



CONTINUING SERVICES FOR

Professional Design Engineering

Solicitation Process in Accordance with F.S. 287.055
Competitive Consultants' Negotiations Act (CCNA)



PREPARED FOR

The City of Port St. Lucie
121 SW Port St. Lucie Blvd.
Port St. Lucie, FL 34984
Procuring Agent: India Barr -
Procurement Contracting Officer I
ibarr@cityofpsl.com

Due September 29, 2023



E-RFP INFORMATION	
NUMBER	20230087
DATE	September 29, 2023
SUBJECT	Professional Design Engineering Continuing Services
PROPOSER INFORMATION	
NAME OF RESPONDENT	Engenuity Group, Inc.
ADDRESS	1280 North Congress Ave, Suite # 101 West Palm Beach, FL 33409
TELEPHONE	(561) 655-1151

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TAB 1

FIRM QUALIFICATIONS



September 29, 2023

India Barr - Procurement Contracting Officer I
City of Port St. Lucie
121 S.W. Port St. Lucie Blvd.
Port St. Lucie, FL 34984

Re: E-RFP # 20230087: Professional Design Engineering Continuing Services

Dear Members of the Selection Committee:

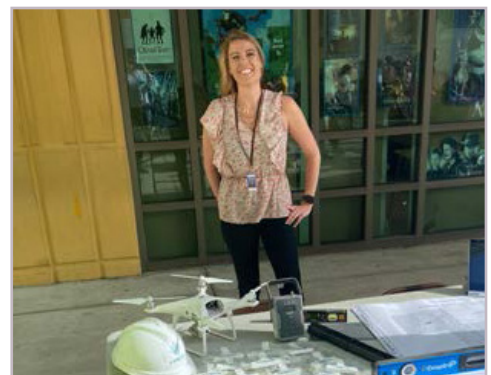
Engenuity Group, Inc. (Engenuity) is pleased to present to the **City of Port St. Lucie** our team's qualifications to provide **Design Engineering Services** as set forth in the Request for Proposals (RFP).

For 45 years, Engenuity has been providing professional Civil Engineering and Land Surveying & Mapping Services in South Florida. We have made a conscious decision to specialize in being the consultant of choice for public agencies. This niche comprises over 70 percent of our firm's business. During our tenure as a consultant to our government clients, we have completed numerous projects of similar scope. Engenuity Group is a **small and minority certified** that prides itself on personal client contact. Our employees are dedicated and committed to being the best Engineering and Surveying firm in the area. The majority of our clients have been with us for many years. Our unique customer service has resulted in numerous repeat clients.

We are pleased to provide you with quality production, personalized customer service, and efficient delivery. Engenuity's reputation is a testament to our success in these efforts. We have thoroughly reviewed and are familiar with the City's Scope of Services and envision our partnership to be a great asset to the City in achieving its goals.

Per the scope of work, we are prepared to deliver quality engineering design services including intersection improvements, drainage and stormwater improvements, driveway and culvert replacement, roadway and sidewalk design, utility relocations, as well as all applicable permitting, bidding and construction phase services support. We can also assist in house with any surveying work including Topographic & Boundary Surveys. We can assist the City with public outreach as well as geotechnical and electrical engineering and landscape architecture. While we do not have those services in house, we have worked with many local consultants that specialize in that work and will be happy to bring them on board as necessary to create the best team for the City. We have the ability to work with any teammates the City prefers.

All of our engineering construction documents and surveys are created in the latest version of AutoCAD and will adhere to FDOT's Plan Preparation Manual. We have worked on many projects that coordinate with FDOT and are familiar with the Design Standard Roadside Design Guide, and the Manual of Uniform Minimum Standards for Design, Construction, and Maintenance of Standard Streets (Florida Green Book). We have also worked with many municipalities on grant funded projects and have worked on projects requiring LAP coordination and other federal and state requirements.



Through four decades of public sector work experience, we have developed clear communication channels, budgetary conscious, timely and precise production methods that we offer to the **City of Port St. Lucie** community.

Engenuity Group, Inc. currently serves many entities similar to the **City of Port St. Lucie** as one of their engineers and surveyors and mappers on continuing contract and would be honored to be selected by the City to continue doing performing similar work for its residents. We have successfully completed many similar projects through these contracts in the past which are exhibited later on in this proposal.

We believe we are the best qualified Team to perform these services for a number of reasons. As you will see throughout this proposal we have highly experienced professional staff with over one hundred years in combined experience in civil engineering land surveying and mapping. Engenuity Group features more than 30 dedicated individuals which include:

4 Professional Engineers, 4 E.I.'s (soon to be taking their professional licensure tests), 5 Professional Surveyor & Mappers, 4 Full-Time Survey Crews, and other individuals comprising of technical and drafting staff, administration, and accounting. The work will be performed at our office located at **1280 North Congress Avenue, Suite 101, West Palm Beach, FL 33409; Phone: (561) 655-1151**. All authorized representatives can be found at the address and telephone number. We have been in business in South Florida for 45 Years since 1978.

Our Partners include:

C. Andre Rayman, P.S.M., President, arayman@engenuitygroup.com,
Keith B. Jackson, P.E., Vice President, kjackson@engenuitygroup.com
Lisa Tropepe, P.E., Vice President, ltropepe@engenuitygroup.com; and
Adam Swaney, P.E., Director of Engineering (VP), aswaney@engenuitygroup.com; Mobile: (561) 313-6138

Engenuity Group designates primary project/client services managers for each of our continuing services clients. **Adam C. Swaney, P.E.** will be your Civil Engineering main contact for this contract. Mr. Swaney has 18 years of experience and works with many of our municipal clients.

On behalf of the Engenuity team, we thank you for your consideration, and hope that we have conveyed our sincerity and commitment to provide the above detailed professional services to the City of Port St. Lucie on a tight timeline and on budget.

Sincerely,
Engenuity Group, Inc.



Adam C. Swaney, P.E.
Vice President



YOUR PROJECT CONTACT

Adam Swaney, P.E.
Vice President

E: aswaney@engenuitygroup.com
P: (561) 313-6138

FIRM PROFILE

**THE BEST
QUALIFIED TEAM
FOR THE CITY OF
PORT ST. LUCIE**

Engenuity Group, Inc. was founded in 1978 to provide professional civil engineering services to the South Florida community. These services included design of paving, grading, drainage, wastewater collection, and water distribution systems, along with permitting, construction observation, and construction administration. Professional surveying services were added in 1984 and GIS Services in 1998.

In 2008 the firm was reorganized. This reorganization allowed us to be designated as a Disadvantage Business Enterprise (DBE), Minority Business Enterprise (MBE), Small Business Enterprise (SBE), and Certified/Small Business Enterprise (CBE) in Broward County.

Engenuity Group offers a full range of services in Civil Engineering, Surveying, GIS Mapping, and Construction Contract Administration. For 40 years we have been providing professional service to our clients and are dedicated to the development and economic prosperity of the local community, whether they are in the private sector or public sector, whether they are urban land developers or agricultural enterprises.

The firm consists of four owners, C. Andre Rayman, P.S.M., Keith B. Jackson, P.E., Lisa A. Tropepe, P.E., Adam C. Swaney, P.E., and approximately 31 employees. C. Andre Rayman, P.S.M., joined the firm in 1988 and serves as the company’s President. Keith B. Jackson, P.E. joined the firm in 1991 and serves as Vice President and Secretary. Lisa A. Tropepe, P.E., joined the firm in 1993 and also serves as Vice President and Treasurer. Adam C. Swaney, P.E. joined the firm in 2013 and became a partner in early 2017.

Engenuity Group project managers are an innovative, resourceful and creative team who possess a sense of urgency and ownership that they bring to each and every project. Our principals and project managers have extensive experience in developing cost effective designs and solving challenging permitting problems. Our use of state of the art electronics in surveying and computer aided design and drafting assures our clients of accurate surveying work and rapid turnaround times.

Some of our areas of expertise include GIS data collection and creation, NPDES reporting, expert witness, condemnation, grant applications, stormwater analysis, drainage, wastewater collection and transmission, water distribution, roadways, permitting, construction observation, bidding, construction contract administration, boundary, topographic survey and hydrographic surveys, construction



An innovative, resourceful and creative team

staking, legal descriptions, plat review and preparation, as-built record surveys, mean high water line survey, special purpose survey, and quantity survey.

Engenuity Group is a small business that prides itself on personal client contact. Our employees are dedicated and committed to be the best engineering, surveying and GIS firm in the area. Many of our clients are public agencies who have been with us for many years. Our unique customer service has resulted in numerous repeat clients.

Because most of our clients are public agencies, we are familiar with the interaction required to communicate information. We understand that all

direction comes from staff. All proposals are in writing. Telephone calls are documented with memos and meetings are documented with minutes. We are used to meeting with and presenting to council members to explain issues that are to be discussed at council meetings. Project milestones and completion dates are established before our services begin and the dates are met.

PAST PERFORMANCE RECORD

Engenuity Group is serious about meeting time and budget requirements. To meet time requirements, we establish a due date in writing, establish intermediate milestone dates, and we meet these dates.

To meet budget requirements, we establish at the proposal stage the hours assigned for each unique task. We have software to assist us in monitoring the relationship of the work to the budget.

Our performance record speaks for itself, as our clients will attest. We encourage you to contact our references or any one of other clients to see what they have to say about our performance record.

Our annual volume of work over the last 5 years averages out to be between \$3 to \$3.5 million which allows us to operate as a small business while having a team with enough resources to deliver quality deliverables to the City.

Engenuity Group, Inc. is currently performing Civil Engineering Services on continuing contract for the following entities:

- | | |
|-------------------------------|------------------------------|
| Town of Jupiter Island | Broward Health District |
| Town of Lake Clarke Shores | Town of Manalapan |
| Town of Ocean Ridge | Village of North Palm Beach |
| Village of Palm Springs | Village of Wellington |
| South Florida Fairgrounds | Florida Atlantic University |
| City of Delray Beach | City of Oakland Park |
| PB Atlantic University | City of Riviera Beach |
| South Martin Regional Utility | Town of Lake Park |
| Town of Mangonia Park | Solid Waste Authority of PBC |
| Town of Palm Beach Shores | Westgate CRA |
| Town of Loxahatchee Groves | |

We have also performed services for various projects at some time or another for virtually every single municipality in Palm Beach County as either a prime or a sub-consultant as well as the County itself and many communities in Broward County.





ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)
Professional Design Engineering Consulting Services
 (Port St. Lucie, FL)

2. PUBLIC NOTICE DATE
September 29, 2023

3. SOLICITATION OR PROJECT NUMBER
E-RFP # 20230087

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE
Adam C. Swaney, P.E., Vice President

5. NAME OF FIRM
Engenuity Group, Inc.

6. TELEPHONE NUMBER
 (561) 655-1151

7. FAX NUMBER
 (561) 832-9390

8. E-MAIL ADDRESS
aswaney@engenuitygroup.com

C. PROPOSED TEAM

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

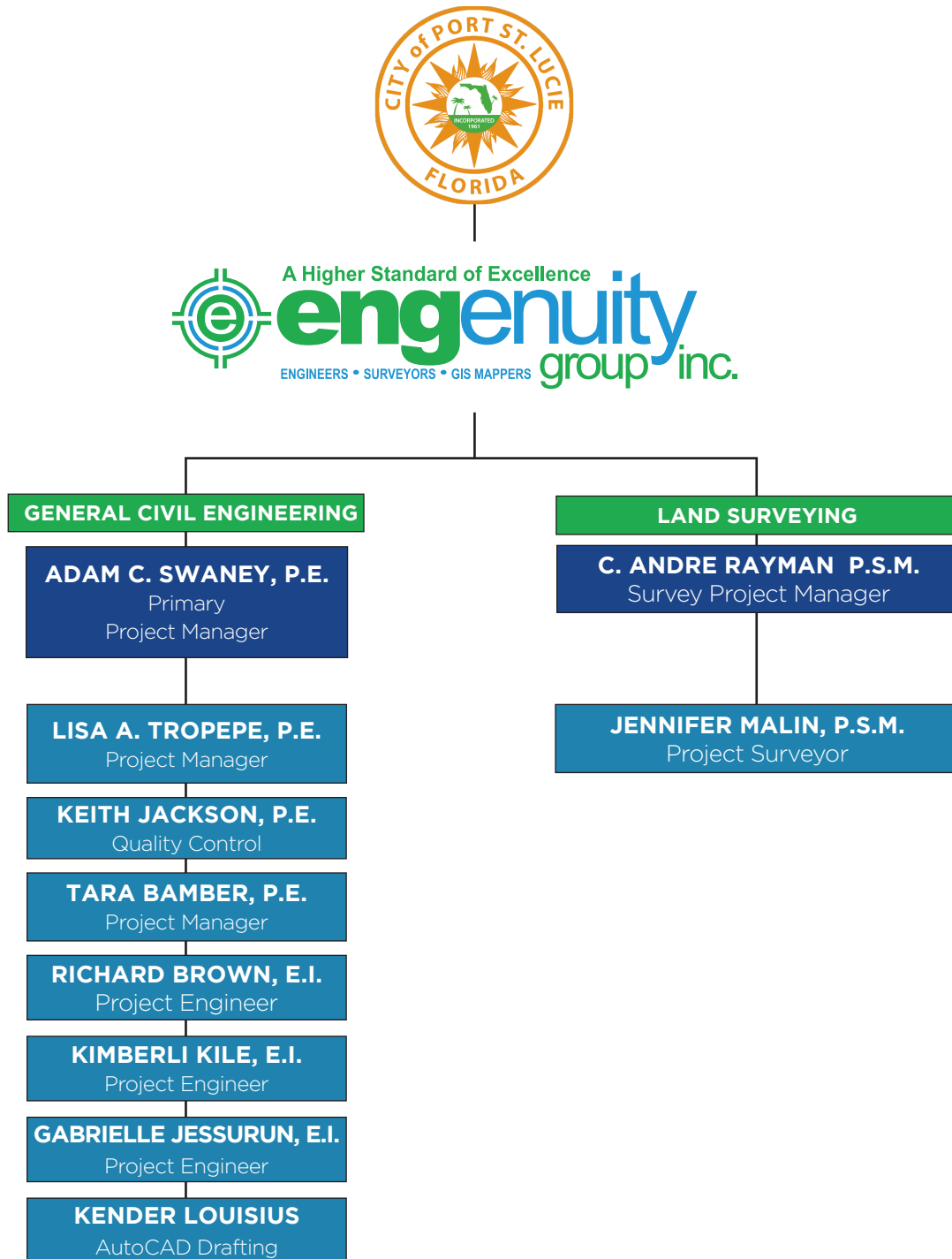
	(Check)					9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V	PARTNER	SUBCONTRACTOR	IN TRACT OR			
a.	X					Engenuity Group, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	1280 North Congress Avenue Suite 101 West Palm Beach, FL 33409	Civil Engineering & Land Surveying Services
b.						<input type="checkbox"/> CHECK IF BRANCH OFFICE		
c.						<input type="checkbox"/> CHECK IF BRANCH OFFICE		
d.						<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.						<input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)



ORGANIZATIONAL CHART





E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Adam C. Swaney, P.E.		13. ROLE IN THIS CONTRACT Primary Project Manager		14. YEARS EXPERIENCE	
				a. TOTAL 18	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION (City and State) Engenuity Group, Inc. (West Palm Beach, Florida)					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida / Civil Engineering		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) LEED Accredited Professional, FL, 2009. Young Engineer of the Year, American Society of Civil Engineers, Palm Beach Branch, 2008. ASCE Younger Member Coordinator, Palm Beach Branch, 2006-2008.					

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	PGA Village Property Owners Association-Consulting (Port Saint Lucie, FL)	2014	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Engenuity Group, with Mr. Swaney as Project Manager, rendered professional engineering services to this community located in Port Saint Lucie. This project involved the Research, Review and Analysis of Record Drawings for Paving, Grading and Drainage in regards to the Development's Water Management System, the Review of Construction Documents and previously prepared Reports.		
b.	Paradise Park Phase V (St Lucie County, FL)	2012	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
	The Project is generally described as a neighborhood improvements project for storm drainage and street improvements of 47 acres of single family homes. Project elements included a drainage study to model and analyze several scenarios and the design and permitting of the selected scenario.		
c.	Martin County Fire Rescue Public Safety Training Facility (Martin County, Florida)	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Mr. Swaney was the Project Manager on this new Martin County Fire Rescue Training Facility located in Whitham Field. Civil engineering services included Schematic design (site plan assistance, utility coordination, drainage investigation), Design Development, Construction Documents, Permitting, Construction administration & certification.		
d.	Tequesta Constitution Park Community Center (Tequesta, FL)	2022	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		



Mr. Swaney was the Project Manager providing Civil Engineering Services for the Tequesta Constitution Park Community Center Project. The Community Center will be a new addition to the existing pavilions, playgrounds, and skate park. The Community Center will be approximately 13,500 GSF. Inside the building will consist of: Lobby, Waiting Area, Fitness Room, Multi-Purpose Space, Activity Room, Game Room, Offices, Break/Copy Room, Restrooms, Storage and Mechanical/Electrical Room. Services included Schematic Design related to site plan assistance, design development, construction documents, permitting assistance, construction administration and final certifications for redesign of the basketball court and modifications & upgrades to existing park pathways.

<p>(1) TITLE AND LOCATION (City and State) Earman River Intake Pump (North Palm Beach, FL)</p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if applicable)</td> </tr> <tr> <td>2017</td> <td>2018</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	2017	2018
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)					
2017	2018					
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>e. The Village of North Palm Beach and Engenuity Group, Inc. worked together to demolish the existing lift station and the design of a new dual- pump station that included a new structured cover and faster pumps. Adam prepared civil drawings indicating drainage, grading, and pump station work, pollution prevention plan, and applications affiliated with Village of North Palm Beach Drainage and South Florida Water Management District.</p>						
<p>(1) TITLE AND LOCATION (City and State) Citrus Grove Community Park (Martin County, FL)</p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if applicable)</td> </tr> <tr> <td>2017</td> <td>2017</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	2017	2017
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)					
2017	2017					
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>f. Engenuity Group, Cuozzo Design Group, and its team of consultants were selected by Martin County to plan, design, and submit for permit approval a 26 acre park located on SW Citrus Boulevard in Palm City, Florida. Park amenities include 4 baseball fields, a 1,300 square foot concessions building, and a 1,500 square foot maintenance building. Engenuity Group designed the site civil work which included ballfield backstops, drainage, dugouts, grading, paving, wastewater collection, and water distribution.</p>						
<p>(1) TITLE AND LOCATION (City and State) Southshore Boulevard (Wellington, FL)</p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if applicable)</td> </tr> <tr> <td>2017</td> <td>2018</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	2017	2018
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)					
2017	2018					
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>g. This roadway serves as the gateway entrance to the Equestrian Communities in southern Wellington. This Project design involved the widening and re-grading of approximately 1 mile of Southshore Boulevard from 50th Street to Lake Worth Road. Engenuity Group, Inc. performed the survey as well as the civil engineering design of the project. The design plans included paving, drainage, grading, plan, profile, typical sections, cross sections, signing, marking, and intersection improvements at the Lake Worth Road and Southshore Blvd. intersection. This section of Southshore Blvd. was in need of rehabilitation due to the settlement and cracking of the asphalt, which was likely caused by the proximity of an existing ditch running along the roadway.</p>						
<p>(1) TITLE AND LOCATION (City and State) Ocean Ridge Cul de Sacs Paving and Drainage (Ocean Ridge, FL)</p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if applicable)</td> </tr> <tr> <td>2018</td> <td>2019</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	2018	2019
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)					
2018	2019					
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>h. The Town of Ocean Ridge planned to improve paving and drainage of Cul de Sacs at Inlet Cay, Eleuthera, and Bimini Cove Drive. Mr. Swaney was Project Manager through the Design and Bidding Phase. The Design Phase involved the preparation of Drawings and Specifications for Paving and Draining, the preparation of Cost Estimate and Project Manual. The bidding Phase enveloped the entire process of Bidding.</p>						



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Lisa A. Tropepe, P.E.	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 38	b. WITH CURRENT FIRM 29

15. FIRM NAME AND LOCATION (City and State)
Engenuity Group, Inc. (West Palm Beach, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION) B.S., Civil Engineering B.S., Architectural Engineering	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Florida, Civil Engineering, P.E. #45408
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
 Vice Mayor, Town of Palm Beach Shores (2008 – 2009 & 2011-2012)
 Commissioner, Town of Palm Beach Shores (2003- Present)
 Commissioner, Environmental Regulation Commission for the Florida Department of Environmental Protection – Appointed by Governor Jeb Bush (1999-2003)
 Commissioner, State of Florida Commission on the Status of Women – Appointed by Secretary of State Sandra Mortham (1995-1999)
 Member of Board of Directors – Palm Beach County League of Cities (2005-Present) Associate Member (1999-Present)
 Chair of the Home Rule Committee (2005 – Present)
 President (2011-2012)
 Member of the Civil Engineering Department Advisory Council for Florida Atlantic University (2002-2004)
 Received 2005 Technical Achievement Award from Palm Beach Chapter of the Florida Engineering Society
 Received 2007 Defender of Home Rule Award, Palm Beach County League of Cities

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Village of Palm Springs- Village Engineer (Palm Springs, Florida)	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Serves as Client Services Manager of Engenuity Group to the Village of Palm Springs and acts as a civil engineering consultant to Village Staff. Lisa frequently reviews engineering plans and plats submitted by private applicants to the Village for approval to build or alter various structures. Lisa also directs Engenuity Group Staff in the design of various Village projects. Projects include sewer system design in Griffin Square and on the Babbsco property, design of Foxtail Palms Park, and Cypress Lane Stormwater & Watermain Replacement.		
Town of Jupiter Island – North Beach Rd. Drainage (Jupiter Island, Florida)	2022	2022
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. As the Engineer of Record, Ms. Tropepe prepared plans for the first phase of drainage and the second phase of roadway construction. EGI utilized pavement corings to determine ultimate pavement design needs, (by others). For the drainage improvements. Lisa proposed a linear trench drain system above ground with exfiltration trench improvements below ground. Under Ms. Tropepe’s direction, EGI prepared a Paving, Grading and Drainage plan and prepared an opinion of probable cost. The drainage improvements were publically bid and EGI, under Ms. Tropepe’s leadership, was responsible with the Construction Administration of the Project. This included on-site observations, review/evaluate pay applications and record drawings and ultimately certifying completion. This project’s scope including drainage improvements for over 8,800 linear feet of roadway.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Keith B. Jackson, P.E.	13. ROLE IN THIS CONTRACT Quality Control	14. YEARS EXPERIENCE	
		a. TOTAL 44	b. WITH CURRENT FIRM 32

15. FIRM NAME AND LOCATION (City and State)
Engenuity Group, Inc. (West Palm Beach, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION) **Bachelor of Science / Civil Engineering** 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) **Florida / Civil Engineering**

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
- American Society of Civil Engineers
 - Florida Engineering Society
 - State Director, Palm Beach County Chapter (1998-2001)
 - Past President of the Palm Beach Chapter (1987-1988)
 - Young Engineer of the Year Award (1990-1991)
 - Engineer of the Year Award (2001-2002)

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Village Engineer for Wellington (Wellington, Florida)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

a. Through our continuing services agreement for engineering and surveying services engineering assignments have included oversight and management of various projects including village-wide handicap access ramp replacement; Big Blue Preserve hydrologic analysis and permitting; 50th St. roundabout design; South Shore Blvd. roadway design; Medical Arts building grant assistance; roadway overlays & asphalt task force; C-23 Canal bridge path plans; Village Park fields 13-16 drainage plan; pedestrian & bike path grant assistance; C-8 canal culvert replacement.

(1) TITLE AND LOCATION (City and State) Village Engineer for North Palm Beach (North Palm Beach, Florida)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A

b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

As Village Engineer on a continuing contractual basis for engineering and surveying services since 1992 Keith has worked on many projects. Assignments have included sidewalk design and construction administrative services for the SW Neighborhood area; overall engineering management of Anchorage Park improvements; lighthouse and Monet Rd. structural repair oversight and management; Yacht Club Drive bulkhead repairs oversight and management; Country Club clubhouse plan review and general observation of construction; numerous plan permit reviews; Golf Course restoration and permitting; Earman River irrigation pump station replacement; Lakeside Park erosion permitting; GIS mapping of drainage facilities; Veterans Memorial Park plan; Pepperwood Circle drainage plans.

(1) TITLE AND LOCATION (City and State) Westgate Community Redevelopment Agency (Palm Beach County, Florida)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A

c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Continuing contract awarded in 2014 for civil engineering and surveying with the CRA bordered by Belvedere Road, Florida Mango Road, Okeechobee Blvd. and Military Trail. Assignments have included preparation and review of all surveys and plats; Oswego Park design, permitting and construction administration; topographic survey and drainage study for Belvedere Heights neighborhood; Green Market drainage & water concurrency statements; and attendance at all monthly board meetings.





E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Tara Bamber, P.E.	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 17	b. WITH CURRENT FIRM 6

15. FIRM NAME AND LOCATION (City and State)
Engenuity Group, Inc. (West Palm Beach, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION)
B.S., Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Florida/ Civil Engineering

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Florida Stormwater Association Member
Member, Florida Engineering Society
Member, National Society of Professional Engineers
Member, American Society of Civil Engineers

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) PGA Village (Port Saint Lucie, Florida)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

a. Mrs. Bamber was the Project Engineer assisting in the evaluation of reports by Four Jays and Rod Kennedy to determine merits of design and construction deficiencies, code violations and plan deviations. Responsibilities also included assisting the association in determining the cost to correct deficiencies.

(1) TITLE AND LOCATION (City and State) Point Manalapan Drainage (Manalapan, Florida)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2017

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

b. Mrs. Bamber was responsible for accounting drainage structures and outfalls, researching the dedication of improvements to determine responsible maintenance entities, listing the corrective measures to address flooding issues, evaluate future maintenance or repair needs, and provide an opinion of costs.

(1) TITLE AND LOCATION (City and State) Stormwater Master Plan (Riviera Beach, Florida)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION (If applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

c. Prepared a Stormwater Master Plan for the City of Riviera Beach, which included data collection, extensive modeling of City's current stormwater facilities, public involvement and education, a financial plan, and preparing an overall Stormwater Master Plan Report. Responsibilities included attending data collection, bimonthly meetings and preparing meeting minutes, updating the City's Stormwater Master Plan website, and assisting in preparing the report.

(1) TITLE AND LOCATION (City and State) City of Greenacres (Greenacres, Florida)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

d. Engenuity has performed various consulting engineering services for the City of Greenacres since being awarded a consulting engineering contract by the City in 2004. These services have included plan review, design assistance, and opinions of construction cost.





E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Richard Brown, E.I.	13. ROLE IN THIS CONTRACT Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION (City and State)
Engenuity Group, Inc. (West Palm Beach, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil & Architectural Engineering, 2008, University of Miami	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida / Civil Engineering (E.I. # 1100009209)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
PSMJ Project Management Boot Camp Certificate of Completion

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Frost Lake Outfall Improvements (Palm Springs, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2020

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

a. This drainage outfall connection for Frost Lake in Palm Springs required replacement in order to restore the historical drainage flow. Mr. Brown served as Project Engineer involved in the engineering design, permitting and observations for the construction of the new outfall culvert.

(1) TITLE AND LOCATION (City and State) Cypress Lane Stormwater Improvements (Palm Springs, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2020

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

b. In order to improve drainage around the Town Hall and Police Department Building improvements were planned by the Village and designed by Engenuity Group, with Mr. Brown as Project Engineer. In 2018 Mr. Brown provided design, permitting and construction phase services to replace the watermain. He then designed the installation of stormwater catch basins and piping along the east and west sides of Cypress Lane, to connect to the existing stormwater infrastructure on the east side of Davis Road.

(1) TITLE AND LOCATION (City and State) West Palm Beach Historic Heart and Soul Park (West Palm Beach, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2020

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

c. The proposed park is in the design phase, to be installed between Rosemary Avenue, Henrietta Avenue, 7th Street and 8th Street, on an approximately 1.0 acre tract of land. This active park will feature hardscape elements, landscaping & irrigation, potable water and illumination. The original design is modified to adjust for changes in parking design and make sidewalk improvements. Mr. Brown is the Project Engineer providing site plan assistance, and executing the design, permitting and construction phases.

(1) TITLE AND LOCATION (City and State) Lago Palma Drainage Culvert Replacement (Lake Worth Beach, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) 2019

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

d. Engenuity Group's Survey Department prepared the topographic survey for this project that consists of the replacement of a drainage culvert that outfalls into the LWDD E-3 Canal, in this community. Mr. Brown prepared drawings and specifications on plans, prepared a Pollution Prevention Plan, and provided the technical criteria, description and design data for permit applications to LWDD.





E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Kimberli Kile, E.I.	13. ROLE IN THIS CONTRACT Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 5	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) Engenuity Group, Inc. (West Palm Beach, Florida)			
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S., Environmental Engineering, FAU 2019 B.S., Mathematics, FAU 2017		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) American Water Works Association (AWWA) American Society of Civil Engineers (ASCE)	
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.	Driver's License Office (Palm Beach Gardens, Florida)	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer in design, permitting and bidding phases of the development of this new community park. Coordinating with Village Manager and park director, along with the PB County Engineering Department.		
b.	Calusa Elementary School Renovations (Boca Raton, Florida)	2022	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This school in Boca Raton is undergoing repairs and renovations that Engenuity Group's team of civil engineers help facilitate by rendering the following services: preliminary design, design and construction drawings, permitting and construction administration. Ms. Kile is a project engineer assisting the project manager in evaluating ADA accessibility, investigating paving and striping requirements, preparing plans for civil site construction, preparing opinion of probable cost, providing technical criteria for permit applications, construction observation, reviewing drawings and samples and see construction through to provide Final Notice of Acceptability.		
c.	Acreage Pines Elementary School Renovations (Loxahatchee, Florida)	2020	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Complete civil engineering services as a Project Manager from the preliminary engineering phase to design, permitting, construction administration and additional special design/coordination for fire system to connect to public line. ADA compliance for flat work such as curb ramps, accessible parking, sidewalks and loading zones. Meet and coordinate with owner, consultants and contractor.		
d.	Pine Tree Lane Bridge Replacement (Lake Clarke Shores, Florida)	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Assisted in the pre-design phase, preparing construction documents and coordinating with team consultants (structural engineer) to analyze construction phasing, allowing one lane to be open during construction. Preparing engineering analysis and report with exhibits. Reviewing bridge inspection report by FDOT and preparing an engineer's opinion of cost for the bridge replacement, including structural components, maintenance of traffic, construction phasing, and roadway approaches, utility coordination and parking options for Park visitors.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Gabrielle Jessurun, E.I.		13. ROLE IN THIS CONTRACT Project Engineer		14. YEARS EXPERIENCE	
				a. TOTAL 4	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION (City and State) Engenuity Group, Inc. (West Palm Beach, Florida)					
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S., Environmental Engineering, UF 2019			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Engineering Intern License # 1100023677, FL		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) AutoCAD 2019 Essential Training					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Cottage Homes Affordable Housing Project (West Palm Beach, Florida)	Ongoing	Ongoing
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engenuity Group has been working with the West Palm Beach Housing Authority on the Cottage Homes Project- an affordable housing community in Palm Beach County. Ms. Jessurun has been instrumental in these tasks assisting with Schematic Design, Design Development, Construction Documents and Permitting.		
Homeless Resource Center #2 (Palm Beach County, Florida)	Ongoing	Ongoing
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ms. Jessurun is a Project Engineer on this Palm Beach County Capital Improvements project and has assisted with the permitting process for SFWMD (South Florida Water Management District), Lake Worth Drainage District, Palm Beach County Engineering Dept., Palm Beach County Water Utilities Department, Palm Beach County Health Department, Palm Beach Fire Rescue and the NPDES application (NOI). She has also provided design services on the paving, grading, drainage, water, and sewer construction documents.		
Lake Clark Shores Community Park (Lake Clarke Shores, Florida)	2021	N/A
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ms. Jessurun is a Project Engineer on this renovations project and developed an exhibit proposing new courts during the preliminary phase of the project.		
Christa McAuliffe Middle School (Boynton Beach, Florida)	2022	2022
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ms. Jessurun was a Project Engineer on this School District project and drafted the Scope Validation Report, which included a site walkthrough and an evaluation of an ADA compliance report. Prepared the schematic design.		
Banyan Creek Elementary School (Delray Beach, Florida)	2022	2022
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ms. Jessurun was a Project Engineer on this School District project Drafted the Scope Validation Report, designed paving and grading plans and assisted with permitting.		





E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Kender Louisius	13. ROLE IN THIS CONTRACT AutoCAD Drafter	14. YEARS EXPERIENCE	
		a. TOTAL 9	b. WITH CURRENT FIRM 7

15. FIRM NAME AND LOCATION (City and State)
Engenuity Group, Inc. (West Palm Beach, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION)
B.S., Civil Engineering & Geomatics

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

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

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) SR 80 – Lowe’s Road (Royal Palm Beach, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2020

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

a. The bridge that runs over the C-51 Canal also known as “Village Royale Bridge,” is being constructed into a 7 lane bridge due to the expected increase in traffic flow that the new housing development which is also being built will attract. Mr. Louisius served as Project Engineer on the project preparing drainage, grading and paving drawings. The bridge that runs over the C-51 Canal also known as “Village Royale Bridge,” is being constructed into a 7 lane bridge due to the expected increase in traffic flow that the new housing development which is also being built will attract. Mr. Louisius served as Project Engineer on the project preparing drainage, grading and paving drawings and FDOT permitting.

(1) TITLE AND LOCATION (City and State) Chuck Shaw Technical Education Center (West Palm Beach, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2020

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

b. The Palm Beach County School Board recently renovated their Adult Education Building on Westgate Ave. Kender was the Project Engineer on the project implementing his knowledge on preparing drawings which indicate the scope of the drainage, grading, paving, wastewater and water work drawings which includes design of parking areas, sidewalks, and bus loops.

(1) TITLE AND LOCATION (City and State) Lakewood Rd Sidewalks (Palm Springs, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2020

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

c. To improve pedestrian mobility, provide accessibility to local parks, and enhance neighborhood lifestyles, the Village of Palm Springs allocated funds to expand the sidewalk infrastructure to four feet wide on the portion of Lakewood Road. The project began at Edwards Road and spanned 2,400 linear feet East to Davis Road. The sidewalk improvements were designed with special considerations to ADA and Village standards and regulations. Mr. Girard created preliminary and final design plans and documents, obtained necessary permits, provided bidding assistance, and led construction administration efforts.

(1) TITLE AND LOCATION (City and State) C-Road Canal Culvert (Loxahatchee Groves, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) 2018

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

d. Kender's responsibilities included design, permitting and construction administration providing professional civil engineering services in connection with the replacement of a drainage culvert on C-Road Canal located north of Okeechobee Blvd. in Loxahatchee.





E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME C. Andre Rayman, P.S.M.	13. ROLE IN THIS CONTRACT Survey Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 35	b. WITH CURRENT FIRM 35

15. FIRM NAME AND LOCATION (City and State)
Engenuity Group, Inc. (West Palm Beach, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION) B.S., Surveying & Mapping	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida / Surveying and Mapping
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Organizations
 Florida Surveying and Mapping Society
 Florida Association of Cadastral Mappers
 American Congress on Surveying & Mapping
 Forest Hill High School Engineering Academy Adviser
 FES Mentor Program at Florida Atlantic University

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Village of North Palm Beach Continuing Services (North Palm Beach, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

a.

- Topographic Survey for Bulkhead Design/Retrofit
- Golf Course Boundary Definition for new Golf Course Layout
- Plat review
- Basemap and Sketch/Description for Carolinda Drive
- Topographic & Boundary Survey for Anchorage Park
- Drainage System Mapping
- Boundary & Topographic Survey of Golf Course Clubhouse
- Lighthouse Drive Topographic Survey

(1) TITLE AND LOCATION (City and State) City of West Palm Beach Continuing Services (West Palm Beach, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

b.

- Topographic Survey for Palm Beach Lakes Boulevard
- Topographic Survey Olive Avenue from Quadrille St to 6th St
- Boundary, Topographic and Hydrographic Survey of Flagler Drive
- Bathymetric Survey for Environmental Analyses for Waterfront Facilities
- Specific Purpose Survey of Spruce Avenue from 25th Street to 40th Street
- Rilyn and Russlyn Road Improvements Topographic Survey
- Topographic Survey for Dock Street Force Main Replacement
- Topographic Survey of Parker Ave by Belvedere Rd (580 feet)
- Topographic Survey of Rosemary Ave from Clematis St to 11 St
- Streets near Parker Ave (Georgia Ave., Flamingo Dr., Ardmore Rd.) Topographic Surveys
- El Monte neighborhood Topographic Survey
- WPB Golf Course Boundary Survey
- Howard Park Community Center Topographic Survey
- Flagler Dr. intersections Topographic Surveys (Suma St., Forest Hill Blvd., Cortez Rd., Palmetto Ln., Bunker Ranch Rd., E. Lakewood rd., Worth Court N.)

c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
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City of Riviera Beach Continuing Services
(City of Riviera Beach)

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Check if project performed with current firm

- Right-of-way maps and parcel maps for Riviera Beach, 13th Street, 11th Street and Avenue "C". (Port of Palm Beach)
- Boundary survey of City Hall
- Sketch and descriptions for access easements for Utility Plant
- Topographic Survey of West 36th Street
- Boundary Survey at 1101 W. 13th Street
- Topographic Survey of 13th Street (Dixie Highway to Avenue P)
- Topographic Survey of Blue Heron Blvd/Avenue P intersection
- Topographic Survey of proposed Public Works complex
- Riviera Beach Storm water data collection for GIS
- Topographic Survey of Avenue T and RC-5 Canal
- Topographic Survey of Avenue S and 23rd Street
- Topographic Survey of utility plant for design
- Inner City Golf Youth Museum – Boundary, Topographic and Tree Survey
- Topographic Survey of Ave S and 23rd St.
- Topographic Survey of W 37th St. from Ave F to Broadway
- Topographic Survey of W 37th St. from Ave H to F and Ave F from W 37th St. to W 34th St.
- Topographic Survey of W 35th St. from Ave J to H and Park Manor
- Topographic Survey of E. Industrial Way & Center Industrial Way
- Topographic Survey of W 36th & 37th St. from Ave J to H
- Boundary Survey of Timber Pine Park
- Ave J ROW abandonment replat & legals
- Boundary, Topographic and Tree Survey of 2129 North Congress

(1) TITLE AND LOCATION (City and State)

Village of Wellington Continuing Services
(Village of Wellington, FL)

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Check if project performed with current firm

d.

- Topographic and Boundary Survey of Rushy Marsh Farm
- Topographic Survey of Village Park Field 21
- 11143 Acme Road driveway connection topographic survey
- Water Treatment Plant Boundary & Topographic Survey
- WWTP Construction Survey
- Tiger Shark Cove basketball courts Topographic Survey
- South Shore Blvd Force Main Replacement Phase 1 Topographic Survey
- Waste Water II Topographic Survey
- Village Fields 6 & 7 Topographic Survey
- Folkstone Circle from Carlton St. to Yarmouth Ct. Topographic Survey
- Tiger Shark Cove basketball courts Topographic Survey
- Town Center Boardwalk Topographic Survey

(1) TITLE AND LOCATION (City and State)

Village of Palm Springs Continuing Services
(Palm Springs, Florida)

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

Check if project performed with current firm

e.

- Topographic Survey for New Sidewalk on Lakewood Road
- Boundary & Topographic Survey for Fitness Pavilion
- Topographic Survey for 4 Lift Stations included in 2018 Improvements Package
- Topographic Survey for Cypress Lane Stormwater Improvements
- Sketch & Descriptions for Lakewood & Coconut Roads
- Palm Springs CRA boundary surveys
- Sabal Palm Parks Restroom Addition Boundary, Topographic & Tree Surveys



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jennifer Malin, P.S.M.	13. ROLE IN THIS CONTRACT Project Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 19	b. WITH CURRENT FIRM 14

15. FIRM NAME AND LOCATION (City and State)
Engenuity Group, Inc. (West Palm Beach, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION) **B.S./ Land Surveying/Mapping** 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) **Florida/ Surveying & Mapping**

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Member of Florida Surveying & Mapping Society
Qualified Stormwater Management Inspector

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Town of Ocean Ridge Continuing Services (Ocean Ridge, Florida)	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Engenuity Group, Inc. has been the Town Engineer for the Town of Ocean Ridge, Florida since the year 2000 and still currently holds the contract there. We have done a truly incredible amount of projects for the Town over the past 15 years in Civil Engineering, Land Surveying, & GIS Mapping. Jennifer has done work for the Town in the following areas: <ul style="list-style-type: none"> NPDES Annual Reports Basemap for Town Usage Topographic Survey for Stormwater Design Coconut Lane Right-of-way and Alleyway Improvements Topographic & Boundary Survey for South Phase Improvements – Pump Station 		
b.	City of Palm Beach Gardens Continuing Services (Palm Beach Gardens, Florida)	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <ul style="list-style-type: none"> Topographic Survey of Allamanda Blvd Topographic Survey of Shady Lakes Drive Topographic and Tree Survey for Campus Drive 		
c.	Town of Palm Beach Continuing Services (Palm Beach, Florida)	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <ul style="list-style-type: none"> Worth Avenue Streetscape and Infrastructure Improvements Topographic Survey for design of water distribution piping replacement system 		
d.	City of Lake Worth Beach Continuing Services (Lake Worth Beach, Florida)	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <ul style="list-style-type: none"> Topographic Survey of various streets, District 1 New Fleet Maintenance Facility Boundary & Topographic Survey 		
e.	Westgate CRA Continuing Surveying Contract (West Palm Beach, Florida)	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <ul style="list-style-type: none"> Babbling Brook & Dennis P. Koehler Preserve Topographic Survey Seminole Boulevard & Oswego Avenue Boundary & Topographic Survey 		





F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 1
21. TITLE AND LOCATION (City and State) North Beach Rd. Drainage & Roadway Design <i>(Jupiter Island, FL)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2022	CONSTRUCTION (if applicable) 2022

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Town of Jupiter Island	b. POINT OF CONTACT NAME Stuart Trent, PE	c. POINT OF CONTACT TELEPHONE NUMBER (772) 545-0171

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

Engenuity Group (EGI) was contracted by the Town of Jupiter Island to provide Professional Engineering & Land Surveying services in connection with the North Beach Road project. This project is being completed in three phases; Phase 1 included survey, Phase 2 resolved drainage issues, and Phase 3 consisted of the new roadway design including full depth reclamation.

- Our survey services included:
- Locating sufficient horizontal control points to register the previously created map to the vertical data
 - Quality controlling the horizontal features and made updates
 - Collecting elevations at 50' stations and high/low points
 - Providing topography in the wooded conservation areas for future drainage design
 - Drone footage and photos



For Phase 2 of this project, Engenuity Group, Inc. provided a Drainage design for the North Beach Road which included water quality/quantity drainage systems in low lying locations to address trapped standing stormwater areas. An opinion of probable cost was included.

Phase 3 of this project consisted of the new roadway design. Engenuity Group, Inc. proposed a uniform 18 foot minimum road width and utilized geotechnical reports to determine ultimate pavement design needs. Roadway drainage and grading needed to be

addressed for storm water tended to be trapped in many areas along the road. Grading out high points and low points to alleviate "puddling" was evaluated. Harmonizing driveways to minimize homeowner impacts was also considered.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Engenuity Group, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Civil Engineering & Land Surveying





F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">2</p>
21. TITLE AND LOCATION (City and State) Martin County Fire Rescue Public Safety Training Facility <i>(Martin County, Florida)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Martin County	b. POINT OF CONTACT NAME Vlad Dumitrescu, AIA REG Architects, Inc.	c. POINT OF CONTACT TELEPHONE NUMBER (561) 659-2383
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

A new facility is being planned to be situated within the Martin County Airport site, being designed by REG Architects. Engenuity Group is providing civil engineering and land surveying services for this project in the following capacity:

- Prepare a topographic survey with all aboveground features and native trees 6" and larger within the area and underground utilities marked by a subconsultant.
- Obtain 2 cross sections
- Obtain elevations at a minimum of ten (10) foot spacing along each cross section and at major break points (shown in plan view)
- Obtain cross sections of the alternate road path at hundred (100) foot intervals with shots obtained every twenty five (25) feet along each cross section
- Civil engineering services for
 - Schematic design (site plan assistance, utility coordination, drainage investigation)
 - Design development
 - Construction documents
 - Permitting
 - Construction administration & certification



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Engenuity Group, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Civil Engineering & Land Surveying
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION (City and State) Tequesta Constitution Park Community Center <i>(Tequesta, FL)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable) 2022

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Village of Tequesta	b. POINT OF CONTACT NAME Christine Merrell, RA REG Architects, Inc.	(561) 659-2383 Ext 108
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Engenuity Group Inc. (EGI) provided a Boundary & Topographic Survey and Civil Engineering Services for the Tequesta Constitution Park Community Center Project. The Community Center will be a new addition to the existing pavilions, playgrounds, and skate park.

The Community Center will be approximately 13,500 GSF. Inside the building will consist of: Lobby, Waiting Area, Fitness Room, Multi-Purpose Space, Activity Room, Game Room, Offices, Break/Copy Room, Restrooms, Storage and Mechanical/Electrical Room.

The surveys provided by EGI were conducted on the entire site including pathways, structures, parking lots, and trees. After the completion of the survey EGI provided Civil Engineering services which included Schematic Design related to site plan assistance, design development, construction documents, permitting assistance, construction administration and final certifications for redesign of the basketball court and modifications & upgrades to existing park pathways.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Engenuity Group, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Civil Engineering & Land Surveying
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">4</p>
21. TITLE AND LOCATION (City and State) Bridge Road Box Culvert Replacement (Martin County, Florida)	22. YEAR COMPLETED PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable) 2018

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Martin County	b. POINT OF CONTACT NAME Paul Bangs, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (772) 463-2848
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

This project involved the design, construction plans and permitting phase of a new box culvert under Bridge Road, just north of Flora Avenue. The project included rehabilitating and raising the existing asphalt roadway, utilizing existing right-of-way, and features such as pedestrian access, utility crossing and temporary bypass road. Engenuity coordinated with civil engineers and traffic engineers throughout the three phases of this work; create the bypass, reroute traffic and remove the bypass.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Engenuity Group, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Civil Engineering
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 5
21. TITLE AND LOCATION (City and State) Corsair Drive Drainage (North Palm Beach, Florida)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2017

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Village of North Palm Beach	b. POINT OF CONTACT NAME Chuck Huff, Village Manager	c. POINT OF CONTACT TELEPHONE NUMBER (561) 904-2122

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

Engenuity Group provided professional surveying services to address the drainage issues experienced on the west side of Corsair Drive. This project consisted of a topographic survey to assist in developing a grading plan to eliminate standing water in the gutter, on Corsair Drive, between two building driveways.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Engenuity Group, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Civil Engineering & Land Surveying



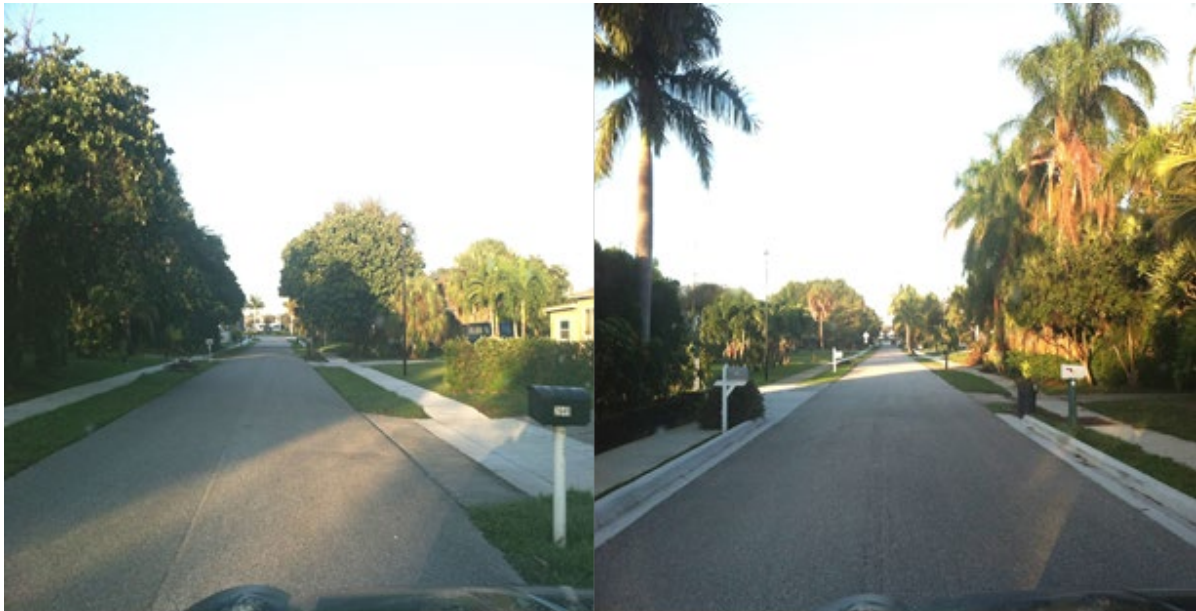
F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">6</p>
21. TITLE AND LOCATION (City and State) SW Neighborhood Sidewalk Improvements <i>(North Palm Beach, Florida)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) 2014

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Village of North Palm Beach	b. POINT OF CONTACT NAME Chuck Huff, Village Manager	c. POINT OF CONTACT TELEPHONE NUMBER (561) 904-2122
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Engenuity Group was responsible for all site civil improvements associated with the South West Neighborhood Improvements project. The \$350k project included the construction of sidewalks and street lights along three residential streets in the Village of North Palm Beach, Florida. A total of over one mile of sidewalk was designed and installed which required resident coordination and consensus building meetings council, tree relocation, utility relocation, driveway restorations, and various other challenges. Engenuity Group's services also included the topographic survey, construction observations, and construction completion certification of the site civil improvements.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Engenuity Group, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Civil Engineering & Land Surveying
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 7
21. TITLE AND LOCATION (City and State) Reconstruction of Sidewalk Curb Ramps <i>(Wellington, Florida)</i>	22. YEAR COMPLETED PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2015

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Village of Wellington	b. POINT OF CONTACT NAME Jim Barnes, Village Manager	c. POINT OF CONTACT TELEPHONE NUMBER (561) 791-4085

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

The Village of Wellington Community Services Department obtained a Community Development Block Grant (CDBG) of approximately \$300,000 to be used to retrofit sidewalk and curb ramps at select intersections throughout the Village. Engenuity Group has prepared two justification reports and worked with the Public Works Department to identify existing sidewalk & curb ramps that did not meet the requirements of Florida Department of Transportation standards and the Americans with Disabilities Act (ADA). The report outlined deficiencies that needed refurbishment or reconstruction to bring these ramps into compliance. These deficiencies included tactile surfaces, landing slopes and dimensions, flare transition slopes, curb height, sidewalk cross slope, sidewalk terminations, and signal pedestrian access.

The Village prepared a bid proposal and a general contractor was selected to perform the work. Engenuity Group provided construction quality assurance through observations, measurements, and interpretation of standards through two phases of the work program. Phase 3 is scheduled to commence in October of 2014 as the Village continues to apply for and receive CDBG funds. To date, nearly 200 locations have been completed.

Phases 1 & 2 Completed May 2014
Phase 3 Completed June 2015



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Engenuity Group, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Civil Engineering





F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 8
21. TITLE AND LOCATION (City and State) Townwide Roadway Evaluation Plan <i>(Ocean Ridge, Florida)</i>		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2017 CONSTRUCTION (if applicable): Ongoing

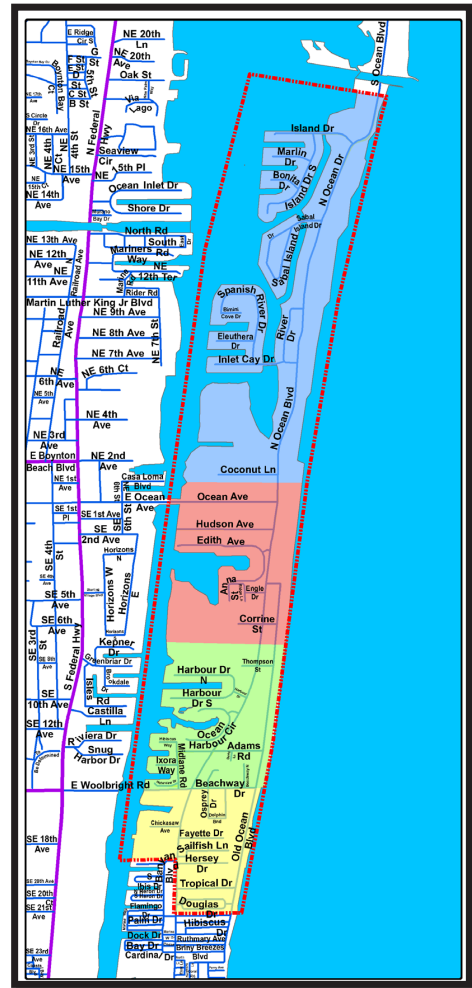
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Town of Ocean Ridge	b. POINT OF CONTACT NAME Lynne Ladner, Town Manager	c. POINT OF CONTACT TELEPHONE NUMBER (561) 734-2635

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

The Town of Ocean Ridge hired Engenuity Group, Inc. to evaluate the current condition of their roads and produce a priority plan. First, our engineers created a spreadsheet with all the Town roads divided into areas per their location the Town. The roads were then sorted using a ranking system based on the condition of the road supplied by the Town.

The next step was to calculate the lane miles of the entire Town. During this process, a visual inspection was performed with Town Staff and the ranking system of the roads was updated as needed. The roads were grouped together by their ranking and location.

To provide a visualization of the spreadsheet, an Area Map was created using ArcGIS with all the roads shown in the areas defined. Engenuity Group attended a Town Commission meeting to provide the information to the Commission for their review. The next step is to have a Geotechnical firm analyze the roads that were in the 2017 priority group. The repaving plan will be based on the number of lane miles that can be completed with the funds available.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Engenuity Group, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Civil Engineering



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">9</p>
21. TITLE AND LOCATION (City and State) SE 8th Court Drainage Improvements <i>(Delray Beach, Florida)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2020

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Delray Beach	b. POINT OF CONTACT NAME Joe Williams, Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER (561) 243-7000 x4716
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The City of Delray Beach aimed to remedy the issue of standing water on this residential cul-de-sac, adjacent to the Intracoastal Waterway (ICW). This has been a long present drainage issue in the neighborhood that needed improvements. Engenuity Group provided land surveying and civil engineering services to the City, first preparing a topographic survey of the subject area.

Our engineers had to secure the Army Corps of Engineers' approval due to having to move stormwater to the ICW through a new outfall in the existing seawall. Our scope included complete civil design, calculations, construction documents, and permitting assistance.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Engenuity Group, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Civil Engineering & Land Surveying
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 10
21. TITLE AND LOCATION (City and State) Cypress Lane Stormwater & Watermain Replacement (Palm Springs, Florida)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) 2019

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Village of Palm Springs	b. POINT OF CONTACT NAME Justin Lucas	c. POINT OF CONTACT TELEPHONE NUMBER (561) 964-8820

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

This project was implemented during the Stormwater Master Planning process, correcting an identified stormwater deficiency on Cypress Lane. It required re-grading flow lines and installing drainage infrastructure on both sides of the road that connect into the existing stormwater network on Davis Road, at the intersection with Alameda Drive. Additionally, a 420 LF replacement of an existing 6" cement asbestos pipe (CAP) with a new 6" DIP watermain was done on the west side of Cypress Lane within the existing parking lot area from the 6"x6" Tee connection near the Palm Springs Police Station. Engenuity Group provided a topographic survey and prepared civil design, permitting, bidding and construction administration phases.



. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Engenuity Group, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Civil Engineering & Land Surveying





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
Adam C. Swaney, PE	Primary Project Manager	X	X	X	X	X	X	X	X	X	X
Lisa A. Tropepe, PE	Project Manager	X	X	X	X	X	X	X	X	X	X
Keith B. Jackson, PE	Quality Control Manager	X	X	X	X	X	X	X	X	X	X
Tara Bamber, PE	Project Manager	X	X	X	X	X	X	X	X	X	X
Richard Brown, EI	Project Engineer	X	X	X	X	X	X	X	X	X	X
Kimberli Kile, EI	Project Engineer	X	X	X	X	X	X	X	X	X	X
Gabrielle Jessurun, EI	Project Engineer	X	X	X	X	X	X	X	X	X	X
Kender Louisius	AutoCAD Drafter	X	X	X	X	X	X	X	X	X	X
C. Andre Rayman, PSM	Survey Project Manager	X	X	X	X	X	X	X	X	X	X
Jennifer C. Malin, PSM	Project Surveyor	X	X	X	X	X	X	X	X	X	X

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Jupiter Island- North Beach Road	6	North Palm Beach- SW Neighborhood Sidewalks Improvements
2	Martin County Fire Rescue Training Facility	7	Wellington Sidewalks ADA Curb Upgrades
3	Tequesta Constitution Park	8	Ocean Ridge- Townwide Roadway Evaluation
4	Martin County- Bridge Road Box Culvert Replacement	9	Delray Beach- SE 8 th Court Drainage Improvements
5	North Palm Beach- Corsair Drive Drainage Improvements	10	Palm Springs- Cypress Lane Stormwater & Watermain Replacement





H. ADDITIONAL INFORMATION

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

Engenuity Group, Inc. is a multi-disciplinary consulting firm. Having specialized initially in projects with difficult permitting and land use problems, Engenuity Group has grown in size and broadened its range of services. Engenuity Group has evolved into a firm that primarily serves the Government and Institutional sector. Our clients include cities, special districts, school boards, hospitals and industry.

Engenuity Group over the past 42 years has grown to the point where it now offers a full range of services in civil engineering, surveying, and GIS mapping,

Engenuity Group, Inc. brings expertise to projects which require civil and environmental engineering and permitting, water management studies, wetland mitigation, habitat restoration and jurisdictional determinations. Engenuity Group also has experience in helping our clients obtain funding for projects through grant application preparation and follow-up. The firm's use of state-of-the-art electronics in Survey Services and computer-aided design and drafting brings both accuracy and rapid turn-around time to clients who need boundary and topographic surveys, plats and coordinate geometry, coastal surveying and right-of-way maps. Engenuity Group also provides Geographic Information System (GIS) Consulting and Design Services. Engenuity Group is dedicated to providing competent professional services to its clients, whether they are in the private or public sector. We measure our success by our various satisfied clients – clients who appreciate strict control of time and budget as well as contract and legal compliance.

OVERVIEW OF SERVICES

- ENGINEERING
 - Master Drainage Systems
 - Roadway Design
 - Water Distribution and Sewage Collection Systems
 - Paving, Grading, and Drainage
 - Marina Design and Permitting
 - Seawalls and Docks
 - Hydrographic Studies
 - Park designs
 - Plans, Permits, Inspections
 - Construction Observation Services, Certification

SURVEYING

- Boundary and Topographic Survey
- Route Surveying
- Plat and Coordinate Geometry
- Mean & Ordinary Highway Lines
- Bathymetric and Hydrographic Surveys
- Coastal Surveying
- Right-of-Way Maps
- GIS Development Services

ENVIRONMENTAL

- Ecosystem Evaluation
- Environmental Permitting
- Estuarine Studies
- Habitat Restoration
- Jurisdictional Determination
- Wetland Mitigation

OTHER SERVICES

- Legislative and Regulatory Assistance
- Public Outreach
- Grant Assistance
- Construction Administration
- NPDES
- Emergency Services

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

September 26, 2023

33. NAME AND TITLE

Adam C. Swaney, P.E., Vice President





ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)
20230087

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME Engenuity Group, Inc.			3. YEAR ESTABLISHED 1978	4. UNIQUE ENTITY IDENTIFIER D9JHKPEFB8E1
2b. STREET 1280 North Congress Avenue, Suite 101			5. OWNERSHIP a. TYPE Corporation	
2c. CITY West Palm Beach	2d. STATE FL	2e. ZIP CODE 33409		
6a. POINT OF CONTACT NAME AND TITLE Adam C. Swaney, P.E., Vice President			b. SMALL BUSINESS STATUS Certified S/MBE	
6b. TELEPHONE NUMBER (561) 655-1151	6c. E-MAIL ADDRESS aswaney@engenuitygroup.com		7. NAME OF FIRM (if block 2a is a branch office)	
8a. FORMER FIRM NAME(S) (if any) SFRN, Inc. Shalloway, Inc. Shalloway, Foy, Schofield, Rayman & Newell, Inc. Shalloway, Foy, Rayman & Newell, Inc.			8b. YR. ESTABLISHED 1996 1978 1986 1989	8c. DUNS NUMBER 099072266

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrators	4		T04	City of Palm Beach Gardens	2
12	Civil Engineers	11		C10	Oxygen Development	2
38	Surveyors	16		C11	Palm Beach Gardens EEOC	1
29	GIS	1		C18	Village of North Palm Beach	1
				G04	Town Of Ocean Ridge	1
				H07	PBIA Airport	3
				H09	St Mary's Hospital	1
				H05	Amy's Place	1
				I01	Pero Farms	1
				L02	Village of Wellington	3
				O01	Department of Homeland Security Office Building	1
				C02	South Florida National Cemetery	2
				C16	Lake Ida Drainage Improvements	1
				S10	Village of Wellington	2
				S13	Ocean Ridge South Phase	2
				I06	Rushy Marsh Farms	1
	Other Employees			R04	Citrus Grove Community Park	1
	Total	32	0	H11	Bay Colony	1

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

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE September 26, 2023
c. NAME AND TITLE Adam C. Swaney, P.E., Vice President	





TAB 2

METHODOLOGY/ APPROACH



APPROACH TO SCOPE OF WORK

OPERATIONS PLAN/APPROACH

Our project development process has been proven and tested over our four decades of practice, serving countless municipal clients and special districts, earning recognition along the way.

Engenuity's professional team has streamlined this process to maintain quality while optimizing cost efficiency and delivery speed. We invite and encourage you to contact any one of our current or past clients to verify our outstanding track record! Our general engineering project approach is described as follows:

At the onset of a project, the **Engenuity Group's Primary Project Manager** will communicate with the representative of the City to develop the scope, deliverable, and delivery date. After this meeting, the Project Manager will create a proposal for review by the City's staff. Once the proposal has been agreed upon the Project Manager will work with City's staff to establish the fee schedule.

The proposal and fee schedule agreement is followed by designation of a project team by the Project Manager, which team will see the project to its completion. The Primary Project Manager will be the direct liaison to the City, and will keep the City's staff updated on the team's progress on a weekly basis. The Primary Project Manager will also assign an independent Quality Control manager for the final Quality Control of the deliverable. We will then gather existing as-built plans and documents pertaining to the area, and coordinate the efforts of our survey department to gather necessary topographic information, right-of-way information and underground utilities as marked. Next, we will use this base map

information to develop our plan and profile sheets using Civil3D software. In cases where there may be potential design conflicts, we will use Subsurface Utility Location to verify and adjust our design as necessary. The Primary Project Manager will also be responsible for providing invoices to the City in the agreed upon format, and for providing any backup information the City might request.



Additionally, **Engenuity Group** has a proven and specific approach to surveying projects. We understand and embrace the objectives of the City in regards to maintaining and enhancing the community in a sustainable, efficient and reliable manner. We promote green practices in our offices as well as in the field and strive to reduce our carbon footprint.

Engenuity Group will have field crews available to the City at all times. We will also coordinate work with sub-consultants, collaborate with utility agencies and other entities. Engenuity will provide the City with Hourly Billing Rates for tasks to be performed. Upon acceptance we will expedite a fully inclusive proposal to the City for each project. We have extensive experience in submitting the required forms to municipalities prior to commencing work, and will be compliant with the City of Port St. Lucie procedural policies.

CIVIL ENGINEERING APPROACH/MANAGEMENT

Engenuity Group's professional engineering staff is experienced in producing designs which exemplify a thorough understanding of design concepts, analyzing the issues that will affect the design, and following through to produce an accurate and complete set of construction plans and specifications.

We will conduct pre-design or consensus building meetings to communicate design intent and define expectations of deliverables. If desired, coordination meetings are routinely held to facilitate the design and incorporate new ideas or direction. **Engenuity Group** prides itself on quality control procedures that include the independent review of completed

plans by two other professionals, one for engineering and one for constructability. Review of required permits in the pre-design meeting helps determine submittal timing at design completion for expediting the permit critical path.

Progress drawings are submitted to the client for review at completion of the topographic survey, midway through design, and at ninety-five percent complete, as a minimum. A set of drawings that are well prepared and easy to read will result in lower bids and ease of construction.

Our technical specifications have been developed and tested over the 45 year existence of our firm. We use the format and numbering system developed by the Construction Specifications Institute (CSI). The CSI numbering system and section format organizes specifications to provide efficient information retrieval by the contractor, the engineer, and the client. Our specification writer has been trained by the CSI.

Because we have been in business in South Florida for over 45 years, **Engenuity Group** is very familiar with the process of obtaining permit approvals for a wide variety of projects. We specialize in difficult permitting approvals and have up-to-date copies of all applicable codes in our computer database. We have also worked with many of the permit reviewers on multiple occasions. It is also our policy to meet with the permit reviewers to discuss the design criteria and their concerns before we start design.

Engenuity Group utilizes construction documents that are standard to the engineering industry and were developed by the Engineers Joint Contract Documents Committee. These documents are the products of many years of study, research, legal interpretations, and court decisions, and are endorsed by most engineering professions and



contractors. Our staff has been trained in the use of these documents with over 40 years of experience.

Bidding

Key staff members have administered bidding on literally hundreds of projects. Responding to all questions from bidders in a clear and concise manner in addenda is critical to receiving good bids. It is also important to treat all bidders equally so that no bidder has an unfair advantage. This includes conducting pre-bid meetings, preparing minutes, issuing addenda, facilitating bid openings, evaluating bids, issuing a notice of award, and reviewing bonds and insurance are all activities that we have a considerable amount of experience handling.

CONSTRUCTION ADMINISTRATION & OBSERVATION SERVICES

- Meet with the contractor and all subcontractors to review the scope of work and schedule, testing requirements, inspection schedules, limitation on the times of day work can be done, as well as any limitations of the contractor.
- Schedule regular (weekly, bi-weekly, etc.) meetings with contractor, City staff, engineer, sub-consultants and sub-contractors as required to insure proper project coordination and communication.
- Perform on-site field observation and submit copies of reports to City staff. The field representative will inform the City of the progress of the work, how it compares with the schedule and any changes in the construction that will affect the time of completion or costs.
- Recommend on a monthly basis the amount of funds to be released to the contractor based on percent completed and schedule.
- Obtain any warranties for the work done under the contract.
- Submit as-built information and certification to the appropriate governmental agencies and close out the project.

PERMITTING REVIEW PROCESS

- Coordinate with staff on issues related to the property being reviewed and its possible impact on the City’s objectives and initiatives.
- Provide proper comments and requests for additional information with respect to all applicable Federal, State and Local laws / ordinances.
- Concentrate on possible adverse impacts to adjacent property owners.
- Correspond with permittee when appropriate.

Engenuity Group, Inc. offers a full range of services in Civil Engineering, Surveying, and Construction Contract Administration. For over 45 years we have been providing professional engineering services to our clients and are dedicated to the development and economic prosperity of the local community, whether they are in the private sector or public sector, whether they are urban land developers or agricultural enterprises. The firm specializes in projects for Municipalities, Special Districts and other quasi-governmental clients. This work comprises over 70% of the firm’s work. The following is a more specific listing of the exact services we excel in:

CIVIL ENGINEERING AND CONSULTING

- Water Distribution and Sewer Collection Systems
- Paving, Grading and Drainage - Design and Permitting
- Master Drainage Systems
- Water Management Studies and Design
- Roadway Design and Permitting
- Design and Permitting
- Earthwork Analysis/Digital Terrain Modeling
- Marina Design and Permitting
- Seawalls and Docks - Design and Permitting

- Hydrographic Studies
- Park Designs
- Land Development Services
- Construction Observation Services, Certification of Completion
- Quality Control Evaluations
- Plan Review and Evaluation
- HOA/POA Turnovers
- Municipal, Water Control District and “CDD” Consultant

**...FOR OVER 45 YEARS...
PROVIDING PROFESSIONAL
ENGINEERING SERVICES
TO OUR CLIENTS.**

ENGINEERING & SURVEYING DEVELOPMENT REVIEW SERVICES

Engenuity Group, Inc. has 45 years of experience in reviewing peer engineering and survey development plans that are submitted to municipalities by other firms. Typically the developers will submit the plans to the City and Staff will assign the plan to us for review using a system such as ProjectDox or by email. We then keep track of the plans that are organized in a folder on our end and given to the reviewer to view and ensure they are in compliance with City Ordinances and State of Florida laws. Usually the developer pays a fee to the City so that our services are not taxpayer funded. We provide a flat fee or hourly proposal that covers 3 reviews and a final approval letter. Once the job is started we typically have less than a week turnaround time in which we submit a letter with comments or approval of the plans or the plat. All time is kept track of and billed to the escrow account that is set up by the City that the developer pays into.

We also assist with onsite inspections to ensure that the plans are being followed. If there are other scopes of work that are included such as landscape architecture or photometrics, **Engenuity Group** will retain a sub-consultant that will review those plans and we will keep track of the comments and deliver all if them to the City as a package. We are experts at providing these services for both engineering plans and surveys/plats. We can review the plans during the site plan process and also when the project goes to building permit

to ensure nothing has changed. We are happy to coordinate with City Staff, Applicants and other stakeholders and will attend meetings as necessary to report on reviews.

We provide these services for many other Cities, Towns, and Villages and have a process down to turn reviews are around quickly. We have reviewed thousands of plans and performed inspections on all different types of projects from single family homes, apartment and condo complexes, equestrian facilities, civic tracts, roadways, commercial facilities, and basically any other type of development that exists. We currently review engineering plans and plats for the Village of Wellington (100+ projects), the City of Westlake (60+ projects), Town of Lake Park (50+ [projects), City of Riviera Beach (20+ projects), Town of Ocean Ridge (100+ projects), the Village of Palm Springs (60+ projects), Town of Loxahatchee Groves (25+ projects) City of Boynton Beach, City of Delray Beach, Town of Hypoluxo, Town of Lake Clarke Shores, City of Lake Worth Beach, Town of Manalapan, Village of North Palm Beach, Town of Palm Beach, City of Palm Beach Gardens, Town of Jupiter Island, City of Sunrise, and the City of West Palm Beach. Many of these communities planning and engineering departments have come to reply on us and consider us an integral part of their approval process on projects.

LAND SURVEYING APPROACH/ MANAGEMENT

Design (Topographic) Surveys

Engenuity will establish both horizontal and vertical controls on the ground using published control markers for the originating control. We are cognizant of the different vertical datum that is currently being used in the area and are committed to communicating that in our deliverables.

Boundary Surveys

In performing any boundary survey, we will establish or re-establish the boundary line on the ground or will obtain data to construct a map or plat showing the boundary line. These boundary lines will be monumented in the ground, as necessary, and a legal description will be prepared for the subject parcel.

Preparation of Sketches and Legal Descriptions

Engenuity will write legal descriptions that describe land boundaries by either a metes and bounds method or by aliquot parts. The sketch that accompanies the legal description shows all of the information referenced in the description and also states that the sketch is not a survey. The initial point in our sketch and descriptions will be tied to a government corner, a recorded corner, or some other well-established survey point.

Plat Preparation

Engenuity Group can produce any plats or re-plats that the City may require. The platting process utilizes the same Quality Control/Quality Assurance methods that we incorporate in our other survey products.

Mapping

Engenuity performs two (2) basic methods of mapping, done through either aerial (photogrammetric) or ground (field) technologies. In most circumstances, we use a combination of these two methods. The photogrammetric method allows us to map large areas economically and accurately. We will then use ground surveying to establish control and to check mapped features for accuracy.

AutoCAD Drafting

Engenuity Group gathers field data digitally and then processes it in the office using AutoCAD/Civil 3D (version 2023).

We can analyze, modify, enlarge/reduce the scale and change contour intervals in the office prior to creating hard copies of the survey. We can also depict various features on the map using a combination of points, lines, and symbols. These digital files can then be used by our GIS and engineering department for data analysis or thematic mapping.

Bathymetric/Hydrographic Surveys

Engenuity Group frequently performs both Bathymetric/Hydrographic Surveys on a regular basis being that we are located in close proximity to the ocean and Florida's many other bodies of water. Automated hydrographic surveys are conducted in strict compliance with the U.S. Army Corps of Engineers Specifications and include only the latest technological advancements in sounding and positioning equipment and navigation software. Conventional

methodologies can also be incorporated when obtaining soundings. Utilizing the HyDrone-ASV to obtain depths of water and its corresponding horizontal location with real world coordinates, obtained by Trimble based GPS units, is much more efficient and safer than obtaining the same data utilizing traditional means.

Construction Layout/As-built Surveys

Engenuity will acquire the approved specifications prior to commencement of any surveying efforts. We will determine the appropriate number of horizontal and vertical monuments to be established, and the relationship of those monuments to construction lines, grades, and offset lines. **Engenuity Group** will examine and analyze the approved set of plans and compute as needed, then plan the necessary methods and procedures for conducting the construction survey.

Subsurface Utilities Engineering/GPR

Subsurface utility locates begin with submitting Sunshine 811 Design Tickets that show the underground utilities and the contact information per the Sunshine 811 database. As-builts, plans, and graphics are then requested from these contacts directly provided the contact information is still valid and there is not a specified alternate method of requesting resources (City of Sunrise has an online Portal to request records for city managed utilities for example). Field work begins with identifying above ground structure that relate to underground utilities, i.e., electric panels, fiber optic vaults, communication risers, water and sewer valves, and manholes. Many of these structures provide connection points to locate conductive utilities using an electromagnetic locator by sending a current from a transmitter at a specified frequency that can be picked up by a receiver. Ground Penetrating Radar is used to verify the location of larger utilities located using an Electromagnet Locator as well as to locate utilities that

are not conductive and therefore can not be located using an electromagnetic locator. Records received before field work is used to expedite the field process by indicating the areas utilities should be located. After field work is complete, Records and field data are both used to identify the horizontal location and type of utilities located on site. Finalized utility locates are then sent to the client shown on an aerial of the site or as supplementary information on an Engenuity Group official Survey.

Survey Document Review

Engenuity Group will review all plats, boundaries, and sketch and descriptions in a timely manner, following the standards in the industry. Each review will generate a comments letter.

PERFORMANCE BENCHMARKS AND PLANS

Engenuity has a clear and concise protocol for completing a project, from the beginning to the end, where final signed and sealed survey plans are submitted to the City for review and for the use of the project Architect or Engineer. These different phases of the project, or benchmarks, allow for a time-tested and proven product to be delivered to the City with utmost accuracy. Every step is quality controlled and ultimately sent to our Quality Control Manager who gives a final review before turning it over to City Staff. These Benchmarks include:

- Horizontal & Vertical Control set-up by Field Crew Manager to ensure accuracy in the field,
- Collection of all data in the field by crews under management of experienced Crew Chief,
- Download of collected data to server for use in creating maps,
- Completion of first draft by AutoCAD drafters for review and redline by Project Manager,
- Revisions and fine tuning of maps,
- Penultimate check by project manager to ensure accuracy,
- Final review by Quality Control

QUALITY CONTROL

After completion of survey drawings, or any other deliverable, **Engenuity Group, Inc.** has a formal review period. The project will be reviewed by **Engenuity Group's** Quality Control/Quality Assurance Manager who has had no participation in the project. The review elevates the quality of the final product.

TIME FRAMES

Engenuity Group has developed procedures which can catch possible field errors during construction, by an in-house review of the work performed. It takes approximately

one day to perform an in-office check of the file. Construction does not begin until review is finalized.

Engenuity Group internally schedules weekly staff meetings as well as quarterly project reviews for clients, manpower and scheduling needs. **Engenuity Group** uses Ajera Financial Management



software which is a project management/accounting program specific to engineers/architects for project cost control and accounting. To meet budget requirements, during the proposal stage, we establish the hours assigned for each unique task.

Once a task is approved all information regarding due dates and budgets are entered into work orders in Ajera including all of those involving sub-consultants. This allows us to supervise all sub-consultants to ensure they adhere to timeframe and monetary requirements. In addition, we can input detailed information regarding the contracts that are current, making it

easy to keep in compliance with all regulations and contract parameters.

After completion of construction plans, rather than immediately submitting to the government agencies for approval, **Engenuity Group, Inc.** has a formal review period. The project will be reviewed by one of **Engenuity Group's** senior project managers who has had no participation in the project. The review period takes about one week but can be sped up based on City priorities.

Engenuity Group has developed a "Quality Control Checklist" which specifically lists items to guide the Review Committee's process of approving the plans for construction. Each specific item must be addressed as to whether it is sufficient, insufficient or not applicable.

Signatures are ultimately required by all Review Committee members to stress the importance and responsibility and seriousness of our QA/QC Process.

SCHEDULING

In general, two of our team members are constantly prioritizing which projects need immediate attention and organizing our schedules—for engineering and for surveying. We ensure that work is assigned to the many resources on our team and the best combination to get the job completed.

COMMUNICATING

At **Engenuity Group, Inc.** we pride ourselves in keeping an open line of communication at all times. We openly share our mobile numbers and emails, in addition to the main office phone, where we can be reached at all times. We know that the City of Port St. Lucie serves the citizens, and by extension so would we. We would welcome all staff and Project Managers to contact us at any time should the need arise. We provide you with our Primary Project Manager's cell phone, so that we are always reachable.

TIME & BUDGET

Engenuity Group, Inc. takes time and budget constraints very seriously. Because the majority of our clients are municipalities and government agencies we are quite knowledgeable and experienced with managing budgets and understanding the system of processing work authorizations, as well as keeping project costs on target with the approved proposal. We are serious about meeting time and budget requirements. To meet time requirements we establish a due date in writing, establish intermediate milestone dates and we meet these dates.

To meet budget requirements we establish, at the proposal stage, the hours assigned for each unique task. We utilize software to assist us in monitoring the relationship of work progress to the budget.

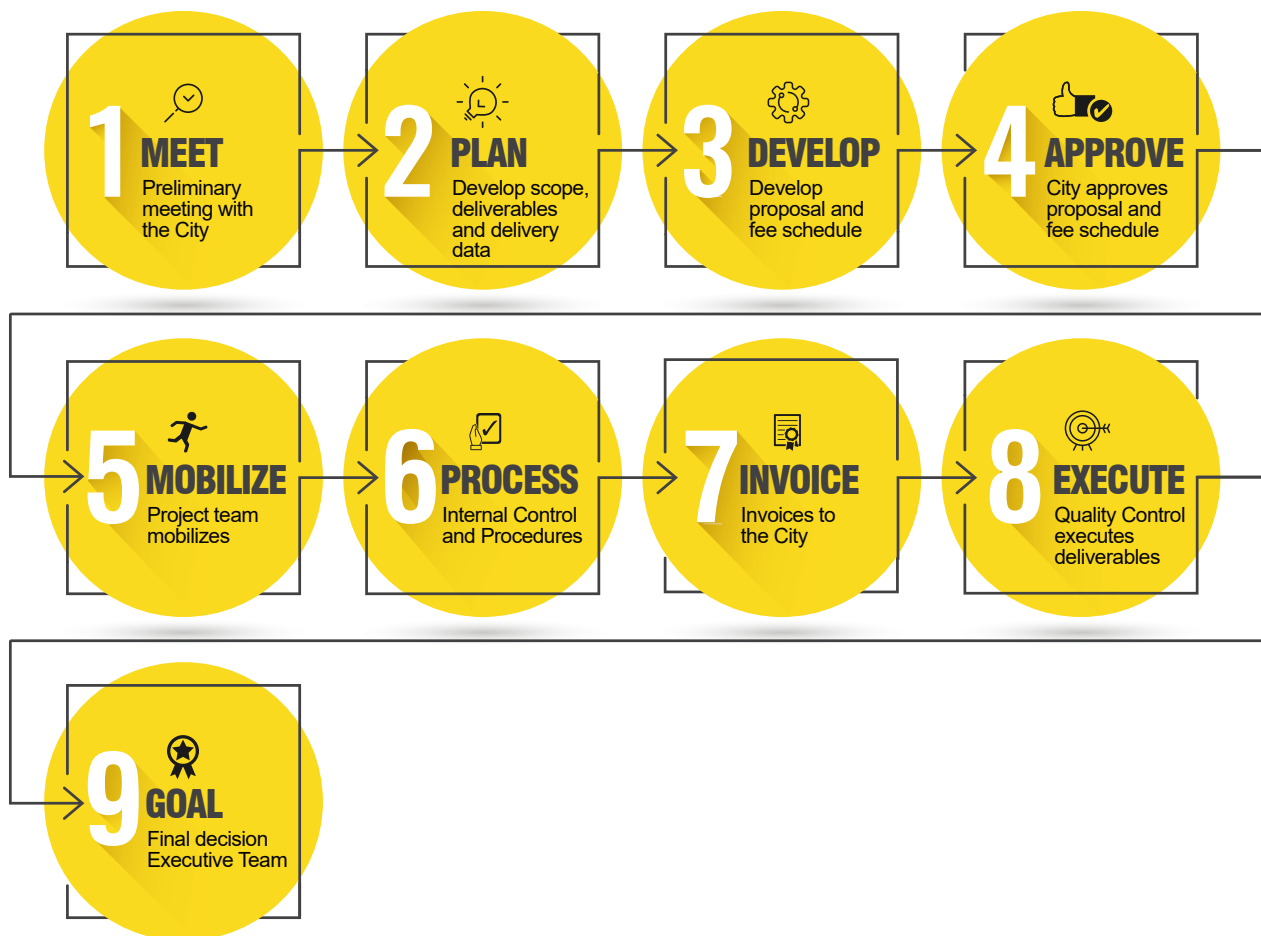
Our performance record speaks for itself, as our clients will attest. We pride ourselves on minimizing effects of unforeseen variables and keeping the

scope of projects on track by quickly addressing and resolving project development needs. We believe that the success of project development relies on a well set-up project that is expertly monitored and kept in close communication with the project owner.

Resolving Conflicts

When conflicts arise on the job, we always do our best to resolve them quickly and professionally, so that it's a positive collaboration experience and all share holders in the project are 100% satisfied.

THE **engenuity** group inc.
PROCESS



Funding Sources

Capital improvement projects located in existing neighborhoods are not only a design challenge, but a public relations challenge as well. “Buy in” from elected officials and residents as to whether the project is for the good of the citizens of the City and worth the estimated price are typical discussion items. In addition, public funding for specific areas can create a challenge from those residents who are “high and dry” and not receptive to funding that does not benefit the entire City.

There are several ways to increase a resident’s support for the project. One way is to use “Other People’s Money” (OPM). Examples of OPMs are grants and government funding opportunities.

The 319 Grant Program originates from the Federal Clean Water Act Section 319 (h) funds. Each year, the Environmental Protection Agency (EPA) awards Section 319 (h) funds to individual States who then implement the program. In Florida, the Department of Environmental Protection (FDEP) is the decision making agency.

Applicants submit their project to the FDEP. The FDEP then submits all their proposed funding plans to the EPA for possible awarding of funds. Successful applicants work with the FDEP throughout the entire project. This includes all applicable funding agreements, approval conditions, and reimbursements.

The FDEP has a loan program in place for stormwater projects. This program is called the State Revolving Fund Loan Program for Water Pollution Control (SRF).

The SRF provides low-interest loans for planning, designing, and constructing water pollution control facilities. Federal and State appropriations have funded the SRF. It is a “revolving” fund because loan repayments are used to make additional loans. By federal law, the SRF is to be operated in perpetuity.

In Florida, the FDEP is the administrator of the loans. The FDEP solicits project information each year. The information is used to establish project priorities for the following annual cycle. Funds are made available for preconstruction loans and construction loans. The loan terms include a 20-year amortization and a low-interest rate. Preconstruction loans are available to all communities and provide up-front disbursements for administrative services, project planning and project design.

There are also many other grant opportunities available through programs such as the American Rescue Plan Act, Bipartisan Infrastructure Act, Florida Recreation Development Assistance Program, and many others that we can explore applying for with the City.

EQUIPMENT

Our offices are outfitted with state of the art equipment and the latest software for office management/accounting, and design in order to produce the best quality, most accurate product efficiently. Engenuity Group is equipped with the following devices:

(10) GPS units:

- (2) Trimble - R8-3 GNSS
- (1) Trimble R8
- (2) Epoch 50
- (5) Spectra Precision SP60

(5) Total Stations:

- (2) Topcon GST 225
- (2) Topcon GST 235W
- (1) Topcon ES-105

(5) Levels: G2

- (2) Topcon AT-G2
- Topcon RL-H3CL
- Topcon DL-102 Digital
- Topcon RL-H3CL Laser Level

Vehicles:

- 2014 Ford F150
- 2013 Ford F150
- 2012 Ford F150
- 2009 Ford F150
- 2007 Ford F150
- 2006 Ford F150
- 12' John Boat

Data Loggers:

- Spectra Ranger TSC-3

SUE Equipment

GPR

Impulse Radar-PinPointR

Model: CQ00102

S/N: 20167820

Electromagnet Locator

Vivax Metrotech- vLoc3 RTK-Pro

Model: VX226-01

S/N: 22601160308

Electromagnet Transmitter

Vivax Metrotech- Loc3-10Tx

Model: VX219-02

S/N: 21902162841



Software:

- AutoCAD 2023 Civil 3D
- AutoCAD 2023 LT
- ArcView GIS
- TGO
- Opus
- CorpsCon
- VertCon
- CovertToRinex
- Microsoft Office Pro 365
- Adobe Pro DC
- Pix 4d software for drone data



Drones:

We utilize two aerial drones operated by one of our two FAA licensed technicians: Phantom 4 Pro and the DJI Inspire 2, that has the capacity of flying for almost 30 minutes while taking 360° view range photo/video with up to 6K and can fly 50MPH, with app control. In addition, our technicians utilize a Seafloor HyDrone when needed. All of our printing needs are fulfilled in-house with a KIP7170k printer for drawings and HP LaserJet MFP for documents.



TAB 3

**CERTIFIED MINORITY
BUSINESS ENTERPRISE**



Minority Business Certification

State of Florida
Minority Business Certification

Engenuity Group, Inc

Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:
12/17/2021 to 12/17/2023



J. Todd Inman
Florida Department of Management Services



Office of Supplier Diversity
4050 Esplanade Way, Suite 380
Tallahassee, FL 32399
850-487-0915
www.dms.myflorida.com/osd



TAB 4

ADDITIONAL REQUIRED PROPOSAL SUBMITTAL FORMS



(Attachment B. Consultant's General Information Work Sheet)

**CONTRACTOR'S GENERAL INFORMATION WORK SHEET
E-RFP #20230087**

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

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 1280 N. Congress Ave., Ste. 101, WPB, FL 33409, this 20th day of Sept., 2023
(Location)

Name of Organization/Contractor: Engenuity Group, Inc.

By: Adam C. Swaney, PE, Vice President
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: Engenuity Group, Inc.

Address: 1280 North Congress Avenue, Suite 101
West Palm Beach, FL 33409

Telephone Number: 561-655-1151

Fax Number: 561-832-9390

3. Contact person: Adam C. Swaney, PE Email: aswaney@engenuitygroup.com

4. Firm's previous names (if any). SFRN, Inc.; Shalloway, Inc.; Shalloway, Foy, Rayman, Newell, Inc.

5. How many years has your organization been in business? 45 Years

6. Is the firm claiming Local Preference under City Ordinance 35.12? YES / NO

7. **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	9/15/2023		

(Attachment B. Consultant's General Information Work Sheet)

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

Yes () No (X)

If yes, please explain:

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

None

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

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

None

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

11. List any criminal violations and/or convictions of the Proposer and/or any of its principals:

None

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



Signature

Vice President

Title

(Attachment B. Cone of Silence Form)

NOTICE TO ALL PROPOSERS:

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

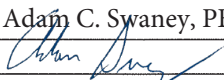
All questions regarding this Solicitation are to be submitted in writing to Nadia Tourjee, Procurement Agent I with the Procurement Management Department via e-mail ibarr@cityofpsl.com, or by phone 772-344-4055 Please reference the Solicitation number on all correspondence to the City.

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: Adam C. Swaney, PE
Signed: 
Company and Job Title: Engenuity Group, Inc., Vice President
Date: 9/20/2023

(Attachment B. Consultant's Code of Ethics)



"A City for All Ages"

E-RFP #20230087

CONTRACTOR'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 Contractor's Code of Ethics.

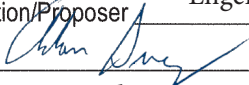
- ◆ A Contractor's bid or proposal will be competitive, consistent, and appropriate to the bid documents.
- ◆ A Contractor will not discuss or consult with other Vendors intending to bid on the same contract or similar City contract for the purpose of limiting competition. A Vendor will not make any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

(Attachment B. Consultant's Code of Ethics)

(including temporary labor agencies) to do the same. Contractor 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:

- o Obtaining and maintaining all required environmental permits. Further, Contractor will endeavor to minimize natural resource consumption through conservation, recycling, and substitution methods.
- o 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.
- o 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 Engenuity Group, Inc.

Signature 

Printed Name and Title Adam C. Swaney, PE, Vice President

Date 9/20/2023

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

(Attachment B. E-Verify Form)



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E-Verify Form

Supplier/Consultant acknowledges and agrees to the following:

1. Shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Supplier/Consultant during the term of the contract; and
2. Shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.
3. The Contractor hereby represents that it is in compliance with the requirements of Sections 448.09 and 448.095, Florida Statutes. The Contractor further represents that it will remain in compliance with the requirements of Sections 448.09 and 448.095 Florida Statutes, during the term of this contract and all attributed renewals.
4. The Contractor hereby warrants that it has not had a contract terminated by a public employer for violating Section 448.095, Florida Statutes, within the year preceding the effective date of this contract. If the Contractor has a contract terminated by a public employer for any such violation during the term of this contract, it must provide immediate notice thereof to the City.

E-Verify Company Identification Number	968260
Date of Authorization	5/3/2016
Name of Contractor	Engenuity Group, Inc.
Name of Project	Professional Design Engineering Continuing Services
Solicitation Number (If Applicable)	20230087

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

Executed on 20th September, 2023 in West Palm Beach (city), FL (state).

Signature of Authorized Officer

Adam C. Swaney, PE, Vice President

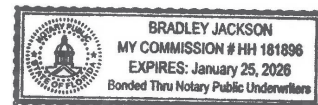
Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME

ON THIS THE 20th DAY OF September, 2023.

NOTARY PUBLIC Bradley Jackson

My Commission Expires: 1/25/2026



(Attachment B. Non-Collusion Affidavit)



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NON-COLLUSION AFFIDAVIT
E-RFP #20230087

State of Florida }

County of St. Lucie }

Adam C. Swaney, PE, being first duly sworn, disposes and says that:
(Name/s)

1. They are Vice President of Engenuity Group, Inc. the Proposer that
(Title) (Name of Company)

has submitted the attached PROPOSAL;

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

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

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

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

(Signed) [Signature]

(Title) Vice President

(Attachment B. Non-Collusion Affidavit)



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

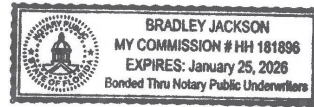
The foregoing instrument was acknowledged before me this (Date) September 20, 2023

by: Adam C. Swaney, PE who is personally known to me or who has produced
_____ as identification and who did (did not) take an oath.

Commission No. HH 181896

Notary Print: Bradley Jackson

Notary Signature: *Bradley Jackson*



(Attachment B. Drug-Free Workplace Form)



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DRUG-FREE WORKPLACE FORM
E-RFP #20230087

The undersigned vendor in accordance with Florida Statute 287.087 hereby certifies that

Engenuity Group, Inc.

does:

(Name of Business)

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

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

Handwritten signature of Alan Dwyer

Contractor's Signature

9/20/2023

Date

(Attachment B. Vendor Certification Regarding Scrutinized Companies Form)

VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES' LISTS

Vendor Name: Engenuity Group, Inc.
 Vendor FEIN: 59-1959840
 Authorized Representative's Name: Adam C. Swaney, PE
 Authorized Representative's Title: Vice President
 Address: 1280 North Congress Ave., Suite 101
 City, State and Zip Code: West Palm Beach, FL 33409
 Phone Number: 561-655-1151
 Email Address: aswaney@engenuitygroup.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.

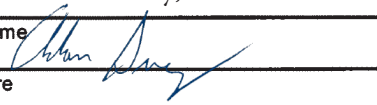
I understand and agree that the City may immediately terminate any contract resulting from this solicitation upon written notice if the company referenced above are found to have submitted a false certification or any of the following occur with respect to the company or a related entity: (i) for any 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

Adam C. Swaney, PE

Print Name

Signature



(Attachment B. Truth in Negotiation Form)



"A City for All Ages"

TRUTH-IN-NEGOTIATION CERTIFICATE

RFP- # 20230087

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

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

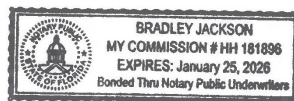
The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the City determines the agreement price was increased due to inaccurate, incomplete, or non-current wage rates and other factual unit costs. All such agreement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

Engenuity Group, Inc.
Name of Firm
Adam C. Swaney, PE, Vice President
President or Designee (Printed)
[Signature]
President or Designee (Signed)

The foregoing instrument was acknowledged before me by Adam C. Swaney, PE who is personally known to me. WITNESS my hand and official seal in the (Name of County) Palm Beach (State) last aforesaid this 20 day of Sept., 2023.
FL

(SEAL)

Signature Bradley Jackson
Notary Name (typed or printed)
[Signature]
Notary Name (signed)



THANK YOU
**For the
Opportunity**

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1978 - 2023
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Celebrating 45 Years of Excellence

engenuity
group inc.

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