber Evans	Field Technician		X			X	X	X		X	X
William "Masonn" Gournieri	Field Technician					X		X			X
Sean Hayes	Field Technician					X		X			X
Tim Watson	Field Technician					X		X			X

29. EXAMPLE PROJECTS KEY

NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)	NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)
1	Island Way South Extension	6	Marriott Towneplace Suites
2	Cinquez Park	7	Project Bourbon
3	Deep Bed Filter	8	Russo Road Culvert Replacement Project
4	Egret Marsh Concrete Flow Way	9	St. Lucie County Tax Collectors Office
5	First Data Field Stadium Renovation	10	The Mastroianni Family Pediatric Emergency Dept.

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

**We Know Earth Work
GEOTECHNICAL SERVICES**

Proper groundwork must be completed before laying the foundation for any successful project. Our Geotechnical Engineering Specialists utilize advanced geotechnical drilling equipment and a full support staff of highly skilled technicians. Utilizing the latest design software to evaluate your site, we provide innovative, practical recommendations for support of all types of structures. GFA specializes in foundation recommendations and geotechnical analysis including:

- ◆ Preliminary Site Reconnaissance
- ◆ Subsurface Soil Investigations
- ◆ Foundation Analysis
- ◆ Dynamic Cone Penetrometer
- ◆ Double Ring Infiltrometer
- ◆ Pile Load Testing
- ◆ Exfiltration Tests
- ◆ Infiltration Tests
- ◆ Standard Penetration Testing
- ◆ Static Cone Penetration Tests
- ◆ Drilling
- ◆ Rock Coring
- ◆ Split Spoon Sampling
- ◆ Muck Probes
- ◆ Roadway Cores
- ◆ Undisturbed Sampling of Soil
- ◆ Ground Penetrating Radar



**We Keep Florida Safe & Sound
BUILDING INSPECTIONS**

GFA can provide in-progress construction inspection services on a variety of residential and commercial projects in order to optimize contractor and subcontractor compliance with approved plans, building codes having jurisdiction and accepted industry standards.

- ◆ Threshold Inspections
- ◆ Special Inspections
- ◆ Unit Masonry
- ◆ Structural Steel
- ◆ Truss Engineering
- ◆ Roofing Inspections
- ◆ Fire Proofing
- ◆ Stucco
- ◆ Windows & Doors
- ◆ Foundation Systems
- ◆ Post-Tensioned Concrete



**Protecting Your Business Interests
ENVIRONMENTAL SERVICES**

GFA investigates and advises our clients on environmental issues that can effect property transactions and future development decisions. Our knowledge, experience, and understanding of potential environmental liabilities helps our clients achieve their business goals while minimizing their environmental risks. Services include:

- ◆ Phase I and II Site Assessments
- ◆ Contamination Assessment & Remediation
- ◆ Property Condition Assessments
- ◆ Underground Storage Tank Assessments, Removal & Closure
- ◆ Hazardous & Toxic Waste Assessments
- ◆ Remedial Action Plans
- ◆ Water Sampling
- ◆ Soil Testing
- ◆ Monitoring Wells
- ◆ Brownfield Assessments
- ◆ Geoprobe Services



**We Have A Strong Foundation
CONSTRUCTION MATERIALS TESTING**

GFA has extensive experience providing Construction Materials Testing (CMT) Services for developers, contractors, and government agencies. Our team of engineering technicians provide accurate testing and quality control that successfully guides our clients through stringent project specifications, difficult construction schedules and complex government regulations. With laboratories strategically located throughout the state, GFA has the expertise, experience, and staff you need for all your Construction Materials Testing Needs.

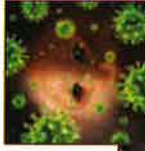
- ◆ Soils
- ◆ Concrete & Aggregate
- ◆ Asphalt
- ◆ Soil-Cement
- ◆ Construction Monitoring & Inspections



**We Keep You & Your Property Healthy
INDUSTRIAL HYGIENE / ENVIRONMENTAL HEALTH & SAFETY**

GFA's team of certified industrial hygienists and safety professionals provide consulting services geared towards preventing workplace or job site exposure to chemical, biological and physical hazards; as well as comprehensive health and safety services. GFA develops cost-effective solutions for ensuring your organization is OSHA compliant. Some of our services include:

- ◆ Asbestos/Lead Abatement Planning & Consulting
- ◆ Indoor Air Quality Assessments
- ◆ HVAC Inspection & Design Review
- ◆ Mold Testing & Remediation Design
- ◆ Water Intrusion Investigations
- ◆ Comprehensive Industrial Hygiene Services
- ◆ Radon Testing Services
- ◆ Hazardous Material Survey/Monitoring
- ◆ OSHA Compliance Audits/Gap Assessments
- ◆ OSHA Program Support/Outsourcing
- ◆ OSHA Monitoring
- ◆ Training
- ◆ Expert Witness



**We Know The Codes
BUILDING CODE COMPLIANCE**

GFA's team brings our renowned reputation for superior client service and thorough knowledge and complete understanding of Florida's Building Code(s). Our team of professionals have many years of experience and have provided Building Code Administration, Inspection, Permit Plan Review and Fire Safety services for dozens of municipalities, schools, government agencies and private clients.

- ◆ Private Provider Services
- ◆ Municipal Support Services
- ◆ Blower Door Testing Services



I. AUTHORIZED REPRESENTATIVE

31. SIGNATURE

33. NAME AND TITLE

Frederick G. Kaub, P.G. / President

The foregoing is a statement of facts.

32. DATE
9/09/2019



TAB B: MANAGEMENT PLAN



Continuing Geotechnical Services
RFQu #20190074

September 10, 2019

TAB B: MANAGEMENT PLAN



COMMUNICATION METHODS & PROCEDURES

It will be its responsibility of the GFA Contract Manager, Thomas Montano, P.E., to interact with the City of Port St. Lucie and the assigned project team to determine how the needs of the project will be best served on an item-by-item basis. Once awarded a project, GFA's management team will meet with City of Port St. Lucie representatives to identify cost estimates for project scope. Recommendations will be to manage cost before the work has begun, and once cost issues have been resolved, GFA will commence work. Work assignments will be delegated to the appropriate Senior and Staff professionals within our organization for execution.

At that time, project milestone dates will be established, and the quality assurance project plan will be implemented. A project information sheet will then be processed within the GFA office to specify what the job consists of and what distribution will be required for reporting. As field work is completed, a dedicated staff professional will then proceed to produce reporting data and formalize the deliverable work products. Drafts of the deliverables will then be reviewed between the Senior Staff Professional and the Project Manager. A final deliverable work product will then be issued for the client use. If required, draft reports can be reviewed by the City of Port St. Lucie for any additional comments prior to the final deliverables.

Key personnel within the company will remain easily accessible at all times and the project representatives will be well informed of the status of ongoing progress. During field activities, Senior and Staff Professionals will be performing regular site visits to verify the continuity of the work plan. If the work plan needs modification based on project specific conditions, adjustments can be made. The client will be notified in each case prior to the implementation of additional or alternative services. Our technical crews are available on a 24-hour basis if required GFA will provide the

City with a telephone number for 24-hour service. We understand that at certain times (i.e., nights, holidays and weekends), our services may be needed, so as not to disrupt City of Port St. Lucie functions, we will be fully prepared to respond. It is typical to be servicing projects around the clock, whether it is scheduled work or emergency in nature.

It is our mission to communicate with the City of Port St. Lucie before and during the work to come to mutually agreeable terms. We intend to provide the City with a level of comfort knowing that GFA views cost management as a critical concern. It is GFA's obligation to be cost conscious in our attempt to ensure that all of the City of Port St. Lucie's needs are met. We are responsive to the needs of our clients without compromising the integrity of the work and have developed an effective policy in partnering with our clients throughout the term of our contracts. During the duration of the contract, GFA will continuously communicate potential areas for improvement with the City's team members.

It is GFA's obligation to be cost conscious in our attempt to ensure that all of the City of Port St. Lucie's needs are met. We are responsive to the needs of our clients without compromising the integrity of the work and have developed an effective policy in partnering with our clients throughout the term of our contracts. During the duration of the contract, GFA will continuously communicate potential areas for improvement with the City's team members.

GFA maintains full management control over the scheduling and quality of our work. Should a problem arise, we would urge your representative to contact our Senior Management and/or Principals for immediate resolution. Since inception, GFA has made a commitment to an open-door policy with all of our clients and team members and have found this to be a mutually beneficial approach.

DUTIES, RESPONSIBILITY & AUTHORITY

Thomas Montano, P.E., Project Manager

- Coordination of entire project
- Resolve all conflicts
- Ensure all Quality Assurance for Construction Materials Testing Services
- Authority to authorize work and negotiate changes with Contracting Officer (or Representative)

John Kent, P.E., Sr. Project Engineer

- Reports directly to the Contract Manager
- Assist the Contract Manager with the coordination of entire project
- Assist the Contract Manager with resolutions of conflicts



- Has the authority to reject or approve work and QA of materials tested
- Assist the Contract Manager to ensure all Quality Assurance for Geotechnical and Construction Materials Testing Services
- Acts as the alternate authority to authorize work and negotiate changes with Contracting Officer Representative (COR)

Paul H. Danforth, P.E., Regional VP / Sr. Professional Engineer

- Assist the Contract Manager to ensure all Quality Assurance for Geotechnical and Construction Materials Testing Services
- Assist the Contract Manager with resolutions of conflicts
- Has the authority to reject or approve work and QA of materials tested

Erik Soderstrom, E.I., Geotechnical Department Manager

- Reports directly to the Contract Manager
- Manages and coordinates Geotechnical field work

Mark Barkley, QC/Materials Testing Manager

- Reports directly to the Contract Manager
- Manages and coordinates all work performed by Materials Testing department.

Ron Robinson, Laboratory Manager

- Reports directly to the Contract Manager
- Manages and coordinates all work performed by CMT Laboratory Staff

Various QA Laboratory / Field Technicians

- Reports directly to the Laboratory / Field Manager
- Perform all required QA materials testing services
- Create all required field and laboratory reports

SCHEDULING

- Licensed and experienced geotechnical and material testing personnel will be provided to The City of Port St. Lucie on an as-needed basis.
- For emergency situations that may occur outside of normal business hours, GFA's personnel will be available and can be notified by The City at any time.
- Geotechnical Professionals and Technicians can be made available within 24 to 48 Hours (Same Day if Necessary).
- All GFA personnel will have cell phones, vehicles (equipped with GPS for efficient scheduling) and required equipment.

COORDINATION AND TIME FRAME PROCEDURES

- GFA will schedule all required testing with contractors and construction managers.
- Various QA Laboratory / Field Technicians
- Reports directly to the Laboratory / Field Manager
- Perform all required QA materials testing services
- Create all required field and laboratory reports

EXPERIENCE IN HANDLING ALL REQUESTED SERVICES AND ASSOCIATED TIME FRAMES

- GFA has extensive experience with all geotechnical and material testing requests.
- GFA can handle all the coordination efforts of Geotechnical Professionals and Technicians for several construction sites involving varied stages of construction completion.

REPORTING - GFA RePORT AND METAFIELD®



MetaField® is an integrated Field Information Management System (FIMS) developed for the engineering and construction industry. It serves the needs of multidisciplinary civil, engineering, testing, and environmental consulting firms that conduct significant operations in the field and in the lab where the remote gathering of testing information, materials samples, special inspections, discrepancy management and construction observation data is required.

MetaField® addresses the entire process, from project setup and specification, through scheduling and dispatch, field data collection, geo-coding of transactions using mobile GPS services, monitoring, quality control, exception/discrepancy management, report generation, report delivery, and ongoing data mining.

- Live monitoring of field activities and QA work flow for data review and client reporting
- Editing and review of discrete field and test data
- Failure/exception tracking
- Discrepancy management and reporting



With GFA RePORT, our clients receive field observations, test

results, reports, and other deliverables almost as soon as they're completed over their own searchable and filterable custom-branded portals.

GFA RePORT replaces expensive and inefficient paper-based document management processes and provides GFA with an unbeatable competitive advantage.

Information flows seamlessly from the MetaField™ field information management system and project management, accounting, invoicing and reporting systems to clients in a straight-through fashion.

- Reduces paper and rework and improves accuracy
- Slashes document management costs
- Gives clients instant access to up-to-the-minute project data to help keep projects on track and on budget
- Provides your firm with a competitive advantage in winning new business while retaining and improving your relationship with existing clients
- Dramatically compresses the time between service delivery and payment

With GFA RePORT, our clients access information in their preferred fashion, from document repositories with full-text search capabilities to GIS and map-based images with drill-down views into field logs, soil boring/test pit logs, analytical results, reports, photographs, and other project-related documents.

INVOICING

For each project, GFA will prepare a detailed scope of work describing the tests to be performed and the corresponding fee from the per-negotiated “Schedule of Fees”. All fees are all-inclusive. Upon approval from the City, a City of Port St. Lucie issued “Work Order” will be prepared to authorize GFA to perform the services.

GFA will invoice only for the actual services provided. Each invoice will be submitted with the corresponding test results and/or report. GFA will not exceed the Work Order amount unless prior approval is received from the City with the appropriated Change Order.

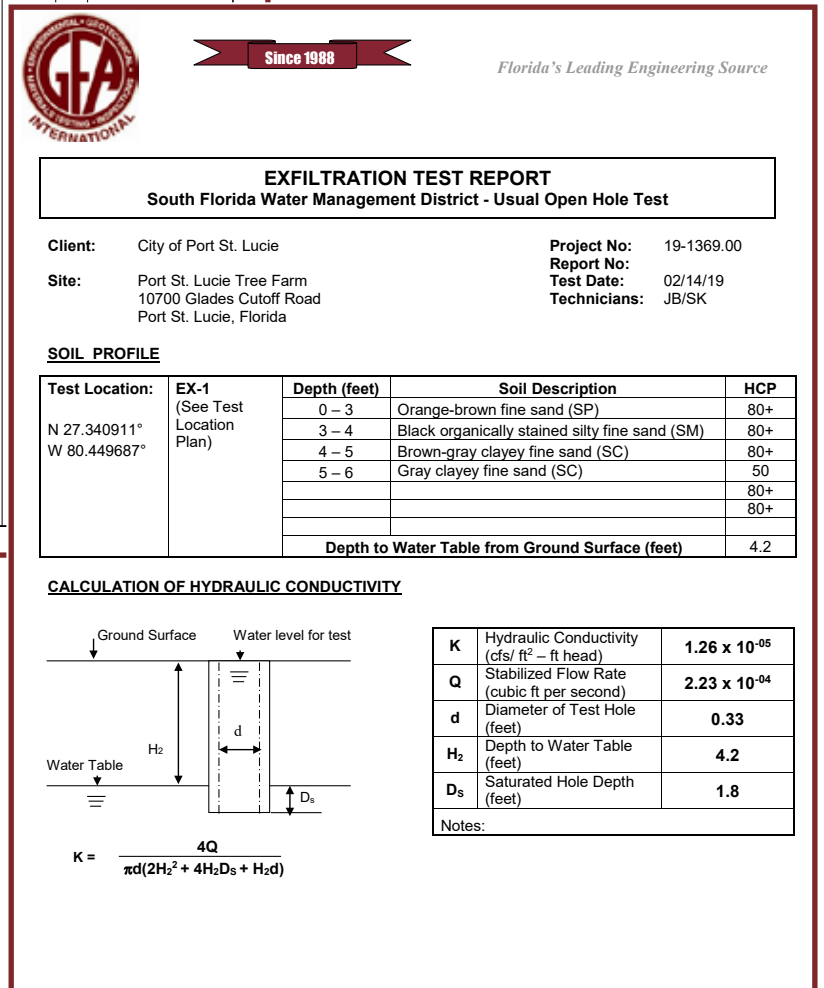
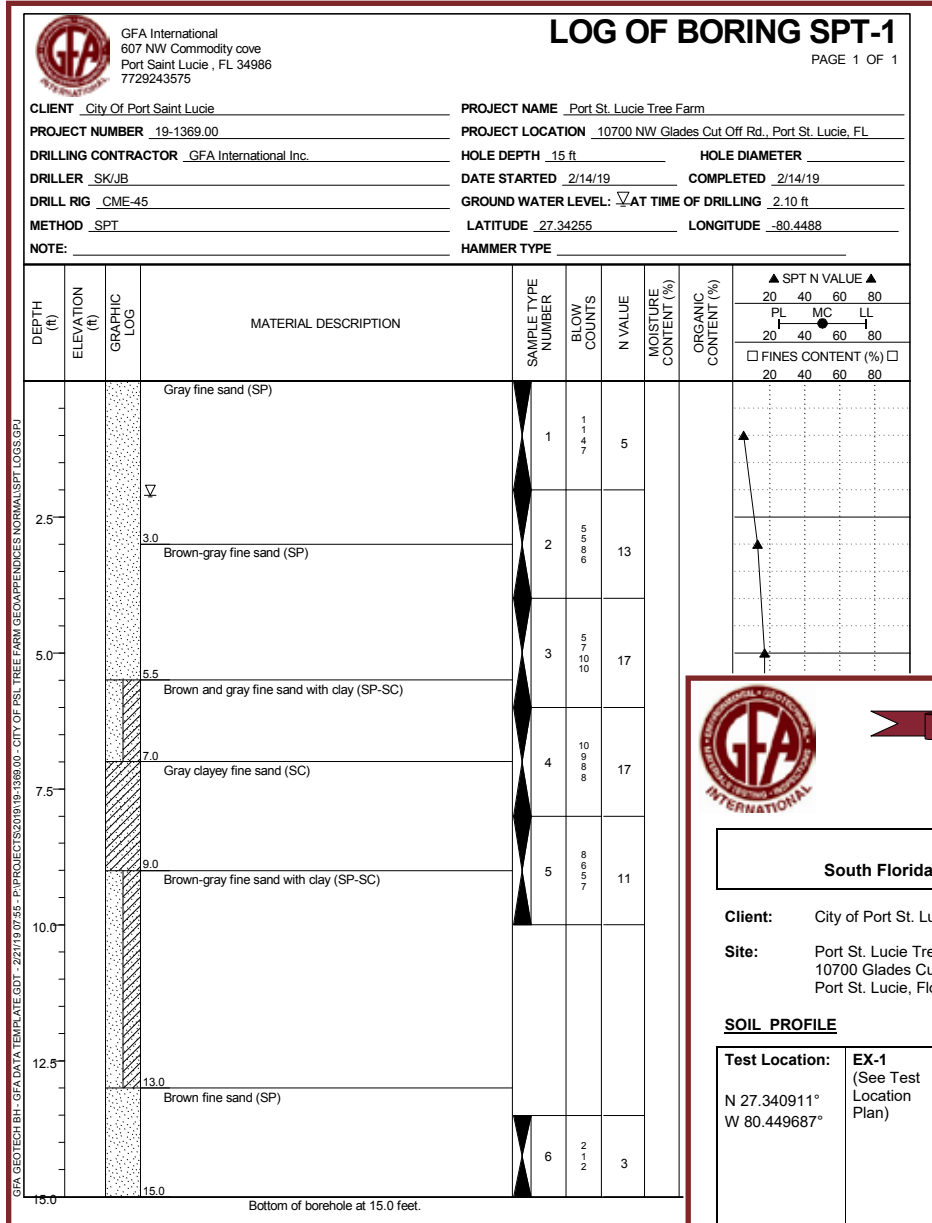
GFA will update the City of Port St. Lucie on work in progress, inform the City of problems or delays as they are encountered, and receive input from City staff on a continuing basis throughout the course of work on a project. We will provide the City with monthly reports to provide current project status information. These reports will cover activities, problems, and recommendations. The activities section of the monthly report will include work order items, percent complete, and budget status.



SAMPLE REPORTS

To provide the City of Port St. Lucie with the quality of our reports, we have included example formats for the types of testing expected under this contract, including the following:

- Soil Boring Log
- Permeability/Exfiltration Test
- Modified Proctor
- Density Test
- Limerock Bearing Ratio (LBR)

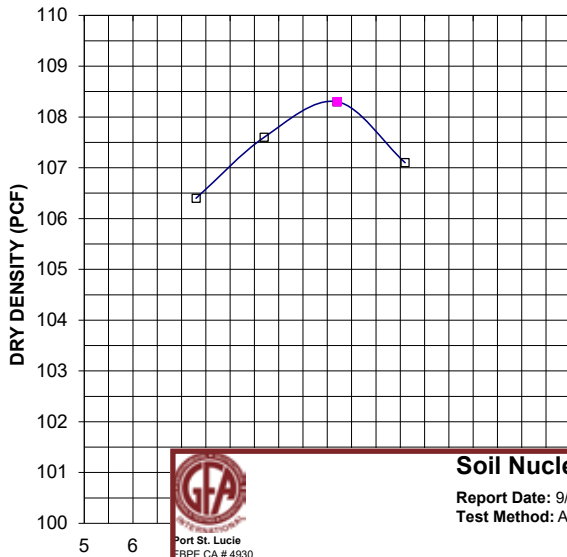




Laboratory Compaction Characteristics of Soil Using Modified Effort (Proctor) ASTM D 1557

Project: Tambay Ave Culvert Replacement (EBID-20180214-0-2018/HF) **Project ID:** 18-8822.00
Address: Tambay Ave **Report ID:** 8404
Client: City of Port St Lucie Building Department
Soil Location: Stockpile
Sampled By: J Baker **Date Sampled:** 9/6/2018
Tested By: R Robinson **Date Tested:** 9/11/2018
Soil Description: Dark brown fine sand
Test Method Used: _____ **Preparation Method Used:** Dry
Type of Rammer: Mechanical **As-received Water Content:** N/A
Comments: _____

Dry Density (pcf)	Moisture (%)
106.4	7.3
107.6	8.7
108.3	10.2
107.1	11.6



Maximum Dry Density (pcf)
108.3

Optimum Moisture (%)
10.2



Soil Nuclear Gauge

Report Date: 9/5/2019
Test Method: ASTM D 6938

Client:
 City of Port St. Lucie Building Department
 121 S.W. Port St. Lucie Blvd.
 Port St. Lucie, FL 34984-5099

Project:
 18-8822.00
 Tambay Ave. Culvert Replacement (EBID-20180214-0-2018/HF)
 Tambay Ave.
 Port St. Lucie, FL

Port St. Lucie
 FBPE CA # 4930
 607 NW Commodity Cove
 Port St. Lucie, FL 34986
 Phone: 772-924-3575 | Fax: 772-924-3580

Test Results

Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	Probe Depth (in)	Percent Compaction	Min/Max Comp. (%)	Remark
1		9/6/18	8404 D1557		N/A	10.2	108.3	9.5	107.4	12	99	98 / 105	Pass
2		9/6/18	8404 D1557		N/A	10.2	108.3	9.9	108.2	12	100	98 / 105	Pass
3		9/6/18	8404 D1557		N/A	10.2	108.3	8.6	107.5	12	99	98 / 105	Pass
4		9/6/18	8404 D1557		N/A	10.2	108.3	9.1	108.5	12	100	98 / 105	Pass
5		9/6/18	8404 D1557		N/A	10.2	108.3	9.8	105.6	12	98	98 / 105	Pass
6		9/6/18	8404 D1557		N/A	10.2	108.3	10.0	107.4	12	99	98 / 105	Pass
7		9/6/18	8404 D1557		N/A	10.2	108.3	8.7	107.5	12	99	98 / 105	Pass
8		9/6/18	8404 D1557		N/A	10.2	108.3	9.4	107.3	12	99	98 / 105	Pass

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
1	Above Bottom of Pipe: Drainage- Tambay Avenue- 5' North of C/L of Roadway, East Side of Pipe		0-1	Troxler / T3430 / 34784 /	Baker, Jeff
2	Above Bottom of Pipe: Drainage- Tambay Avenue- 5' North of C/L of Roadway, West Side of Pipe		0-1	Troxler / T3430 / 34784 /	Baker, Jeff
3	Above Bottom of Pipe: Drainage- Tambay Avenue- 8' South of C/L of Roadway, West Side of Pipe		1-2	Troxler / T3430 / 34784 /	Baker, Jeff
4	Above Bottom of Pipe: Drainage- Tambay Avenue- 2' North of C/L of Roadway, East Side of Pipe		1-2	Troxler / T3430 / 34784 /	Baker, Jeff
5	Above Top of Pipe: Drainage- Tambay Avenue- 10' North of C/L of Roadway		2-3	Troxler / T3430 / 34784 /	Baker, Jeff
6	Above Top of Pipe: Drainage- Tambay Avenue- 4' South of C/L of Roadway		2-3	Troxler / T3430 / 34784 /	Baker, Jeff
7	Above Top of Pipe: Drainage- Tambay Avenue- 2' North of C/L of Roadway		3-4	Troxler / T3430 / 34784 /	Baker, Jeff
8	Above Top of Pipe: Drainage- Tambay Avenue- 5' South of C/L of Roadway		3-4	Troxler / T3430 / 34784 /	Baker, Jeff

Remarks	Comments
Pass: Tests results comply with specifications	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

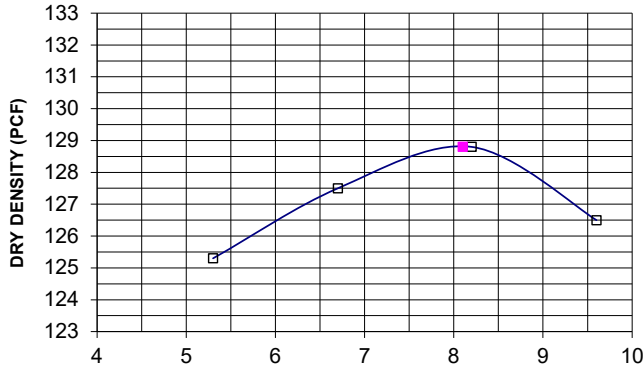
Test report shall not be

Environmental • Ge



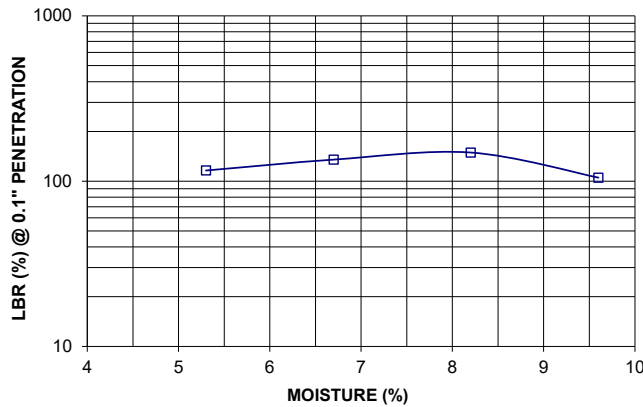
Limerock Bearing Ratio Florida Method FM 5-515

Project: Russo Road at PFWCD Canal 7 Culvert Replacement **Project ID:** 16-1377.02
Address: Russo Road and Russakis Road, Fort Pierce, St. Lucie County **Report ID:** 8119 - LBR
Client: St. Lucie County Public Works/Engineering
Soil Location: Stockpile
Sampled By: Chad Williams **Date Sampled:** 6/22/2018
Tested By: Ron Robinson **Date Tested:** 6/25/2018
Soil Description: Cemented coquina
Soil Classification: Not Required **Type of Rammer:** Mechanical
Rammer Face: Sector of a Circle **Soak Time (hrs):** 48 **Surcharge (lbs):** 0
Comments: _____



Dry Density (pcf)	Moisture (%)
125.3	5.3
127.5	6.7
128.8	8.2
126.5	9.6

LBR (%)
116.0
135.0
149.0
105.0



Maximum Dry Density (pcf)
128.8
Optimum Moisture (%)
8.1
Limerock Bearing Ratio (%)
150

Respectfully Submitted,
GFA INTERNATIONAL, INC.
 FBPE CA # 4930

9/5/2019

John Kent, P.E.
 Professional Engineer # 63218
 State of Florida

Test report shall not be reproduced, except in full, without the written approval of GFA International



TAB C: CURRENT CONTRACTS



Continuing Geotechnical Services
RFQu #20190074

September 10, 2019

TAB C:
CURRENT CONTRACTS



GFA International, Inc. does not have any current or pending contracts that could pose a potential conflict of interest under this contract.

CURRENT CITY OF PORT ST. LUCIE CONTRACTS

GFA International, Inc. currently holds a contract with the City of Port St. Lucie for E-RFP #20180093 Continuing Geotechnical Services, which was executed on October 3, 2018.



TAB D: FIRM'S LOCATION



Continuing Geotechnical Services
RFQu #20190074

September 10, 2019

TAB D:
FIRM'S LOCATION

GFA International, Inc.'s local office is located at 607 NW Commodity Cove, Port St. Lucie, Florida 34986. GFA has had a local office in the City of Port St. Lucie since 2012.



CITY OF PORT SAINT LUCIE BUSINESS TAX RECEIPT

PLEASE POST IN CONSPICUOUS PLACE OR KEEP ON PERSON

Term: 10/1/ 2018 — 9/30/ 2019

2018 - 2019

Business Address: **607 NW COMMODITY COVE**

BTR#: 127198

Date Made: 09/24/2018

Business Name: **GFA INTERNATIONAL INC**

Mailing Address: **607 NW COMMODITY COVE**

PORT ST LUCIE, FL 34986

John Grayson
Business Tax Authority

Category: **Category 3 PROFESSIONAL**

\$134.00

Additional Data: **ENGINEERING FIRM**

Total Tax Paid: \$134.00



TAB E: FIRM'S WORK PLANS



Continuing Geotechnical Services
RFQu #20190074

September 10, 2019

TAB E:
FIRM'S WORK PLANS

GFA International, Inc. does not have any special concerns or accommodations needed to successfully complete any project awarded under this contract. GFA will supply all the necessary tools, equipment, and software necessary to complete any project.





TAB F: PRIOR LITIGATION, ARBITRATION, AND CLAIMS



Continuing Geotechnical Services
RFQu #20190074

September 10, 2019

TAB F: **PRIOR LITIGATION, ARBITRATION, AND CLAIMS**



GFA International, Inc. has not been involved in any litigation, arbitration or claims involving the City of Port St. Lucie or St. Lucie County in our thirty-two year history.

LITIGATION, ARBITRATION, AND PROFESSIONAL CLAIMS

There has been no litigation, judgments, or settlements of court cases filed against GFA International, Inc. (GFA) in the past five (5) years other than the following:

1. On March 11, 2015, a Complaint was filed against GFA, et al, by 2700 North Ocean Condominium Association, Inc. (Case No. 50-2014-CA-010718-XXXX-MB (AI) in the 15th Judicial Court in Palm Beach County). GFA provided third-party plan review, building inspections, threshold inspections and construction materials testing for two (2) 27-story condominium buildings. The plaintiff(s) are alleging negligence for failure to properly inspect certain aspects of the building construction. GFA has denied all liability and is currently defending the claim.
2. On June 27, 2016, a Complaint was filed by Anyel Lizeth Muriel-Caecido against GFA (Case CACE-16-011876 in the 17th Judicial Circuit – Broward County) relating to alleged personal injuries from a traffic accident involving a GFA employee. GFA has denied all liability and is currently defending this claim.
3. On February 1, 2017, a Complaint was filed by Altman Glenewinkel Construction against Orange and Blue Construction (Case No. 50-2017-CA-001280-XXXX-MB in the 15th Judicial Court in Palm Beach County) involving alleged construction defects for a 6-story apartment complex in Boca Raton (Altis Fairway Commons). On July 26, 2018, the Complaint was amended to include GFA, et al. GFA provided private provider plan review, building inspections and threshold inspections for the project. The plaintiff is alleging negligence for failure to properly inspect certain aspects of the building construction. GFA has denied all liability and is currently defending the claim.
4. On February 21, 2017, a Complaint was filed against GFA, et al, by Swire Pacific Holdings, Inc. (Case No. 2016-000804-CA-40) in the 11th Judicial Court in Miami-Dade County. GFA provided limited structural observations and construction materials testing on a 36-story condominium project (Asia Condominium). The plaintiff(s) are alleging negligence for failure to properly inspect certain limited aspects of the building construction. GFA has denied all liability and is currently defending the claim.
5. On October 3, 2017, a Complaint was filed by Chaqueeta Davis against GFA (50-2017-CA-010915-XXXX-MB in the 15th Judicial Court in Palm Beach County) relating to alleged personal injuries from a traffic accident involving a GFA employee. GFA denied all liability. The case was settled and dismissed on August 31, 2018.
6. On August 20, 2018, a Complaint was filed by Stock Development against GFA, et al (Case No. 18-CA-003655 in the 20th Judicial Court in Lee County) involving alleged construction defects for a multi-building condominium project (Paseo) in Lee County. GFA provided private provider building inspections, third-party quality control inspections and construction materials testing for some of the buildings within the community in 2006-7. The plaintiff is alleging negligence for failure to properly inspect certain aspects of the building construction. GFA has denied all liability and is currently defending the claim.
7. On August 20, 2018, a Complaint was filed by Stock Development against GFA, et al (Case No. 11-2018-CA-002256-0001-XX in the 20th Judicial Court in Collier County) involving alleged construction defects for a multi-building condominium project (Ole at Lely) in Collier County. GFA provided private provider building inspections, third-party quality control inspections and construction materials testing for some of the buildings within the community in 2006-7. The plaintiff is alleging negligence for failure to properly inspect certain aspects of the building construction. GFA has denied all liability and is currently defending the claim.



TAB G: OTHER MATERIAL



Continuing Geotechnical Services
RFQu #20190074

September 10, 2019

EQUIPMENT TO ACCOMPLISH THE WORK

GFA's equipment resources are considered to be second to none in the industry. From the conventional to unconventional, the firm has the most modern machinery, tooling, electronic data collection and testing systems available to service your design and construction service needs.



Our Sonic GeoProbe Drill Rig can be used for many purposes including sampling difficult formations 2-3 times faster over conventional systems. We also have enough laboratory equipment in the firm's inventory to construct and deliver a fully-operational on-site laboratory at low cost to the our clients if needed.

The following is a listing of subsurface exploration and laboratory equipment owned and operated by GFA International, Inc. that will be available for servicing this contract.

Geotechnical Vehicles & Equipment

- (2) 7822DT track mounted Geoprobe Drill Rig
- (1) 8150LS track mounted Sonic Geoprobe
- (1) 3230DT track mounted Geoprobe Drill Rig
- (1) 3100GT truck mounted Geoprobe Drill Rig
- (1) GMC F450 w/ Simco 2400 Drill Rig
- (1) International 8100 w/ Diedrich D-50 Drill Rig
- (1) Freightliner M2 w/ CME 75 Drill Rig
- (1) CME 45 truck mounted Drill Rig
- (1) CPT Drill Rig
- (1) Simco Drill Rig
- (1) Ardco Buggy w/ Mobil Diedrich B-50 Drill Rig
- (1) Swamp/Track Rig w/ CME 45 Drill Rig
- (1) Barge Platform w/ CME 45 Drill Rig
- (2) Tripod Rigs
- Single Axle Tooling Trailer
- Tandem Axle Wooden Trailer
- International Trailboss Trailer

Core Machine / Generator Trailer

Size/Model	Description	Length
2"	Solid Stem Auger	230'
3 1/4"	Hollow Stem Auger	250'
4 1/4"	Hollow Stem Auger	160'
6 5/8"	Hollow Stem Auger	120'
10 1/4"	Hollow Stem Auger	140'
3 1/4"	Casing	210'
6 1/4"	Casing	230'

NWJ	Drill Rod	200'
AWJ	Drill Rod	250'
3 1/4"	Drive Caps	
4 1/4"	Drive Caps	
6 5/8"	Drive Caps	
10 1/4"	Drive Caps	
3 1/4"	Cutter Heads	
4 1/4"	Cutter Heads	
6 5/8"	Cutter Head	
10 1/4"	Cutter Heads	
Lenx	Split Spoon Samplers	
100 Gallon	Mud Pan	
150 Gallon	Mud Pan	
250 Gallon	Mud Pan	
300 Gallon	Water Tank	
12"	Roller Cone Bits	
10"	Roller Cone Bits	
10"	Drag Bits	

Additional Geotechnical Equipment

DDC-7001	Cut Saws
	Electric Jack Hammer
	Portable Drill Rig
	Generators
	Steam Cleaners
	Centrifugal Pumps
	Core-Barrels
	Core-Barrels
	Concrete Vibrator
	Aluminum Boat
	Arc Welder
	Ground Penetrating Radar
Tri-Pod (2)	
6000 Watt	
385 BD	
5-HP (3)	
Nx	
2", 4", 6" & 10" diameter	
G75P	
12'	
Lincoln	
Mala Geosciences	

Miscellaneous Specialized Equipment

- Pile Driving Analyzers (PDA)
- Ground Penetrating Radar
- Handheld Groundwater Multi-meter
- Sampling Pump Peristaltic Groundwater
- Portable Drill Rig Tri-pod
- Generators (2,500 – 35,000 kw)
- Centrifugal Pumps
- Seismographs

Materials Testing Equipment

- Organic Impurities Kit
- Concrete Compression Machines (250,000 – 400,000 capacity)
- Air Entrainment Meters
- Windsor Probe
- Asphalt Centrifuge
- Muffle Furnace
- Soils & Gravity Convention Ovens
- Atterburg Limits Equipment
- LBR Press & Triaxial Load Press
- Liquid Limits Machine
- LA Abrasion Meter
- Jaw Crusher
- Soil Pulverizer
- Floor Flatness Meter

SIMILAR PROJECT EXPERIENCE

GFA's impeccable reputation has allowed the successful assistance numerous government departments and municipalities with a wide range of services. Our track record of holding similar past and present continuing contracts, some which have been renewed multiple times, is evidence of our ability to comply with all of the requirements of his contract. Our clients are confident that services will be delivered on-time utilizing a cost-effective approach.

GFA's experience, staff, and scope of service capabilities are a perfect match for the services required for this contract. The following is a table of our current similar continuing contract experience.

RFP/Q DATE	ISSUING AUTHORITY	SERVICE PROVIDED	RFP #	CONTRACT TERM	END DATE OF CURRENT TERM	EXTENSION PERIOD
10/17/18	Martin County	Geotechnical Engineering, Construction Materials Testing	RFQ 2019-3095 Geotechnical Engineering Services	3 Years + 2 One Year Renewals	12/11/2021	Original Award Period
06/27/18	Indian River County	Geotechnical Engineering, Construction Materials Testing	IRC-1812 Continuing Geotechnical Services	3 Years + 1 2 Year Renewal	12/4/2021	Original Award Period
06/14/18	Loxahatchee River District	Geotechnical Engineering, Construction Materials Testing	Open Purchase Order: Construction Materials Testing Services - Piggyback off of Town of Jupiter Contract W1821A		04/16/2021	Original Award Period
3/16/2018	City of Port St. Lucie	Geotechnical Engineering Services	E-RFP 20180093	5 years	2023	Original Award Period
02/27/18	Town of Jupiter	Geotechnical (GEO) and Materials Testing Services	RFP W1821	3 Years + 1 3 Year Extension	3/25/2021	Original Award Period
7/18/2017	SFWMD	Geotechnical Engineering Services	RFP 6000000836	3 years + 2 - 1 year renewals	9/30/2020	Original Award Period
5/25/2017	St. Lucie Public Schools	Geotechnical and Material Testing Services	RFQ # 17-27	1 year + 2 - 1-year renewals	5/9/2019	Original Award Period
6/1/2016	St. Lucie County	Geotechnical Engineering and Construction Materials Testing Services	RFQ 16-034	5 Years	8/16/2021	Original Award Period
8/25/2015	Martin County Schools	Geotechnical Engineering	RFQ 30001-0-2016JC: Continuing Service Providers for Architect and Engineering Services	Open Ended		Original Award Period
6/19/2015	Palm Beach Gardens	Environmental Assessments Geo-Technical Services	RFQ 2015-010PZ: Professional Svcs	5 Years	9/30/2020	Original Award Period



TAB H: PROPOSED SCHEDULE



Continuing Geotechnical Services
RFQu #20190074

September 10, 2019

TAB H: PROPOSED SCHEDULE

PROPOSED SCHEDULE

GFA International, Inc. is committed to providing the requested Geotechnical and Materials Testing services in a timely manner. Upon receiving Once awarded a project, GFA's management team will meet with City of Port St. Lucie representatives to identify cost estimates for project scope. Recommendations will be to manage cost before the work has begun, and once cost issues have been resolved, GFA will commence work. Work assignments will be delegated to the appropriate Senior and Staff professionals within our organization for execution.

At that time, project milestone dates will be established, and the quality assurance project plan will be implemented. A project information sheet will then be processed within the GFA office to specify what the job consists of and what distribution will be required for reporting. As field work is completed, a dedicated staff professional will then proceed to produce reporting data and formalize the deliverable work products. Drafts of the deliverables will then be reviewed between the Senior Staff Professional and the Project Manager. A final deliverable work product will then be issued for the client use. If required, draft reports can be reviewed by the City of Port St. Lucie for any additional comments prior to the final deliverables.



GFA will respond to any request to requests for technicians within 24 hours. Geotechnical Professionals and Technicians can be made available within 24 to 48 Hours. We also understand that emergencies happen, and, if need be, can provide technicians same day. GFA will provide the City with a telephone number for 24-hour service. We understand that at certain times (i.e., nights, holidays and weekends), our services may be needed, so as not to disrupt City of Port St. Lucie functions, we will be fully prepared to respond. All GFA personnel are provided with cell phones, vehicles (equipped with GPS for efficient scheduling) and required equipment.

GFA is committed to providing the City of Port St. Lucie with final test results as soon as possible after field testing is completed. GFA utilizes state of the art technology to streamline the reporting process, saving our clients time and money. Verbal preliminary results will be available, when necessary, as testing is completed.

GFA'S QUALITY CONTROL ORGANIZATION

All scheduling requests will be requested through Tom Montano, P.E., who will serve as the Contract Manager. It will be his responsibility to coordinate with GFA's appropriate, qualified personnel to conduct the required tests.

Mark Barkley, the Construction Materials Testing/QC Manager will then review all field and lab tests and has the authority to reject or approve the work and the Quality Assurance of materials tested. Upon approval and completion of the tests, the Contract Manager (Tom Montano, P.E.) will ensure that all Quality Assurance procedures were completed for all approved tests.

It is also the responsibility of the Contract Manager and/or communicate and coordinate with the Contracting Officer Representative (COR) and the designated Project Manager (PM).

Paul H. Danforth, P.E. will be responsible for assisting the contract manager and project managers with ensuring all quality assurance for geotechnical and materials testing projects. He also has the authority to approve or reject work and QA of materials tested.

Erik Soderstrom, E.I. will be responsible for coordinating all Geotechnical projects with the City and/or project contractors. He will schedule geotechnical field work to be completed.

John Kent, P.E., will be responsible for review all geotechnical field work, as well as assisting the Contract Manager to ensure all Quality Assurance for Geotechnical and Construction Materials Testing Services. Mr. Kent will complete Geotechnical Reports with project recommendations for any proposed construction and sign all materials testing reports.

Ron Robinson will coordinate and manage all work performed by the materials testing laboratory staff, ensuring all appropriate ASTM standards are followed.



COST SAVING APPROACH

GFA International is well aware that construction projects face many challenges: budget constraints, safety issues, environmental impact, etc. By applying value methodology (also called value engineering, value analysis or value management) to construction projects, GFA International is able to save its clients significant amounts of money and time. These concepts benefit GFA clients and taxpayers by:

- Reducing project costs
- Reducing paperwork
- Simplifying procedures
- Improving project schedules
- Reducing waste
- Increasing efficiency
- Using resources more effectively
- Developing innovative solutions



VALUE METHODOLOGY APPLICABILITY

GFA applies Value Methodology wherever cost and/or performance improvement is desired. That improvement can be measured in terms of monetary aspects and/or other critical factors such as productivity, quality, time, energy, environmental impact and durability. It can beneficially be applied to virtually all areas of construction. With respect to this submittal, Value Methodology is applicable to professional engineering services primarily in the Geotechnical arena.

COST CONTROL

It is GFA's obligation to be cost conscious in our attempts to ensure that our client's needs are met. We are responsive to the needs of our clients without compromising the integrity of the work and have developed an effective policy in partnering with our clients throughout the term of our contracts.

Once awarded a project, GFA's principal management team will meet with City representatives to identify cost estimates for the full scope of a project. Recommendations will be made at this point to manage costs before the actual work has begun, and once cost issues have been resolved, only then does GFA commence work.

It is our mission to communicate with our client before and during the work to come to mutually agreeable terms. We intend to provide the City with a level of comfort knowing that GFA International views cost management as a critical concern.

GFA maintains full management control over the scheduling and quality of our work. Should a problem arise with which the City is not comfortable, we would urge your representative to contact our Senior Management and or Principals in our firm for immediate resolution. Since the company's inception, we have made a commitment to an "open door" policy with all of our clients and employees and have found this to be profitable and agreeable to both.





TAB I: FINANCIAL STABILITY



Continuing Geotechnical Services
RFQu #20190074

September 10, 2019

TAB I: FINANCIAL STABILITY



GFA International, Inc. has provided the requested financial statements in a separate file marked confidential.

LITIGATION, ARBITRATION, AND PROFESSIONAL CLAIMS

There has been no litigation, judgments, or settlements of court cases filed against GFA International, Inc. (GFA) in the past five (5) years other than the following:

1. On March 11, 2015, a Complaint was filed against GFA, et al, by 2700 North Ocean Condominium Association, Inc. (Case No. 50-2014-CA-010718-XXXX-MB (AI) in the 15th Judicial Court in Palm Beach County). GFA provided third-party plan review, building inspections, threshold inspections and construction materials testing for two (2) 27-story condominium buildings. The plaintiff(s) are alleging negligence for failure to properly inspect certain aspects of the building construction. GFA has denied all liability and is currently defending the claim.
2. On June 27, 2016, a Complaint was filed by Anyel Lizeth Muriel-Caecido against GFA (Case CACE-16-011876 in the 17th Judicial Circuit – Broward County) relating to alleged personal injuries from a traffic accident involving a GFA employee. GFA has denied all liability and is currently defending this claim.
3. On February 1, 2017, a Complaint was filed by Altman Glenewinkel Construction against Orange and Blue Construction (Case No. 50-2017-CA-001280-XXXX-MB in the 15th Judicial Court in Palm Beach County) involving alleged construction defects for a 6-story apartment complex in Boca Raton (Altis Fairway Commons). On July 26, 2018, the Complaint was amended to include GFA, et al. GFA provided private provider plan review, building inspections and threshold inspections for the project. The plaintiff is alleging negligence for failure to properly inspect certain aspects of the building construction. GFA has denied all liability and is currently defending the claim.
4. On February 21, 2017, a Complaint was filed against GFA, et al, by Swire Pacific Holdings, Inc. (Case No. 2016-000804-CA-40) in the 11th Judicial Court in Miami-Dade County. GFA provided limited structural observations and construction materials testing on a 36-story condominium project (Asia Condominium). The plaintiff(s) are alleging negligence for failure to properly inspect certain limited aspects of the building construction. GFA has denied all liability and is currently defending the claim.
5. On October 3, 2017, a Complaint was filed by Chaqueeta Davis against GFA (50-2017-CA-010915-XXXX-MB in the 15th Judicial Court in Palm Beach County) relating to alleged personal injuries from a traffic accident involving a GFA employee. GFA denied all liability. The case was settled and dismissed on August 31, 2018.
6. On August 20, 2018, a Complaint was filed by Stock Development against GFA, et al (Case No. 18-CA-003655 in the 20th Judicial Court in Lee County) involving alleged construction defects for a multi-building condominium project (Paseo) in Lee County. GFA provided private provider building inspections, third-party quality control inspections and construction materials testing for some of the buildings within the community in 2006-7. The plaintiff is alleging negligence for failure to properly inspect certain aspects of the building construction. GFA has denied all liability and is currently defending the claim.
7. On August 20, 2018, a Complaint was filed by Stock Development against GFA, et al (Case No. 11-2018-CA-002256-0001-XX in the 20th Judicial Court in Collier County) involving alleged construction defects for a multi-building condominium project (Ole at Lely) in Collier County. GFA provided private provider building inspections, third-party quality control inspections and construction materials testing for some of the buildings within the community in 2006-7. The plaintiff is alleging negligence for failure to properly inspect certain aspects of the building construction. GFA has denied all liability and is currently defending the claim.

ADVERSE ACTIONS

There has not been any adverse actions sanctioned by any regulatory authorities over the last five (5) years against GFA International, Inc.

DEFAULTS ON CONTRACTS

GFA International, Inc. has never defaulted on a contract to provide services for any awarded project in our thirty-two year history.

SUSPENSION AND DEBARMENT

GFA International, Inc. has never had any suspensions or debarments by any government entity and has no prior convictions for bribery, theft, forgery, embezzlement, falsification or destruction of records, antitrust violations, or any prior violation of City or County ethical standards.





TAB J: WOMAN/VETERAN/MINORITY OWNED BUSINESS



Continuing Geotechnical Services
RFQu #20190074

September 10, 2019

TAB J:
WOMAN/VETERAN/MINORITY OWNED BUSINESS



MINORITY CERTIFICATION

Though GFA International, Inc. is not a certified woman, veteran, or minority owned business enterprise, when it is possible, we make every effort to team and sub-contract with Small or Minority Business firms.

GFA International, Inc. is however a Certified Federal Small Business under the following NAICS Codes:

- #541330 Engineering Services
- #541350 Building Inspection Services
- #541380 Testing Laboratories
- #541620 Environmental Consulting Services
- #541990 All Other Professional, Scientific, And Technical Services
- #36220 Commercial And Institutional Building Construction
- #237110 Water And Sewer Line And Related Structures Construction
- #237990 Other Heavy And Civil Engineering Construction
- #237990 Dredging And Surface Cleanup Activities
- #541330 Marine Engineering And Naval Architecture
- #562112 Hazardous Waste Collection
- #562910 Remediation Services
- #562910 Environmental Remediation Services



TAB K: VALUE-ADDED SERVICES



Continuing Geotechnical Services
RFQu #20190074

September 10, 2019

**TAB K:
VALUE-ADDED SERVICES**

In addition to providing the City of Port St. Lucie with Geotechnical and Construction Materials Testing Services, we can also offer Building Inspections, Code Compliance, Environmental Consulting, and Industrial Hygiene and Health & Safety services as needed.



Florida's Leading Engineering Source



Since 1988, GFA has carefully constructed our solid, state-wide reputation for superior service, trustworthy business management, and strict attention to health, safety and innovative engineering.

- ▲ Environmental Consulting
- ▲ Geotechnical Engineering
- ▲ Construction Materials Testing
- ▲ Threshold & Special Inspections
- ▲ Building Code Compliance
- ▲ Contractor QC Services
- ▲ Subcontract Drilling Services
- ▲ Industrial Hygiene Consulting
- ▲ Environmental Health & Safety

CORPORATE HEADQUARTERS

1215 Wallace Drive
Delray Beach, Florida 33444
Toll Free: (800) 226-7522
Phone: (561) 347-0070

TeamGFA.com
Offices Throughout Florida

**We Know Earth Work
GEOTECHNICAL SERVICES**

Proper groundwork must be completed before laying the foundation for any successful project. Our Geotechnical Engineering Specialists utilize advanced geotechnical drilling equipment and a full support staff of highly skilled technicians. Utilizing the latest design software to evaluate your site, we provide innovative, practical recommendations for support of all types of structures. GFA specializes in foundation recommendations and geotechnical analysis including:

- ◆ Preliminary Site Reconnaissance
- ◆ Subsurface Soil Investigations
- ◆ Foundation Analysis
- ◆ Dynamic Cone Penetrometer
- ◆ Double Ring Infiltrometer
- ◆ Pile Load Testing
- ◆ Exfiltration Tests
- ◆ Infiltration Tests
- ◆ Standard Penetration Testing
- ◆ Static Cone Penetration Tests
- ◆ Drilling
- ◆ Rock Coring
- ◆ Split Spoon Sampling
- ◆ Muck Probes
- ◆ Roadway Cores
- ◆ Undisturbed Sampling of Soil
- ◆ Ground Penetrating Radar



**We Keep Florida Safe & Sound
BUILDING INSPECTIONS**

GFA can provide in-progress construction inspection services on a variety of residential and commercial projects in order to optimize contractor and subcontractor compliance with approved plans, building codes having jurisdiction and accepted industry standards.

- ◆ Threshold Inspections
- ◆ Special Inspections
- ◆ Unit Masonry
- ◆ Structural Steel
- ◆ Truss Engineering
- ◆ Roofing Inspections
- ◆ Fire Proofing
- ◆ Stucco
- ◆ Windows & Doors
- ◆ Foundation Systems
- ◆ Post-Tensioned Concrete



**Protecting Your Business Interests
ENVIRONMENTAL SERVICES**

GFA investigates and advises our clients on environmental issues that can effect property transactions and future development decisions. Our knowledge, experience, and understanding of potential environmental liabilities helps our clients achieve their business goals while minimizing their environmental risks. Services include:

- ◆ Phase I and II Site Assessments
- ◆ Contamination Assessment & Remediation
- ◆ Property Condition Assessments
- ◆ Underground Storage Tank Assessments, Removal & Closure
- ◆ Hazardous & Toxic Waste Assessments
- ◆ Remedial Action Plans
- ◆ Water Sampling
- ◆ Soil Testing
- ◆ Monitoring Wells
- ◆ Brownfield Assessments
- ◆ Geoprobe Services



**We Have A Strong Foundation
CONSTRUCTION MATERIALS TESTING**

GFA has extensive experience providing Construction Materials Testing (CMT) Services for developers, contractors, and government agencies. Our team of engineering technicians provide accurate testing and quality control that successfully guides our clients through stringent project specifications, difficult construction schedules and complex government regulations. With laboratories strategically located throughout the state, GFA has the expertise, experience, and staff you need for all your Construction Materials Testing Needs.

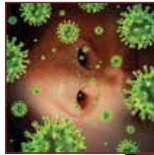
- ◆ Soils
- ◆ Concrete & Aggregate
- ◆ Asphalt
- ◆ Soil-Cement
- ◆ Construction Monitoring & Inspections



We Keep You & Your Property Healthy
INDUSTRIAL HYGIENE / ENVIRONMENTAL
HEALTH & SAFETY

GFA's team of certified industrial hygienists and safety professionals provide consulting services geared towards preventing workplace or job site exposure to chemical, biological and physical hazards; as well as comprehensive health and safety services. GFA develops cost-effective solutions for ensuring your organization is OSHA compliant. Some of our services include:

- ◆ Asbestos/Lead Abatement Planning & Consulting
- ◆ Indoor Air Quality Assessments
- ◆ HVAC Inspection & Design Review
- ◆ Mold Testing & Remediation Design
- ◆ Water Intrusion Investigations
- ◆ Comprehensive Industrial Hygiene Services
- ◆ Radon Testing Services
- ◆ Hazardous Material Survey/Monitoring
- ◆ OSHA Compliance Audits/Gap Assessments
- ◆ OSHA Program Support/Outsourcing
- ◆ OSHA Monitoring
- ◆ Training
- ◆ Expert Witness



OUR MISSION STATEMENT

To provide world-class engineering services to our customers with a dedication to professionalism, customer satisfaction, accuracy, timeliness and unparalleled value.

We Have The Credentials

GFA is a licensed Professional Engineering, Geology and Asbestos business. We are also a certified Small Business for NAICS Codes:

- ▲ 541330 Engineering Services
- ▲ 541350 Building Inspection Services
- ▲ 541380 Testing Laboratories
- ▲ 541620 Environmental Consulting
- ▲ 541990 All Other Professional, Scientific, and Technical Services
- ▲ 562112 Hazardous Waste Collection
- ▲ 562910 Remediation Services
- ▲ 236220 Commercial and Institutional Building Construction
- ▲ 237110 Water / Sewer Line and Related Structures Construction
- ▲ 237990 Other Heavy and Civil Engineering Construction

We Know The Codes
BUILDING CODE COMPLIANCE

GFA's team brings our renowned reputation for superior client service and thorough knowledge and complete understanding of Florida's Building Code(s). Our team of professionals have many years of experience and have provided Building Code Administration, Inspection, Permit Plan Review and Fire Safety services for dozens of municipalities, schools, government agencies and private clients.

- ◆ Private Provider Services
- ◆ Municipal Support Services
- ◆ Blower Door & Duct Leakage Testing Services



TEAM GFA CONTACTS

Our professional engineers, geologists, and operations staff are dedicated to making your project a success, both on schedule and within budget. We are proud of our commitment to maintaining the highest levels of customer service and client satisfaction.

Contact us to discuss your project's requirement and special needs.

DELRAY BEACH
(CORPORATE HEADQUARTERS)

1215 Wallace Drive
 Delray Beach, Florida 33444
 Phone: (561) 347-0070 Fax: (561) 819-1054

MIAMI

7260 NW 58TH ST
 Miami, Florida 33166
 Phone: (305) 945-1990 Fax: (305) 945-1911

PORT ST. LUCIE

607 Northwest Commodity Cove
 Port St. Lucie, Florida 34986
 Phone: (772) 489-9989 Fax: (772) 489-2989

FORT MYERS

201 Waldo Avenue North
 Lehigh Acres, Florida 33971
 Phone: (239) 489-2443 Fax: (239) 489-3438

SARASOTA

677 North Washington Boulevard
 Sarasota, Florida 34236
 Phone: (941) 893-4330 Fax: (941) 893-4331

CLEWISTON

1030 South West C Owen Avenue
 Clewiston, Florida 33440
 Phone: (561) 347-0070

LAKELAND

9565 Hancock Road
 Lakeland, FL 33810
 Phone: (863) 606-3097

TeamGFA.com

Certifications & Validations



US Army Corps of Engineers®



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TAB L: CONSULTANT'S QUESTIONNAIRE FOR RFQU-PROPOSAL #20190074



Continuing Geotechnical Services
RFQu #20190074

September 10, 2019

CONSULTANT'S QUESTIONNAIRE
RFQu #20190074
Continuing Geotechnical Services

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 Proposers to perform the work required. The Consultant waives any claim against the City that might arise with respect to any decision concerning the qualifications of the Consultant.

The undersigned attests to the truth and accuracy of all statements made on this questionnaire. Also, the undersigned hereby authorizes any public official, 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: **GFA International, Inc.**

PHYSICAL ADDRESS: **607 NW Commodity Cove, Port St. Lucie, FL 34986**

MAILING ADDRESS: **607 NW Commodity Cove, Port St. Lucie, FL 34986**

TELEPHONE NUMBER: **(772) 924-3575**

FAX NO. **(772) 924-3580**

CONTACT PERSON **Tom Montano, P.E.**

E-MAIL : **tmontano@teamgfa.com**

Is the firm incorporated? Yes - No If yes, in what state? **FLORIDA**

Provide a list of officers for this entity. **Frank Frione, CEO; Frederick G. Kaub, P.G., President; Gary H. Elzweig, P.E., F.ASCE, Chairman; Nathan Ward; Shaun Mcgruder; Michael Schmickle; Dylan Nugent**

2. PROPOSAL RESPONSE- Please attach responses to the following:

2.1. Please provide an Executive Summary.

2.2. Please complete and attach Form 330 part I and II.

2.3. Provide a listing of firm's current contracts.

2.4. What is your proposed Management Plan for this project?

2.5. Explain the overall approach to the project, including internal project management objectives and criteria.

2.6. What is your proposed Work Plan for this project?

2.7. Making adjustment for issues that may arise during this project, what is your proposed schedule for this project?

2.8. Does the firm recommend any optional value-added services to this project?

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

2.10. 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).

2.11. List any judgments from lawsuits in the last five (5) years: (N/A is not an acceptable answer).

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

2.13. Please provide firm's financial disclosure documents as described in section 8 of this document.

2.14. Is your firm claiming, "Local Preference"? If so, please provide documentation as described in section 8 of this document.

2.15. Does your firm hold a Minority Business Certification as described in section 8 of this document? If so, please attach.

2.16. Using the reference form below please provide three (3) references for projects within the last three (3) years similar in scope to the services described in this RFQu.

3. VENDOR'S LIST - If your company offers commodities other than the one (1) specified for this proposal, and you wish to be put on the vendor's list, please contact Onvia.com at (800) 711-1712. Proposal Tabulation Reports are advertised on the City's Web Site at www.cityofpsl.com.

4. INSURANCE CERTIFICATES LICENSE - Proposers are required, to submit a copy of their Insurance Certificate for the type and dollar amount of insurance they currently maintain. Proposers are required to submit all licenses and certifications required to perform this project.

5. COMPLETION OF FORM - An authorized representative of the firm offering this RFQu must complete this form in its entirety. Terms entered herein shall not be subject to withdrawal or escalation by Proposer. The City reserves the right to hold proposals and proposal guarantees 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 Council executes the motion to award the proposal.

6. CONTRACT - Proposer agrees to comply with all requirements stated in the specifications for this RFQu.

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

Addendum Number	Date Issued

AGREEMENT - Consultant agrees to comply with all requirements stated in the specifications for this RFQu.

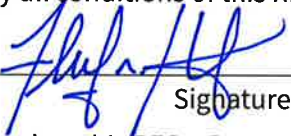
CERTIFICATION:

This RFQu-Proposal is submitted by: Name (print) Frederick G. Kaub, P.G., L.A.C. who is an officer of the above firm duly authorized to sign proposals and enter into contracts. I certify that this RFQu-Proposal #20190074 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 proposer understands that information contained in this Proposal 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 proposer agrees to furnish such additional information, prior to acceptance of any proposal relating to the qualifications of the proposer, as may be required by the City.

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

I agree to abide by all conditions of this RFQu-Proposal.:


Signature

President

Title

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

Witnesses:

Melissa Sabarese

Print name



Shelby McCord

Print name



If Individual:

Signature

Print Name

If Partnership:

Print Name of Firm

By: _____
(General Partner)

If Corporation:

GFA International, Inc.

Print Name of Corporation

By: 
Frederick G. Kaub, P.G., L.A.C., President

Attest: 
Paul H. Danforth, P.E., S.I. (Secretary)



TAB M: W-9



Continuing Geotechnical Services
RFQu #20190074

September 10, 2019

Request for Taxpayer Identification Number and Certification

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

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	<p>1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. GFA INTERNATIONAL, INC.</p> <p>2 Business name/disregarded entity name, if different from above</p>	
	<p>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.</p> <p><input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input checked="" type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate</p> <p><input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____</p> <p>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.</p> <p><input type="checkbox"/> Other (see instructions) ▶ _____</p>	<p>4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):</p> <p>Exempt payee code (if any) _____</p> <p>Exemption from FATCA reporting code (if any) _____</p> <p><small>(Applies to accounts maintained outside the U.S.)</small></p>
	<p>5 Address (number, street, and apt. or suite no.) See instructions. 1215 WALLACE DRIVE</p> <p>6 City, state, and ZIP code DELRAY BEACH, FL 33444-4600</p> <p>7 List account number(s) here (optional)</p>	<p>Requester's name and address (optional)</p>

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									
6	5	-	0	8	7	4	9	6	2

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 ▶ <u>11/1/18</u>
------------------	----------------------------	-----------------------

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.

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-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.



TAB N: CURRENT CERTIFICATE OF INSURANCE



Continuing Geotechnical Services
RFQu #20190074

September 10, 2019



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

4/2/2019

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 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).

PRODUCER Bateman Gordon and Sands 3050 North Federal Hwy Lighthouse Point FL 33064	CONTACT NAME: PHONE (A/C, No, Ext): 954-941-0900 FAX (A/C, No): 954-941-2006 E-MAIL ADDRESS: kdunn@bgsagency.com	
	INSURER(S) AFFORDING COVERAGE NAIC #	
INSURED GFAIN GFA International, Inc. 1215 Wallace Drive Delray Beach FL 33444	INSURER A: The First Liberty Insurance Corporation 33588	
	INSURER B: Liberty Insurance Corporation 42404	
	INSURER C: National Union Fire Ins Co Pittsbrgh PA 19445	
	INSURER D: Employers Insurance Company of Wausau 21458	
	INSURER E: Continental Casualty Company 20443	
INSURER F:		

COVERAGES

CERTIFICATE NUMBER: 736196630

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 INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS				
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	Y	Y	TB6Z91468708029	4/1/2019	4/1/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$				
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	Y	Y	AS7A91468708039	4/1/2019	4/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$				
C	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0	Y	Y	BE066419549	4/1/2019	4/1/2020	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$				
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below <table style="float: right;"> <tr> <td>Y / N</td> <td></td> </tr> <tr> <td>N</td> <td>N / A</td> </tr> </table>	Y / N		N	N / A		Y	WC2Z91468708019	4/1/2019	4/1/2020	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
Y / N											
N	N / A										
E	Professional/Pollution Liability Claims Made Policy			MCH591908633	4/1/2019	4/1/2020	Each Claim Limit: \$2,000,000 Aggregate \$4,000,000				

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


Document is not complete unless accompanied by the Acord 101.

General Liability: Additional Insured, Primary & Non-Contributory, Waiver of Subrogation, On-Going and Completed Operations, when required by written contract, per LC0443 0512. Per Project Aggregate, per LC2519 1013. Notice of Cancellation to Third Parties, per LIM9901 0511.

Automobile Liability: Additional Insured, when required by written contract, per CA2048 1013. Waiver of Subrogation, when required by written contract, per AC8407 0713.

Workers' Compensation: Waiver of Subrogation, per WC000313
 See Attached...

CERTIFICATE HOLDER**CANCELLATION**

PROOF OF INSURANCE ONLY IF SPECIFICS ARE NEEDED, PLEASE CONTACT INSURED . . .	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

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ADDITIONAL REMARKS SCHEDULE

AGENCY Bateman Gordon and Sands		NAMED INSURED GFA International, Inc. 1215 Wallace Drive Delray Beach FL 33444	
POLICY NUMBER			
CARRIER	NAIC CODE	EFFECTIVE DATE:	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 **FORM TITLE:** CERTIFICATE OF LIABILITY INSURANCE

Excess Liability: Extends coverage to underlying General Liability, Auto Liability and Workers' Compensation/Employers Liability.

General Information:
 The General Liability policy contains no specific residential exclusions.

ALL COVERAGE IS SUBJECT TO THE POLICY TERMS, CONDITIONS AND EXCLUSONS.



TAB O: LICENSES



Continuing Geotechnical Services
RFQu #20190074

September 10, 2019



RICK SCOTT, GOVERNOR JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS
THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

GFA INTERNATIONAL, INC.
1215 WALLACE DRIVE
DELRAY BEACH FL 33444

LICENSE NUMBER: CA4930
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com



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RICK SCOTT, GOVERNOR JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL GEOLOGISTS
THE GEOLOGY BUSINESS HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 492, FLORIDA STATUTES

GFA INTERNATIONAL, INC.
1215 WALLACE DRIVE
DELRAY BEACH FL 33444

LICENSE NUMBER: GB118
EXPIRATION DATE: JULY 31, 2020
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RICK SCOTT, GOVERNOR JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ASBESTOS LICENSING UNIT
THE ASBESTOS BUSINESS ORGANIZATION HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 469, FLORIDA STATUTES

GFA INTERNATIONAL INC
FREDERICK GEORGE KAUB
1215 WALLACE DRIVE
DELRAY BEACH FL 33444

LICENSE NUMBER: ZA404
EXPIRATION DATE: NOVEMBER 30, 2019
Always verify licenses online at MyFloridaLicense.com



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RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL GEOLOGISTS

THE PROFESSIONAL GEOLOGIST HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 492, FLORIDA STATUTES

KAUB, FREDERICK GEORGE

851 NE 71ST STREET
BOCA RATON FL 33487

LICENSE NUMBER: PG1344

EXPIRATION DATE: JULY 31, 2020

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RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, 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

DANFORTH, PAUL HOWARD

1562 CORBISON POINT PLACE
JUPITER FL 33458

LICENSE NUMBER: PE44653

EXPIRATION DATE: FEBRUARY 28, 2021

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RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, 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

MONTANO, THOMAS DOMINIC

6087 DIMOND STREET
JUPITER FL 33458

LICENSE NUMBER: PE84146

EXPIRATION DATE: FEBRUARY 28, 2021

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RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, 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

KENT, JOHN

P.O. BOX 881418
PORT ST LUCIE FL 34988

LICENSE NUMBER: PE63218

EXPIRATION DATE: FEBRUARY 28, 2021

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State of Florida Department of State

I certify from the records of this office that GFA INTERNATIONAL, INC. is a corporation organized under the laws of the State of Florida, filed on October 20, 1998.

The document number of this corporation is P98000089761.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on January 31, 2019, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Thirty-first day of January,
2019*



Jennifer Kennedy
Secretary of State

Tracking Number: 0495651346CC

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

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

AGGREGATE
ASTM Methods: C1077, C117, C127, C128, C136, C26, C40, C566, C703
AASHTO Methods: R76, T11, T19, T21, T26, T27, T64, T85

CONCRETE
ASTM Methods: C1064, C1077, C1201, C136, C143, C172, C173, C201, C31, C39, C511, C617
AASHTO Methods: M201, R60, T119, T121, T152, T199, T22, T23, T231, T309

SOIL
ASTM Methods: D1140, D1557, D2216, D3740, D421, D4318, D4944, D5036, D593, D7929
AASHTO Methods: R56, T190, T217, T265, T267, T310, T66, T89, T90, T99
State Methods: FM 1 T090, FM 1 T160, FM 5 514, FM 5 515



David A. Savage
David A. Savage
Director of Accreditation

Christopher J. Robinson
Christopher J. Robinson, P.E.
President

This is to certify that this laboratory has been accredited for technical competence and found to meet the requirements for performing the test methods listed above for the inspection and testing of construction materials. The current scope of accreditation can be obtained by viewing the CMEC Directory of Accredited Laboratories (www.cmec.org)
Accreditation Date: 10/14/2018 Retest/expiration Date: 12/30/2019 Expiration Date: 30/30/2020 Accreditation ID: 1300219



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

July 8, 2019

Frederick Kaub, President
GFA INTERNATIONAL, INC.
1215 Wallace Drive
Delray Beach, Florida 33444

Dear Mr. Kaub:

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 9 - Soil Exploration, Material Testing and Foundations
 - 9.1 - Soil Exploration
 - 9.2 - Geotechnical Classification Laboratory Testing
 - 9.3 - Highway Materials Testing
 - 9.4.1 - Standard Foundation Studies
 - 9.5 - Geotechnical Specialty Laboratory Testing
- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

Home/Branch Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Published Fee Schedule
186.28%	1.159%	Reimbursed	No	31.76%	Yes

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

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

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

www.fdot.gov



TAB P: ATTACHMENTS



Continuing Geotechnical Services
RFQu #20190074

September 10, 2019

TRUTH-IN-NEGOTIATION CERTIFICATE AND AFFIDAVIT

STATE OF FLORIDA §
COUNTY OF §

Before me, the undersigned authority, personally appeared affiant Frederick G. Kaub, P.G., who being first duly sworn, deposes and says:

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

2. That the undersigned firm is a corporation which engages in furnishing Professional Architectural Design Services and is entering into an agreement with the City of Port St. Lucie, St. Lucie County, Florida to provide these services for a project known as #20190074, Continuing Geotechnical Services.

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

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

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

FURTHER AFFIANT SAYETH NAUGHT

GFA International, Inc.
Name of Firm
[Signature]
President

The foregoing instrument was acknowledged before me by Fred Kaub who is personally known to me.

WITNESS my hand and official seal in the State of County last aforesaid this 9th the day of September, 2019.

(SEAL)

[Signature]
Signature
Shelby Holdsworth
Notary Name (typed or printed)
Notary Public
Title or Rank



Shelby Holdsworth
Commission # GG120709
Expires: July 2, 2021
Bonded thru Aaron Notary

CITY OF PORT ST. LUCIE, FLORIDA
RFQu #20190074
Continuing Geotechnical Services

STATE OF FLORIDA
E-VERIFY

Contract No: 20190074

Financial Project No(s): _____

Project Description: Continuing Geotechnical Services

Vendor/Consultant acknowledges and agrees to the following:

Vendor/Consultant:

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 Vendor/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.

Company/Firm: GFA International, Inc.

Authorized Signature: 

Title: President

Date: 9/9/19

**DRUG-FREE WORKPLACE FORM
RFQu #20190074
Continuing Geotechnical Services**

The undersigned vendor in accordance with Florida Statute 287.087 hereby certifies that GFA International, Inc. does:
(Name of Business)

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

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



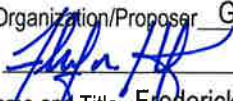
 Proposer's Signature
 9/9/19

 Date

CONSULTANT CODE OF ETHICS RFQu #20190074 Continuing Geotechnical Services

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

- ◆ A Consultant's proposal or proposal will be competitive, consistent and appropriate to the proposal documents.
- ◆ A Consultant will not discuss or consult with other Consultants intending to proposal on the same contract or similar City contract for limiting competition. A Consultant will not make any attempt to induce any individual or entity to submit or not submit a proposal or proposal.
- ◆ Consultant will not disclose the terms of its proposals or proposal, directly or indirectly, to any other competing Consultant prior to the proposal 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 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 Consultant 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 Consultant 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. Consultants must conform their practices to any published standards for their industry. Compliance with laws, regulations and practices include, but are not limited to the following:
 - Obtaining and maintaining all required environmental permits. Further, Contractor will endeavor to minimize natural resource consumption through conservation, recycling and substitution methods.
 - Providing workers with a safe working environment, which includes identifying and evaluating workplace risks and establishing processes for which employee can report health and safety incidents, as well as providing adequate safety training.
 - Providing workers with an environment free of discrimination, harassment and abuse, which includes establishing a written antidiscrimination and anti-bullying/harassment policy, as well as clearly noticed policies pertaining to forced labor, child labor, wage and hours, and freedom of association.

Name of Organization/Proposer GFA International, Inc.
 Signature 
 Printed Name and Title Frederick G. Kaub, P.G., President
 Date 9/9/19

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

**CITY OF PORT ST. LUCIE, FLORIDA
RFQu #20190074
Continuing Geotechnical Services**

CONSULTANT VERIFICATION FORM

THE FOLLOWING IS TO BE COMPLETED BY PRIME PROPOSER:

Name of Firm: GFA International, Inc.

Corporate Title: _____

Address: 607 NW Commodity Cove

Port St. Lucie, FL 34986
(Zip Code)

By: Frederick G. Kaub, P.G., President

(Print name)

(Print title)



(Authorized Signature)

Telephone: (772) 924-3575

Fax: (772) 924-3580

State License # CA #4930 / GB #118 (ATTACH COPY)

County License # _____ (ATTACH COPY)

City License: (ATTACH PROOF OF REGISTRATION WITH THE CITY)

Type of License: Professional Engineering Firm BTR #127198

Unlimited No (yes/no)

If "NO", Limited to what trade? Engineering Firm

NON-COLLUSION AFFIDAVIT
RFQu #20190074
Continuing Geotechnical Services

State of Florida }

County of St. Lucie }

Frederick G. Kaub, P.G., being first duly sworn, disposes and says that:
(Name/s)

1. They are President of GFA International, Inc. the Proposer that
(Title) (Name of Company)

has submitted the attached PROPOSAL;

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

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

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

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

(Signed) [Signature]
(Title) President

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

The foregoing instrument was acknowledged before me this (Date) 9/9/2019

by: Fred Kaub who is personally known to me or who has produced
[Signature] as identification and who did (did not) take an oath

Shelby Holdsworth Shelby Holdsworth
Notary (print & sign name)

Commission No. GG120709
Shelby Holdsworth
Commission # GG120709
Expires: July 2, 2021
Bonded thru Aaron Notary



CHECKLIST
RFQu #20190074
Continuing Geotechnical Services

This checklist is provided to assist Proposers in the preparation of their proposal response. Included in this checklist are important requirements that are the responsibility of each Proposer to submit with their response to make their proposal response fully compliant. This checklist is only a guideline -- it is the responsibility of each Proposer to read and comply with the Request for Qualifications in its entirety.

- Documents uploaded in file one (1) .pdf file and in order of the CONSULTANT'S QUESTIONNAIRE RFQu-Proposal #20190074, Certified Minority Business Certificate (if applicable), Local preference documents (if applicable) W9, current Certificate of Insurance, current License, three (3) reference forms, E-Verify Statement, Drug Free and Check list onto Demandstar by the due date and time.
- Documents uploaded in file two (2) .pdf file financial documents onto Demandstar by the due date and time
- All questions on the CONSULTANT'S QUESTIONNAIRE are complete and thoroughly answered.
- Each Proposal Addendum (when issued) is acknowledged.
- Have reviewed the Contract and accept all City Terms and Conditions.
- After review of uploaded documents on DemandStar by Onvia web site selected the Submit button at bottom of page.

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