

RFP 20230089

# CITY OF PORT ST. LUCIE - CONTINUING GEOTECHNICAL ENGINEERING SERVICES

GFA International, Inc., dba Universal  
Engineering Sciences

Submittal Due Date: October 2, 2023  
Submittal Due Time: 3:00pm



Grounded in Excellence



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TAB 1

# FIRM'S QUALIFICATIONS

## COVER PAGE

Date: October 2, 2023  
Attention: Robyn Holder  
City of Port St. Lucie Procurement Management  
121 SW Port St. Lucie Boulevard  
Port St. Lucie, FL 34984  
Reference: E-RFP Number: 20230089 Continuing  
Geotechnical Engineering Services

GFA International, Inc. dba  
Universal Engineering Sciences  
607 NW Commodity Cove  
Port St. Lucie, FL 34986  
P: (772) 924-3575  
F: (772) 924-3580

Dear Ms. Holder and Committee Members:

GFA International, Inc., (GFA) dba Universal Engineering Sciences (UES) truly appreciates the opportunity to present our services and experience in response to E-RFP E-RFP Number: 20230089 Continuing Geotechnical Engineering Services. We have a firm understanding of the scope outlined within and are confident that our capabilities and experience position UES as the ideal firm to execute said scope. We have served Port St. Lucie clientele in a variety of ways for many years, and we are eager to build upon our relationship in support of the City’s needs and vision.

In early 2020, GFA International, Inc. (GFA) and Universal Engineering Sciences, Inc. strategically merged, forming the UES Family of Companies—the largest, most experienced, resource-rich organization of its kind in the nation. This union has grown to include more than 12 other companies across the nation, from the Carolinas to California.

It is important to note that the leadership, personnel, and most importantly, the exemplary service typical of all companies included in the Universal Family of Companies remains unchanged. That being said, the increase in fleet, personnel, and technology will significantly benefit all clients associated with UES.

UES has over 80 fully operational and fully-staffed branches spanning the U.S., with 19 located in Florida. These strategically situated offices meet our clients’ needs by providing local expert knowledge and solutions unique to the region. The wide distribution of our resources also means that we are able to rapidly respond to our clients and immediately allocate equipment and manpower.

Each office is staffed with dedicated professionals who are familiar with the region’s geographic conditions, state, county, and city regulations, and who have developed strong working relationships with local specialized subconsultants and vendors.

Our team has decades of experience providing expert plans reviews for clientele and complex projects of all sizes, including municipalities similar to Port St. Lucie. Our team’s technical expertise, our specialized training, fleet of equipment, and wide scope of capabilities has assisted our clients in finding solutions to difficult and intricate challenges on various projects.

**Our mission is to provide the City of Port St. Lucie with cost-effective, efficient, and accurate geotechnical and materials testing services. Integrity is the keystone of our business relationship with all of our clients.**

We understand that the selected firms must be appropriately qualified, licensed, and be an experienced vendor fully capable of providing geotechnical engineering and materials testing services in accordance with all applicable codes and ordinances. When you work with UES, you’ll interact with industry professionals who pride themselves on the highest level of integrity, dependability, ethics, and quality of work.

These professionals are also exceptionally innovative, dynamic, and responsive. We want our clients to think of UES as an extension of their organizations and their trusted advisors.

### **AUTHORIZED REPRESENTATIVES/VENDOR SERVICE REPRESENTATIVES**

Tom Montano, PE - Primary Liaison  
Branch Manager  
607 NW Commodity Cove  
Port St. Lucie, FL 34986  
P: (772) 924-3575  
E: tmontano@teamues.com

Erik Soderstrom, EI - Geotechnical PM  
Geotechnical Engineer  
607 NW Commodity Cove  
Port St. Lucie, FL 34986  
P: (732) 221-6854  
E: esoderstrom@teamues.com

Victor Rivera - Materials Testing PM  
Construction Services Dept. Manager  
607 NW Commodity Cove  
Port St. Lucie, FL 34986  
P: (561) 347-0070  
E: vrivera@teamues.com

Tom Montano, PE will serve as Primary Liaison for this contract. He will oversee this contract personally. Tom will be involved in ensuring geotechnical and materials testing scopes are performed according to the scope of services and in developing the budget for each. He will be assisted by Erik Soderstrom, EI - Geotechnical Project Manager, and Victor Rivera, Materials Testing Project Manager.

Our Port St. Lucie office has a network of support from our other South Florida offices, including Miami, West Palm Beach, Clewiston, and Delray Beach.

Our Principals have thoroughly reviewed and understood this E-RFP, its related documents, and the anticipated scope of work. This Request for Proposal package has been made without collusion with any other person or entity submitting a proposal pursuant to this E-RFP. UES attests that the information provided in this E-RFP response is complete, current, and factual.

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. UES’ reputation, facilities, and culture attract some of the industry’s most experienced and knowledgeable professionals. Many of our staff have been with the company for 10 years or more. An unmistakable passion for excellence is ever-present, as is a camaraderie and eagerness to teach, learn, and contribute to our clients’ success.

On behalf of our entire team, we would like to thank you for this opportunity, your time, and consideration. We look forward to working with the City of Port St. Lucie and providing reliable geotechnical services and materials testing throughout this contract and beyond. If you need to contact us for any reason, please feel free to contact the undersigned.

Respectfully,  
GFA International, Inc., dba Universal Engineering Sciences



Tom Montano, PE -  
Port St. Lucie Branch Manager  
(772) 924-3575  
tmontano@teamues.com  
607 NW Commodity Cove  
Port St. Lucie, FL 34986

## HISTORY OF PROPOSER

Since 1964, UES has provided professional engineering services throughout the United States.

### UNMATCHED RESOURCES

With over 3,500 full-time staff consisting of engineers, geologists, laboratory specialists, surveyors, drillers, project managers, and administrative we are able to provide expert solutions and superior services to clients based on several decades of experience, in-depth industry knowledge, and a relentless dedication to excellence.

UES’ professional engineers, field technicians, and geologists are registered throughout the United States and most hold advanced degrees in their respective professions. Furthermore, we encourage our technicians to develop professional accreditation such as NICET, ACI certification, and State Departments of Transportation.

Our staff is supported by a comprehensive set of resources, including one of the largest fleets of propane-fueled energy-efficient field vehicles, modern high-capacity drill rigs, and state-of-the-art laboratories capable of performing AASHTO, ASTM, FM, and USACE accredited testing on soils, rock cores, and water samples.

### THE RIGHT PLACE

UES has over 80 fully-operational and fully-staffed branches ranging from California to the DC Metro area to Miami. These strategically located offices meet the needs of our clients by providing local expert knowledge and solutions unique to the region. The wide distribution of our resources also means that we are able to rapidly respond to the needs of our clients with an immediate allocation of equipment and manpower.

Each office is staffed with dedicated professionals who are familiar with the geographic conditions, state, county, and city regulations, and who have developed strong working relationships with local specialized subconsultants and vendors.

This contract will be managed and performed by our Port St. Lucie office, at 607 NW Commodity Cove, Port St. Lucie, FL 34986.

The branch employs a staff of 86, including dedicated professional engineers, geotechnical, materials testing, laboratory and technical staff familiar with the region’s geographic conditions and state, county, and city regulations.

These team members have the experience, education, and equipment necessary to provide all of the assessment and monitoring services required for the city of Port St. Lucie under this contract.

### YEARS IN BUSINESS

Founded in 1988, GFA International, Inc. (GFA) is a full-service engineering and geological consulting organization providing building code inspection services, as well as environmental, geotechnical, construction materials testing, threshold and special inspections, and private provider services, across a broad spectrum of industries.

In early 2020, GFA merged with Universal Engineering Sciences (UES) and additional leading engineering firms. This combination of like-minded firms - complementary in professional services, core values, and customer service-centric views - formed the UES family of companies — the largest, most experienced, resource-rich organization of its kind in the U.S.

The success of this union was based on many key factors, one of which was geographic location.

UES’ locations include 19 offices strategically located to service our clients throughout Florida. Since 1964, UES has successfully built our state-wide reputation for superior service, trustworthy business management, and strict attention to health, safety and innovative engineering.

Regardless of the scale of the project, UES will develop a practical approach to successfully achieve the city’s goals – on schedule and within budget.

**ANNUAL VOLUME OF WORK OVER FIVE YEARS**

UES’ Port St. Lucie office annual sales volume from August 2018-August 2023 is reflected below.  
 \*This data reflects the most recent information available at time of submission.

Year	Sales Volume
Aug 2018 - Jul 2019	\$4,462,030.22
Aug 2019- Jul 2020	\$5,772,701.49
Aug 2020 - Jul 2021	\$7,689,496.81
Aug 2021 - Jul 2022	\$10,562,196.11
Aug 2022 - Jul 2023*	\$12,316,572.01

**COMPANY OWNERSHIP AND OFFICERS**

GFA International, Inc., dba Universal Engineering Sciences, is a part of the UES family of companies. The individuals noted below are reflected per Sunbiz documentation:

Role	Team Member
South Florida Division President	Travis Merrick
Vice-President	Paul Danforth, PE, SI
Vice-President	Frederick Kaub, PG, LAC
Treasurer	Michael Dear
Secretary	Benjamin Butterfield, Esq.

**ARCHITECT-ENGINEER QUALIFICATIONS**

**PART I - CONTRACT-SPECIFIC QUALIFICATIONS**

**A. CONTRACT INFORMATION**

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

Continuing Contract for Geotechnical Engineering Services (Port St. Lucie, FL)

2. PUBLIC NOTICE DATE

9/1/2023

3. SOLICITATION OR PROJECT NUMBER

RFP-20230089-0-2023

**B. ARCHITECT-ENGINEER POINT OF CONTACT**

4. NAME AND TITLE

Thomas Montano, PE - Branch Manager

5. NAME OF FIRM

GFA International, Inc., dba Universal Engineering Sciences(UES)

6. TELEPHONE NUMBER

772-924-3575

7. FAX NUMBER

772-924-3580

8. E-MAIL ADDRESS

tmontano@teamues.com

**C. PROPOSED TEAM**

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

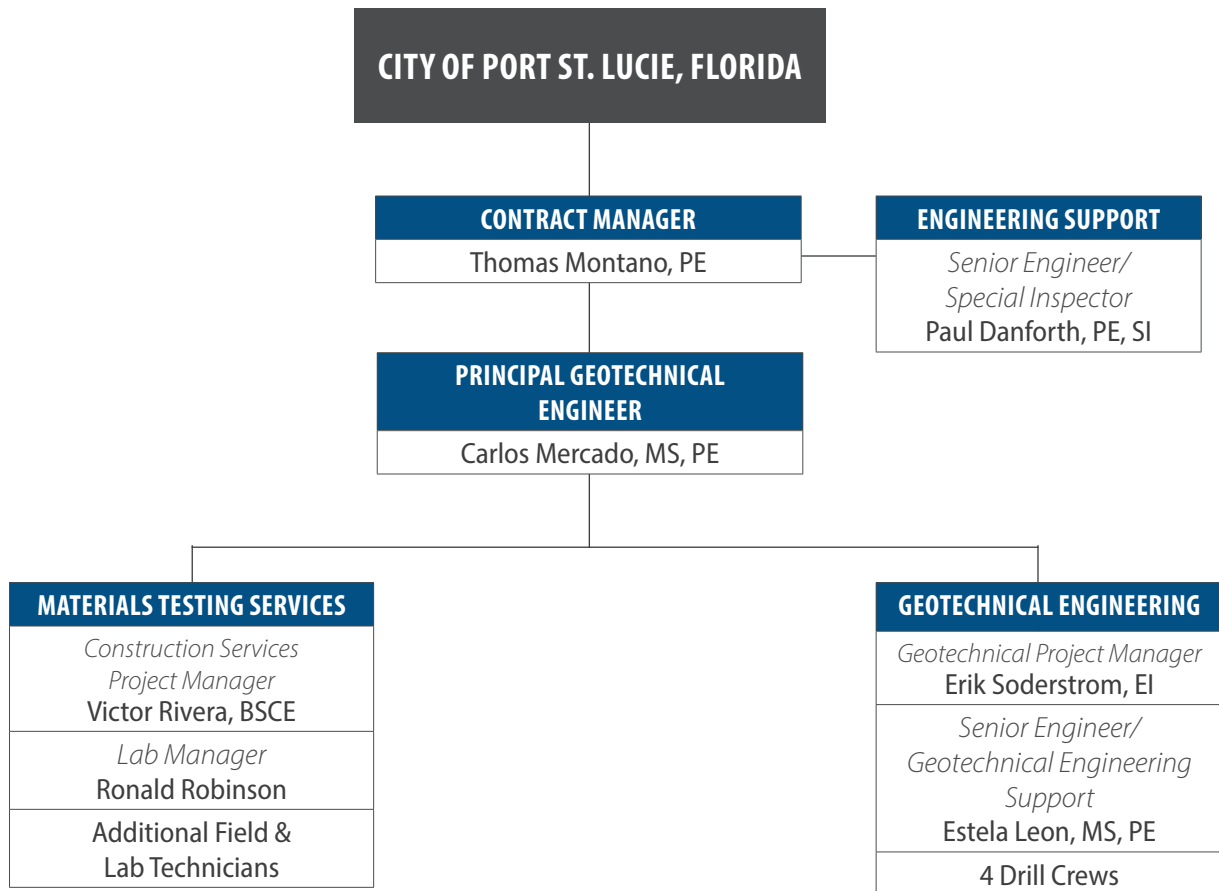
	<i>(Check)</i>				9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V	PARTNER	SUBCONTRACTOR			
a.	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	607 NW Commodity Cove Port St. Lucie, FL 34986	Geotechnical engineering Construction materials testing
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		
f.					<input type="checkbox"/> CHECK IF BRANCH OFFICE		

**D. ORGANIZATIONAL CHART OF PROPOSED TEAM**

*(Attached)*



## D. ORGANIZATIONAL CHART



<b>E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT</b> <i>(Complete one Section E for each key person.)</i>			
12. NAME <b>Thomas Montano, PE</b>	13. ROLE IN THIS CONTRACT Primary Liaison	14. YEARS EXPERIENCE	
		a. TOTAL 12	b. WITH CURRENT FIRM 9
15. FIRM NAME AND LOCATION (City and State) Universal Engineering Sciences – Port St. Lucie, FL			
16. EDUCATION (Degree and Specialization) BS Civil Engineering, Rensselaer Polytechnic Institute, Troy, New York		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer - FL #84146	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Tom maintains (and has earned) designations including: ASCE Palm Beach County Young Engineer of the Year, ACI Concrete Testing Technician, ACI Special Inspector			

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>a.</b>	<b>A1A Roundabout EPW 2022-04 - Jupiter, FL</b>	<b>Ongoing</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GFA dba UES has been contracted by the town of Jupiter (Engineering/Public Works) to provide materials testing for construction of a roundabout at A1A Ocean Boulevard and Jupiter Beach Road. UES' scope includes compaction testing, proctors, LBRs, concrete testing, asphalt testing and roadway cores. Tom serves as Branch/Department Manager. Contract: \$7,908.		
<b>b.</b>	<b>Legacy Park Development (FedEx) – Port St. Lucie, FL</b>	<b>Ongoing</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GFA dba UES is contracted by Hercules Construction Management to perform geotechnical engineering, construction materials testing, and special inspections for construction of a FedEx facility (in Port St. Lucie's Legacy Park). Tom serves as Branch/Department Manager, responsible for overseeing all project staff, and ensuring all services are completed on schedule and within budget. Contract: \$209,214.		
<b>c.</b>	<b>Street Resurfacing and Miscellaneous Roadway Improvements EPW 2023-03 - Jupiter, FL</b>	<b>Ongoing</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GFA dba UES is contracted by the town of Jupiter, FL to perform construction materials testing for street resurfacing efforts throughout the town. The team's scope includes asphalt monitoring, asphalt compaction testing, concrete testing, and roadway cores. Tom serves as Branch/Department Manager, responsible for overseeing all project staff, and ensuring all services are completed on schedule and within budget. Contract: \$4,550.		
<b>d.</b>	<b>New Jupiter Town Hall – Jupiter, FL</b>	<b>Ongoing</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GFA dba UES has been contracted by the town of Jupiter to provide various services for construction of the new town hall. The team's scope includes subsurface investigation, soil classifications, compaction testing, vibrocompaction monitoring, seismograph monitoring, pre- and post-construction surveys, construction material testing, LBRs, proctors, asphalt testing, and special inspections. Tom serves as Branch/Department Manager. Contract: \$22,638.		
<b>e.</b>	<b>Project Senior (Amazon) – Port St. Lucie, FL</b>	<b>Ongoing</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE UES is contracted by NBPIII Legacy II to perform construction materials testing for a new, build-to-suit Amazon facility. The building will serve as a distribution center, encompassing 221,115 SF on a 52-acre site. The project is proceeding in accordance with AMZL-BTS-Design Guidelines. Tom serves as Branch/Dept. Manager. Contract: \$229,657.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME <b>Carlos Mercado, MS, PE</b>	13. ROLE IN THIS CONTRACT Principal Geotechnical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 33	b. WITH CURRENT FIRM 10
15. FIRM NAME AND LOCATION (City and State) Universal Engineering Sciences – Delray Beach, Medley, Port St. Lucie, FL			
16. EDUCATION (Degree and Specialization) BS, Civil Engineering MS, Geotechnical Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer – FL #71707 Geotechnical Engineer – Puerto Rico	
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.	<b>Rivera Beach Fire Station – Rivera Beach, FL</b>	2022	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This project involved demolishing an existing Fire Station, and a new two-story building was constructed in its place. GFA dba UES performed geotechnical and environmental evaluations. Carlos served as Branch Manager/Principal Geotechnical Engineer.		
<input checked="" type="checkbox"/> Check if project performed with current firm			
b.	<b>PBC Courthouse – West Palm Beach, FL</b>	2022	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GFA dba UES performed geotechnical evaluations for SOG and water intrusion assessments. Carlos served as Branch Manager/Principal Geotechnical Engineer.		
<input checked="" type="checkbox"/> Check if project performed with current firm			
c.	<b>McDonald's L/C 9-1798 PRIMA VISTA /US-Asbestos– Port St. Lucie, FL</b>	2022	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GFA dba UES performed asbestos services for a restaurant on S. Federal Highway in Port St. Lucie. Carlos served as Principal Geotechnical Engineer.		
<input checked="" type="checkbox"/> Check if project performed with current firm			
d.	<b>Temporary Fire Station – Fort Lauderdale, FL</b>	2022	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GFA dba UES performed construction materials testing for this temporary fire station. Carlos served as Branch Manager/Principal Geotechnical Engineer.		
<input checked="" type="checkbox"/> Check if project performed with current firm			
e.	<b>Sunrise Municipal Complex - Sunrise, FL</b>	2021	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The project involved constructing a five-story City Hall with associated site work, a three-story parking structure, a covered walkway connecting the new parking structure to the existing community center, a pedestrian promenade, a lake observation deck, and the amphitheater renovations/additions. GFA dba UES performed construction materials testing and inspections. Carlos served as Branch Manager/Principal Geotechnical Engineer.		
<input checked="" type="checkbox"/> Check if project performed with current firm			

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<b>E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT</b> <i>(Complete one Section E for each key person.)</i>			
12. NAME <b>Paul H. Danforth, PE, SI</b>	13. ROLE IN THIS CONTRACT Regional Vice President/Special Inspector/ Engineering Support	? YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 19
15. FIRM NAME AND LOCATION (City and State) Universal Engineering Sciences - Fort Myers, Port Saint Lucie, Miami, Delray Beach, West Palm 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 Greenacres Code Enforcement Board, Member – ASCE, Co-author of "Turbine Pedestal Cracking at FPL's Martin Plant Unit 2" published in "Electrical World" magazine (September 1990)			

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) <b>Tradition Parkway Roadway Improvements (Phases 1-3) – Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GFA dba UES has been contracted by Centerline, Inc., to perform construction materials testing for three phases of roadway improvements on Tradition Parkway. Paul serves as Regional VP/Senior Geotechnical Engineering Support. Contract: \$44,968.		<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) <b>Legacy Park (FedEx) - Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GFA dba UES is contracted by Hercules Construction Management to perform geotechnical engineering, construction materials testing, and special inspections for construction of a FedEx facility. The space is located in Port St. Lucie's Legacy Park development with additional businesses such as Amazon and Cheney Brothers. Paul serves as Regional VP/Senior Geotechnical Engineering Support. Contract: \$209,214.		<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) <b>Crosstown Parkway Extension Segment 2A – Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GFA dba UES is contracted by Kolter Land Partners to perform geotechnical engineering and construction materials testing for various phases of the Crosstown Parkway Extension effort. The team is currently in progress for Phase 2A. Paul serves as Regional VP/Senior Geotechnical Engineering Support. Contract: \$60,190.		<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) <b>Legacy Park Infrastructure (Roadways) – Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GFA dba UES was contracted by the Sansone Group to perform construction materials testing for roadway improvements for Anthony Sansone Blvd. (at SW Village Parkway and Becker Road) in Port St. Lucie. Paul served as Regional VP/Senior Geotechnical Engineering Support. Contract: \$26,303.		<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) <b>Project Bourbon (TAMCO) – Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Arco/Murray National Construction contracted GFA to perform geotechnical engineering and materials testing. Paul served as Regional VP/Senior Geotechnical Engineering Support. Contract: \$92,480.50.		<input type="checkbox"/> Check if project performed with current firm	



<b>E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT</b> <i>(Complete one Section E for each key person.)</i>			
12. NAME <b>Erik Soderstrom, EI</b>	13. ROLE IN THIS CONTRACT Geotechnical Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 7	b. WITH CURRENT FIRM 7
15. FIRM NAME AND LOCATION (City and State) Universal Engineering Sciences – Port St. Lucie, FL			
16. EDUCATION (Degree and Specialization) BS, Environmental Engineering, University of Vermont		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Engineer Intern – State of Vermont: #017.0102030	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

**19. RELEVANT PROJECTS**

<b>a.</b>	(1) TITLE AND LOCATION (City and State) <b>Legacy Development – Port St. Lucie, FL (Amazon/FedEx/Cheney Brothers)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2019-present</b>	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE UES performed preliminary geotechnical services, final geotechnical design, vibro-replacement monitoring, surcharge pile monitoring, and remediation review. Erik served as Project Manager to various efforts under this contract, and also managed the PM associated with the projects.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>b.</b>	(1) TITLE AND LOCATION (City and State) <b>Heart of Tradition – Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022-2023</b>	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE UES conducted a geotechnical exploration to provide foundation design recommendations for the structure. The geotechnical team also provided pile monitoring for the auger cast piles onsite.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>c.</b>	(1) TITLE AND LOCATION (City and State) <b>Verano/Astor Creek – Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2019-present</b>	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GFA International, Inc., dba UES was contracted to conduct a geotechnical evaluation for all pods (as phases) for the Verano and Astor Creek subdivisions. This includes housing pads and all pavement roadways. Erik served as Project Manager; for certain projects under this contract, he also managed PMs associated with the work.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>d.</b>	(1) TITLE AND LOCATION (City and State) <b>Mets Stadium Addition and Clubhouse – Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2019-2020; 2023</b>	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE From 2019-2020, UES was contracted to conduct geotechnical exploration for the eastern addition to the stadium. Additionally, UES staff managed the helical piles and vibro-replacement onsite. In 2023, UES was also engaged to conduct a geotechnical exploration for the new clubhouse.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>e.</b>	(1) TITLE AND LOCATION (City and State) <b>America Walks (Senior Living) Utility Audit – Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022-2023</b>	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE UES was engaged to conduct a soil audit and review of in-place utility lines, due to missing densities observed in the previous testing firm’s logbook. UES conducted a series of CPT and SPT tests to determine whether soils were successfully compacted to Florida Building Code standards. Erik served as Project Manager.	<input checked="" type="checkbox"/> Check if project performed with current firm	

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<b>E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT</b> <i>(Complete one Section E for each key person.)</i>			
12. NAME <b>Victor E. Rivera, BSCE</b>	13. ROLE IN THIS CONTRACT Construction Materials Testing Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) Universal Engineering Sciences – Port St. Lucie; West Palm Beach, FL			
16. EDUCATION (Degree and Specialization) MBA, Inter American University, Puerto Rico BS Civil Engineering, Polytechnic University, Puerto Rico		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Victor maintains various designations including: ACI Concrete Strength Testing Tech., ACI Concrete Field Tech. – Grade I, ACI Aggregate Base Testing Tech., ACI Masonry Lab Tech., CTQP Aggregate Base Testing Tech., CTQP Concrete Lab Tech. – Level I, Earthwork Levels I and II, LBR Tech., Qualified Sampler, Asphalt Paving – Level I, and QC Manager.			

**19. RELEVANT PROJECTS**

<b>a.</b>	(1) TITLE AND LOCATION (City and State) <b>A1A Roundabout EPW 2022-04 - Jupiter, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GFA dba UES has been contracted by the town of Jupiter (Engineering/Public Works) to provide materials testing for construction of a roundabout at A1A Ocean Boulevard and Jupiter Beach Road. UES' scope includes compaction testing, proctors, LBRs, concrete testing, asphalt testing and roadway cores. Victor serves as Project Manager. Contract: \$7,908.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>b.</b>	(1) TITLE AND LOCATION (City and State) <b>Street Resurfacing and Miscellaneous Roadway Improvements EPW 2023-03 - Jupiter, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GFA dba UES is contracted by the town of Jupiter, FL to perform construction materials testing for street resurfacing efforts throughout the town. The team's scope includes asphalt monitoring, asphalt compaction testing, concrete testing, and roadway cores. Victor serves as Project Manager. Contract: \$4,550.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>c.</b>	(1) TITLE AND LOCATION (City and State) <b>Brightline Boca Raton Station Rail– Boca Raton, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE UES performed contractor quality control services for the construction of the Brightline rail station in Boca Raton. Victor served as Project Manager.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>d.</b>	(1) TITLE AND LOCATION (City and State) <b>Andrews Avenue Bridge Rehabilitation – Fort Lauderdale, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE UES was contracted by Broward County's Highway and Bridge Maintenance Division, to provide construction materials testing for the rehabilitation efforts on Fort Lauderdale's Andrews Avenue Bridge. Victor served as Project Manager.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>e.</b>	(1) TITLE AND LOCATION (City and State) <b>Bonaventura Fire Rescue Station No. 21 – Weston, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2021</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This project involved new construction of 12,600 SF fire station, including sitework. As consultant to Link Construction, GFA/UES provided construction materials testing. Victor served as Project Manager.	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT <i>(Complete one Section E for each key person.)</i>			
12. NAME <b>Ronald Robinson</b>	13. ROLE IN THIS CONTRACT Laboratory Manager	14. YEARS EXPERIENCE	
		a. TOTAL 22	b. WITH CURRENT FIRM 10
15. FIRM NAME AND LOCATION (City and State) Universal Engineering Sciences – Port St. Lucie, FL			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Ron maintains various designations including: ACI Concrete Field Testing Technician Grade 1, ACI Concrete Lab Testing Technician Grade 1, ACI Aggregate Testing Technician Level 1, ACI Aggregate Base Testing Technician, ACI Concrete Strength Testing Technician, CTQP Concrete Lab Technician Level 1, CTQP Aggregate Testing Technician, CTQP Aggregate Base Testing Technician, CTQP Qualified Sampler Technician, CTQP LBR Technician, Hazmat, Radiation Safety Officer			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) <b>America Walks Senior Living – Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022-present</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As consultant to PrideOne Construction, UES is performing threshold inspections related to a senior living community. The project encompasses construction of two four-story apartment buildings (70,135 SF per structure). The complex also includes a 28,469 SF clubhouse, a maintenance building, mail kiosk area, gazebo, gatehouse, and pavilion. As UES' Laboratory Manager Ron is responsible for all phases of laboratory testing.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) <b>Dell Webb Tradition – Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022-present</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As consultant to Pulte Homes, UES is performing geotechnical and materials testing services for construction of phases 5B and 6 of the Del Webb Heron Preserve adult living community. As UES' Laboratory Manager Ron is responsible for soil and concrete testing on this current project.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) <b>Legacy Park – Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022-present</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As consultant to the Sansone Group, UES is conducting construction materials testing for the construction of a 1,000,000+ SF industrial complex. The facility is located at SW Village Parkway & SW Becker Road. As UES' Laboratory Manager Ron is responsible for all phases of laboratory testing on this current project.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) <b>North 25th Street (SR615) Resurfacing – Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This project involved milling and resurfacing of N. 25th Street / SR 615, constructing new sidewalk on both sides of the road (from the end of the existing sidewalk to U.S. 1, 6-foot buffered bike lanes in each direction, rebuilding handicap ramps throughout project limits at qualifying locations, upgrading signs/pavement marking, and upgrading pedestrian signal control buttons/adding countdown timers at the St. Lucie Boulevard / N. 25th Street and U.S. 1 / N. 25th Street intersections). The construction cost estimate is \$2.1 million. GFA/UES provided materials testing for all soil, aggregate, and concrete materials used for the project. Mr. Robinson oversaw all lab testing, ensuring compliance to FDOT and ASTM standards.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) <b>Ellsworth Avenue – Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This project included construction of a new main roadway in the Lake Park (Tradition) community. GFA/UES provided geotechnical engineering for the design of roads, drainage structures, and lift stations, and quality control services (such as concrete testing, density testing, lab services - LBRs, proctors, concrete breaks -and asphalt testing). Mr. Robinson managed all lab testing, ensuring compliance to FDOT and ASTM standards.	<input checked="" type="checkbox"/> Check if project performed with current firm	

<b>E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT</b> <i>(Complete one Section E for each key person.)</i>			
12. NAME <b>Estela G. Leon Aguilar, MS, PE</b>	13. ROLE IN THIS CONTRACT Geotechnical Engineering Support	14. YEARS EXPERIENCE	
		a. TOTAL 11	b. WITH CURRENT FIRM 8
15. FIRM NAME AND LOCATION (City and State) Universal Engineering Sciences – Port St. Lucie & West Palm Beach, Florida			
16. EDUCATION (Degree and Specialization) MS, Civil/Geotechnical Engineering, University of Florida. BS, Civil Engineering, University of Florida		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer - FL #83307	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Vice Chair – Women in Deep Foundations Committee, Deep Foundation Institute			

**19. RELEVANT PROJECTS**

<b>a.</b>	(1) TITLE AND LOCATION (City and State) <b>STA-1W Structure Refurbishments – Palm Beach County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project included demolition and removal of ten CMP culverts (G-253 A-J) located in the South Florida Water Management District's (SFWMD) Stormwater Treatment Area 1 West (STA-1W). CMA designed the replacement of the existing culverts with four larger CIP gated culverts at the locations of the existing culverts A, C, E and G and one upstream and one downstream stilling well. UES performed geotechnical evaluations. Estela served as the Senior Geotechnical Engineer/Geotechnical EOR.			
<b>b.</b>	(1) TITLE AND LOCATION (City and State) <b>FAA West Palm Beach – West Palm Beach, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The proposed development consists of constructing a new three-platform Antenna Tower with a steel frame structure. The tower is 70 feet tall, and 10-ft. x 8-ft., with six swing antenna mounts. UES performed Standard Penetration Test borings and provided foundation design recommendations for the support of the structures. Estela served as the Senior Geotechnical Engineer/Geotechnical EOR.			
<b>c.</b>	(1) TITLE AND LOCATION (City and State) <b>S.I.D. Seminole Pratt Whitney Culvert Replacement – Palm Beach County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project consists of culvert replacements across Seminole Pratt Whitney Road, just north of Sycamore Drive, in Palm Beach County. UES performed Standard Penetration Test borings, corrosive series testing on selected samples, and provided site preparation recommendations for the construction and installation of the culverts. Estela served as the Senior Geotechnical Engineer/Geotechnical EOR.			
<b>d.</b>	(1) TITLE AND LOCATION (City and State) <b>Palm Beach Sheriff's Office Headquarter Annex Facility – West Palm Beach, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project consists of the construction of a 20,000 SF PBSO substation and an 8,000 SF vehicle shelter (including a pre-engineered metal building). UES performed Standard Penetration Test borings and provided foundation design recommendations for the support of the structures. Estela served as the Senior Geotechnical Engineer/Geotechnical EOR.			
<b>e.</b>	(1) TITLE AND LOCATION (City and State) <b>Piquet Entertainment &amp; Race Park - Loxahatchee, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm As Senior Geotechnical Engineer/Geotechnical EOR, Estela performed geotechnical evaluations for this project. The scope involved construction of a two-story ±64,000 SF building. UES performed Standard Penetration Test borings and provided foundation design recommendations for the support of the structures.			

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<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 1
21. TITLE AND LOCATION <i>(City and State)</i> A1A Roundabout EPW 2022-04 (Jupiter, FL)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Town of Jupiter, FL	b. POINT OF CONTACT NAME Steven Montemayor	c. POINT OF CONTACT TELEPHONE NUMBER 561-741-2286
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



GFA dba UES has been contracted by the town of Jupiter(Engineering/Public Works) to provide materials testing for construction of a roundabout at A1A Ocean Boulevard and Jupiter Beach Road. The team’s scope includes compaction testing, proctors, LBRs, concrete testing, asphalt testing and roadway cores.

Key Personnel: Tom Montano, PE; Paul Danforth, PE, SI; Victor Rivera.

UES Contract Amount: \$7,908.00.

Project Relevance
Project is being performed for a municipal client similar to city of Port St. Lucie
Scope of work similar to solicited effort (includes construction materials testing)
Project demonstrates key personnel collaboration experience

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Universal Engineering Sciences	Port St. Lucie, FL	Construction materials testing
b.		
c.		
d.		
e.		
f.		

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

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Hercules Construction Mgmt.	b. POINT OF CONTACT NAME Dave O'Brien, Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER 314-412-5945
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



GFA dba UES is contracted by Hercules Construction Management to perform geotechnical engineering, construction materials testing, and special inspections for construction of a FedEx facility. The space is located in Port St. Lucie’s Legacy Park development with additional businesses such as Amazon and Cheney Brothers. Key Personnel: Tom Montano, PE; Paul Danforth, PE, SI; Erik Soderstrom, EI

UES Contract Amount: \$209,214.

Project Relevance	
Occurring in the city of Port St. Lucie	
Scope of work similar to solicited effort (includes geotechnical engineering, materials testing and inspections)	
Project demonstrates experience working with other key personnel	

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Universal Engineering Sciences	(2) FIRM LOCATION <i>(City and State)</i> Port St. Lucie, FL	(3) ROLE Geotechnical engineering; materials testing; special 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

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION <i>(City and State)</i> Street Resurfacing and Misc. Roadway Improvements EPW 2023-03 (Jupiter, FL)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Town of Jupiter, FL	b. POINT OF CONTACT NAME Scott Isberber, Project Engineer	c. POINT OF CONTACT TELEPHONE NUMBER 561-741-2286
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*



GFA dba UES is contracted by the town of Jupiter, FL to perform construction materials testing for street resurfacing efforts in various locations throughout the town. The team’s scope includes asphalt monitoring, asphalt compaction testing, concrete testing, and roadway cores.

Key Personnel: Tom Montano, PE; Paul Danforth, PE, SI; Victor Rivera

UES Contract Amount: \$4,550.00

Project Relevance
Project is being performed for a municipal client similar to city of Port St. Lucie
Scope of work similar to solicited effort (includes materials testing)
Project demonstrates key personnel collaboration experience

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

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Universal Engineering Sciences	Port St. Lucie, FL	Construction materials testing
b.		
c.		
d.		
e.		
f.		

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 4
21. TITLE AND LOCATION <i>(City and State)</i> New Jupiter Town Hall (Jupiter, FL)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Town of Jupiter, FL	b. POINT OF CONTACT NAME Lilian Cain, Admin. Specialist	c. POINT OF CONTACT TELEPHONE NUMBER 561-741-2286
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*  
 GFA dba UES has been contracted by the town of Jupiter to provide various services for construction of the new town hall. The team’s scope includes subsurface investigation, soil classifications, compaction testing, vibrocompaction monitoring, seismograph monitoring, pre- and post-construction surveys, construction material testing, LBRs, proctors, asphalt testing, and special inspections.

In addition to scopes of work performed in the field, the team attended a town hall-style meeting to answer questions from the community regarding the project.

Key Personnel: Tom Montano, PE; Paul Danforth, PE, SI

UES Contract Amount: \$22,638.00

Project Relevance
Project is being performed for a municipal client similar to city of Port St. Lucie
Scope of work similar to solicited effort (includes geotechnical engineering and materials testing)
Project demonstrates experience working with other key personnel

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Universal Engineering Sciences	(2) FIRM LOCATION <i>(City and State)</i> Port St. Lucie, FL	(3) ROLE Geotechnical engineering Construction 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



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 5
21. TITLE AND LOCATION <i>(City and State)</i> Project Senior - Amazon (Port St. Lucie, FL)	22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing      CONSTRUCTION <i>(If applicable)</i>	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER NBPIII Legacy II, LLC	b. POINT OF CONTACT NAME Hai Cao, Dir. of Devel. & Acquisitions	c. POINT OF CONTACT TELEPHONE NUMBER 989-906-9836
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



UES is contracted by NBPIII Legacy II to perform construction materials testing for a new, build-to-suit Amazon facility. The building will serve as a distribution center, encompassing 221,115 SF on a 52-acre site. The project is proceeding in accordance with AMZL-BTS-Design Guidelines.

Key Personnel: Tom Montano, PE; Paul Danforth, PE, SI; Estela Leon Aguilar, MS, PE; Erik Soderstrom, EI; Victor Rivera

UES Contract Amount: \$229,657

Project Relevance
Project is occurring in the city of Port St. Lucie
Scope of work similar to solicited effort (includes materials testing)
Project demonstrates experience working with other key personnel

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Universal Engineering Sciences	Port St. Lucie, FL	Construction materials testing
b.		
c.		
d.		
e.		
f.		

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

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Martin County BOCC - Public Works	b. POINT OF CONTACT NAME Bill Snyder, Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER 772-288-5430
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

In April 2023, UES was contracted to perform construction materials testing for the restoration of the Beau Rivage neighborhood. The community features single-family homes on the waterfront (along the St. Lucie River) with various amenities including ocean access and boat storage.

As a consultant to Martin County, Florida (Public Works Department - Capital Projects), the team is performing proctors, as well as compaction testing, concrete testing, and vibration monitoring.

Key Personnel: Tom Montano, PE; Paul Danforth, PE, SI; Victor Rivera

UES Contract Amount: \$13,590.00

Project Relevance
Project is being performed for a municipal client similar to city of Port St. Lucie
Scope of work similar to solicited effort (includes materials testing and non-threshold inspections)
Project demonstrates experience working with other key personnel

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Universal Engineering Sciences	Port St. Lucie, FL	Construction materials testing
b.			
c.			
d.			
e.			
f.			

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 7
21. TITLE AND LOCATION <i>(City and State)</i> Becker Road West Phase 2 (Port St. Lucie, FL)	22. YEAR COMPLETED PROFESSIONAL SERVICES 2023      CONSTRUCTION <i>(If applicable)</i>	

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Mattamy Palm Beach, LLC	b. POINT OF CONTACT NAME Eric Sexauer	c. POINT OF CONTACT TELEPHONE NUMBER 561-464-9946
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*



UES was contracted by Mattamy Homes to provide construction materials testing, as part of the western expansion of Becker Road. The extension is a multi-phase effort. UES’ portion of Phase 2 was completed in August 2023.

Key Personnel: Tom Montano, PE; Paul Danforth, PE, SI; Victor Rivera

UES Contract Amount: \$29,300

**Project Relevance**

Project was completed in the city of Port St. Lucie
Scope of work similar to solicited effort (includes materials testing and non-threshold inspections)
Project demonstrates experience working with other key personnel

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

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Universal Engineering Sciences	Port St. Lucie, FL	Construction materials testing
b.			
c.			
d.			
e.			
f.			

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 8
21. TITLE AND LOCATION <i>(City and State)</i> South Fork High School Athletic Facility (Stuart, FL)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2023	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Martin County Schools	b. POINT OF CONTACT NAME Rob Moyer, Facilities Specialist	c. POINT OF CONTACT TELEPHONE NUMBER 772-219-1200
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



UES was contracted by Martin County Schools to provide a geotechnical evaluation (including vibroflotation) and materials testing for construction at the South Fork High School athletic facility. The team performed Subsurface Investigations, Soil Classification, materials testing, proctors, LBRs, vibrocompaction monitoring, concrete testing, compaction testing, and threshold inspections.

Key Personnel: Tom Montano, PE; Paul Danforth, PE, SI; Erik Soderstrom, EI

UES Contract Amount: \$8,725.00.

Project Relevance
Project is being performed for a client similar to city of Port St. Lucie
Scope of work similar to solicited effort (includes materials testing and geotechnical services)
Project demonstrates key personnel collaboration experience

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Universal Engineering Sciences	Port St. Lucie, FL	Construction materials testing Geotechnical engineering
b.			
c.			
d.			
e.			
f.			



**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
Tom Montano, PE	Primary Liaison	X	X	X	X	X	X	X	X		
Paul Danforth, PE, SI	Regional VP/Special Insp./ Engineering Support Geotechnical Project	X	X	X	X	X	X	X	X		
Erik Soderstrom, EI	Manager		X			X			X		
Victor Rivera	Const. Materials Testing Project Manager	X		X		X	X	X	X		
Estela Leon Aguilar, MS, PE	Geotechnical Engineering Support					X					

**29. EXAMPLE PROJECTS KEY**

NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)	NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)
1	A1A Roundabout EPW 2022-04	6	Beau Rivage Neighborhood Restoration
2	Legacy Park Development (FedEx)	7	Becker Road West Phase 2
3	Street Resurfacing /Misc. Roadway Improvements FPW 2023-03	8	South Fork High School Athletic Facility
4	New Jupiter Town Hall	9	
5	Project Senior - Amazon	10	

**H. ADDITIONAL INFORMATION**

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

**CONSTRUCTION MATERIALS TESTING & INSPECTION SERVICES**

UES has been a leader in providing Construction Materials Testing and Inspection Services since our inception in 1964. We strive to ensure that every project (no matter the size) has the right people, resources, and tools to perform our services to the highest standard for our clients. We are known for providing quality service on a variety of projects—from large roadway construction, parking lots and multi-story buildings to single residential communities. A willingness to serve our clients with on-demand, part-time, and full-time staffing demonstrates our approach in meeting the specific needs of our clients.

Clients who choose to use UES for their construction services benefit from:

- Certified, Qualified, and Trained Technicians
- Reliable and Accurate Test Results
- Accredited and Full-Service Laboratories
- Timely and Quick Responsiveness

**IN-HOUSE LABORATORIES**

UES maintains full-service laboratory testing capabilities from each of our offices and performs testing services in the following fields of construction materials:

- Aggregate
- Asphalt and Bituminous Materials
- Corrosion Testing of Soil and Water
- Concrete and Cement
- Earthwork Soils Material
- Masonry Units
- Non-Destructive Testing

Well-trained and experienced field and laboratory technicians perform materials testing in accordance with local, state, and national test methods such as:

- American Association of State Highway and Transportation Officials (AASHTO)
- American Society for Testing and Materials (ASTM)
- American National Standards Institute (ANSI)
- Portland Cement Association (PCA)
- Underwriters Laboratories, Inc. (UL)\*

\* Additional information provided on the following pages.

**I. AUTHORIZED REPRESENTATIVE**  
*The foregoing is a statement of facts.*

31. SIGNATURE



32. DATE

9/12/2023

33. NAME AND TITLE

Thomas Montano, PE - Branch Manager

We have a Corporate Quality Systems Group (in-house) responsible for keeping our equipment calibrated and checked for accuracy. Also, our laboratories are qualified and accredited through outside agencies such as:

- Construction Materials Engineering Council (CMEC)
- Cement/Concrete Reference Laboratory Accreditation (CCRL)
- US Army Corps of Engineers (USACE)

#### FIELD SERVICES

##### SOILS

By conducting on-site tests and monitoring the construction process, UES can analyze the suitability of soils for structural fill, determine the need for moisture adjustment, and provide an overview of earthwork activities.

##### CONCRETE

Our inspection services also include sampling concrete for air content, slump, temperature, and unit weight; making cylinders for compressive strength tests; and observing concrete placement.

##### ASPHALT

Our asphalt concrete inspection services are designed to ensure that our clients’ asphalt pavement systems are constructed per project requirements. UES can provide field quality control to determine and monitor temperature, lift thickness, and compaction using core samples, as well as verification of aggregate gradation, asphalt content, bulk specific gravity, stability, and flow.

UES also provides more advanced inspection services such as:

- Aggregate Mine and Terminal Evaluation
- Asphalt and Concrete Coring and Evaluation
- Asphalt and Concrete Batch Plant Inspection
- Contractor Quality Control (CQC)
- Drilled Shaft
- Floor Flatness/Levelness Evaluation
- Maturity and Relative Humidity of Concrete
- Pavement Marking
- Prestress/Precast
- Threshold Inspection
- Welding and Metals Fabrication

#### KNOWLEDGE OF LABORATORY MATERIALS TESTING

UES prides ourselves on maintaining appropriate certifications for all testing laboratories, including CMEC, ASTM, AASHTO, and FDOT. In addition to the Port St. Lucie location noted, UES has 18 additional offices within the state of Florida capable of offering assistance during peak workloads, and support for specialty laboratory testing.

The CMEC certification requires thorough inspections of our laboratories to check the condition of the equipment, knowledge of testing procedures, demonstration of test procedures (both field and laboratory testing), review of equipment calibration records, and more. The CMEC certification ensures that the test procedures are performed per applicable AASHTO and ASTM standards.

#### GEOTECHNICAL ENGINEERING

UES offers a full range of geotechnical engineering services designed to help architects, engineers, and developers meet local, state, national, and international environmental regulations.

Our world-class geotechnical team works in multiple sectors throughout the United States, including theme parks, hospitality, transportation, residential, higher education, healthcare, and retail.

UES’ specialists are supported by a comprehensive set of resources, including one of the largest fleets of energy-efficient field vehicles, high-capacity drill rigs, and state-of-the-art laboratories performing AASHTO, ASTM, FM, and USACE accredited testing on soils, rock cores, and water samples.

We are pre-qualified with different departments of transportation allowing us to conduct geotechnical and materials testing work related to highway design and construction in those states. Additionally, our engineers have worked on projects ranging from high-rise buildings, industrial developments, and commercial facilities, to solid and hazardous waste landfills and stormwater management systems.

#### LABORATORY SERVICES

Due to the nature of materials testing and inspection, and threshold services, many of our project assignments are short-term in nature.

Durations typically range from one day to two weeks. As such, we can handle new projects to replace our assignments being completed weekly.

We pride ourselves on completing assignments on time with the appropriate resources.

Our laboratory managers upload all sample results to track the progress of samples during all steps of sampling, testing, and reporting. Utilizing our company-wide server allows the UES Contract Manager to oversee laboratory testing flow in real time, for any sample delivered to our laboratories. Each of our laboratories follows the Quality Systems Manuals and has Quality Assurance oversight by our Quality Systems Manager.

With this robust in-house support, UES provides its clients with a multitude of capabilities, from preliminary investigations through final design.

### **EFFICIENT BY DESIGN**

Field Data Collection (FDC) is proprietary software used by UES technicians to gather testing data.

Following a client’s request for service, a work order will immediately be created, and a UES field technician will be scheduled and dispatched to the test site. With the use of remote devices in the field, the information gathered by the technicians is saved and transmitted to our office where, in conjunction with samples taken from the field, lab tests are performed and recorded. The resulting data is uploaded to our dispatch and scheduling application where reports are generated and reviewed by a project manager for quality. Once approved, the reports are then sent electronically to the client.

Using soil and groundwater test results, UES’ geotechnical engineers can analyze existing site conditions and provide our clients with safe, cost-effective construction solutions. Our dedication to value engineering techniques, state-of-the-art site exploration, and our extensive exploration database consistently proves to be invaluable in pre-design and pre-construction planning. Evaluation of subsurface soils and groundwater conditions is important to the development and design of construction projects as these evaluations confirm the allowable capacities of foundations, settlement potential, and groundwater conditions.

Also, it is extremely important that the subsurface exploration program evaluates potential site

development and long-term performance problems.

Thus, we can identify cost-effective remediation alternatives for use by other members of the design team.

We also provide post-construction settlement investigations. These studies involve the determination of the cause(s) of settlement followed by remedial recommendations. Examples include sinkhole evaluation of commercial and residential structures, and consolidation of organic or soft clay deposits.

### **CIVIL DESIGN SUPPORT SERVICES**

Civil engineering design often requires special considerations for proper performance and economical construction. UES offers many services in this area such as:

- Exfiltration/Recovery Analysis and Permeability Evaluations
- Underdrain Evaluation and Design
- Pavement Design
- Borrow Pit Studies
- Dewatering Permitting
- Vibration and Noise Monitoring
- Pile Driving Analysis
- Structural Failure Analysis

### **DEVELOPMENT ACTIVITIES**

The development of a new site requires several studies to ensure that the site is compatible with the intended use. These studies include characterizing soil and groundwater conditions, evaluating the potential for sinkhole activity on the site, and location of muck on the site that could adversely affect performance and construction costs of structure and pavement areas.

### **DEVELOPMENT ACTIVITY SERVICES**

UES routinely performs soil investigations and geotechnical design services for construction projects where proper characterization of subsurface soil and groundwater conditions is essential to the successful performance of foundations, walls, dams and other structures.

UES is capable of conducting development services as follows:

- Site Feasibility and Due Diligence Studies
- Soil Mapping and Classification



- Sinkhole Evaluation
- Landfill Site Selection and Assessment
- Muck Probes and Mapping
- Subsurface Investigations
- Standard Penetration Testing (SPT)
- Cone Penetrometer Soundings
- Shallow and Deep Foundation Recommendations and Design
- Settlement and Stability Analysis
- Subsurface Improvement Recommendations
- Retaining Wall Design
- Seepage Analysis
- Sinkhole Remediation Design
- Value Engineering Analysis

### **GEOPHYSICAL SURVEYS**


As part of the broad range of engineering services provided to clients, UES uses geophysics as a cost-effective, non-intrusive means to rapidly characterize subsurface conditions and man-made structures. Our experience spans from engineering investigations involving pre-design and pre-build geologic characterizations to forensic assessments of distressed property, and “cause of subsidence” evaluations.

Geophysical surveys are used to optimize drilling and sampling programs and to measure bulk physical properties that are complementary to conventional engineering sampling methods.

### **WHAT LIES BENEATH**

Underground utilities can pose a variety of difficulties for construction and facilities management if their locations and depths are not accurately known. Drawings and utility maps are often inaccurate, or in many cases, utilities are not documented at all. In addition to geotechnical applications, geophysical surveys are cost-effective means to map underground utilities in the design phase or prior to start of new and remedial construction activities.

UES' geophysicists, geologists, and engineers draw from their experience to provide optimal solutions to clients' most challenging engineering concerns. UES continually strives to research new techniques and methods which may further increase our ability to provide our clients with the most prompt and up-to-date services.

<b>ARCHITECT-ENGINEER QUALIFICATIONS</b>				1. SOLICITATION NUMBER <i>(If any)</i> RFP-20230089-0-2023		
<b>PART II - GENERAL QUALIFICATIONS</b> <i>(If a firm has branch offices, complete for each specific branch office seeking work.)</i>						
2a. FIRM (or Branch Office) NAME Universal Engineering Sciences, Inc. - Port St. Lucie				3. YEAR ESTABLISHED 1966	4. UNIQUE ENTITY IDENTIFIER 06-481-7562	
2b. STREET 607 NW Commodity Cove				5. OWNERSHIP		
2c. CITY Port St. Lucie		2d. STATE FL	2e. ZIP CODE 34986	a. TYPE Corporation		
6a. POINT OF CONTACT NAME AND TITLE Tom Montano, Branch Manager				b. SMALL BUSINESS STATUS N/A		
6b. TELEPHONE NUMBER (772) 924-3575		6c. EMAIL ADDRESS tmontano@teamues.com		7. NAME OF FIRM <i>(If Block 2a is a Branch Office)</i> N/A		
8a. FORMER FIRM NAME(S) <i>(If any)</i> Universal Engineering Testing Company				8b. YEAR ESTABLISHED 1964	8c. UNIQUE ENTITY IDENTIFIER 06-481-7562	
9. EMPLOYEES BY DISCIPLINE			10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS			
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number <i>(see below)</i>
		(1) FIRM	(2) BRANCH			
02	Administrative	354	8	A10	Asbestos Abatement/Services	5
48	Project Manager	100	5	E09	Environmental Impact Studies	6
07	Biologist	0	0	E12	Environmental Remediation	5
08	CADD Technician	10	0	E13	Environmental Testing & Analysis	5
12	Civil Engineer	0	1	F05	Forensic Engineering	4
15	Construction Inspector	302	25	H03	Haz/Toxic Waste Remediation	5
18	Estimator	4	0	S05	Soils&Geologic Studies/Foundatio	8
23	Environmental Engineer	0	0	T02	Testing & Inspection Services	9
24	Environmental Scientist	45	2	W02	Water Resources & Ground Water	4
26	Forensic/Geo Engineer	0	0	C08	Code Compliance & Threshold Ins	6
27	Foundation/Geo Engineer	95	2			
30	Geologist	17	1			
34	Hydrologist	0	0			
36	Industrial Hygenist	3	0			
40	Material Engineer	0	0			
55	Soils Engineer	44	4			
57	Structural Engineer	5	1			
	Engineering Tech I & II	330	16			
	Lab Technicians/Supervisor	173	3			
	Driller	110	2			
	Other Employees	503	4			
<b>Total</b>		2,095	73			
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>			PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	5	1. Less than \$100,000		6. \$2 million to less than \$5 million		
b. Non-Federal Work	10	2. \$100,000 to less than \$250,000		7. \$5 million to less than \$10 million		
c. Total Work	10	3. \$250,000 to less than \$500,000		8. \$10 million to less than \$25 million		
		4. \$500,000 to less than \$1 million		9. \$25 million to less than \$50 million		
		5. \$1 million to less than \$2 million		10. \$50 million or greater		
<b>12. AUTHORIZED REPRESENTATIVE</b> <i>The foregoing is a statement of facts.</i>						
a. SIGNATURE 				b. DATE 8/16/23		
c. NAME AND TITLE Tom Montano, Branch Manager						

## **USE OF SUBCONSULTANTS**

GFA dba UES is capable of performing the anticipated projects under this contract, in house. We do not intend to utilize subconsultants.

TAB 2

**METHODOLOGY/  
APPROACH**



## METHODOLOGY & PROJECT APPROACH

### Understanding of the 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 Cent Sales Tax for Infrastructure Improvements and other City projects that require geotechnical services. Separate contracts will be created for projects requiring geotechnical services, as determined by the city. We recognize that federal guidelines may apply to the projects within this contract and that requirements may vary per assignment. We also understand that detailed scopes of work will be developed for each project.

GFA dba UES does not anticipate any problems or concerns meeting the city's schedule or demands. We will provide qualified personnel to conduct geotechnical scopes of work as follows:

- Subsurface investigations
- Soil type/classification
- Compaction
- Permeability
- Construction material testing
- Limerock Bearing Ratio (LBR)
- Modified proctor
- Standard proctor

We will furnish all necessary materials, labor, professional geotechnical expertise, supervision, equipment, and transportation to execute and complete all work required by the city's specifications. We will also 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. Our full-time staff of employees is ready to move forward immediately with all requirements of this contract.



We will provide engineering testing services from in-house 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: Geotechnical investigations are designed to investigate a property's soil and geologic conditions and provide recommendations and design criteria for construction. The scope includes reviewing available literature, conducting on-site exploration, mapping/logging and sampling, and laboratory testing of field samples. GFA dba UES will interact with the city's staff to complete each project.

### Project Approach

Geotechnical services typically involve five critical steps. First, preliminary fieldwork occurs. In this phase, a geotechnical engineer will collaborate with a client representative to determine project objectives. The engineers will determine appropriate locations and depths for taking soil samples. Boring sites will include areas where structures, pump stations, levees, culverts, and water control structures require geotechnical data.

Engineers will also develop preliminary concepts for drainage structures and pavements (which may be needed to direct water away from buildings). Our geotechnical team will develop a thorough proposal detailing a scope of services, fees, and report submittal milestones.

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

A geotechnical engineer will take a series of soil samples from each defined boring location, focusing on recovered materials

and penetrating resistance. Should the field sampling plan need to be adjusted, the field engineer will discuss these changes with the client and make appropriate arrangements with the field crews.

The third stage - materials testing - includes laboratory tests and sample reviews. Our engineers

will conduct thorough visual examinations of all soil samples obtained from field investigations in our laboratory (following ASTM D-2488) to accurately define the soil's geomorphic conditions and properties. Engineers evaluate soil samples for strength, moisture, density, and other characteristics and properties. We conduct random laboratory tests on soils within the foundation-bearing depths to verify visual classifications. These tests may include gradation analysis and organic content testing on soil samples.

Our team then develops final detailed boring logs depicting the soils encountered. These boring logs illustrate the soils 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. This report considers myriad factors, including questions such as:

- *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)? 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 perform appropriate evaluations to make recommendations concerning foundation support of structures and slabs, soil bearing pressures, bearing elevations, and foundation design recommendations. As part of the analysis (and only if necessary), we will advise our client on improving the soils onsite.

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.

Our reports are unique to each study, and will be organized specifically for each assignment.

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. They have the training, equipment, and soil and material characteristics knowledge to make engineering judgments about potential soil and materials problems.

### **Specialized Skills**

GFA dba UES will apply many specialized skills to the investigation that will save time and cost. We own and operate one of Florida's largest and most diverse fleets of drilling equipment. The group 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, we also offer Roto-Sonic drilling services. Our Geoprobe™ 8150LS Sonic Drill Rig is a multi-purpose rig capable of performing many tasks, such as sampling complex formations 2-3 times faster than conventional systems.

## **MATERIALS TESTING SERVICES**

### **Understanding of the Scope of Work**

During construction, we 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 the suitability of the fill soil, soil compaction, concrete strength, and suitability of pavement materials. City staff and the design team use the results of our tests to verify contractors' work. We serve as an extension of your staff (as extra "eyes and ears") onsite to ensure the city's best interests.

### **Project Approach**

The first activity for the construction testing function is to work with the city's staff to establish a testing scope and approach. During these critical conversations, UES and the city will mutually review the construction sequence and schedule and determine the best mobilization of our field forces. For example, the construction activity is usually relatively light at the beginning and end of the project. We will conserve funds during this

period 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. We may consider assigning full-time technicians to the site as construction activity increases. 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 retaining the same personnel assigned to the project throughout its duration.

Further, our materials testing staff are trained and equipped to conduct various onsite tests. The proposed team for this contract is no exception. Our cross-training reduces the necessary field workforce, representing cost savings for the city.

All field and laboratory tests will follow the appropriate ASTM, ACI, and FM standards. We will provide certified technicians (who have achieved designations from relevant organizations - ACI, AWS, and FDOT). Typical tests will include soil compaction, soil classification, laboratory Proctor, LBR of pavement subgrade and base, extraction, gradation, and thickness of asphaltic concrete, slump, air content and temperature of fresh concrete, unit weight and compressive strength of cured concrete, and inspection of reinforcing steel, where needed. We will immediately provide copies of the test results to the City of Port St. Lucie inspector. A Professional Engineer will review, sign, and seal all final reports. The project manager will also review the field reports and visit the site periodically to inspect our services and resolve technical issues. We will conduct laboratory tests in our local facilities (annually inspected and certified by CMEC and the FDOT). These inspections verify the proper calibration of our equipment and adequate training of our laboratory personnel. We will also attend project status meetings, providing input when appropriate.

### **Specialized Skills**

We will apply numerous technical investigative skills that will save time and money for the city. We also maintain specialized in-house capabilities available for this contract. GFA dba UES has the best-equipped geotechnical laboratories in the state of Florida, with devices capable of providing virtually any test on soils, concrete, and aggregates.

We look forward to serving as a one-stop shop for the City of Port St. Lucie, providing the most cost-effective and professional services possible for this contract.

## QUALITY CONTROL PROCEDURES AND METHODS

UES employs several levels of quality control to ensure that our clients receive the most accurate reports and relevant data. For geotechnical reports, all field boring logs and soil samples are reviewed by the project engineer. Our project engineers are all registered and degreed engineers, most with master's degrees. The project engineer presents all reports and recommendations to the principal-in-charge before being released to the client. The principal-in-charge of the project reviews each report for technical accuracy, the practicality of recommendations, and cost-effectiveness.

UES follows testing guidelines specified by the American Society for Test Materials (ASTM) and reporting guidelines of the American Society of Firms Practicing in the GeoSciences (ASFE). UES also has its comprehensive quality assurance plan (COMPQAP), which has been implemented company-wide.

We provide additional quality assurance by ensuring department supervisors review all construction testing and threshold reports for technical aspects. Proofreaders also review reports for typographical accuracy before they are presented to the registered engineer for signature. Our team prepares an audit sheet (checklist) for each construction project to ensure the appropriate tests occur for each project.

The audit sheet lists every test location before the commencement of construction. The sites are checked off as tests are completed. Failing tests are noted as requiring retests. When passing retests occur, they are indicated as retests of the specific test number.

UES also uses a peer review program as an additional quality control method.

Periodically, project files are selected randomly and sent to branch offices and other firms for peer review.

The reviewing firm or branch prepares a comprehensive assessment using a format provided by ASFE. This program helps us maintain the

quality of our services as a priority, keeping it at the forefront of our minds.

## QUALITY ASSURANCE

Our team continually seeks excellence and improvement in our procedures to provide quality geotechnical and materials testing services. We have an in-house QA/QC program that will utilize a strict, comprehensive QA/QC plan for this contract.

The plan addresses all aspects of our services, including field and laboratory testing, yearly equipment calibration, and engineering reporting.

The QA/ QC plan addresses, at a minimum:

1. **Technician Certifications:** Appropriate testing certifications are current on file
2. **Field Testing Audits:** UES' QA/QC Manager performs random audits of field testing equipment and procedures
3. **Laboratory Certifications:** Our materials laboratories' equipment and personnel are CMEC and FDOT-inspected and qualified as required by the applicable standards
4. **Document Preparation:** All reports are reviewed by a minimum of two individuals, including a senior engineer who reviews the document for accuracy and thoroughness
5. **Document Storage:** Copies of calibrations and personnel training and certifications are maintained in our "Quality Systems Manual" binder stored in our laboratory

## REPORT GENERATION AND TURNAROUND TIME

UES prides itself on providing the most timely service to our clients. Our ability to mobilize to a project and deliver a report is unmatched in the industry. Our high level of service begins with our large, versatile fleet of drilling rigs. With myriad fully staffed drill crews throughout South Florida, we have one of the largest fleets in Florida.

City projects, even tricky access sites, will not have to wait for drilling services.

For every materials test conducted, we provide a Materials Testing Report. This report documents the test performed, the test location, and the results. Our Materials Engineer (a registered professional engineer) reviews the Materials Testing Reports and sends copies to the project team members.

When failures occur, we notify the project superintendent immediately. Our typical turnaround time for materials testing reports is two to three days.

Once the data is in the office, we use our Local Area Network (LAN) to generate the report quickly. Typically, our geotechnical report turnaround time is about two weeks.

However, when necessary, we can reduce this timeframe to as little as three days. We also provide information updates to the design team members as they become available.

## REPORTING

### Information Management Systems and Document Control

UES has developed an industry-proprietary Field Data Collection System utilized by our team members to report all project-related inspections and materials testing services. This system has a linked laboratory module that allows our staff to access and communicate pertinent results close to real-time. Our inspectors and field technicians will observe FDOT, ASTM, and the City's standards, rules, and policies in inspection, sampling, testing, verification, and approval of construction materials and will appropriately report all deliverables. All materials testing reports will be signed and sealed by a Professional Engineer from UES' team. This methodology ensures the services provided comply with the most current edition, including updates of all applicable manuals and guidelines, state and federal regulations, and the City's directives.

Victor Rivera, Materials Testing Project Manager, and Erik Soderstrom, EI (Geotechnical Project Manager) will monitor these activities with the entire team and maintain coordination and communication throughout the life of the project. Each task has a specific deliverable the team must complete within turnaround times.

Our clerical staff will ensure the submitted written reports for inspections and testing are comprehensive, including all findings, conclusions, and recommendations determined during testing procedures. Thomas Montano, PE, Primary Liaison, Paul Danforth, PE, SI (Special Inspector/Engineering Support) or Estela Leon Aguilar, MS, PE, shall sign and seal a certification on all reports stating the tests have been prepared per applicable industry

standards.

## RECORDS MANAGEMENT

UES uses a comprehensive software system, including licensed and proprietary programs, to successfully manage our day-to-day operations and all aspects of a project. At the top level, our company uses Microsoft Windows 10 on all PCs in conjunction with Office 365, Sophos Cyber Security, Fortinet Firewall and Ransomware, a secured VPN, and GoToMeeting.

At the center of our operations management is Deltak Vision. Vision is an established industry standard used extensively throughout the A/E/C community. This software serves as our main database to capture every project detail, such as the scope of work, duration, subconsultants used, and primary personnel. It also houses all our client base information and generates detailed reports.

Vision also includes a function for billing (an essential component of any professional services effort). Vision captures a massive amount of project and client information, which results in immense bookkeeping capabilities.



To ensure that all these systems work seamlessly together, UES employs a full-time Application Business Analyst and Software Developer. Field Data Collection (FDC) is proprietary software that streamlines the data collection process for UES technicians. Following a client's request for service, a work order is immediately created, and a UES field technician is scheduled and dispatched to the test site.

Another piece of proprietary software (known as Dispatch) manages these tasks, including all incoming requests, subsequent work orders, technicians' progress, and tracking of samples.

Remote devices in the field save and transmit the information gathered by the technicians to our office. There, along with samples taken from the field, lab tests are performed and recorded.

The resulting data is uploaded to our dispatch and scheduling application. There, reports are generated and reviewed by a project manager for quality. Once approved, the reports are sent electronically to the client.

Every UES employee involved understands that this entire process begins and ends with the client. As such, we are dedicated to delivering fast and accurate results.

## COMMUNICATION PROCESS

UES will establish and maintain close cooperation and clear communication channels between our personnel and city of Port St. Lucie staff.

Our approach to communication will ensure the timely completion of laboratory and field assignments and responses to critical project schedules. We will submit daily results of testing and inspections to ensure prompt dissemination of information vital to the continued progress of the project and the final acceptance of completed work.

UES project teams utilize qualified personnel and carefully manage all assignments to ensure adherence to specified testing procedures as well as accurate test results.

Our Port St. Lucie location is no exception. We will only assign inspectors and technicians with extensive experience in asphalt, concrete, and soils to this project.

In addition, our engineering and materials staff can also provide expert recommendations and assistance

to resolve any construction-related material problems that arise during construction. We will provide the direct contact information of our key personnel to maintain the availability of personnel to assist the city of Port St. Lucie.

Our goal as your construction materials testing and inspection firm is to ensure the City receives correctly and accurately tested and inspected materials structures. We strive to maintain compliance with approved plans, specifications, and contract requirements.

For example, consider a concrete test cylinder that fails to achieve the specified 28-day compressive strength. Our responsibility is to ensure that the key project team members are notified the same day the failed tests occurred, both verbally and in writing.



TAB 3

**CERTIFIED MBE**

**CERTIFIED MBE**

This section of the response does not apply. GFA International, Inc., dba Universal Engineering Sciences (UES) is not a minority firm.

TAB 4

**ADDITIONAL REQUIRED  
PROPOSAL SUBMITTAL  
FORMS**

ATTACHMENT B - E-RPF #20230089  
**CONSULTANT'S GENERAL INFORMATION WORK SHEET**  
**E-RFP #20230089**

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

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

Dated at Port St. Lucie, FL, this 2nd day of Oct., 2023  
 (Location)

Name of Organization/Consultant: GFA International, Inc., dba Universal Engineering Sciences (UES)

By: Tom Montano, PE - Branch Manager  
 Name and Title

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

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

Name: GFA International, Inc., dba Universal Engineering Sciences (UES)  
 Address: 1215 Wallace Drive  
Delray Beach, FL 33444  
 Telephone Number: (561) 347-0070  
 Fax Number: (561) 395-5805

3. Contact person: Tom Montano, PE Email: tmontano@teamues.com  
Branch Manager - Port St. Lucie

4. Firm's previous names (if any). Not applicable

5. **ADDENDUM ACKNOWLEDGMENT** - Bidder acknowledges that the following addenda have been received and are included in its proposal/bid:

Addendum Number	Date Issued	Addendum Number	Date Issued
1	9-14-2023		
2	9-22-2023		

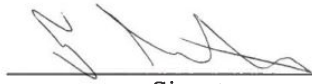
6. List any lawsuits pending or completed within the past five (5) years involving the corporation, partnership or individuals with more than ten percent (10 %) interest:

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GFA International, Inc., dba Universal Engineering Sciences (UES) has no individuals with more than 10% interest. Please see litigation information on the following page.  
(N/A is not an acceptable answer - insert lines if needed)

7. List any judgments from lawsuits in the last five (5) years:  
Please see litigation information on the following pages.  
  
(N/A is not an acceptable answer - insert lines if needed)

8. List any criminal violations and/or convictions of the Proposer and/or any of its principals:  
Neither GFA International, Inc., dba UES (nor any of its principals) have incurred any criminal violations or convictions.  
(N/A is not an acceptable answer - insert lines if needed)



Signature

Branch Manager - Port St. Lucie

Title



## CONSULTANT'S GENERAL INFO. WORKSHEET - QUESTIONS #6-7: LAWSUITS

### LITIGATION - LAST FIVE YEARS

There has been no litigation or regulatory action that has been filed, pending or resolved against GFA International, Inc. in the past five (5) years other than the following:

1. On March 1, 2013, a complaint was filed against GFA by Pavarini Construction, (Case no. 13-7634 CA10 in the 11th Judicial Court in Miami Dade County) the general contractor for a 63-story condominium project (900 Biscayne) in Miami. A subsequent complaint was filed by the developer, 900 Biscayne LLC., (Case # 13-12771 CA 01 in the 11th Judicial Court in Miami) against GFA, et al... GFA provided threshold inspections and construction materials testing on the project. The plaintiff(s) were alleging negligence for failure to properly inspect certain aspects of the building construction. Both cases stem from a FS558.004 claim against the builder of the project. The case against GFA was settled and dismissed in July 2017.
2. 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(2700 North Ocean). The plaintiff(s) are alleging negligence for failure to properly inspect certain aspects of the building construction. GFA has denied all liability and the case was settled on 11/10/20.
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 denied all liability and was granted a Motion for Summary Judgment and Final Judgment in their favor on January 8, 2020. The Plaintiff has appealed the ruling to the

4th District Court of Appeals (DCA). The 4th DCA affirmed and GFA was dismissed in 2021.

3A. On April 4, 2020, a Demand for Arbitration was filed to the American Arbitration Association Construction Panel by Old ADC, Inc. F/K/A Altman Development Corporation, against GFA International, Inc. (GFA) (CASE NO.: 01-20-0005-0503) for the same alleged damages summarized in "Case 3" above "(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) which GFA was dismissed from. GFA denied all liability and filed a counterclaim. The case settled in May, 2023.

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) alleged negligence for failure to properly inspect certain limited aspects of the building construction. The case against GFA was settled and dismissed in July 2019.

5. 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 denied all liability and was dismissed from the case on 03/15/2019.

6. 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 denied all liability and was dismissed from the case on 03/15/2019.

7. On June 25, 2019, a Complaint was filed by FCCI Insurance as subgrogee to Coconut Creeks Hotels, LLC against GFA, et al in Case No. CACE-19-006066 in Broward County involving alleged construction defects and resulting water intrusion damage for a 4-story Hampton Inn and Suites Hotel in Coconut Creek, Florida. GFA provided threshold inspections and construction materials testing. The plaintiff was alleging negligence for failure to properly inspect certain aspects of the building window construction. GFA denied all liability and after filing a 57.105 claim (frivolous lawsuit), was dismissed from the case on 11/15/2019.

8. On February 5, 2020, a complaint was filed by Ave Maria University, Inc. against GFA (Case No. 11-2020-CA-000396-0001-XX in the 20th Judicial Court in Collier County) involving alleged construction defects for a 2-story recreational building in Naples, Florida (Tom Golisano Field House). GFA provided construction materials testing, private provider 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 the case was settled with GFA on 6/10/22. The main case is still on-going.

9. On September 15, 2020, a complaint was filed by Edward and Susan Bradley against GFA (Case Style Edward J. Bradley and Susan Bradley v Sun Home Services, GFA - Case No. 20-0794CA in the 19th Circuit Court in Martin County, Florida) alleging improper treatment for termite damage for a modular home and subsequent termite damage.

GFA provided Private Provider Plan Review and Inspection services for the project. The Plaintiff is alleging negligence against GFA for failure to ensure proper termite protection was provided. GFA denied all liability and the case was settled in May, 2021.

10. On July 12, 2021, a complaint was filed by Bruce Beasley against the Williams Company who filed a third-party complaint against GFA, et al) (Case Style BEASLEY NAPLES, LLC, a Florida limited liability company, BRIAN E. BEASLEY, AS PERSONAL REPRESENTATIVE OF THE ESTATE OF GEORGE G. BEASLEY, and SHIRLEY ANN BEASLEY,

vs. THE WILLIAMS GROUP, INC. - Case No. 11-2021-CA-001142 in the 20th Circuit Court in Collier, FL) alleging construction defects relating to exterior stone columns on a residential structure.

GFA provided Private Provider Plan Review and Inspection services for the project. The Plaintiff is alleging negligence against GFA for failure to properly inspect. GFA denied all liability and the case was dismissed against GFA on June 1, 2022. The main case is still on-going.

11. On March 20, 2023, a complaint was filed by Centra Falls Homeowners Association, Inc. against Centra Falls, LLC, et al, including a claim against GFA International, Inc. . - Case No. CACE-23-000367 in the 17th Circuit Court in Broward, FL alleging construction defects relating to building construction and site improvements. GFA provided material Quality Control testing services for the project. The Plaintiff is alleging negligence against GFA for failure to properly test soil and concrete materials installed as part of the construction. GFA denied all liability and the case is still on-going.

12. On March 23, 2023, a complaint was filed by Nicole Perry (as individual) against GFA International, Inc., et al, - Case No. CACE-22-008820 in the 17th Circuit Court in Broward, FL alleging construction of a dangerous condition at the Pompano Beach Parking Garage which caused a trip and fall accident. GFA provided material Geotechnical Engineering, Quality Control testing of construction materials and threshold inspection services for the project. The Plaintiff is alleging negligence against GFA for failure to identify a dangerous condition when the parking garage was constructed in 2016. GFA denied all liability and the case is still on-going.

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**NOTICE TO ALL PROPOSERS**

To ensure fair consideration is given for all Proposers, it must be clearly understood that upon release of the proposal and during the proposal process, firms and their employees of related companies as well as paid or unpaid personnel acting on their behalf shall not contact or participate in any type of contact with City employees, department heads or elected officials, up to and including the Mayor and City Council. The **"Cone of Silence"** is in effect for this solicitation from the date the solicitation is advertised on DemandStar, until the time an award decision has been approved by City Council and fully executed by all parties. Information about the Cone of Silence can be found under the [City of Port St. Lucie Ordinance 20-15, Section 35.13](#). Contact with anyone other than the Issuing Officer may result in the vendor being disqualified. All contact must be coordinated through Ms. Robyn Holder, Issuing Officer, for the procurement of these services.

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

All questions, comments and requests for clarification must reference the Solicitation number on all correspondence to the City. Any oral communications shall be considered unofficial and non-binding.

Only written responses to written communication shall be considered official and binding upon the City. The City reserves the right, at its sole discretion, to determine appropriate and adequate responses to the written comments, questions, and requests for clarification.

\*NOTE: All addendums and/or any other correspondence before bid close date (general information, question and responses) to this solicitation will be made available exclusively through the [DemandStar's Website](#) for retrieval. All notice of intent to award documentation will be published on the [City Clerk's Website](#). Proposers are solely responsible for frequently checking these websites for updates to this solicitation.

**I understand and shall fully comply with all requirements of City of Port. St. Lucie Ordinance 20-15, Section 35.13.**

Typed Name: Tom Montano, PE

Signed:  \_\_\_\_\_

Company and Job Title: Branch Manager - Port St. Lucie (GFA International, Inc. dba UES

Date: September 14, 2023

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"A City for All Ages"

### CONSULTANT’S CODE OF ETHICS

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

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

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must require their suppliers (including temporary labor agencies) to do the same. Consultant must conform their practices to any published standards for their industry. Compliance with laws, regulations and practices include, but are not limited to the following:

- Obtaining and maintaining all required environmental permits. Further, Consultant will endeavor to minimize natural resource consumption through conservation, recycling and substitution methods.
- Providing workers with a safe working environment, which includes identifying and evaluating workplace risks and establishing processes for which employee can report health and safety incidents, as well as providing adequate safety training.
- Providing workers with an environment free of discrimination, harassment and abuse, which includes establishing a written antidiscrimination and anti-bullying/harassment policy, as well as clearly noticed policies pertaining to forced labor, child labor, wage and hours, and freedom of association.

Name of Organization/Proposer GFA International, Inc. dba Universal Engineering Sciences (UES)

Signature 

Printed Name and Title Tom Montano, PE - Branch Manager

Date September 14, 2023

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



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**E-Verify Form**

**Contractor acknowledges and agrees to the following:**

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

**E-Verify Company Identification Number** 416138

**Date of Authorization** May 18, 2011

**Name of Contractor** GFA International, Inc. dba Universal Engineering Sciences (UES)

**Name of Project** Continuing Contracts for Geotechnical Services

**Solicitation Number (If Applicable)** E-RFP Number: 20230089

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

Executed on September 19, 2023 in Port St. Lucie (city), FL (state).

Signature of Authorized Officer

Travis Merrick, South Florida  
Division President

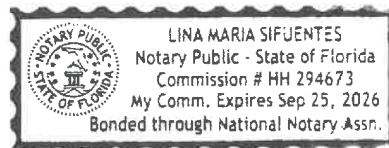
Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME

ON THIS THE 19<sup>th</sup> DAY OF September, 2023.

NOTARY PUBLIC [Signature]

My Commission Expires: 9/25/2026



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**NON-COLLUSION AFFIDAVIT**State of FLORIDACounty of ST. LUCIE }Thomas Montano, P E, being first duly sworn, disposes and says that:

(Name/s)

1. They are Branch Manager of GFA International, Inc. dba the Proposer that  
Universal Engineering Sciences (UES)  
(Title) (Name of Company)

has submitted the attached PROPOSAL;

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

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

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

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

(Signed) (Title) Branch Manager

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

The foregoing instrument was acknowledged before me this (Date) September 14th, 2023

by: Thomas Montano who is personally known to me or who has produced  
\_\_\_\_\_ as identification and who did (did not) take an oath.

Commission No. HH294673

Notary Print: Lina Sifuentes

Notary Signature: \_\_\_\_\_




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**DRUG-FREE WORKPLACE FORM**

The undersigned Contractor in accordance with Florida Statute 287.087 hereby certifies that GFA International, Inc. dba Universal Engineering Sciences (UES) does:  
(Name of Business)

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

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

  
\_\_\_\_\_  
Bidder's Signature

September 14, 2023

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

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**VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES' LISTS**

Vendor Name: GFA International, Inc. dba Universal Engineering Sciences (UES)

Vendor FEIN: 65-0874962

Authorized Representative's Name: Thomas Montano, PE

Authorized Representative's Title: Branch Manager

Address: 607 NW Commodity Cove

City, State and Zip Code: Port St. Lucie, FL 34986

Phone Number: 772-924-3575

Email Address: tmontano@teamues.com

Sections 287.135 and 215.473, Florida Statutes, prohibit Florida municipalities from contracting with companies, for goods or services over \$1,000,000 that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or to engage in any Business operations with Cuba or Syria. Sections 287.135 and 215.4725 also prohibit Florida municipalities from contracting with companies, for goods or services in any amount that are on the list of Scrutinized Companies that Boycott Israel.

The list of "Scrutinized Companies" is created pursuant to Section 215.473, Florida Statutes. A copy of the current list of "Scrutinized Companies" can be found at the following link:  
<https://www.sbafla.com/fsb/FundsWeManage/FRSPensionPlan/GlobalGovernanceMandates/QuarterlyReports.aspx>

As the person authorized to sign on behalf of the Respondent Vendor, I hereby certify that the company identified above in the section entitled "Respondent Vendor Name" is not listed on either the Scrutinized Companies with Activities in Sudan List; or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; is not participating in a boycott of Israel; and does not have any business operations with Cuba or Syria. I understand that pursuant to Sections 287.135 and 215.473, Florida Statutes, the submission of a false certification may subject the Respondent Vendor to civil penalties, attorney's fees, and/or costs.

I understand and agree that the City may immediately terminate any contract resulting from this solicitation upon written notice if the company referenced above are found to have submitted a false certification or any of the following occur with respect to the company or a related entity: (i) for any contract for goods or services in any amount of monies, it has been placed on the Scrutinized Companies that Boycott Israel List, or is engaged in a boycott of Israel, or (ii) for any contract for goods or services of one million dollars (\$1,000,000) or more, it has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or it is found to have been engaged in business operations in Cuba or Syria.

Authorized Signature  
Thomas Montano, PE

Print Name

Signature

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**TRUTH-IN-NEGOTIATION CERTIFICATE AND AFFIDAVIT**

STATE OF FLORIDA     §  
COUNTY OF ST. LUCIE   §

Before me, the undersigned authority, personally appeared affiant Travis Merrick, who being first duly sworn, deposes and says:

1. That the undersigned firm is furnishing this Truth in Negotiation Certificate pursuant to Section 287.055(5)(a) of the Florida Statutes for the undersigned firm to receive an agreement for professional services with the City of Port St. Lucie, St. Lucie County, Florida.
2. That the undersigned firm is a corporation which engages in furnishing professional engineering services and is entering into an agreement with the City of Port St. Lucie, St. Lucie County, Florida to provide professional services for a project known as Continuing Contracts for, Contract # E-RFP Number: 20230089 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. dba Universal Engineering Sciences (UES)

Name of Firm

By: [Signature]  
President

The foregoing instrument was acknowledged before me by Travis Merrick who has produced \_\_\_\_\_ as identification or is personally known to me.

WITNESS my hand and official seal in the State of County last aforesaid this 19th day of September, 2023  
(SEAL)

Signature

Lina Sifuentes  
Notary Name (typed or printed)

Inside Sales  
Title or Rank







[teamues.com](http://teamues.com)