

Engenuity Group, Inc.

Bid Contact **Bradley Jackson**
bjackson@engenuitygroup.com
Ph 561-655-1151

Address **1280 N. Congress Ave., Ste. 101**
West Palm Beach, FL 33409

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch.	Docs
PSEN-18-02--01-01	Please submit documents here.	Supplier Product Code:	First Offer -	1 / each	Y	Y
Supplier Total					\$0.00	

Engenuity Group, Inc.

Item: **Please submit documents here.**

Attachments

Proposal for PSEN-18-02 · Engenuity Group, Inc..pdf



40 Years of Superior Service
engenuity
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ENGINEERS • SURVEYORS • GIS MAPPERS



Request for Qualifications No. PSEN-18-02

Professional Service Providers (Architectural, Engineering, Surveying & Mapping)

For General Civil and Environmental Engineering and Land Surveying Services

July 24, 2018

Engenuity Group, Inc.

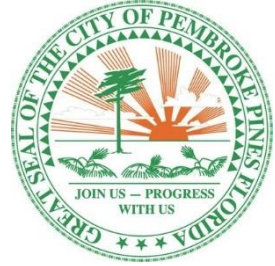
1280 N. Congress Avenue, West Palm Beach, FL 33409

(561) 665-1151

Engineering: Richard Brown - rbrown@engenuitygroup.com

Surveying: Jennifer Malin - jmalin@engenuitygroup.com

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**City of Pembroke Pines
Professional Service Providers
(Architectural, Engineering, Surveying & Mapping)
Request for Qualifications No. PSEN-18-02**

***For General Civil and Environmental Engineering
and Land Surveying Services***

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TAB 1



LETTER OF INTEREST

City of Pembroke Pines

Professional Service Providers

(Architectural, Engineering, Surveying & Mapping)

Request for Qualifications No. PSEN-18-02



C. ANDRE RAYMAN, P.S.M.
 KEITH B. JACKSON, P.E.
 LISA A. TROPEPE, P.E.
 ADAM SWANEY, P.E., LEED AP

July 24, 2018

Selection Committee
 City of Pembroke Pines
 8300 South Palm Drive
 Pembroke Pines, FL 33025

**Re: Professional Service Providers (Architectural, Engineering, Surveying & Mapping)
 For General Civil and Environmental Engineering and Land Surveying Services
 RFQ No. PSEN-18-02**

Dear Members of the Committee:

Engenuity Group, Inc. (Engenuity) is pleased to present to the **City of Pembroke Pines** our team's qualifications to provide Professional Consulting Services on a continuing contract basis in the disciplines of **Civil Engineering and Land Surveying Services**.

For **40 years**, Engenuity has been providing professional civil engineering and land surveying services in South Florida. We have made a conscious decision to specialize in being the consultant of choice for governmental institutions, municipalities, and special districts. This niche comprises over 90 percent of our firm's business.

The Engenuity Team has four (4) full-time Professional Engineers and four (4) Professional Land Surveyors and Mappers with over 200 years of combined experience, and a **staff of 28** in total. All work will be performed at our office located **within Palm Beach County**, at 1280 N. Congress Ave., Suite 101, West Palm Beach, Florida 33409.

We wish to be considered for the following disciplines as outlined in the RFQ document:

1.3.2. General Civil and Environmental Engineering Services

Engenuity's **civil engineering past performance** includes: water mains, gravity sewer, sewage force mains, pump stations, surface water management, reclaimed water and distribution systems, water and sewer distribution and collection, utility, Stormwater, and parks master planning and design, complete neighborhoods design, pump stations improvements, transportations design, site plan review, AutoCAD drafting, GIS Services, and other civil engineering or surveying and mapping services that may be necessary for this contract.



The Project Manager and primary contact for **1.3.2 General Civil and Environmental Engineering Services** will be **Richard Brown, E.I., a resident of Pembroke Pines**, and myself, **Adam Swaney, P.E.** will serve as the Principal-in-Charge. Richard's contact information is as follows: Email: rbrown@engenuitygroup.com, Cell: (954) 665-7520.

1.3.6. Land Surveying Services

Engenuity's **land surveying past performance** includes: boundary, topographic, ALTA, and hydrographic surveys, construction staking, legal descriptions, preparation of plat and subdivision documents, as-built record surveys, mean high water line survey, special purpose survey, and quantity survey. Engenuity also conducts construction layouts, and subsurface utility surveying.



The Project Manager and primary contact for **1.3.6. Land Surveying Services** will be **Jennifer Malin, PSM**. Jennifer's contact information is as follows:
Email: jmalin@engenuitygroup.com, Cell: (561) 809-1115.

Our team of professionals clearly understand the work to be performed and the City's need for quality work, communication, timelines and adherence to budget. We have the means and capacity to be a consultant for the City and will make **Pembroke Pines** a top priority client. **The Engenuity Team includes DRMP, Inc., McMahon Associates, Inc., and Terracon Consultants, Inc.** DRMP specializes in subsurface utility engineering, and their office is located in Boca Raton. McMahon specializes in traffic engineering, transportation planning, and design, the office associated with our submittal is located in the City of Doral. Terracon specializes in geotechnical, environmental, materials and facilities consulting, and their office is located in the City of Fort Lauderdale. Our team is led by individuals who have an unprecedented wealth of experience pertaining to **General Civil and Environmental Engineering and Land Surveying Services**, as outlined in your scope of services.

Engenuity has worked for governmental clients throughout its 40 year existence, and as a result, we are keenly aware of scheduling and budgetary restraints. We pride ourselves on being **ON TIME** and **ON BUDGET** and hereby commit to this statement. Our recent and current workload has allowed us to remain fully staffed while our projected workload allows ample time to provide the quality service **Pembroke Pines** expects.

Based on our past performance, it is our sincere belief that if we are given the opportunity, Engenuity will provide to the City, excellent service at an economical cost that cannot be equaled. Thank you for your consideration.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Adam Swaney'.

Adam Swaney, P.E.
Vice President



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TAB 2



Standard Form 330 (Parts I and II)

**City of Pembroke Pines
Professional Service Providers
(Architectural, Engineering, Surveying & Mapping)
Request for Qualifications No. PSEN-18-02**

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

Professional Service Providers for General Civil and Environmental Engineering and Land Surveying Services (Pembroke Pines, FL)

2. PUBLIC NOTICE DATE

June 26, 2018

3. SOLICITATION OR PROJECT NUMBER

PSEN-18-02

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Richard Brown, EI –Project Manager (Engineering)

5. NAME OF FIRM

Engenuity Group, Inc.

6. TELEPHONE NUMBER

(561) 655-1151

7. FAX NUMBER

(561) 832-9390

8. E-MAIL ADDRESS

rbrown@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			
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 (Stormwater, Water and Wastewater, Roads, Etc.) Surveying/Mapping Services
b.				X	DRMP, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	6853 SW 18th Street, Suite 310 Boca Raton, FL 33433	Subsurface Utility Engineering and Surveying
c.				X	McMahon Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	8333 NW 53 rd Street, Suite 450 Doral, FL 33166	Traffic/Transportation Engineering
d.				X	Terracon Consultants, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	5371 NW 33 rd Avenue Suite 201 Fort Lauderdale, FL 33309	Environmental Engineering
e.					<input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☒ (Attached)

GENERAL CIVIL AND ENVIRONMENTAL ENGINEERING



LAND SURVEYING



ORGANIZATIONAL CHART
RFQ NO. PSEN-18-02



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 Principal-in-Charge	14. YEARS EXPERIENCE	
		a. TOTAL 10	b. WITH CURRENT FIRM 3

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)
Boynton Plaza Publix Replacement (Boynton Beach, FL):	2010	2010
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 described as the development and construction of a new 54,817 SF Publix Supermarket. Prepared all civil engineering plans and performed site stormwater calculations, fire flow calculations and Liftstation design.		
Palm Tran Intermodal Facility (West Palm Beach, FL):	2010	2010
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm An on-grade bus transfer facility located in West Palm Beach. The Project consists of eighteen (18) bus bays, vehicle drives and pedestrian walkways with appropriate site improvement.		
Wellington Municipal Complex (Wellington, FL)	2011	2011
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm The Project is described as a Design/Build of a municipal complex on a 6 acre site for the Village of Wellington located. Project elements included design and permitting of a stormwater collection cistern, water, sewer, paving and grading improvements. This project achieved LEED Silver Certification.		
FAU/UF Joint Use Facility (Davie, FL):	2010	2010
d. (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 classroom/administrative building on a 6 acre site on the FAU campus in Davie, FL. Project elements included design of Liftstation, water main, paving, grading and drainage as well as all site permitting.		
South Florida Fairgrounds (West Palm Beach, FL):	2011	N/A
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Since 1998 Engenuity Group has had a continuing contract with the South Florida Fair and Palm Beach County Exposition, Inc. to perform civil engineering and surveying services for all the fairground property. Assignments have included master planning of Yesteryear Village, Skyride siting and permitting, midway layouts, and archway gate renovation and entrance. Engenuity Group also performed all the site engineering, and permitting for the construction of a ± 65,000 SF new expo hall adjacent to the existing facility. Design features included midway planning, event parking, and pedestrian movement, relocation of water, sewer, and utility features, and the location of Lake Florida, the Fair's lake.		

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 Manager	14. YEARS EXPERIENCE	
		a. TOTAL 18	b. WITH CURRENT FIRM 1
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)	
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)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Riviera Beach Heights (Riviera Beach, FL)	2011	2012
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm a. Project Engineer responsible for the streetscape improvements; community gardens, linear parks, FDOT ramps, sidewalks, retaining walls design, potable water and sanitary sewer mains, signing and pavement marking, paving, grading and drainage design and construction as well as permitting through the City of Riviera Beach.		
Croissant Park Elementary School - School Board of Broward County (Broward County, Florida)	2006	2007
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm b. Civil Engineer providing drainage improvements for Croissant Park Elementary. There is excess staging and delayed infiltration of storm water runoff in the detention area and because of these improvements are required to the storm water management system.		
Central Blvd. Modifications (Miami International Airport, FL)	2001	2002
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm c. Design Engineer responsible for traffic analysis of existing and future conditions for the MIA Central Boulevard expansion and realignment project. Project required the modeling Central Boulevard as a freeway using CORSIM Analysis & Simulation Package. The traffic tasks included the conversion of model volumes to DHVs based on the existing traffic patterns as well as the development of MOEs comparing the existing and the project year conditions.		
Miramar Parkway Widening (Broward County, Florida)	2000	2001
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm d. Design Engineer for the provision of signing and pavement marking plans, signalization and lighting plans for the new Miramar Parkway. This two-mile, four-lane roadway replaces an existing two-lane roadway, which is being converted to a local, parallel roadway.		
Runway 9L-27R Overlay (Ft. Lauderdale-Hollywood Intl. Airport, FL)	2003	2004
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm e.		

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
<p>Responsible for providing civil engineering services required for the overlay of Runway 9L-27R. The scope of work included: Grading and Paving, Drainage Design and Stormwater Management Plan, Engineered Materials Arresting Systems (EMAS) coordination geometry layout and tie-down block analysis, Pavement Marking and Details, Design of Proposed Blast Fence Foundation System and Preparation of ERP Permit Package.</p>			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
<p>Terminal Access Roadways Stormwater Master Plan (Ft. Lauderdale-Hollywood Intl. Airport, FL)</p>		PROFESSIONAL SERVICES 1999	CONSTRUCTION (If applicable) 2000
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
<p>Responsible for the preparation of stormwater master plan studies, investigations, plans, and the development of design-build documents for the terminal access roadways for the Fort Lauderdale-Hollywood International Airport. The services included conceptual stormwater planning, design, dewatering, and permitting to address the effects of the proposed roadway and portions of the new terminal and runway during and after construction. The stormwater planning was done by first analyzing the pre-development condition for comparison to the post-development condition. The analyses covered an area measuring 617 acres and were modeled using 35 basins. Analyses were done using the storm water modeling software - Advanced Interconnected Pond Routing (AdICPR). The results of the investigations, studies, analyses, calculations, and modeling, were assembled in a comprehensive storm water report along with recommendations. Plans were also developed to represent the backbone system for the project and allow for the receipt of a drainage construction permit for the project from SFWMD.</p>			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
<p>W 24 Avenue Signalization And Lighting (Dade County, Florida)</p>		PROFESSIONAL SERVICES 2004	CONSTRUCTION (If applicable) 2005
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
<p>Project Engineer for the provision of signalization and lighting plans for the widening of this 1.5 mile, two-lane roadway. The complete designs of three signalized intersections are included along with modifications to the existing signals at three Intersections. A school crossing is also included in the alignment. Lighting plans were prepared for the entire length of the corridor.</p>			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
<p>US-1 Key Deer Improvements - FDOT District 6 (Big Pine Key, Florida)</p>		PROFESSIONAL SERVICES 1999	CONSTRUCTION (If applicable) 2000
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
<p>Project engineer for the signalization, lighting and signing and pavement markings design services required for the provision of under-roadway crossings for the endangered Key Deer that inhabit Big Pine Key in the Florida Keys. The project required that the existing vertical alignment be raised approximately 8ft to allow for the underpass. US-1 is the only means of access to the Keys, and as such is the evacuation route for the Keys. This required that a temporary detour roadway be constructed to carry the traffic during the construction. Also included is the addition of lanes to US-1 in the City of Big Pine Key and improvements to the Key Deer Blvd intersection.</p>			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
<p>SR 44 – Milling and Resurfacing From Taffy Lane to SR 500 (Lake County, Florida)</p>		PROFESSIONAL SERVICES 2004	CONSTRUCTION (If applicable) 2005
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	

Design Engineer responsible for the signalization loop replacement and TMS plans along the corridor. This project is a 4-mile 3R (Resurfacing, Restoration and Rehabilitation) urban project with a curb and gutter typical section. The services include the work required to extend the life of the existing facility while enhancing its safety. This required a complete evaluation of the elements of the facility to compare to the present FDOT 3R standards as well as a safety evaluation. Whenever the current standards could not be satisfied, variations and exceptions were recommended for approval. The improvements included milling and resurfacing the existing pavement, and signalization.

(1) TITLE AND LOCATION (City and State) Ravenswood Road from Stirling Rd. to Griffin Rd. (Broward County, Florida)	(2) YEAR COMPLETED <table border="1"> <tr> <th>PROFESSIONAL SERVICES</th> <th>CONSTRUCTION (If applicable)</th> </tr> <tr> <td>2000</td> <td>2001</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2000	2001
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2000	2001					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm k. Design Engineer responsible for the signalization and lighting improvements along the corridor. This project includes the reconstruction of the existing 1-mile, two-lane roadway to a four-lane divided section with curb and gutters. Provision for sidewalks and bike lanes along both sides of the street are being made, as well as drainage improvements, signing and pavement markings, optional modification of the existing signals as well as addition of new signals, optional lighting improvements and optional landscape and irrigation.						
(1) TITLE AND LOCATION (City and State) N.E. 39th & N.E. 40th Street Streetscape Improvements (City of Miami, Florida)	(2) YEAR COMPLETED <table border="1"> <tr> <th>PROFESSIONAL SERVICES</th> <th>CONSTRUCTION (If applicable)</th> </tr> <tr> <td>2001</td> <td>2002</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2001	2002
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2001	2002					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm l. Design Engineer responsible for the signalization plans along the corridor. This project involved analyzing the recommendations of the Miami Design District Planning Study to determine if the proposed improvements were economically feasible and coordinated with the City of Miami to determine the proposed improvements to be implemented. The streets were reconfigured from an existing two lane paved section with parallel parking to a two-lane paved section with parallel parking along both sides of the street. The construction of limited curb and gutter, planting areas, bulb outs, and sidewalks are part of this project.						
(1) TITLE AND LOCATION (City and State) U.S. Federal Courthouse - Federal GSA (Miami, Florida)	(2) YEAR COMPLETED <table border="1"> <tr> <th>PROFESSIONAL SERVICES</th> <th>CONSTRUCTION (If applicable)</th> </tr> <tr> <td>1999</td> <td>2000</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	1999	2000
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
1999	2000					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm m. Project Engineer for the civil design services required for the proposed Miami Federal Courthouse. The civil engineering services include: the paving layout and design, the drainage/site design, the coordination of the utilities, the provision of new utility services, the preparation of a demolition plan, the closure of a street which presently runs down the middle of the property, the coordination required for the abandonment of a 60" sewer force main, and the coordination for the proposed Metrorail tunnel which passes below the site.						

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Keith B. Jackson, P.E.	Senior Engineer	a. TOTAL	b. WITH CURRENT FIRM
		37	25

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, Association of Eminent Domain, Professionals, Member, American Public Works Association, Member

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
13th Street & 11th Street – Port of Palm Beach (Riviera Beach, Florida)	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2005	2005

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

☒ Check if project performed with current firm

a. Prepare conceptual and detailed roadway plans for the construction of 11th and 13th Streets for a "Gateway Entrance" to serve the recently completed Port of Palm Beach Cruise Terminal. The project was divided into two phases with 11th Street, the main port cruise entrance, completed in 2002 and Phase II, the 13th Street Section, completed in March of 2005.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Town Engineer of Lake Clarke Shores (Lake Clarke Shores, Florida)	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

b. Town Engineer for the Town of Lake Clarke Shoes. Some of the projects included a Town wide Traffic Calming Plan, the preparation and presentation of an analysis that compared Gravity Sewer Collection vs. a Low Pressure Sewer System vs. a Vacuum System. The presentation included a cost analysis, prepared sketches, PowerPoint presentation, and an extensive question and answer period for a public forum with over 300 residents in attendance. Other duties include: Town-wide storm drainage analysis, determine pipe sizes and system improvements revisions and civil design responsibility for three parks within the Town limits.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Master Road Access Plan No. 1 (R-1) and Phase II Road Paving Plan (R-2) (Indian Trail Improvement District, Florida)	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2003	2003

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

☒ Check if project performed with current firm

c. Responsible for the creation of a plan to improve over 28 miles of roadway and a report that defined and explained the intent of the road paving plan, known as the R-2 Paving Plan. The report described the existing conditions, the proposed improvements with associated cost estimates, and the implementation and breakdown of financial obligations. The proposed improvements included the paving of over 28 miles of roadway, road easement improvements, drainage improvements, and the relocation of aboveground utilities. The intention to improve the roads was to benefit landowners by giving them the accessibility to a paved road within approximately 0.5 mile of their property. Also implemented the majority of the roadway improvements outlined in the Roadway Plan of Improvement, known as the R-1 Paving Plan, which was previously adopted by the District. This included approximately 25 miles of paving, drainage, and utility improvements.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Orange Grove and Persimmon Blvd. Traffic Calming Improvements (Indian Trail Improvement District, Florida)	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2009	2009

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

☒ Check if project performed with current firm

Coordinated with Palm Beach County, Indian Trail Improvement District, and the contractors to design and construct traffic calming features for Orange Grove Boulevard and Persimmon Boulevard. Four plateau intersections and traffic circles at 2 canal crossings were designed. The improvements to Orange Grove Boulevard and Persimmon Boulevard were due to the connections to the State Road 7 Extension (Acreage Reliever Road).

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
e. Palm Beach Community College Eissey Campus Bus Stop and Turn Lane Project (West Palm Beach, Florida)	2007	2007

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

Designed a bus stop and road turning lanes on the west side of the campus. The bus stop accommodates two buses of commuters. The turn lanes on Perimeter Road and the connection to Campus Drive are approximately 600 feet in length. They facilitate movement of traffic and provide more room for stacking of vehicles. Drainage adjustments are required and a permit is needed from the City of Palm Beach Gardens for work in the road right-of-way. Performed construction administration services including bidding, construction observations and coordination and final completion certifications.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
f. Palm Beach Atlantic University – Warren Library and Lassiter Rotunda (West Palm Beach, Florida)	2009	2009

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

Assisted National Architect, Leo A. Daly and Associates, on the \$20 million Warren Library Expansion and Lassiter Rotunda Project. Work included coordination, design, permitting, and construction administration for the sites civil improvements associated with this building and surrounding streets, sidewalks, open areas and paved surfaces.

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

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

g. Continuing contract with the South Florida Fair and Palm Beach County Exposition, Inc. to perform civil engineering and surveying services for all the fairground property. Assignments have included master planning of Yesteryear Village, Skyride sitting and permitting, midway layouts, and archway gate renovation. Provided design and permitting for the construction of a ± 65,000 SF new expo hall adjacent to the existing facility. Design features included midway planning, event parking, and pedestrian movement, relocation of water, sewer, and utility features, and the location of Lake Florida, the Fair's state shaped lake.

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 Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 12	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION (City and State) Engenuity Group, Inc. (West Palm Beach, Florida)
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16. EDUCATION (DEGREE AND SPECIALIZATION) B.S., Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida/ Civil Engineering
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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
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19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Capital Improvements Projects Program Manager (Palm Beach, Florida)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm	
a. Worked with the Town as their Program Manager overseeing five design consultants, schedule, budget and all aspects of a \$41 Million Capital Improvement Program to upgrade the underground utilities for water, sewer and stormwater.	

(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 <input type="checkbox"/> Check if project performed with current firm	
b. 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) RC-4 Canal Water Quality Improvements (Riviera Beach, Florida)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) 2013

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm	
c. Consisted of the design of a nutrient separating baffle box at the downstream end of the RC-4 Canal to improve the quality of the storm water that discharges from the RC-4 Canal into the Lake Worth Lagoon. Responsibilities included design, permitting and construction services. Permitting included obtaining a No-Notice Permit from SFWMD and approval from the City of Riviera Beach's City Engineer.	

(1) TITLE AND LOCATION (City and State) Hydraulic Model Analysis (West Palm Beach, Florida)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION (If applicable) N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm	
d. Involved water distribution analysis of entire system for the City of West Palm Beach. Tasks involved verifying water distribution system layout compared to available as-built plans. Also responsible for researching other sources of information pertaining to the City's water system as well as using engineering judgment.	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Maryori Velasco	13. ROLE IN THIS CONTRACT Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 10	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., Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers (ASCE) Society of Hispanic Professional Engineers (SHPE) Student Chapter Member			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Lakewood Rd Sidewalk Improvements & Expansion (Palm Springs, FL):	2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm 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.		
b.	Bridge Rd Box Culvert Replacement (Hobe Sound, FL):	2017-2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Ms. Velasco is the project manager providing all civil engineering responsibilities including design and permitting for the replacement of the existing 8 foot by 10 foot box culvert located across Bridge Road.		
c.	Palm Springs Lift Station Rehabilitation (Palm Springs, FL):	2014	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engenuity Group, Inc. worked with the Village of Palm Springs Public Services Department to rehabilitate 4 of their 65 owned and operated lift stations which were slated to be renovated in the 2017 fiscal year. Engenuity Group, Inc. prepared a Topographic Survey of the site, performed preliminary investigation and site plan design, prepared construction documents, submitted permit applications, and provided bidding assistance, construction observation, and construction contract administration. The lift stations are identified as PS-02 (Woodlands), PS-06 (Fountainview), PS-08 (Mediterranean), and PS-14 (Pretty).		
d.	4280 Lakewood Apartments (Palm Springs, FL):	2017	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		

The Village of Palm Springs is adding new multifamily apartment buildings with 96 living units and on-site parking near Lake Worth Road and Military Trail.

Ms. Velasco preformed professional due diligence civil engineering services in the development of the 4.93 acre lot. She produced drainage, grading, paving, and wastewater plans as well as submitting associated permits for the project to agencies such as the South Florida Water Management District, the Lake Worth Drainage District, and the Palm Beach County Health Department.

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 Quality Control Manager	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 21
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	

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
 Received 2002 "Giraffe Award" from the Palm Beach County Women's Chamber of Commerce
 Received 2010 "Top Women Business Leaders" in South Florida from South Florida Business Leader Magazine
 Received 2010 South Florida Business Leader "Women Extraordinaire" Award

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Town of Ocean Ridge – Town Engineer (Ocean Ridge, Florida)	On-going	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Serves as Town Engineer from 2000- Present		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	Indian Trail Improvement District – District Engineer (Palm Beach County, Florida)	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Served as District Engineer responsible for the works of the District. Consulted and advised the Board of Supervisors and assisted staff on all engineering matters.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	City of Boynton Beach – Boardwalk (Boynton Beach, Florida)	2005	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Value Engineering included the research of many boardwalk planking materials. Important factors associated with the selection of material included safety, longevity, and price.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		

(1) TITLE AND LOCATION (City and State) Water Control Plans / Plans of Reclamation (Florida)	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="979 163 1214 226">PROFESSIONAL SERVICES 2010</td> <td data-bbox="1222 163 1507 226">CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2010	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2010	CONSTRUCTION (If applicable) N/A			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepared water control plans relating to Chapter 298, Florida Statutes. This includes improvements related to roadways, parks, paving, grading, drainage, water and wastewater systems. Cost estimates, financial alternatives, maintenance obligations, and cost/benefit analysis were also addressed. Expert testimony experience and benefit analysis for approving plans and funding included (1) Indian Trail Improvement District Phase II Road Paving Plan - 28 miles, \$15.7 million, (2) Indian Trail Improvement District Unit of Development No. 17 - Paving, grading, drainage, water and wastewater, \$13.8 million, (3) Indian Trail Improvement District Unit RC Recreation - 7 parks, \$1.8 million, and (4) Design of a Pollution Load Reduction system for the Town of Ocean Ridge which received \$900,000 in Lake Worth Lagoon Grants and \$350,000 in a Federal 319 Grant.				
(1) TITLE AND LOCATION (City and State) Environmental Engineering (Florida)	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="979 590 1214 653">PROFESSIONAL SERVICES 2010</td> <td data-bbox="1222 590 1507 653">CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2010	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2010	CONSTRUCTION (If applicable) N/A			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design, calculations, studies, reports, plans, permitting and construction observation services for projects located within Monroe, Broward and Palm Beach Counties. Projects included environmentally sensitive areas, dredge and fill, mitigation, revitalization and wetland creation, stormwater management, and flood control. Projects/plans included: (1) Key West Fairways, a 388 Unit of Development within Key West Golf Course, Stock Island, (2) Triploid Grass Carp project for Indian Trail Improvement District, (3) Evaluation of Phosphorus levels in the M-1 Basin of Indian Trial Improvement District, and (4) Speaker of Flo-Sun's "Truth Squad" regarding the 1947 Central and South Florida Flood Control Project and Sugar Industries proposed one cent sales tax.				
(1) TITLE AND LOCATION (City and State) Village of Palm Springs- Village Engineer (Palm Springs, Florida)	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="979 982 1214 1045">PROFESSIONAL SERVICES On-going</td> <td data-bbox="1222 982 1507 1045">CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable) N/A			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 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. Current projects include sewer system design in Griffin Square and on the Babbsco property as well as preliminary design of Foxtail Palms Park.				

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 Manager	14. YEARS EXPERIENCE a. TOTAL 12	b. WITH CURRENT FIRM 7
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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.	City of Margate (Margate, Florida)	Ongoing	N/A
	<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>Ms. Malin was responsible for conducting a topographic route survey of Southgate Boulevard and Rock Island Road.</p>		
b.	City of Palm Beach Gardens (Palm Beach Gardens, Florida)	Ongoing	Ongoing
	<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>Ms. Malin was responsible for conducting topographic surveys, and tree surveys for various locations throughout the City of Palm Beach Gardens.</p>		
c.	Town of Lake Clark Shores (Lake Clark Shores, FL)	Ongoing	Ongoing
	<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>Ms. Malin was responsible for conducting a stake and grade utility easement on Mango Circle.</p>		
d.	Town of Ocean Ridge (Ocean Ridge, FL)	Ongoing	Ongoing
	<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>Engenuity Group, Inc. has had a continuing contract with the Town of Ocean Ridge for the past 15 years. Ms. Malin was responsible for topographic and boundary surveys for various locations throughout the Town. She was also responsible for conducting right-of-way and alleyway improvements.</p>		
e.	Village of Wellington (Wellington, FL)	2008	N/A
	<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm</p> <p>Engenuity has had a continuing contract with the Village of Wellington since 1999. Ms. Malin is responsible for conducting topographic surveys for various locations throughout the Village.</p>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME John Rice, PSM	13. ROLE IN THIS CONTRACT Project Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) Engenuity Group, Inc. (West Palm Beach, Florida)			
16. EDUCATION (DEGREE AND SPECIALIZATION) High School Diploma		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida Surveying & Mapping LS#4506	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) FEMA, ELOMA Qualified			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Century Village (Pembroke Pines, Florida)	2015	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <ul style="list-style-type: none"> Boundary Survey of Flamingo Lakes Golf Course 		
b.	Village of Palm Springs (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 <ul style="list-style-type: none"> Preston Square Plat Review Chase Bank Plat Review Boundary Survey of Haverhill Court Lift Station Boundary Survey of Florida Mango Lift Station Boundary Survey of Woodhaven Lift Station Boundary Survey of Waterside Lift Station 		
c.	Village of Wellington (Wellington, 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 <ul style="list-style-type: none"> Home Away From Home Plat Review Doble A Farms Plat Review 		
d.	Westlake Plat Reviews (Westlake, 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 <ul style="list-style-type: none"> Town Center Parkway North Packing House 		
e.	Westgate CRA (West Palm Beach, 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 <ul style="list-style-type: none"> Sketch & Description 		
f.	City of Lake Worth (Lake Worth, Florida)	2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <ul style="list-style-type: none"> Lake Osborne Presbyterian Church Sketch & Description 		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

<div>12. NAME</div> <div>Gary M. Rayman, P.S.M.</div>	<div>13. ROLE IN THIS CONTRACT</div> <div>Plat Prep</div>	<div>14. YEARS EXPERIENCE</div> <table><tr><td><div>a. TOTAL</div><div>42</div></td><td><div>b. WITH CURRENT FIRM</div><div>35</div></td></tr></table>		<div>a. TOTAL</div> <div>42</div>	<div>b. WITH CURRENT FIRM</div> <div>35</div>
<div>a. TOTAL</div> <div>42</div>	<div>b. WITH CURRENT FIRM</div> <div>35</div>				

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

16. EDUCATION (DEGREE AND SPECIALIZATION) Land Surveyor, Queens College	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida/Surveying and Mapping
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) My Rayman brings over 40 years experience to the firm including many port facilities, marine projects, large aerial surveys and other construction related surveys.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Town of Ocean Ridge (Ocean Ridge, FL)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Provided plat preparation services for various locations throughout the Town of Ocean Ridge.		
Corbett Wildlife Area (L-8 Marsh) (Palm Beach County, FL)	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Topographic surveys were completed to facilitate an environmental study of the 6,000 acre area.		
Beer Can/Spoil Island, Intracoastal Waterway (Boynton Beach, FL)	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Prepared a detailed hydrographic and topographic survey. Determination of mean high water lines and other tidal data within the Intracoastal water for several marinas, and location of sovereign lands. This was a difficult area to work as it constantly obtained heavy wave and tidal action from boat traffic.		
Village of Palm Springs (Palm Springs, FL)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Provided plat preparation services for various locations throughout the Village of Palm Springs.		
St. Lucie Inlet (Martin County, FL)	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Mr. Rayman provided survey data collection for the permitting of maintenance dredging of the Inlet.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Joseph Williams	13. ROLE IN THIS CONTRACT Project Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 11	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) High School		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Palm Beach County (Palm Beach County, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Responsibilities included topographic surveying for design of the Water Utilities Department watermain improvements.		
b.	(1) TITLE AND LOCATION (City and State) Village of Wellington (Wellington, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Mr. Williams was responsible for providing topographic surveying for various locations throughout the Village of Wellington. He also provided underground utility locating for replacement of a watermain.		
c.	(1) TITLE AND LOCATION (City and State) City of West Palm Beach (West Palm Beach, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 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. Williams was responsible for topographic, boundary, and hydrographic surveying for various locations within the City of West Palm Beach. He also performed specific purpose surveying and bathymetric surveying for environmental analyses for waterfront facilities.		
d.	(1) TITLE AND LOCATION (City and State) City of Riviera Beach (Riviera Beach, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Responsibilities included sketching and descriptions for access easements for the utility plant, and topographic surveying for various locations throughout the City of Riviera Beach.		
e.	(1) TITLE AND LOCATION (City and State) City of Greenacres (Greenacres, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Responsibilities included original section drainage improvements, boundary and topographic surveying of Buttonwood Plaza.		

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 Quality Control Manager	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 26

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)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a. City of Margate (Margate, 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. Rayman was responsible for a topographic route survey of Southgate Boulevard and Rock Island Road.		
b. City of Hollywood (Hollywood, 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. Rayman was responsible for a topographic route survey of Johnson Street.		
c. Town of Lake Clarke Shores (Lake Clark Shores, FL)	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. Rayman was responsible for conducting topographic and boundary surveys, and reviewing plats. He was involved in the topographic survey for the cross sections of LWDD Canal for City Park, GIS mapping, a sanitary sewer expansion project, and a stake and grade project.		
d. Town of Ocean Ridge (Ocean Ridge, FL)	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 Responsibilities included various base map projects for stormwater design, review of plats, topographic and boundary surveys.		
e. Village of North Palm Beach Continuing Contract (North Palm Beach, FL)	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. Rayman conducted topographic and boundary surveys, plat reviews, basemaps, created sketch and descriptions for easements, drainage system mapping, and GIS coordination for various projects throughout the County.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Derek G. Zeman, PSM, PLS		13. ROLE IN THIS CONTRACT Survey / SUE Manager		14. YEARS EXPERIENCE	
				a. TOTAL 31	b. WITH CURRENT FIRM <1
15. FIRM NAME AND LOCATION (City and State) DRMP, Inc. (Boca Raton, Florida)					
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Surveyor/Mapper, Florida No. LS5655, 1996			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Professional Affiliation: Florida Surveying and Mapping Society; National Society of Professional Surveyors; Software Aptitude: MicroStation, GEOPAK, AutoCAD Civil 3D					
19. RELEVANT PROJECTS					
(1) TITLE AND LOCATION (City and State) Coral Ridge Drive, FDOT District Four, Broward County, Florida		(2) YEAR COMPLETED			
		PROFESSIONAL SERVICES 2018		CONSTRUCTION (If applicable)	
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE a. Survey and SUE Manager. Provided design survey services for the widening, milling and resurfacing of the existing off-system 4-lane divided highway from Southgate Boulevard to Holmberg Road, approximately 5.5 miles within the City of Coral Springs. The project consisted of widening the road to add buffered bike lanes, adding sidewalk at gap locations, performing drainage upgrades, providing signing and pavement markings and improving substandard ADA elements. In addition, this project will upgrade existing intersection signals to mast arms at West Atlantic Boulevard, Royal Palm Boulevard, West Sample Road, Wiles Road, Westview Drive and Sawgrass Expressway. This project included subsurface utility engineering (SUE), vacuum excavation test-holes, and land surveying. Project Cost: \$453,190		<input checked="" type="checkbox"/> Check if project performed with current firm			
(1) TITLE AND LOCATION (City and State) University Drive, FDOT District Four, Broward County, Florida		(2) YEAR COMPLETED			
		PROFESSIONAL SERVICES 2018		CONSTRUCTION (If applicable)	
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE b. SUE Leader and Project Surveyor. Provided design survey services for the reconstructing/widening/milling and resurfacing of the existing suburban 4-lane divided highway to a 6-lane divided urban highway from just south of Cardinal Road/NW 40th Street to the Sawgrass Expressway/SR 869, approximately 1.6-miles within the City of Coral Springs. Project included subsurface utility engineering (SUE) (utility designating and vacuum excavation test holes) and land surveying (location and mapping of utilities and test holes). Project Cost: \$271,900		<input checked="" type="checkbox"/> Check if project performed with current firm			
(1) TITLE AND LOCATION (City and State) Florida Power & Light Substations-Continuing Contract, FPL, Broward, Miami-Dade, Palm Beach, FL		(2) YEAR COMPLETED			
		PROFESSIONAL SERVICES Ongoing		CONSTRUCTION (If applicable)	
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE c. Survey and SUE Manager. Provides subsurface utility designating including ground penetrating radar (GPR) and electromagnetic detection at FPL Substations throughout South Florida. DRMP was awarded this contract as we were uniquely qualified in providing subsurface utility engineering (SUE) and surveying services within the extremely critical environment of high voltage substations. Project Cost: Per Task Work Order.		<input checked="" type="checkbox"/> Check if project performed with current firm			
(1) TITLE AND LOCATION (City and State) City of West Palm Beach Lift Station 75, Palm Beach County, FL		(2) YEAR COMPLETED			
		PROFESSIONAL SERVICES 2018		CONSTRUCTION (If applicable)	
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE d. SUE Manager. Provided subsurface utility engineering (SUE) for the redesign of existing Lift Station #75. Specific tasks included coordination with the client and City of West Palm Beach (research and review existing as-builts and video information); subsurface utility designation engineering; provided test holes on two existing utilities to verify size and type; and survey all designated utilities, test holes, and existing improvements. A survey and CAD file was prepared and certified for use of new design. Project Cost: \$4,000		<input checked="" type="checkbox"/> Check if project performed with current firm			
(1) TITLE AND LOCATION (City and State) Manatee Heater Directional Drill, Dania Beach, Florida		(2) YEAR COMPLETED			
		PROFESSIONAL SERVICES 2018		CONSTRUCTION (If applicable)	
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE e. Survey and SUE Manager. Provided subsurface utility engineering (SUE) designation for the marking of approximately 2,500' of proposed location of a directionally drilled cooling pipeline being constructed at the Florida Power & Light (FPL) Dania Beach Power Plant. Electromagnetic instrumentation was utilized for all "tone able" utilities and ground penetrating radar (GPR) was used to "sweep" the area for other unknown utilities. All utilities were field located and provided to client as a "Google Earth" deliverable. Project Cost: \$5,130		<input checked="" type="checkbox"/> Check if project performed with current firm			

STANDARD FORM 330 (REV. 3/2013)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Rufus Swift	13. ROLE IN THIS CONTRACT SUE Supervisor	14. YEARS EXPERIENCE	
		a. TOTAL 19	b. WITH CURRENT FIRM <1

15. FIRM NAME AND LOCATION (City and State)

DRMP, Inc. (Boca Raton, Florida)

16. EDUCATION (DEGREE AND SPECIALIZATION)

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

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

Certification: CSX e-RAILSAFE System Badge; CSX Roadway Worker Certification; FDOT Maintenance of Traffic; OSHA 10-Hour Safety Training; OSHA 1910.146 Permitted Confined Space; Staking University Electromagnetic; Locating Certification, #WA347; Utility Training Academy – Certified; Professional Utility Locator

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Coral Ridge Drive, FDOT District Four, Broward County, Florida	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
a. (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SUE Supervisor. Provided subsurface utility engineering (SUE) designation for the widening, milling and resurfacing of the existing off-system 4-lane divided highway from Southgate Boulevard to Holmberg Road, approximately 5.5 miles within the City of Coral Springs. The project consisted of widening the road to add buffered bike lanes, adding sidewalk at gap locations, providing signing and pavement markings. In addition, this project will upgrade existing intersection signals to mast arms at West Atlantic Boulevard, Royal Palm Boulevard, West Sample Road, Wiles Road, Westview Drive and Sawgrass Expressway. This project included subsurface utility engineering (SUE), vacuum excavation test-holes, and land surveying. Project Cost: \$453,190		
University Drive, FDOT District Four, Broward County, Florida	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
b. (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SUE Supervisor. Provided subsurface utility engineering (SUE) designation for the reconstructing/widening/milling and resurfacing of the existing suburban 4-lane divided highway to a 6-lane divided urban highway from just south of Cardinal Road/NW 40th Street to the Sawgrass Expressway/SR 869, approximately 1.6-miles within the City of Coral Springs. Project included subsurface utility engineering (SUE) (utility designating and vacuum excavation test holes) and land surveying (location and mapping of utilities and test holes). Project Cost: \$271,900		
Florida Power & Light Substations-Continuing Contract, FPL, Broward, Miami-Dade, Palm Beach, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
c. (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SUE Supervisor. Provided subsurface utility engineering (SUE) designating including ground penetrating radar (GPR) and electromagnetic detection at FPL Substations throughout South Florida. DRMP was awarded this contract as we were uniquely qualified in providing subsurface utility engineering (SUE) and surveying services within the extremely critical environment of high voltage substations. Project Cost: Per Task Work Order.		
City of West Palm Beach Lift Station 75, Palm Beach County, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
d. (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SUE Supervisor. Provided subsurface utility engineering (SUE) for the redesign of existing Lift Station #75. Specific tasks included coordination with the client and City of West Palm Beach (research and review existing as-builts and video information); subsurface utility designation engineering; provided test holes on two existing utilities to verify size and type; and survey all designated utilities, test holes, and existing improvements. A survey and CAD file was prepared and certified for use of new design. Project Cost: \$4,000		
Manatee Heater Directional Drill, Dania Beach, Florida	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
e. (3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SUE Supervisor. Provided subsurface utility engineering (SUE) designation for the marking of 2,500' of proposed location of a directionally drilled cooling pipeline being constructed at the Florida Power & Light (FPL) Dania Beach Power Plant. Electromagnetic instrumentation was utilized for all "tone able" utilities and ground penetrating radar (GPR) was used to "sweep" the area for other unknown utilities. All utilities were field located and provided to client as a "Google Earth" deliverable. Project Cost: \$5,130		

STANDARD FORM 330 (REV. 3/2013)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Michael Landis Downs		13. ROLE IN THIS CONTRACT SUE/Survey Technician		14. YEARS EXPERIENCE	
				a. TOTAL 7	b. WITH CURRENT FIRM <1
15. FIRM NAME AND LOCATION (City and State) DRMP, Inc. (Boca Raton, Florida)					
16. EDUCATION (DEGREE AND SPECIALIZATION)			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Certifications: FDOT Intermediate MOT; Software Aptitude: AutoCAD, MicroStation, Electronic Field Book, ArcGIS, Carlson Survey Data Collection					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Coral Ridge Drive, FDOT District Four, Broward County, Florida		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. SUE/Survey Technician. DRMP provided design survey services for the widening, milling and resurfacing of the existing off-system 4-lane divided highway from Southgate Boulevard to Holmberg Road, approximately 5.5 miles within the City of Coral Springs. The project consisted of widening the road to add buffered bike lanes, adding sidewalk at gap locations, performing drainage upgrades, providing signing and pavement markings and improving substandard ADA elements. In addition, this project will upgrade existing intersection signals to mast arms at W Atlantic Blvd., Royal Palm Blvd., West Sample Rd., Wiles Rd., Westview Dr. and Sawgrass Expressway. This project included subsurface utility engineering (SUE), vacuum excavation test-holes, and land surveying. Project Cost: \$453,190			
(1) TITLE AND LOCATION (City and State) University Drive, FDOT District Four, Broward County, Florida		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. SUE/Survey Technician. DRMP provided design survey services for the reconstructing/widening/milling and resurfacing of the existing suburban 4-lane divided highway to a 6-lane divided urban highway from just south of Cardinal Rd./NW 40th St. to the Sawgrass Expressway, approximately 1.6-miles within the City of Coral Springs. Project included subsurface utility engineering (SUE) (utility designating and vacuum excavation test holes) and land surveying (location and mapping of utilities and test holes). Project Cost: \$271,900			
(1) TITLE AND LOCATION (City and State) Florida Power & Light Substations-Continuing Contract, FPL, Broward, Miami-Dade, Palm Beach, FL		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. SUE/Survey Technician. DRMP provides subsurface utility designating including ground penetrating radar (GPR) and electromagnetic detection at FPL Substations throughout South Florida. DRMP was awarded this contract as we were uniquely qualified in providing subsurface utility engineering (SUE) and surveying services within the extremely critical environment of high voltage substations. Project Cost: Per Task Work Order.			
(1) TITLE AND LOCATION (City and State) City of West Palm Beach Lift Station 75, Palm Beach County, FL		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. SUE/Survey Technician. DRMP provided subsurface utility engineering (SUE) for the redesign of existing Lift Station #75. Specific tasks included coordination with the client and City of West Palm Beach (research and review existing as-builts and video information); subsurface utility designation engineering; provided test holes on two existing utilities to verify size and type; and survey all designated utilities, test holes, and existing improvements. A survey and CAD file was prepared and certified for use of new design. Project Cost: \$4,000			
(1) TITLE AND LOCATION (City and State) Manatee Heater Directional Drill, Dania Beach, Florida		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm e. SUE/Survey Technician. DRMP provided subsurface utility engineering (SUE) designation for the marking of approximately 2,500' of proposed location of a directionally drilled cooling pipeline being constructed at the Florida Power & Light (FPL) Dania Beach Power Plant. Electromagnetic instrumentation was utilized for all "tone able" utilities and ground penetrating radar (GPR) was used to "sweep" the area for other unknown utilities. All utilities were field located and provided to client as a "Google Earth" deliverable. Project Cost: \$5,130			

STANDARD FORM 330 (REV. 3/2013)

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

12. NAME R. Trent Ebersole, P.E.	13. ROLE IN THIS CONTRACT Senior Transportation Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 29	b. WITH CURRENT FIRM 16
15. FIRM NAME AND LOCATION <i>(City and State)</i> McMahon Associates, Inc., Doral, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Science - Environmental Engineering Bachelor of Science - Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL, VA – Professional Engineer	

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

R. Trent Ebersole, P.E., has experience in transportation planning and traffic engineering for private and public sector clients, since 1989. He has provided comprehensive transportation consulting services for private sector clients in support of local and state land development processes. Public sector clients include local jurisdictions, Metropolitan Planning Organizations, Planning District Commissions, the Florida Department of Transportation (FDOT), the Virginia Department of Transportation (VDOT), the Washington Metropolitan Area Transit Authority (WMATA), the Federal Highway Administration (FHWA), and the Army Corps of Engineers (ACOE). The diversity in clientele is complimented with diversity in project type.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	Transportation Consultant, West Palm Beach, Florida	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for continuing service, transportation consulting contracts since 2006. Assignments have included Design, Traffic Studies, Traffic Calming Projects, Transportation Planning and GIS. Key projects included Complete Streets Design of Cumberland Drive, Lake Avenue, and Flagler Drive.		
b.	Hillsboro Streetscape Project, City of Deerfield Beach, FL	2012	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engineer of Record for Local Area Program (LAP) roadway redesign project including landscaping, lighting enhancements and intersection capacity improvements.		
c.	City Traffic Consultant, City of Lauderhill, Lauderhill, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project manager for transportation engineering contract providing a full range of services including: roadway design (roundabouts), traffic impact study preparation and review, and signal warrant studies.		
d.	Traffic Engineer, Palm Beach Gardens, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Traffic engineering and roadway design services for the City Engineer, on task order basis. Tasks have included traffic signal design, roadway design, reviews of development applications, transit studies and Comp Plan Update.		
e.	Annual Services Traffic Signal Design, Palm Beach County, Palm Beach County, FL	2017	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Selected by Palm Beach County to provide county-wide traffic signal engineering services. Services included installation design, modification design, signal related intersection spot improvements and signal analysis.		

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

12. NAME Natalia T. Lercari, P.E.	13. ROLE IN THIS CONTRACT Senior Traffic Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 17	b. WITH CURRENT FIRM 15
15. FIRM NAME AND LOCATION <i>(City and State)</i> McMahon Associates, Inc., Doral, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science – Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL – Professional Engineer LEED Green Associate	

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

Natalia T. Lercari, P.E., has transportation engineering experience for both public and private sector clients, since 2001. Her transportation planning experience includes Transportation Element updates for several cities, travel demand forecasting for FDOT, and traffic impact studies/DRI studies, as well as interchange justification reports for various developer clients. She has conducted a wide range of traffic operational studies such as intersection interchange and corridor improvement studies; traffic signal warrant studies; signal retiming projects; safety studies and queuing analysis. Her current project management duties focus on municipal continuing service contracts. In this role, she manages the day-to-day activities, and individual task order assignments.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	Transportation Services, City of Fort Myers, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Study and plans review, study preparation, master plan studies, coordination with FDOT on State roadway projects, Citywide traffic calming plan, downtown traffic control plan, and Citywide speed limit study, and design services.		
b.	D/W Traffic Operations Safety Studies Consultant, FDOT D6, Miami, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Task order based contract for traffic studies, including safety studies; qualitative assessments; signal warrant analyses; intersection analyses; arterial analyses; left-turn phase warrant analyses; supplemental tasks; and fatal crash reviews.		
c.	Bicycle Master Plan, West Palm Beach, FL	2018	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Citywide Bicycle Master Plan. Efforts included extensive public outreach and agency coordination, preparing maps depicting the future bicycle network, recommending typical sections, planning level cost estimates, and prioritization of improvement projects.		
d.	Key Corridors Evaluation, Bonita Springs, FL	2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Complete Streets study for each of the City's key roadways. Evaluated the addition of roadway linkage that would enhance the City's transportation network. Study included identification and prioritization of improvement projects.		
e.	Continuing Contract for Transportation Services, Tamarac, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for consulting services for transportation planning and engineering. Tasks include intersection/roadway capacity analysis, traffic calming, multi-modal transportation planning, and Complete Streets Planning/Design (LAP).		

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

12. NAME J. David Hill	13. ROLE IN THIS CONTRACT Senior Transportation Designer	14. YEARS EXPERIENCE	
		a. TOTAL 31	b. WITH CURRENT FIRM 12
15. FIRM NAME AND LOCATION <i>(City and State)</i> McMahon Associates, Inc., Doral, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Associates in Science Associates in Arts		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	

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

J. David Hill has experience in survey, CADD and roadway design since 1987. Early in his career he served as a survey rod and instrument person for right-of-way, utility, roadway design, construction staking and as-built surveys. Following that he worked as a CADD technician on both site/civil and transportation projects and then focused primarily on transportation design. As a transportation designer, his experience includes pavement design and typical section packages, horizontal and vertical alignment, cross sections and earthwork, digital terrain modeling, signing and pavement marking, and maintenance of traffic primarily on state DOT projects. The types of projects he has worked on include PD&E and planning studies, minor projects and intersection improvements, both metric and English unit resurfacing and reconstruction projects, and pathway, design build and water resource projects. He has also served as an office CADD coordinator and CADD system administrator and has a sound working knowledge of MicroStation.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	NW 31st Avenue, from NW 39th St to NW 44th St, Lauderdale Lakes, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Designer: Complete Streets project to provide missing sidewalk to enhance access to transit stops. Included typical section packages, roadway reconstruction, signing & pavement marking and signalization modifications.		
b.	CR-510/SR-510 at SR-5/US-1, Indian River County, FL	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project manager: Permitted through FDOT, D4. Project included reconstruction of the CR/SR-510 at US-1 intersection to add turn lanes and reconstruct CR-510 from a two-lane, undivided facility to a four-lane divided facility.		
c.	SR-808/Glades Road 3R Milling & Resurfacing, FDOT District 4, FL	2012	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Designer: Pavement rehabilitation and upgrades. Upgrades to the signalized intersections, ADA improvements, and coordination with Palm Tran on bus stop concerns and signing and marking upgrades.		
d.	W. Atlantic Avenue at Sims Road, Delray Beach, FL	2017	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Designer: Prepared traffic signal plans for the intersection of W. Atlantic Avenue at Sims Road. Coordinated Survey, Geotechnical and SUE, and with the County and utility owners. Mast arm design to FDOT standards.		
e.	41st Street at US-1 and Dixie Highway, Indian River County, FL	2017	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepared traffic signal modification plans at two intersections to supplement turn lane improvements. Coordinated with the County, FDOT, FEC RR, Civil Firm and utility owners.		

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

12. NAME William A. Grieve, P.E.	13. ROLE IN THIS CONTRACT Senior Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 23	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION <i>(City and State)</i> McMahon Associates, Inc., Doral, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science – Civil Engineering Associate of Arts – Engineering Certificate of Drafting and Project Management		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL – Professional Engineer	

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

William Grieve, P.E., has experience in Civil Engineering in the State of Florida since 1995. Professional engineering work in the design, management, permitting, construction services, contract administration, and engineering cost estimates. The types of projects he has worked on include water mains, wastewater mains, roadway, parking lot, traffic calming, and storm water projects. His background includes Assistant City Engineer for the City of Delray Beach for 15 years. His focus at the City was primarily in house-design and project management. Most recently Mr. Grieve completed a 12-week Project Management Certificate Program at Florida Atlantic University.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	Rainberry Woods Neighborhood Traffic Calming, Delray Beach, FL	2013	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager/Lead Designer: Roadway design, cross sections, and signing & pavement marking plans, summary of quantities, utility coordination, permitting and contract documents.		
b.	CRA Parking Lot, City of Delray Beach, Delray Beach, FL	2012	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Responsible for the design, construction services, specifications and contract documents, and contract administration for a parking lot that included approximately 40 linear feet of exfiltration trench and two (2) drainage structures.		
c.	Block 32 Alley Improvements, City of Delray Beach, FL	2015	2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Design, permitting, construction services, specifications and contract documents, contract administration and cost estimates for roadway construction, including water main, sanitary sewer main, drainage for a City neighborhood.		
d.	Chatelaine Neighborhood Traffic Calming, Delray Beach, FL	2013	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Design, permitting, construction services, specifications and contract documents, contract administration and cost estimates for traffic calming in the neighborhood. Included a roundabout, speed tables and chicanes.		
e.	Lime Lane Road Construction, Delray Beach, FL	2014	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager: Responsible for the design, construction services, specifications and contract documents, contract administration and cost estimates for roadway construction and drainage improvements for the commercial area.		

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

12. NAME Alan Mrvica, P.E.	13. ROLE IN THIS CONTRACT Traffic Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 13	b. WITH CURRENT FIRM 13
15. FIRM NAME AND LOCATION <i>(City and State)</i> McMahon Associates, Inc., Doral, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science – Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL – Professional Engineer	

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

Alan Mrvica, P.E. has experience in transportation engineering, for both public and private sector clients, since 2006. He applies his transportation engineering knowledge in micro and macro-simulation modeling; traffic operational analysis; traffic impact studies; Development of Regional Impact (DRI) studies; Intersection Justification Report (IJR) studies; safety studies; qualitative assessment studies; crash analyses; intersection capacity analyses; and traffic signal warrant studies. He provides on-site traffic operations services for District Four of the Florida Department of Transportation (FDOT) that includes the preparation of various traffic operations analysis, review of traffic operations studies, plans review, data collection, and preparation of traffic control device installation work orders for contractors. Mr. Mrvica also has attended various meetings representing FDOT. His work for District Four also requires interaction with the citizenry, business owners and public agency representatives regarding traffic related concerns from the general public.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
a.	D/W Traffic Operations Studies Contract, FDOT D4, Fort Lauderdale, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Field reviews in preparation for analyses; data collection; reviews studies and roadway design plans; traffic signal operations evaluation using HCS and Synchro/SimTraffic. Represents FDOT at meetings with other governmental agencies.		
b.	D/W Traffic Operations Safety Studies Contract, FDOT D6, Miami, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engineer: Preparation of safety studies, qualitative assessments, signal warrant analysis, intersection analysis, arterial analysis, left-turn phase warrant analysis, fatal crash reviews, and benefit/cost analyses.		
c.	Intersection Justification Report, City of North Port, FL	PROFESSIONAL SERVICES 2007	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Analyzed mainline and interchange ramps. Arterial system analyses of all intersections along the crossroads in the study area to ensure vehicle queues would not affect I-75 traffic flow.		
d.	Isles of Athena Development of Regional Impact, Sarasota, FL	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engineer: Traffic analyses and report, for this Development of Regional Impact (DRI), for approximately 13,000 residential units, three (3) million square feet of commercial development, and 1.2 million square feet of office space.		
e.	Sistrunk Boulevard Traffic Diversion Study, Fort Lauderdale, FL	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lane Reduction study for Sistrunk Boulevard, between NW 24th Avenue and Andrews Avenue. Conducted data collection, diversion analysis, and operational analysis for alternatives comparison.		

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

12. NAME Natalia Ramirez, AICP	13. ROLE IN THIS CONTRACT Transportation Planner	14. YEARS EXPERIENCE	
		a. TOTAL 7	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION <i>(City and State)</i> McMahon Associates, Inc., Doral, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Science – Urban Planning Bachelor of Science – Urban Planning		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> AICP – FL, 2017	

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

Natalia Ramirez, AICP has experience in transportation planning and traffic engineering. She worked with McMahon as an engineering intern since February 2009, assisting in the preparation of reports for speed, pedestrian crossing, vehicle classification, gap, crash, and signal warrant studies. She also assisted with field data collection. Her experience includes the disciplines of transportation planning, mechanical and manual data acquisition for different types of traffic studies, including speed, pedestrian crossing, vehicle classification, gap and volume. Natalia has demonstrated proficient use of software packages, such as AutoCAD, ArcGIS, QGIS, and GeoDA.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	Broadway (US-1) Lane Reduction Study, West Palm Beach, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Planner: Lane reduction study for Broadway from a four-lane, divided roadway to a two-lane, divided roadway to accommodate on-street parking and landscaping. Tasks involved data collection, analysis and public involvement.		
b.	Traffic Engineering Consultant, Tequesta, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Traffic Planner: Review of Traffic impact studies for conformance to Village standards. Review of site plans for traffic circulation and pedestrian connectivity. Evaluation of the parking section of the Village's Code of Ordinances.		
c.	Challenger/Winkler Intersection Safety Evaluation, Fort Myers, FL	2013	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Traffic Analyst: Safety studies including review of crash analysis, speed analysis and operational analysis with different traffic control measures. A roundabout concept plan was also prepared.		
d.	D/W Traffic Operations Studies Contract, FDOT D4, Fort Lauderdale, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm "In-house" traffic analysis services. Field reviews, preparing work orders; reviewing signage & pavement marking plans; preparing regulatory memorandums; and updating (GIS) data. Studies such as spot speed & pedestrian studies.		
e.	D/W Traffic Operations Safety Studies Consultant, FDOT D6, Miami, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Traffic Planner: Traffic studies and assessments, including, safety studies; qualitative assessments; signal warrant analyses; intersection analyses; arterial analyses; left-turn phase warrants; fatal crash reviews, and benefit/cost analysis.		

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

12. NAME Nishat Zaman	13. ROLE IN THIS CONTRACT Traffic Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 3	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION <i>(City and State)</i> McMahon Associates, Inc., Doral, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Science – Civil Engineering Bachelor of Science – Urban and Regional Planning		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> LEED Green Associate	

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

Nishat Zaman is a civil engineer with major in transportation engineering. She has experiences in transportation planning and traffic engineering. Nishat is primarily involved in roadway, lighting and traffic design projects. Nishat also has highway design experience working on FDOT projects. As a Research Assistant of FIU's Lehman Center for Transportation Research, Nishat was involved in the transportation planning field and worked on traffic management center (TMC) operations and management design. She served as the President of FIU ITE Student Chapter and during her leadership, the chapter was declared as the winner of two prestigious nationwide awards. Nishat also served as the Project Manager of the 2014 ITE Trip Generation and Parking Data Collection project funded by the ITE Headquarters, Washington, D.C.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Bike/Ped Master Plan, City of Bonita Springs, Fort Myers, FL		PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i>
a.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Traffic Engineer: Bicycle/pedestrian master plan preparation. Assisted with data collection, research, graphics design, cost estimates, project prioritization.		
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
NW 31st Avenue, from 39th St to NW 44th St, Lauderdale Lakes, Florida		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>
b.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepared several conceptual typical sections requested by the CRA. Assisted with roadway geometric design and signing and pavement marking design under the supervision of senior roadway design engineer.		
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
SW 107th Avenue and Snapper Creek Drive Qualitative Assessment, FDOT District-6, Miami-Dade County, FL		PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i>
c.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Conducted field visits to analyze existing design and operational condition of the intersection, provided assistance to the senior traffic engineer to conduct engineering analyses, and prepared report with feasible recommendations regarding improvements to traffic operation at the intersection.		
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
South Dixie Highway at Broad Channel Drive Qualitative Assessment, FDOT District-6, Miami-Dade County, FL		PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i>
d.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Evaluated whether a pedestrian signal or full signal is warranted at the intersection, assisted the senior traffic engineer to conduct and write an analytical report on district wide traffic operation studies qualitative assessment based on traffic volume, crash data etc.		
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
SW 107th Avenue at Horizon Condominium Signal Warrant Analysis, FDOT District-6, Miami-Dade County, FL		PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i>
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Evaluated whether a pedestrian signal is warranted at the intersection, assisted the senior traffic engineer with a signal warrant analysis based on the evaluation of nine (9) MUTCD warrants, conducted intersection inventory and crash analysis, and wrote the analytical report with recommendations under supervision of the senior traffic engineer.		

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

12. NAME William Smith	13. ROLE IN THIS CONTRACT Traffic Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 3	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION <i>(City and State)</i> McMahon Associates, Inc., Doral, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science – Industrial Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	

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

William Smith has spent four (4) summer internships giving him traffic and transportation engineering experience, including performing traffic counts, research, Synchro analysis, strain pole configuration analysis in Atlas, trip generation analysis, and link analysis. William has also utilized his experience in creating reports. He has utilized several different software programs to analyze the data, once data was collected. He has experience using software packages for transportation planning and traffic engineering, such as Synchro and Mathcad. He is proficient in the use of Microsoft Word, Excel and PowerPoint; SolidWorks, and Catia; knowledgeable in both Windows and Apple computers.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	Key Corridors Evaluation, Bonita Springs, FL	2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Complete Streets study for each of the City's key roadways. Evaluated the addition of roadway linkage that would enhance the City's transportation network. Study included identification and prioritization of improvement projects.		
b.	Strata Traffic Analysis, INVESCA, Plantation, FL	2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Traffic impact study that included field observations, data collection, preparing traffic analysis, and the report. Analysis included assisting in preparing trip generation, volume calculations, capacity analysis, and Synchro analysis.		
c.	Walmart Traffic Study Review, Post St. Lucie, FL	2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Responsibilities included transportation engineering services associated with a proposed development of a Walmart located along Port St. Lucie Boulevard near Darwin Boulevard, within the City of Port St. Lucie.		
d.	Transportation Consultant, West Palm Beach, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Assists with various traffic engineering work authorizations, involving data collection and analysis. Provided in-house support as an extension of City staff.		
e.	D/W Traffic Operations Safety Studies Consultant, FDOT D6, Miami, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Task order based contract for traffic studies, including safety studies; qualitative assessments; signal warrant analyses; intersection analyses; arterial analyses; left-turn phase warrant analyses; supplemental tasks; and fatal crash reviews.		

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

12. NAME Bin Zhang, E.I.	13. ROLE IN THIS CONTRACT Roadway Design Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 3	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION <i>(City and State)</i> McMahon Associates, Inc., Doral, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Science -- Geotechnical Engineering Master of Science -- Highway and Railway Engineering Bachelor of Science -- Transportation Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> E.I.	

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

Bin Zhang has a strong background in civil engineering. He received a bachelor's degree in Transportation Engineering, a master's degree in Highway & Railway Engineering and another master's degree in Geotechnical Engineering. He has design experience in signalization and S&PM. Bin is familiar with numerous design standards, such as municipality and county standards and extensive knowledge of FDOT Design Standards, FDOT Green Book and MUTCD.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	Broward County Highway and Bridge Maintenance Division, Broward County, FL	2017	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Design Engineer: Assisted with sidewalk and curb ramp improvement project for Broward County. Included more than 100 minor projects to improve all sidewalks and curb ramps belonging to the county.		
b.	NE 2nd Ave Segment D, from NE 69th St to NE 84th St, Miami-Dade, FL	2017	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Design Engineer: Design-build project for roadway and drainage improvements. Responsible for signalization design of six intersections. Involved in roadway design, S&PM design, drainage design and sign panel design.		
c.	NW 82nd Ave, from NW 27th Street to NW 33rd Street, Miami, FL	2017	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Roadway widening project including roadway design, signalization design, S&PM design and lighting design. Responsible for signalization design at NW 82nd Ave and NW 33rd Street, S&PM design for whole corridor.		
d.	SR-821/HEFT, from Sunset Dr to Bird Rd, Miami, FL	2017	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Highway widening project that included 8 signalization design and utility relocation. Assisted in signalization design for eight intersections.		
e.	W. Atlantic Avenue at Sims Road, Delray Beach, FL	2017	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepared traffic signal plans for the intersection of W. Atlantic Avenue at Sims Road. Coordinated Survey, Geotechnical and SUE, and with the County and utility owners under the supervision of the Senior Designer. Mast arm design to FDOT standards.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Steven Harrison, P.G.	13. ROLE IN THIS CONTRACT Environmental Lead/Contract Manager/Senior Geologist	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION (City and State)

Terracon Consultants, Inc. Fort Lauderdale, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)

M.S./Marine Geology and Geophysics, Emphasis: Geo-Chemistry
B.S/Geology

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Florida/Professional Geologist
Florida/Mold Assessor
Florida/Licensed Sales Associate

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

Certifications: 8- Hour Hazmat Health and Safety Training Updates
 40- Hour Hazmat Health and Safety Training
 Short Course: Assessing Environmental Risk in Property Transactions
 Short Course: How to Comply with Florida's Haz Waste Regulations for Generators

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Costco Warehouse site within the SoLe Mia development North Miami, FL a. Project Manager. Our environmental group provided essential assessment and construction oversight services in support of the preliminary investigation and development of the new Costco Warehouse site within the SoLe Mia development site on the former Munisport landfill. Terracon deployed a team of scientists, technicians and contractors to observed relocation and placement of landfill materials and assess soil and groundwater quality for constituents of concern within the development site. The results will be utilized as part of the conditional closure provided through Miami-Dade County Department of Regulatory and Economic Resources (RER) which will allow effective operation of the site without the expense of having to conduct remediation of impacted materials. Terracon has also designed and supervised the installation of the vapor mitigation system to be placed beneath the building and parking lot to control methane vapors from the former landfill. Firm's Fee: \$125,346	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. Environmental Project Manager. The MIA Central Base apron consists of paved airplane taxi lane areas and associated airport infrastructure utilized for aircraft to maintenance, fueling, and parking. Several existing buildings and possible old foundations are adjacent to the proposed area of development. Proposed construction includes underground utilities, drainages, concrete pavement, retaining walls, light poles, gravity walls, and box culvert structures. Terracon is providing onsite inspections of soils during the performance of select geotechnical borings, the collection and analysis of soil samples, and the collection of sediment samples from the canal along the northern boundary of the site that will be culverted as part of the project. Samples are collected to allow for environmental evaluation of soil samples collected along the path of construction proposed for the installation of a new stormwater utility within the site. Samples are selected to provide current analytical data for use in evaluating soil quality in areas where soils will be excavated during construction. Terracon prepared a historical site assessment summary report to conglomerate approximately 40 years of assessment and remedial activities conducted within the Central Base Apron. The historical and current data are being interpreted for applicability to Miami-Dade County Division of Environmental Resources Management (DERM), Florida Department of Environmental Protection (FDEP), and MDAD soil reuse guidelines and evaluation of how soils will be managed within the work area. Terracon has prepared a soil management plan to describe handling protocols and procedures to be followed by the contractor during site construction. The data is also being utilized in understanding exposure risk and for preparation of the environmental section of the Health and Safety Plan (HASP) for the site. Firm's Fee: \$72,000	Ongoing	N/A

(1) TITLE AND LOCATION <i>(City and State)</i> Opa-Locka Environmental Protection Agency (EPA) Brownfields Assessment Grant Opa-Locka, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="1052 117 1300 241">PROFESSIONAL SERVICES</td> <td data-bbox="1300 117 1549 241">CONSTRUCTION <i>(if applicable)</i></td> </tr> <tr> <td data-bbox="1052 241 1300 241">Ongoing</td> <td data-bbox="1300 241 1549 241">N/A</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>	Ongoing	N/A
PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>					
Ongoing	N/A					
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager/Senior Geologist. Terracon provided grant-writing assistance and support to the City of Opa-Locka for their brownfields program. Terracon worked closely with City staff and prepared an EPA brownfields application for the 2105 funding cycle. Terracon is currently the City's sole consultant providing brownfields services to support authorized tasks designated as components of the \$400,000 EPA Brownfields Assessment grant. Programmatic management includes but are not limited to quarterly and annual reporting, EPA policies and procedures, progress meetings, financial coordination and the technical findings required through the closeout process. Grant services support identification, prioritization processes and selection of properties; oversight of sub-consultants; and outreach. The funds are primarily dedicated to assessment of properties of interest which include Phase I ESAs, asbestos surveys, and lead-based paint (LBP) investigation within structures. Additional Phase I information may include wetland surveys and ground penetrating radar (GPR). Phase II ESAs are conducted in accordance with a Generic and Site Specific Quality Assurance Project Plan (QAPP and SSQAPP) completed per regulatory compliance to support Phase II ESAs. Phase II assessments, site specific QAPPs, HASPs and site reuse/cleanup planning are all components of the grant. Findings from assessment activities is reported to EPA within the Assessment, Cleanup & Redevelopment Exchange System (ACRES). Firm's Fee: \$382,000						
(1) TITLE AND LOCATION <i>(City and State)</i> Vacant Parcel, Future Hotel Site Aventura, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="1052 651 1300 787">PROFESSIONAL SERVICES</td> <td data-bbox="1300 651 1549 787">CONSTRUCTION <i>(if applicable)</i></td> </tr> <tr> <td data-bbox="1052 787 1300 787">2015</td> <td data-bbox="1300 787 1549 787">N/A</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>	2015	N/A
PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>					
2015	N/A					
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager/Geologist for the performance of site assessment to estimate the extent of soil and groundwater impacts affected with arsenic, polynuclear aromatic hydrocarbons, and volatile organic compounds (VOCs). Assessment was conducted in accordance with Chapter 62-780 Florida Administrative Code (FAC). Remedial/source removal efforts included the excavation and disposal of approximately 1,500 tons of arsenic impacted soils at a licensed landfill, and groundwater was monitored to verify that the residual concentrations were stable. Assessment efforts found that impacts were attributed to a sub-regional impact that affected the area surrounding the site. A Site Specific HASP, Dust Control Plan, Erosion Control Plan and Soil Management Plan were prepared for the site to assist the site development contractor with requirements of working within an impacted site. Air monitoring was also conducted to assess for airborne contaminants within and adjacent to the site. The site is in the final stages of groundwater monitoring and will be provided a "No Further Action" with Conditions within the next few months.						
(1) TITLE AND LOCATION <i>(City and State)</i> Canal Remediation and Assessment Parkland, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="1052 1092 1300 1228">PROFESSIONAL SERVICES</td> <td data-bbox="1300 1092 1549 1228">CONSTRUCTION <i>(if applicable)</i></td> </tr> <tr> <td data-bbox="1052 1228 1300 1228">2011</td> <td data-bbox="1300 1228 1549 1228">N/A</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>	2011	N/A
PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>					
2011	N/A					
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager to design and undertake the remediation and sampling of 600-foot section of irrigation canal that was impacted with liquid asphalt that was spilled into canal. Project involved segmenting canal into sections to dewater the canal and expose bottom and wall sediments for removal. Included removal of banks, headwall, and driveway bridges over canal. Worked with the Florida Department of Environmental Protection (FDEP) to develop appropriate sediment standards in light of their limited regulatory presence within existing FDEP regulations and to develop a monitoring program that focused on visible conditions as a reflection of surface water quality. Project closure was achieved within 16 months of initiation. Also served as the environmental expert for the City where the canal was impacted in the lawsuit against the firm accused of causing the issue.						

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

12. NAME David Beerbower, P.G.	13. ROLE IN THIS CONTRACT Quality Assurance/Quality Control (QA/QC) Reviewer/Senior Geologist	14. YEARS EXPERIENCE	
		a. TOTAL 40	b. WITH CURRENT FIRM 12

15. FIRM NAME AND LOCATION (City and State)

Terracon Consultants, Inc. Winter Park, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)

M.S./Geology
B.A./Natural Systems

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Florida/Professional Geologist

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

Affiliations: Florida Bar Association, Environmental and Land Use Section
Florida Healthcare Engineering Association**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Weingarten Realty Management Company Various Locations throughout FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Geologist/QA/QC, Authorized Project Reviewer (APR). Responsible for managing asbestos surveys of retail suites within retail shopping centers throughout Florida to permit interior renovations prior to tenant occupancy. Duties include managing asbestos survey personnel as well as providing QA/QC on surveys of interior building components and homogeneous areas of suspect ACMs being visually identified and documented. Fees: on a task by task basis.		
Royal Palm Beach Commons Royal Palm Beach, F	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm QA/QC, APR. The project consists of a 160±-acre parcel of land that was developed into a community park known as Royal Palm Beach Commons (former Traditions Golf Course site). The firm has performed environmental services at the site from 2017 to 2014. Terracon is currently performing long-term groundwater monitoring at the site. Firm's Fee - \$260,000 estimated		
Senior Independent Living Community Cooper City, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 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 QA/QC, APR. The site is approximately 8.5 acres of vacant land that is being considered for development as a Senior Living Facility. Terracon conducted a Phase I ESA to assist the client in developing information to identify recognized environmental conditions (RECs) in connection with the site. Additional services provided by the firm include: radon records review, wetlands records review with a site investigation, threatened and endangered species review, and historic properties/archaeological resources review. Terracon conducted a review of the Florida Master Site File (FMSF) with the State Historic Preservation Officer (SHPO) to determine if a Cultural Resource Assessment Survey or other actions are required. The firm also conducted a limited site investigation (LSI) to assess for the presence of potential soil impacts to the site from identified RECs. The scope of services conducted during this LSI included the advancement of soil borings within the site to assess soils and collect soil samples for laboratory analysis for presence of contaminants. Firm's Fee: \$13,485		
Apartment Buildings Delray Beach, FL	PROFESSIONAL SERVICES 2016	CONSTRUCTION (if applicable) N/A
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm QA/QC, APR. Construction activities for new apartment buildings began in 2015. Phase I ESA was performed consistent with the procedures included in ASTM E1527-13, <i>Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process</i> . The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, and a visual noninvasive reconnaissance of the site and adjoining properties. Firm's Fee: \$2,500		
Taylor Creek Dredge Spoils Management Area (DSMA) Fort Pierce, FL	PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) N/A
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm QA/QC, APR. Dredging at the Taylor Creek project required that seven existing monitoring wells at the DSMA be sampled on a weekly basis and groundwater analyzed for total dissolved solids (TDS), chloride and specific conductivity per FDEP requirements. Dredging occurred over a four-month period. Terracon provided groundwater sampling, and subcontracted laboratory analysis for the approximate four-month duration of dredging. Firm's Fee: \$16,189		

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

12. NAME Lucas Barroso-Giachetti, P.E., CHMM	13. ROLE IN THIS CONTRACT Senior Environmental Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 18	b. WITH CURRENT FIRM <1

15. FIRM NAME AND LOCATION (City and State)

Terracon Consultants, Inc. – Miami Lakes, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)

B.S./Environmental Engineering

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Florida/Professional Engineer

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

Certifications: **Certified Hazardous Materials Manager (CHMM)****19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Pompano Beach Airpark Plane Crash Fuel Spill Pompano Beach, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) N/A
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Environmental Engineer. Conducted soil screening, soil sampling, groundwater sampling and source removal oversight related to a discharge of fuel resulting from an aircraft crash landing within the Pompano Beach Airpark. Lucas provided P.E. oversight of the field activities and conducted regulatory interface on behalf of the client. The impacted area was successfully excavated and remediated. Firm's Fee: \$17,000		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Beacon Logistics Park Hialeah, FL	PROFESSIONAL SERVICES 2016 - 2017	CONSTRUCTION (if applicable) N/A
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Lead Consultant. Provided environmental assessment and permitting consulting for redevelopment of 72-acre former lakefill site in Hialeah, Florida. Lucas was the lead consultant for the local developer interfacing with Miami-Dade County DERM for the approval of development-related environmental oversight plans, assessment of groundwater impacts for regulatory and stormwater management purposes, and design of a sub-slab vapor mitigation system.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
PortMiami Tunnel Project Miami-Dade County, FL	PROFESSIONAL SERVICES 2011 - 2012	CONSTRUCTION (if applicable) N/A
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Environmental Engineer. Prepared Spill Prevention, Control, and Countermeasure (SPCC) for land and maritime operations involving drilling and grout injection activities on floating barges off Watson Island and Dodge Island. Worked closely with Bouygues Civil Works Florida (BCWF) personnel during preparation and implementation of SPCC, which was approved by Miami-Dade County.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Environmental Services for Miami-Dade County DERM Miami-Dade County, FL	PROFESSIONAL SERVICES 2009 - 2011	CONSTRUCTION (if applicable) N/A
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager. Miami-Dade County DERM contract projects included site assessment reports (SARs), tank closure assessment reports (TCARs), Phase I/II ESAs, and other projects at Miami International Airport (MIA), Opa-Locka Airport, Tamiami Park, and other Miami-Dade County properties. Responsible for day-to-day management of projects and interfacing with DERM project managers.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Florida Power & Light (FPL) Electrical Substations Miami-Dade County, FL	PROFESSIONAL SERVICES 2009 - 2011	CONSTRUCTION (if applicable) N/A
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and Professional Engineer. Soil and groundwater assessment was conducted for arsenic contamination from historical herbicide application at multiple electrical substations. Prepared multiple Source Removal Reports (SRRs), Remedial Action Plans (RAPs), and technical reports submitted to Miami-Dade County DERM.		

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

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

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION (City and State)

Town of Ocean Ridge – Townwide Roadway Evaluation Plan

Ocean Ridge, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2017

CONSTRUCTION (If applicable)

Ongoing

Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Town of Ocean Ridge

b. POINT OF CONTACT NAME

James Titcomb

c. POINT OF CONTACT TELEPHONE NUMBER	

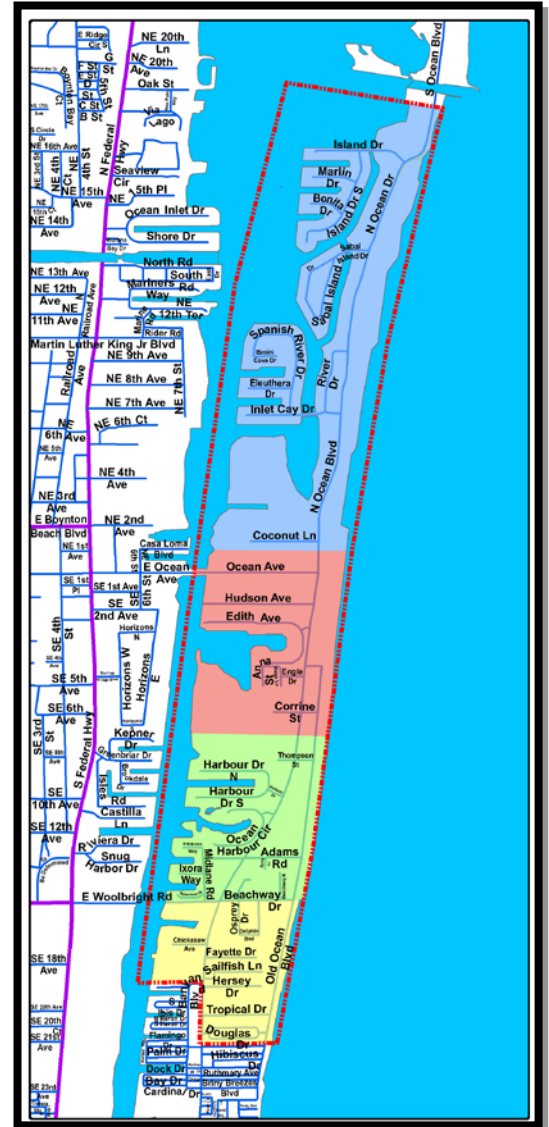
(561) 734-5650

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

	(1) FIRM NAME
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a. Engenuity Group, Inc.

(2) FIRM LOCATION (City and State)

West Palm Beach, Florida

(3) ROLE	
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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>
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21. TITLE AND LOCATION (City and State) Emergency Operations & Communications Center Palm Beach Gardens, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES 2010	CONSTRUCTION (If applicable) 2012
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23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Palm Beach Gardens	b. POINT OF CONTACT NAME Todd Engle, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (561) 804-7012
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Engenuity Group prepared drainage, grading, paving, wastewater collection, and water distribution construction drawings for this design-build project headed by Schenkel Shultz Architects. We obtained permit approvals for an 11,000 square foot emergency operations and communications center. Submitted the project for LEED Certification.

The project was required to have secondary potable water and wastewater systems capable of providing continuous service to the building for 72 hours in the event of a utility service outage. A "limited use water system" utilizing an onsite well and a sanitary holding tank were employed to satisfy these requirements.

Other design and construction challenges included relocation of existing utility services for the City's existing Police Department Building. This project is located in the City of Palm Beach Gardens on Military Trail, south of PGA Boulevard.



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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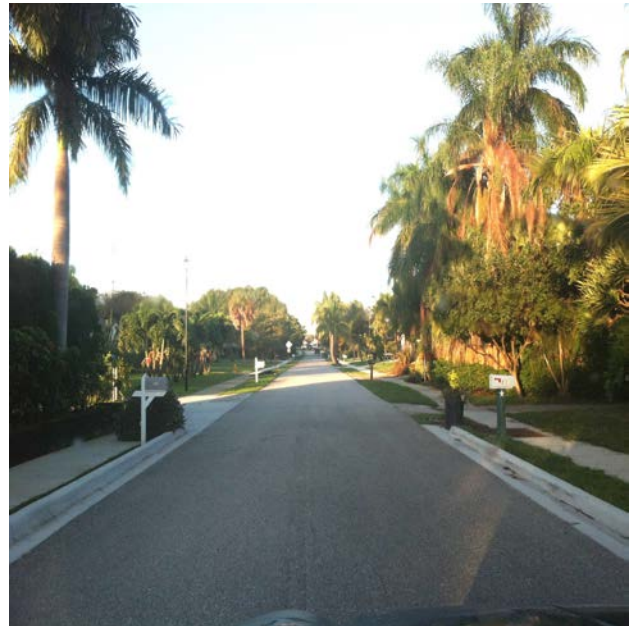
F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 3		
21. TITLE AND LOCATION (City and State) Village of North Palm Beach- SW Neighborhood Sidewalk Improvements (North Palm Beach, Florida)		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION (If applicable) N/A</td> </tr> </table>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A			

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Village of North Palm Beach	b. POINT OF CONTACT NAME Chuck Huff	c. POINT OF CONTACT TELEPHONE NUMBER (561) 841-3369
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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
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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 <div style="text-align: center; font-size: 24pt;">4</div>		
21. TITLE AND LOCATION (City and State) "Village Royale" Development Project Royal Palm Beach, Florida	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION (If applicable) Ongoing</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing			

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER TLH BOS, Inc.	b. POINT OF CONTACT NAME Brian Tuttle	c. POINT OF CONTACT TELEPHONE NUMBER (561) 718-4816
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Engenuity Group, Inc. has been working with Land Developer, Brian Tuttle, since 2013 on transforming the land located on Southern Boulevard behind the Lowe's Improvements Center. This area, located within the Village limits of Royal Palm Beach, is being converted from rural residential into newly developed areas that include a mixture of multi-family, apartments, commercial, an activities complex, and an educational center. Engenuity Group, Inc. has performed civil engineering and land surveying services as well as platting, permitting, bidding, and construction administration on countless aspects of this highly diverse and multi-faceted project.

Engenuity Group has worked with Brian Tuttle and Village staff to annex this property inside Village limits, acquire approval for rezoning, re-plat 'pods' located within the full property limits, and begin plans to improve the land in preliminary stages for future construction. Major tasks include creating boundary and topographic surveys for the different land owners and reconfigured acreage, creating paving, grading, drainage, water, and sewer plans for the planned improvements, infrastructure development for future construction, planning and design for left and right turn lanes and a traffic signal on 103rd Avenue serving a new bridge spanning the C-51 Canal to the project site from State Road 80.



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)

Reconstruction of Sidewalk Curb Ramps

Wellington, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2015

CONSTRUCTION (If applicable)

2016

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Village of Wellington

b. POINT OF CONTACT NAME

Dennis Flaherty

c. POINT OF CONTACT TELEPHONE NUMBER

(561) 791-4147

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



BEFORE



AFTER

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Engenuity Group, Inc.	West Palm Beach, Florida	Construction Administration

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 6				
21. TITLE AND LOCATION (City and State) 2017 Watermain Improvements Projects Palm Beach County, Florida		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2018</td> <td></td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2018	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2018						

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Palm Beach County Water Utilities Department	b. POINT OF CONTACT NAME Bud Goblich, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (561) 227-6862
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Engenuity Group, Inc. has been working with CES Consultants, Inc. to provide surveying services on a project awarded through the RFQ/CCNA process to rehabilitate water main at various locations throughout Palm Beach County for the Water Utilities Department.



Engenuity Group, Inc. was tasked with gathering the pertinent GPS data and preparing a Topographic Survey for 20 different sites throughout the county from Jupiter to Boca Raton. Three of the sites are located in the Village of Royal Palm



Beach, providing survey staff with an excellent opportunity to map out and better understand the underground piping and related infrastructure beneath the Village.

These sites include the intersections of Royal Palm Beach Blvd & Southern Blvd., Royal Palm Beach Blvd. & 40th Street North, and Southern Blvd. & Lamstein Lane. Engenuity Group, Inc. continues to perform surveying design as needed as well as the preparation of sketch and descriptions of the regions for the County.

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 Land Surveying Services
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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 <div style="text-align: center; font-size: 24pt;">7</div>				
21. TITLE AND LOCATION (City and State) Southgate Boulevard & Rock Island Road (City of Margate, FL)	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2017</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2017	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2017						

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Margate	b. POINT OF CONTACT NAME Paula Fonseca, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (561) 746-6900
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Engenuity Group, Inc. was contracted by Chen Moore & Associates to complete a topographic survey along Southgate Boulevard and Rock Island Road for the City of Margate. The topographic survey is going to be used to complete design drawings for the construction plans of a new force main. The route of the force main will start at the lift station located at the intersection of S.W. 64th Avenue and Southgate Boulevard and run Westerly along Southgate Boulevard then Northerly along Rock Island Road and through the City of Margate Public Works Department yard to the lift station located on the South side of West Atlantic Boulevard.

Our survey included setting permanent benchmarks along the route, with cross sections within the right-of-way every 100 feet. All storm, sanitary and water structures and the corresponding invert data were located. All trees within the route were located, identified and measured for size. Additionally, cross sections of the Pompano Canal C-14 on both sides of Rock Island Road were completed.

We began the topographic survey in November 2016 and completed and delivered to the client in January 2017. All tasks were completed within budget and ahead of schedule.



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 Surveying
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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

8

21. TITLE AND LOCATION (City and State)

City of Riviera Beach Surveying

Riviera Beach, Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES

Ongoing

CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Riviera Beach

b. POINT OF CONTACT NAME

Terrance N. Bailey, P.E.

c. POINT OF CONTACT TELEPHONE NUMBER

(561) 845-4060

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

Engenuity Group, Inc. was selected in 2014 to be a consultant on a continuing contract with the City of Riviera Beach for various professional surveying services. Projects performed under this contract include services from topographic and boundary surveys to staking for construction projects. Some of these include:

- Prepare Plat for the Riviera Beach Utility District Water Treatment Plant
- Review of Plat for compliance at Singer Island and Gateway Boulevard
- Survey for reviewing a Plat for compliance at Park Manor No. 2
- Review of Plat for compliance at Family Dollar Store at Australian and Blue Heron
- Topographic survey for Fire Station 2 at Barracuda Bay
- Topographic survey and staking at Dune Walkover Reestablishment
- Sketch and description, and plat for the abandonment of Avenue J



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Engenuity Group, Inc.	West Palm Beach, Florida	Construction Administration

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 <div style="text-align: center; font-size: 24pt;">9</div>				
21. TITLE AND LOCATION (City and State) Johnson Street Route Survey Hollywood, Florida	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2014</td> <td>2015</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2014	2015
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2014	2015					

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Biscayne Engineering	b. POINT OF CONTACT NAME Lene't Adams	c. POINT OF CONTACT TELEPHONE NUMBER (305)324-7671
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Engenuity Group, Inc. performed the following survey tasks for this project:

- Locate and identify all applicable existing above-ground and underground utilities and collect elevations at 100 foot intervals;
- Provide rim and invert elevations, and pipe size and type on all visible gravity sewer structures and/or outfalls (sanitary and storm drainage);
- Provide location of all existing buildings, concrete pads, valve boxes, water/electrical meter boxes, electrical pull boxes, telephone/cable risers, fences, hydrants, above-ground utilities, wood/concrete utility poles, overhead utility lines, culverts, guardrails, pavement limits, headwalls, end-walls, manholes, vaults, driveways, right-of-way limits, landscaping, traffic signage and any other signage;
- Location of vegetation and individual trees;
- Provide location of the markings that indicate underground utilities.



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 Surveying
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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

10

21. TITLE AND LOCATION (City and State)

City Surveyor

Palm Beach Gardens , Florida

22. YEAR COMPLETED

PROFESSIONAL SERVICES

Ongoing

CONSTRUCTION (If applicable)

Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Palm Beach Gardens

b. POINT OF CONTACT NAME

Todd Engle, P.E.

c. POINT OF CONTACT TELEPHONE NUMBER

(561) 804-7012

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

Engenuity Group, Inc. was selected in 2015 to be a consultant on a continuing contract basis with the City of Palm Beach Gardens for various Professional Surveying Services. Since obtaining the contract and becoming one of the City's Surveyors, we have completed many projects at the direction of Todd Engle, P.E. who is the City's Engineer.

Projects performed under this contract include services from topographic and boundary surveys to staking for construction projects. Some of these include:

- Boundary and Topographic Survey for Campus Drive
- Construction Staking for Shady Lakes Drive and 117th Court North
- Park Lane Topographic Survey
- Topographic Survey for Seacoast Utility Authority Site at the intersection of Richard Road and Park Lane
- Topographic Survey of Shady Lakes Drive
- Layout and Topographic Survey of the City Park & Tennis Center
- Topographic Survey for 3 bridges located in the City. (Commons Drive, Hickory Drive, and Larch Avenue)
- Topographic Survey for the Salinity Structure on Allamanda Drive East
- Sketch and Descriptions for 117th Court North



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a. Engenuity Group, Inc.	West Palm Beach, Florida	Surveying

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER 1	
21. TITLE AND LOCATION (<i>City and State</i>) Florida Power & Light Substations-Continuing Contract, FP&L, Broward, Miami-Dade, Palm Beach, Florida		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (<i>If applicable</i>) N/A
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Florida Power & Light	b. POINT OF CONTACT NAME Michael Greeley, Contract Administrator	c. POINT OF CONTACT TELEPHONE NUMBER michael.greeley@fpl.com	

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

DRMP, Inc. provided Quality Level B utility designates, and Quality Level A utility locations supporting FP&L substations throughout Florida on an on-call basis. Task work order services provided included clearing small areas for construction using Ground Penetrating Radar on a next-day turnaround, Quality Level B designation of several entire substations to support design of security, safety, and capacity improvements, and Quality level A utility locations to clear new pole locations to avoid conflicts in construction. DRMP has held this contract since 2008, and has completed nearly 300 projects of various sizes for FP&L directly, and many more for FP&L contractors that were referred by FP&L for work inside their substations.

Project Cost: Per Task Work Order

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) Firm Name DRMP, Inc.	(2) FIRM LOCATION (<i>City and State</i>) Boca Raton, Florida	(3) ROLE Subsurface Utility Engineering and Land Surveying Services

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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER 2	
21. TITLE AND LOCATION (<i>City and State</i>) University Drive, FDOT District Four, Broward County, Florida		22. YEAR COMPLETED PROFESSIONAL SERVICES 2018 CONSTRUCTION (<i>If applicable</i>)	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER FDOT District Four	b. POINT OF CONTACT NAME Fausto Gomez	c. POINT OF CONTACT TELEPHONE NUMBER 954-777-4603	

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

DRMP, Inc. provided design survey services for the reconstructing/widening/milling and resurfacing of the existing suburban 4-lane divided highway to a 6-lane divided urban highway from just south of Cardinal Road/NW 40th Street to the Sawgrass Expressway/SR 869, approximately 1.6-miles within the City of Coral Springs. Project includes roadway design, lighting design, signing and pavement marking, signalization, ITS, miscellaneous structures, utilities, surveying and right-of-way mapping, permitting, landscaping and public involvement. Utility Survey included Quality Level B designation of numerous subsurface utilities running within a congested corridor, including water, gas, sanitary force main, buried electric, buried telephone, fiber optic, and cable television lines. A total of 41.5 miles of underground were marked along the project corridor and major side streets. Once design was completed to approximately 60%, Quality Level A utility Locations were performed using vacuum excavation and hand-digging equipment to verify utility lines vertically and horizontally at over 350 individual locations.

Project Cost: \$271,900

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) Firm Name DRMP, Inc.	(2) FIRM LOCATION (<i>City and State</i>) Boca Raton, Florida	(3) ROLE Subsurface Utility Engineering and Land Surveying Services

STANDARD FORM 330 (REV. 3/2013) PAGE #

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER 3	
21. TITLE AND LOCATION (<i>City and State</i>) City of West Palm Beach Lift Station 75, Palm Beach County, Florida		22. YEAR COMPLETED PROFESSIONAL SERVICES 2018 CONSTRUCTION (<i>If applicable</i>)	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of West Palm Beach, Public Works	b. POINT OF CONTACT NAME Phoebe Cuevas Molina, PE, LEED AP	c. POINT OF CONTACT TELEPHONE NUMBER 717-516-6035	

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

DRMP, Inc. provided subsurface utility engineering (SUE) for the redesign of existing Lift Station #75. Specific tasks included coordination with client and City of West Palm Beach (research and review existing as-builts and video information); subsurface utility designation engineering; provided test holes on two existing utilities to verify size and type; and survey all designated utilities, test holes, and existing improvements. A survey and CAD file was prepared and certified for use of new design.

Project Cost: \$4,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) Firm Name DRMP, Inc.	(2) FIRM LOCATION (<i>City and State</i>) Boca Raton, Florida	(3) ROLE Subsurface Utility Engineering and Surveying Services

STANDARD FORM 330 (REV. 3/2013) PAGE #

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER 4	
21. TITLE AND LOCATION (<i>City and State</i>) City of West Palm Beach Lift Station 75, Palm Beach County, Florida		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (<i>If applicable</i>)
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER FDOT District Four	b. POINT OF CONTACT NAME Paul Doll, PSM	c. POINT OF CONTACT TELEPHONE NUMBER 954-777-4579	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			

DRMP, Inc. provided design survey services for the widening, milling and resurfacing of the existing off-system 4-lane divided highway from Southgate Boulevard to Holmberg Road, approximately 5.5 miles within the City of Coral Springs. The project consisted of widening the road to add buffered bike lanes, adding sidewalk at gap locations, performing drainage upgrades, providing signing and pavement markings and improving substandard ADA elements. In addition, this project will upgrade existing intersection signals to mast arms at West Atlantic Boulevard, Royal Palm Boulevard, West Sample Road, Wiles Road, Westview Drive and Sawgrass Expressway. This project included subsurface utility engineering (SUE), vacuum excavation test-holes, and land surveying

Project Cost: \$453,190

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) Firm Name	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
	DRMP, Inc.	Boca Raton, Florida	Subsurface Utility Engineering and Land Surveying Services

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER 5	
21. TITLE AND LOCATION (<i>City and State</i>) Manatee Heater Directional Drill, Dania Beach, Florida		22. YEAR COMPLETED 2018	
		PROFESSIONAL SERVICES	CONSTRUCTION (<i>If applicable</i>)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Florida Power & Light	b. POINT OF CONTACT NAME Elizabeth C. Ramirez (Voss Engineering)	c. POINT OF CONTACT TELEPHONE NUMBER 305-796-7419

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

DRMP, Inc. provided subsurface utility engineering (SUE) designation for the marking of approximately 2,500' of proposed location of a directionally drilled cooling pipeline being constructed at the Florida Power & Light (FPL) Dania Beach Power Plant. Electromagnetic instrumentation was utilized for all "tone able" utilities and ground penetrating radar (GPR) was used to "sweep" the area for other unknown utilities. All utilities were field located and provided to client as a "Google Earth" deliverable.

Project Cost: \$5,130

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) Firm Name DRMP, Inc	(2) FIRM LOCATION (<i>City and State</i>) Boca Raton, Florida	(3) ROLE Subsurface Utility Engineering

STANDARD FORM 330 (REV. 3/2013) PAGE #

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) Transportation Consultant, West Palm Beach, FL	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>Ongoing</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	Ongoing	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
Ongoing						
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER City of West Palm Beach	b. POINT OF CONTACT NAME Khanh Uyen Dang, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER 561.494.1087				

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

Since 2006, McMahon has been a transportation consultant to the City of West Palm Beach. In this capacity, we have performed various roadway design, traffic operations and planning projects. Design projects have included the extension of 31st Street, redesign of Parker Avenue, and a "complete Streets" redesign of Cumberland Drive (1.2 miles), adding buffered bike lanes and a roundabout at Saratoga Road. Traffic operations projects included signalized intersection qualitative assessments, one-way street circulation evaluation, traffic data collection, and pedestrian crossing assessments and maintenance of traffic plans preparation. Planning elements of the contract included the preparation of traffic concurrency impact studies for various sites and an update of the City's Transportation Element of the Comprehensive Plan. Traffic calming projects have been performed for the City and have included the design of roundabouts on local streets such as Lake Avenue.



Entire Project Cost:

Ongoing

Work for which Firm was responsible:

Cost varies by task

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME McMahon Associates, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2				
21. TITLE AND LOCATION (City and State) Bicycle Master Plan, West Palm Beach, City of West Palm Beach, FL	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td>2018</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2018	
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
2018						
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER City of West Palm Beach	b. POINT OF CONTACT NAME Khanh Uyen Dang, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER 561.494.1087				

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

McMahon prepared a Citywide Bicycle Master Plan for the City of West Palm Beach. Efforts have included an extension public outreach process and agency coordination. The Master Plan provides a guide to the City regarding bicycle corridors, ultimate bicycle facilities and appropriate treatments to elevate the City to a desired destination that requires minimal motorized transportation. The effort included preparing maps depicting the future bicycle network, recommending typical sections, planning level cost estimates, and prioritization of improvement projects.



Entire Project Cost:

\$199,008.11

Work for which Firm was responsible:

\$117,466.93

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME McMahon Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
		(3) ROLE Prime - Transportation Consultant
		(3) ROLE
		(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3		
21. TITLE AND LOCATION <i>(City and State)</i> Miscellaneous Traffic Engineering Services, Bonita Springs, FL	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2008 - Ongoing</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> </table>		PROFESSIONAL SERVICES 2008 - Ongoing	CONSTRUCTION <i>(If applicable)</i>
PROFESSIONAL SERVICES 2008 - Ongoing	CONSTRUCTION <i>(If applicable)</i>			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER City of Bonita Springs	b. POINT OF CONTACT NAME Matt Feeney	c. POINT OF CONTACT TELEPHONE NUMBER 239.949.6246		

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

McMahon has served as the Transportation Consultant, on a task order base, to the City of Bonita Springs since 2008. Our services provided to the City have covered a multitude of requests ranging from completing studies, to developing conceptual details, to interacting with various governmental agencies, such as the Florida Department of Transportation (FDOT) and Lee County, all to support the demands and requests from the City. We have also assisted the City's Public Works Department with responses to intersection operations; signing and pavement marking requirements; traffic signal operations; field observations; pedestrian crossing matters; and corridor speed studies, including establishing the appropriate speed limit recommendations. Signature projects completed as task orders include a Citywide bicycle and pedestrian master plan and a Key Corridor Study for the implementation of complete streets throughout the City.



Entire Project Cost:
Ongoing

Work for which Firm was responsible:
Cost varies by task

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME McMahon Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>

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 4
21. TITLE AND LOCATION (City and State) NW 31st Avenue Roadway Reconstruction Lauderdale Lakes, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION (If applicable)	
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Lauderdale Lakes	b. POINT OF CONTACT NAME J. Gary Rogers	c. POINT OF CONTACT TELEPHONE NUMBER 954.535.2492

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

McMahon is providing planning and design services for a half-mile segment of NW 31st Avenue, from NW 39th Street to NW 44th Street. The City initiated the project to implement Complete Streets, particularly to provide sidewalk along the east side, providing safer pedestrian access to transit stops. The project included evaluation of several alternatives, including potential reduction in the number of lanes. The scope includes typical section packages, roadway reconstruction, signing & pavement marking and signalization modifications.



Entire Project Cost:

\$195,000

Work for which Firm was responsible:

\$195,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME McMahon Associates, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE Prime - Transportation Consultant
		(3) ROLE
		(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 5		
21. TITLE AND LOCATION (City and State) Annual Services Traffic Signal Design, Palm Beach County, FL	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2014 - 2017</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> </table>		PROFESSIONAL SERVICES 2014 - 2017	CONSTRUCTION <i>(If applicable)</i>
PROFESSIONAL SERVICES 2014 - 2017	CONSTRUCTION <i>(If applicable)</i>			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER Palm Beach County	b. POINT OF CONTACT NAME Fattoush Jafar, Ph.D., P.E.	c. POINT OF CONTACT TELEPHONE NUMBER 561.684.4030		

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

McMahon was the Consultant for a Continuing Service Traffic Signal Design Contract with Palm Beach County Traffic Division. The County's project manager was Fattoush Jafar. Assignments have included preparation of design plans for school zone signs and flashers, as well as traffic signal installation plans. The school zone project was a LAP project, requiring coordination with FDOT District Four, for the installation of school zone pavement markings and overhead sign equipment at five (5) school locations. Traffic signal design tasks include installation of a new traffic signal at a three-leg intersection. Plans account for addition of a fourth leg at a future date. All work efforts include utility coordination and providing survey, geotechnical, subsurface utility engineering and structural engineering components.

Entire Project Cost:

\$86,608.78

Work for which Firm was responsible:

\$42,547.26

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME McMahon Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
		(3) ROLE Prime - Transportation Consultant
		(3) ROLE
		(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 1				
21. TITLE AND LOCATION (City and State) Costco Wholesale - SoLe Mia North Miami, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if applicable)</td> </tr> <tr> <td>Ongoing</td> <td>N/A</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	Ongoing	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)					
Ongoing	N/A					
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER Costco Wholesale	b. POINT OF CONTACT NAME Heidi Macomber	c. POINT OF CONTACT TELEPHONE NUMBER (703) 406-6842				
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)						

The project entails the construction of an approximately +/- 160,000-square-foot (SF) Costco warehouse. A fuel facility is planned at the northeast portion of the site with paved parking/landscaping areas to the east and south sides of the proposed warehouse. The fuel facility will contain three 20,000-gallon underground storage tanks (USTs) with fuel dispensers.

The site is located within the northwest portion of the former Munisport Landfill and encompasses approximately 14.1± acres of land in the vicinity of Biscayne Boulevard and NE 151st Street, North Miami, Miami-Dade County, Florida. Preparation for development of the site, within a portion of the SoLe Mia development property, included the filling of the onsite Northwest Lake and the placement of material from the former landfill, throughout the majority of the site to raise the grade by approximately 13 to 15 feet.

Terracon conducted a Phase I ESA in general accordance with the consensus document known as ASTM E 1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this ESA is to assist the client in developing information to identify RECs in connection with the site. This purpose was undertaken through a regulatory database review; historical and physical records review; interviews, including local government inquiries, as applicable; and a visual noninvasive reconnaissance of the site and adjoining properties.

Additional services provided by Terracon included:

- Preliminary archeological, historical, and cultural resources search
- Hydrological Flood Plain information search
- Literature and agency file searches were conducted to identify the potential occurrence of federally listed threatened and endangered (T&E) species located in the site vicinity
- Research to identify potential wetlands
- Environmental compliance review
- Recommendations pertaining to soil, groundwater, and vapor

In response to the findings of the Phase I ESA, Terracon provided construction oversight/LSI to help the client understand site conditions through assessment of soil, subsurface vapor, and groundwater quality at the site. In addition to the subsurface investigation, Terracon analyzed samples of landfill materials that have been placed at the site to raise the grade.

Assessment efforts reported the presence of elevated methane concentrations emanating from the landfill and in accordance with FDEP's Landfill closure permit. Terracon designed a vapor mitigation that will be installed as part of site development.

Firm's Fee: \$125,346

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida	(3) ROLE Prime Consultant
b.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Prime Consultant
c.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Winter Park, Florida	(3) ROLE Prime Consultant

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2				
21. TITLE AND LOCATION (City and State) Palm Beach International Airport (PBI), Former Building S-1440, Palm Beach County Transit Authority (Palm Tran) West Palm Beach, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if applicable)</td> </tr> <tr> <td>Ongoing</td> <td>N/A</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	Ongoing	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)					
Ongoing	N/A					
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER Palm Beach County	b. POINT OF CONTACT NAME John Tierney	c. POINT OF CONTACT TELEPHONE NUMBER (561) 233-0252				
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)						

The Palm Beach County Department of Airports is considering long-term lease of PBI property, which contains the Former Palm Tran Facility. In accordance with applicable portions of Chapter 62-780, FAC, Terracon prepared a Limited Scope Remedial Action Plan (LSRAP) for the site in 2017. The objective of this LSRAP is to remediate petroleum contaminant concentrations reported in soil and groundwater samples to concentrations which meet cleanup target levels set forth in Chapter 62-777, Table 1, FAC.

Terracon is currently implementing source removal with open-pit air sparging to remediate petroleum hydrocarbon contaminated soil and groundwater at the former Palm Tran facility. The objective of the remedial action is to reduce petroleum hydrocarbon contaminants within the impacted area to below soil cleanup target levels (SCTLs) and groundwater cleanup target (GCTLs). The goal is to obtain a No Further Action status without conditions and a Site Rehabilitation Completion Order. The scope of work includes: pre-source removal work; source removal activities; monitoring well re-installation and Quarter 1 Post Active Remediation Monitoring (PARM); Quarter 2 PARM; Quarter 3 PARM; and Quarter 4 PARM.

Firm's Fee: \$586,000 estimated



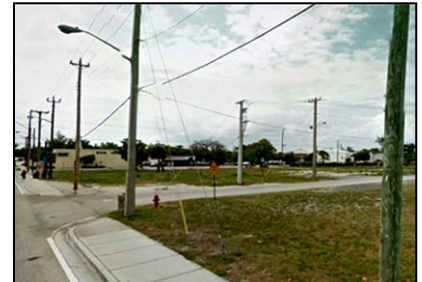
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Prime Consultant
b.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida	(3) ROLE Prime Consultant
c.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Winter Park, Florida	(3) ROLE Prime Consultant
d.	(1). FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3				
21. TITLE AND LOCATION (City and State) City of Pompano Beach (COPB) CRA Continuing Services Pompano Beach, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if applicable)</td> </tr> <tr> <td>Ongoing</td> <td>N/A</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	Ongoing	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)					
Ongoing	N/A					
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER COPB	b. POINT OF CONTACT NAME Horacio Danovich	c. POINT OF CONTACT TELEPHONE NUMBER (954) 786-7834				
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)						

Terracon maintains a continuing services contract with the COPB CRA to provide environmental engineering services for various CRA projects. Reselected for this contract in 2015, the firm has conducted Phase I and II ESAs within the CRA's Northwest Brownfields region at properties proposed for redevelopment. The Phase I ESAs were completed in accordance with ASTM E1527-05/13 to assess for potential historical concerns associated with the subject properties. The properties did not have active buildings or operations on site as the neighborhoods have been blighted and the focus of the CRA is to provide new opportunities to enhance the inner urban core with housing and community wide improvements. The Phase I ESAs identified RECs that included historical dry cleaning facilities, gas stations, metals shops, and automotive facilities that had the potential to have impacted the subsurface.

Phase II ESAs were conducted in accordance with ASTM 1903-11 and reported the presence of petroleum impacts associated with one former gas station and one automotive service facility that required remediation. As these sites are within a designated brownfields area, and were taken by the COPB through tax lien, COPB is able to take advantage of an exemption in the Brownfields laws that do not require the COPB to remediate the site. This is a valuable exemption as it allows the COPB CRA to focus their funds on redevelopment efforts as both facilities were found to have impacted soil and groundwater. Impacts in the subsurface could result in potential vapor intrusion for proposed new structures can be addressed in a manner that is best aligned with redevelopment plans be it through vapor mitigation techniques, carved out of the proposed development, or remediated to allow unrestricted use of the property.

The project completed at the Former Able Service facility was initiated as a due diligence effort to understand if there were subsurface impacts at the property that was previously a fueling facility and service station. The site had received a No Further Action status from the FDEP for a petroleum impact that was reported to have been remediated. Assessment efforts included the collection of soil and groundwater samples from the former underground storage tank area as well as the former service areas including the hydraulic lifts, soakage pits and septic system. Impacted soils and groundwater were found to be present within the former UST area at concentrations in excess of regulatory cleanup target levels as specified in Chapter 62-777 FAC. The area was assessed and found to be impacted across an area of approximately 50' x 60' to a depth of approximately 25 feet below ground surface, which was similar to the area that was remediated. The FDEP approved a petition to re-open the cleanup file and allow for preparation of a new RAP.



A new Remedial Action Plan was prepared to address the site through the FDEP's Preapproval Program (FDEP - \$43,000 / COPB CRA was not the contracting client but retained their interest in the prompt completion of the project). The new RAP included a design to remediate soils and groundwater through the injection of a chemical oxidant at a series of injection locations to degrade the petroleum hydrocarbons within the affected area. The system was budgeted at \$240,000 and included two applications with the option to incorporate a metering pump and a recirculating system to continuously address the hydrocarbons. The site would be monitored for a year after 6 months of treatment. FDEP approved the RAP within 30 days of submittal. As a rule of the preapproval program changes in 2013, the remedial system was implemented by others. Fee for Former Able Services - \$23,000 (plus \$43,000 FDEP)

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL
		(3) ROLE Prime Consultant
b.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL
		(3) ROLE Prime Consultant
c.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Tampa, FL
		(3) ROLE Prime Consultant

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 4				
21. TITLE AND LOCATION (City and State) Opa-Locka EPA Brownfields Assessment Grant Opa-Locka, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if applicable)</td> </tr> <tr> <td>Ongoing</td> <td>N/A</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	Ongoing	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)					
Ongoing	N/A					
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER City of Opa-Locka	b. POINT OF CONTACT NAME Yesly Guillen	c. POINT OF CONTACT TELEPHONE NUMBER (305) 953-2868				
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)						

The City of Opa-Locka selected Terracon to provide brownfields consulting services for their \$400,000 EPA community-wide assessment grant. Terracon staff member, Belinda Richard, has worked with the City's program since 2013 to build their brownfields program and assisted in writing and securing the EPA Brownfields grant award.

Terracon has provided hands-on engineering for more than 55 projects within the City since 2007. Projects include roadway, airport, buildings, recreational, environmental and utilities.

Terracon is providing consulting services for this Brownfields project through a series of tasks. Programmatic management includes but are not limited to quarterly and annual reporting, EPA policies and procedures, progress meetings, financial coordination and the technical findings required through the closeout process. Grant services support identification, prioritization processes and selection of properties; oversight of sub-consultants; and outreach.

Outreach activities have included the Community Engagement Plan, brochures, an electronic website to coordinate brownfields information and assisted the City to host two community meetings. The Developers Forum was well attended and the audience was varied including realtors, developers, local business owners and interested residents.

Primarily grant services are dedicated to assessment evaluations. Phase I Assessments, asbestos valuation survey's and lead based paint investigation within structures. Additional Phase I information may include wetland surveys. The Generic Quality Assurance Project Plan (QAPP) was completed per regulatory compliance to support Phase II ESAs. Phase II assessments, Site-Specific QAPPs, HASPs and Site Reuse/Cleanup Planning are all components of the grant. Findings from assessment activities is reported to EPA within ACRES.

Firm's Fee: \$382,00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime Consultant
b.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Miami Lakes, FL	(3) ROLE Prime Consultant
c.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Tampa, FL	(3) ROLE Prime Consultant

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)	22. YEAR COMPLETED	
Senior Independent Living Community Cooper City, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
	2018	N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Owner Unknown Client: Cameron General Contractors	Bob Lewis	(402) 420-3149
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

The site is approximately 8.5 acres of vacant land that is being considered for development as a Senior Living Facility. Terracon conducted environmental engineering services to assist with evaluation of environmental conditions of the site prior to purchase of the site for construction of the proposed facility.

A Phase I ESA was performed by Terracon consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and Client Scope of Work. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, and a visual noninvasive reconnaissance of the site and adjoining properties. Limitations, ASTM deviations, and significant data gaps (if identified) were noted and provided in the applicable sections of a report. Additional services provided by the firm include: radon records review, wetlands records review with a site investigation, threatened and endangered species review, and historic properties/archaeological resources review. Terracon conducted a review of the FMSF with the SHPO to determine if a Cultural Resource Assessment Survey or other actions are required.



The firm also conducted a LSI to assess for the presence of potential soil impacts to the site from identified RECs. The scope of services conducted during this LSI included the advancement of soil borings within the site to assess soils and collect soil samples for laboratory analysis for presence of contaminants.

Firm's Fee: \$13,485

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime Consultant
b.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Prime Consultant
c.	(1). FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) Winter Park, FL	(3) ROLE Prime Consultant
d.	(1). FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Adam Swaney, PE	ENGINEERING Principal-in-Charge	X	X	X	X	X					
Richard Brown, EI	ENGINEERING Project Manager	X	X	X	X	X					
Keith Jackson, PE	ENGINEERING Senior Engineer	X	X	X	X	X					
Tara Bamber	ENGINEERING Project Engineer	X	X	X	X	X					
Maryori Velasco	ENGINEERING Project Engineer	X	X	X	X	X					
Lisa Tropepe, PE	ENGINEERING QC Manager	X	X	X	X	X					
Jennifer Malin, PSM	SURVEYING Project Manager						X	X	X	X	X
John Rice, PSM	SURVEYING Project Surveyor						X	X	X	X	X
Gary Rayman, PSM	SURVEYING Plat Prep						X	X	X	X	X
Joseph Williams	SURVEYING Project Surveyor						X	X	X	X	X
C. Andre Rayman, PSM	SURVEYING QC Manager						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	Town of Ocean Ridge – Townwide Roadway Evaluation Plan	6	2017 Watermain Improvements Projects
2	Emergency Operations & Communications Center	7	Southgate Boulevard & Rock Island Road
3	Village of North Palm Beach – SW Neighborhood Sidewalk Improvements	8	City of Riviera Beach Surveying
4	Village Royale Development Project	9	Johnson Street Route Survey
5	Reconstruction of Sidewalk Curb Ramps	10	City Surveyor – Palm Beach Gardens

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 "Examples 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
Derek G. Zeman, PSM, PLS	Survey / SUE Manager	X	X	X							
Rufus Swift	SUE Supervisor	X	X	X							
Michael Landis Downs	SUE/Survey Technician	X	X	X							

29. Example Projects Keys

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Florida Power & Light Substations-Continuing Contract, FPL, Broward, Miami-Dade, Palm Beach, FL	6	
2	University Drive, FDOT District Four, Broward County, Florida	7	
3	City of West Palm Beach Lift Station 75, Palm Beach County, Florida	8	
4	City of West Palm Beach Lift Station 75, Palm Beach County, Florida	9	
5	Manatee Heater Directional Drill, Dania Beach, Florida	10	

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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
R. Trent Ebersole, P.E.	Senior Transportation Engineer	X	X	X	X	X					
Natalia T. Lercari, P.E.	Senior Traffic Engineer	X	X	X							
J. David Hill	Senior Transportation Designer	X		X	X	X					
William A. Grieve, P.E.	Senior Engineer	X	X		X						
Alan Mrvica, P.E.	Traffic Engineer	X		X							
William Smith	Traffic Engineer	X	X	X							
Nishat Zaman	Traffic Engineer	X	X	X							
Natalia Ramirez, AICP	Transportation Planner	X	X	X							
Bin Zhang, E.I.	Roadway Design Engineer	X			X	X					

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Transportation Consultant, City of West Palm Beach, FL	6	
2	Bicycle Master Plan, West Palm Beach, City of West Palm Beach, FL	7	
3	Miscellaneous Traffic Engineering Services, Bonita Springs, City of Bonita Springs, FL	8	
4	NW 31st Avenue Roadway Reconstruction, Lauderdale Lakes, FL	9	
5	Annual Services Traffic Signal Design, Palm Beach County, FL	10	

[illegible]

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Costco Wholesale - SoLe Mia	6	
2	PBI, Former Building S-1440, Palm Tran	7	
3	COPB CRA Continuing Services	8	
4	Opa-Locka EPA Brownfields Assessment Grant	9	
5	Senior Independent Living Community	10	

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 33 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

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

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

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

July 24, 2018

33. NAME AND TITLE

Adam Swaney, PE – Principal-in-Charge

H. ADDITIONAL INFORMATION

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

Understanding of the Contract's Scope of Work

DRMP's approach to assisting Engenuity Group on this professional services contract for the City of Pembroke Pines begins with our coordination. Our goal is to be an extension of Engenuity Group, Inc. as well as the City's staff and will accomplish this through our emphasis on communication, quick response and an experienced team of professionals. This allows us to complete our work in a timely manner and our experience gives us the knowledge of the quality product that is expected from us. DRMP is experienced in all phases of Subsurface Utility Engineering (SUE).

The support that DRMP will provide to Engenuity Group and the City of Pembroke Pines will be time-conscious, accurate and complete. We will respond to SUE requests within one business day with a call to arrange a scope meeting. Once the scope is finalized, we will present a fee and schedule proposal to the City.

Commitment to Safety: DRMP's surveying and SUE staff routinely participate in formal monthly safety briefings, and informal on-site safety meetings to discuss pertinent safety issues that may arise during a work day. Our survey and utility field crews are Intermediate Maintenance of Traffic/Temporary Traffic Control certified, CSX Roadway Worker Certified, and Permit Required Confined Space Entry Certified. DRMP has a certified CSX and Confined Space Entry instructor on staff to ensure that new staff is full trained and that current staff refresher training is kept up-to-date.

Subsurface Utility Engineering (SUE)

DRMP subsurface utility crews outfitted with Ground Penetrating Radar (GPR), Electro Magnetic (EM) utility locating equipment, trailer and truck mounted vacuum excavation equipment, and surveying equipment to provide full service utility location and mapping. Prior to commencing any SUE work, DRMP will contact utility companies identified by Sunshine State One Call to obtain as-built drawings. DRMP's staff will also coordinate with the County, local municipalities, and state agencies to secure any required permits allowing our crews to work within right of ways, roadways and properties.

Utility Designating: Our trained and experienced designating crews equipped with state-of-the-art locating equipment will designate, record, and mark the approximate horizontal location of all impacted buried facilities.

Utility Locating: Once the buried utilities have been designated and conflicts identified, our vac-crews will accurately locate each line horizontally and vertically by performing a test hole using air-vacuum excavation equipment. The center of each line or pipe, and the edges of ducts will be monumented at the ground surface for future surveying of each test hole. Also, the size, elevation, material, and general make up of each facility will be marked on the lath, sketched and recorded in the field book and on the field form. The work area will be repaired, resurfaced, and left in a condition equal to or better than before excavation.

Ground Penetrating Radar (GPR) Service: DRMP utilizes GPR to obtain a better picture of underground utilities, whether designating or locating utilities. DRMP is professionally trained and equipped to handle the entire gamut of GPR projects.

Expertise with Similar Projects for Municipalities

The Engenuity Group / DRMP Team is experienced in all facets of SUE services and fully comprehends the required schedule of events and associated timeframes to complete the tasks required on this continuing contract. Past experience has given DRMP the knowledge and expertise to anticipate potential scheduling problems and to direct the appropriate resources to those tasks at the right time. Our staff's experience and current availability will ensure that DRMP will meet the City's budgetary and schedule constraints.

The City of Pembroke Pines will receive the following advantages by selecting DRMP to provide Continuing Survey and Mapping Services:

- Experience in servicing municipal continuing services contracts
- Personnel qualified to handle multiple task orders at any given time
- Timely and cost-effective SUE services to meet the City's needs
- Quality Control built in from the initial field work to the final deliverables
- Fair and reasonable negotiations on task orders assigned under this contract

The full resources, experience and commitment of an established, reputable Florida firm AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

33. NAME AND TITLE

Joseph Di Benedetto, PLS



July 16, 2018

H. ADDITIONAL INFORMATION

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

McMahon has performed extensive Traffic Calming Studies for several municipalities including the City of Deerfield Beach and the City of Fort Myers. McMahon is currently demonstrating a breadth of services for South Florida government agencies:

Data Collection – McMahon collects turning movement counts, automatic traffic recorder counts, speed data, gap data, delay data, pedestrian counts and other relevant traffic data for several clients.

Bicycle and Pedestrian Master Plans – McMahon recently completed the City of West Palm Beach Bicycle Master Plan and the City of Bonita Springs PATH - A Bicycle & Pedestrian Master Plan. McMahon has begun designing the separated bicycle lanes along Cumberland Drive, two-way, cycle track along Flagler Drive and a combination of separated bicycle facilities, bicycle lanes and shared lane markings along Lake Avenue – All resulting from the City of West Palm Beach Bicycle Master Plan.

School Zone Evaluation – McMahon has conducted a school zone inventory for the City of Fort Myers public schools.

Trasr (Asset Management) – McMahon has developed a customized GIS software application for asset management that is used by several municipalities, including the City of Bonita Springs.

In-House Support – McMahon currently provides in-house support staff as needed to the City of West Palm Beach. McMahon also provides one (1) full-time and one (1) part-time, in-house support staff to FDOT, District Four for traffic operations and GIS services, respectively.

Traffic/Site Plan Reviews – McMahon has experience providing traffic and site plan reviews on behalf of Palm Beach Gardens, Tequesta, Fort Myers, and West Palm Beach

Safety Studies - McMahon conducts different types of transportation safety studies for FDOT, District Six. Safety studies can include in-depth crash reviews, Benefit/Cost and Net Present Value analyses.

Structural Analysis – McMahon conducts structural analysis of mast arms (Mathcad) and strain poles (Atlas) when signal modifications are required or when new signals are proposed. McMahon has performed these analyses for several public sector and private sector clients.

Lighting Analysis – McMahon prepares lighting analysis studies for corridors and intersections, typically resulting from safety studies conducted for FDOT, District Six.

SIGNATURE



b. DATE

7/17/2018

c. NAME AND TITLE

John S. DePalma, Principal

H. ADDITIONAL INFORMATION

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

THE TERRACON TEAM

Terracon is a 100 percent employee-owned consulting engineering firm providing quality services to clients. Since 1965, Terracon has evolved into a successful multi-discipline firm specializing in:

Terracon serves a diverse portfolio of private and public clients. By being responsive, resourceful, and reliable, we strive to exceed our clients' expectations for service, solutions, quality, and speed of delivery. Based on a deep understanding of our clients' needs, Terracon's commitment is centered around these key objectives.



Services available
in all **50** states

Vision

We continue to view our company as a vital and growing consulting firm of engineers and scientists, providing multiple related service lines to clients at local, regional, and national levels. All of our services are delivered on a timely basis with consistently high value and attention to client needs.

SERVICES WE PROVIDE



Environmental - Negotiating the complexities of environmental issues can be challenging and time consuming. Terracon relies upon demonstrated experience and knowledge of local conditions and regulations to deliver solutions that are timely, practical and make good business sense.



Facilities - As a facility owner, manager, or investor, you constantly face challenges in managing and maintaining systems and capital expenditures to optimize building performance and maximize the return on your investment. Terracon's facility consulting group serves as your valued partner in identifying, quantifying, prioritizing, and solving system performance deficiencies and the associated risks and liabilities to your building operations.



Geotechnical - Before owners can build highways, dams, buildings and other structures, they need a partner to help determine how the characteristics of the soil conditions on the site will react under the stress caused by the weight of the structure. Terracon is that partner.



Materials Testing - If you are an owner, contractor, or engineer associated with the design and construction of structures, you want to verify that the materials used during construction comply with the project specifications. To ensure today's buildings and infrastructure perform adequately during long time periods, proper selection, quality and workmanship of materials is vital. Terracon works with clients to minimize material replacements, reduce the likelihood of deterioration, avoid potential failures, and investigate and evaluate materials-related problems and failures when they do occur.

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

PSEN-18-02

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. DUNS NUMBER 099072266
2b. STREET 1280 North Congress Avenue, Suite 101			5. OWNERSHIP	
2c. CITY West Palm Beach	2d. STATE FL	2e. ZIP CODE 33409	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Richard Brown, EI – Engineering Project Manager			b. SMALL BUSINESS STATUS Certified SBE	
6b. TELEPHONE NUMBER (561) 655-1151	6c. E-MAIL ADDRESS rbrown@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 1980 1978 1986 1939	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	8		C10	Oxygen Development	2
38	Surveyors	15		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
				H11	Bay Colony	1
Total		28	0			

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE July 24, 2018
c. NAME AND TITLE Adam Swaney, PE – Principal-in-Charge	

1. SOLICITATION NUMBER (If any)
RFQ # PSEN-18-02


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


2a. FIRM (OR BRANCH OFFICE) NAME DRMP, Inc.			3. YEAR ESTABLISHED 2006		4. DUNS NUMBER 092710326	
2b. STREET 6853 SW 18th Street, Suite 310			5. OWNERSHIP			
2c. CITY Boca Raton		2d. STATE FL	2e. ZIP CODE 33433			
6a. POINT OF CONTACT NAME AND TITLE Adam K. Maze, PE, Office Leader			a. TYPE Corporation			
			b. SMALL BUSINESS STATUS N/A			
6b. TELEPHONE NUMBER 561.451.8124			6c. E-MAIL ADDRESS AMaze@drmp.com			
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED		8c. UNIQUE ENTITY IDENTIFIER	
Dyer, Riddle, Mills & Precourt, Inc.			1977		092710326	

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 <i>(see below)</i>
		(1) FIRM	(2) BRANCH			
02	Administrative	62	1	B02	Bridges	7
08	CADD Technician	22		C10	Commercial Building (low rise), Shopping Centers	1
12	Civil Engineer	30		C15	Construction Management	8
15	Construction Inspector	78		E02	Educational Facilities; Classrooms	2
16	Construction Manager	2		E09	Environmental Impact Studies, Assessments or Statements	3
19	Ecologist	1		G04	Geographic Information System Services	2
24	Environmental Scientist	8		H07	Highways; Streets; Airfield Paving; Parking Lots	7
29	GIS Specialist	4		H11	Housing (Residential, Multi-Family, Apts, Condos)	4
38	Land Surveyor	23	1	I04	Intelligent Transportation Systems	5
47	Planner: Urban/Regional	2		L02	Land Surveying	8
48	Project Manager	7		L06	Lighting (Exteriors; Streets; Memorials; Athletic Fields, Etc)	4
57	Structural Engineer	15	2	O01	Office Buildings; Industrial Parks	2
60	Transportation Engineer	46	3	P05	Planning (Community, Regional, Areawide and State)	1
62	Water Resources Engineer	13		P06	Planning (Site, Installation & Project)	1
	Other Employees (Engineer Intern)	24		P13	Public Safety Facilities	1
	Other Employees (Field Survey)	74	4	R04	Recreation Facilities (Parks, etc.)	2
				S04	Sewage Collection, Treatment and Disposal	2
				T03	Traffic & Transportation Engineering	7
				W02	Water Resources, Hydrology, Ground Water	7
				W03	Water Supply; Treatment and Distribution	2
Total		411	11			

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

The foregoing is a statement of facts

a. SIGNATURE	a. DATE
	7/17/2018
c. NAME AND TITLE	
Wayne D. Chalifoux, PE, President	

Architect-Engineer Qualifications				1. SOLICITATION NUMBER (if any) PSEN-18-02		
PART II – GENERAL QUALIFICATIONS						
<i>(If a firm has branch offices, complete for each specific branch office seeking work.)</i>						
2a. FIRM (OR BRANCH OFFICE) NAME Terracon Consultants, Inc.			3. YEAR ESTABLISHED 2005		4. UNIQUE ENTITY IDENTIFIER 607266629	
2b. STREET 5371 NW 33rd Avenue, Suite 201			5. OWNERSHIP			
			a. TYPE Corporation			
2c. CITY Fort Lauderdale	2d. STATE Florida	2e. ZIP CODE 33309	b. SMALL BUSINESS STATUS N/A			
6a. POINT OF CONTACT NAME AND TITLE Richard A. Minichiello, Vice President/Principal, Region Manager			7. NAME OF FIRM (If block 2a is a branch office) Terracon Consultants, Inc.			
6b. TELEPHONE NUMBER 954-741-8282			6c. E-MAIL ADDRESS Rich.Minichiello@terracon.com			
8a. FORMER FIRM NAME(S) (if any)			8b. YEAR ESTABLISHED		8c. UNIQUE ENTITY IDENTIFIER	
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	Administrative	447	2	A06	Airports	8
05	Archaeologist	9		B02	Bridges	8
06	Architect	13		C06	Churches	6
07	Biologist	8		C10	Commercial Building Retail (Low Rise)	10
08	CADD Technician	40		D01,D02	Dams, Dikes, Levees	7
12	Civil Engineer	58		E02	Educational; Classrooms	9
14	Computer Programmer/IT	62		E07	Energy Conservation; Renewable Energy	8
15	Construction Inspector	176		E09	EIS; Assessments	8
23	Environmental Engineer	75		E12,HO03	Env. Remediation, HTRW	9
24	Environmental Scientist	341	2	G04	Geographic Information System	2
26	Forensic (Building Diagnostic) Engineer	24	1	H07	Highways; Streets; Parking	10
27/55	Foundation/Geotechnical/Soils Engineer	367	4	H09	Medical Facilities	8
29	Geographic Info. Systems	3		H10	Hotels; Motels	7
30	Geologist	165	1	H11	Multi-Family Housing	8
36	Industrial Hygienist & Safety Specialists	82	1	I01,W01	Industrial; Manufacturing; Warehouse & Depots	10
40	Construction Materials/ Pavement Engineer	96		O01	Office Buildings	9
48	Project Manager	414	2	P04	Pipelines	8
58	Technician (Field & Testing Lab)	1801	19	P12	Power Gen, Transmission, Distribution	9
	Driller	200		R03	Railroad; Rapid Transit	6
	Bldg Enclosure/Roofing Consultants/Bldg Commissioning	36		R12	Roofing	4
	Structural Steel Inspector	30		S03	Seismic Designs and Studies	3
	Petrographer			S05	Soils/Geologic Studies; Foundations	10
	Certified Commercial Diver			S07	Solid Waste Facilities	8
	Other Employees	103		S13	Storm Water	6
	Geophysicist	10		T02	Testing and Inspection Services	10
				W02	Water Resources; Hydrology; Groundwater	6
	Total	4560	32	W03	Water Supply, Treatment; Distribution	7
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER				
a. Federal Work	8	1. Less than \$100,000		6. \$2 million to less than \$5 million		
b. Non-Federal Work	10	2. \$100,000 to less than \$250,000		7. \$5 million to less than \$10 million		
c. Total Work	10	3. \$250,000 to less than \$500,000		8. \$10 million to less than \$25 million		
		4. \$500,000 to less than \$1 million		9. \$25 million to \$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			
			July 18, 2018			
c. NAME AND TITLE						
Richard A. Minichiello, Vice President/Principal, Region Manager						

References

CIVIL ENGINEERING SERVICES REFERENCES

Client: Town of Ocean Ridge

Contact: James Titcomb, Town Manager

Phone: (561) 732-2635

Email: jtitcomb@oceanridgeflorida.com

Address: 6450 North Ocean Boulevard, Ocean Ridge, FL 33435

Client: Village of Wellington

Contact: Paul Schofield, Village Manager

Phone: (561) 791-4000

Email: pschofield@wellingtonfl.gov

Address: 14000 Greenbriar Boulevard, Wellington, FL 33414

Client: Town of Lake Clarke Shores

Contact: Dan Clark, Town Administrator

Phone: (561) 964-1515

Email: dclark@lakeclarke.org

Address: 1701 Barbados Road, Lake Clarke Shores, FL 33406

Client: Village of North Palm Beach

Contact: Charles Huff, Director of Special Projects

Phone: (561) 841-3369

Email: chuff@village-npb.org

Address: 501 U.S. Highway 1, North Palm Beach, FL 33408

Client: Village of Palm Springs

Contact: Kimberly Glas-Castro, Land Development Director

Phone: (561) 434-5086

Email: kglas-castro@vpsfl.org

Address: 226 Cypress Lane, Palm Springs, FL 33461

References

LAND SURVEYING SERVICES REFERENCES

Client: City of Palm Beach Gardens

Contact: Todd Engle, P.E.

Phone: (561) 804-7012

Email: tengle@pbgfl.com

Address: 10500 N. Military Trail, Palm Beach Gardens, FL 33410

Client: Village of Wellington

Contact: Paul Schofield, Village Manager

Phone: (561) 791-4000

Email: pschofield@wellingtonfl.gov

Address: 14000 Greenbriar Boulevard, Wellington, FL 33414

Client: Chen Moore & Associates, Inc.

Contact: Paula Fonseca, P.E.

Phone: (561) 746-6900

Email: pfonseca@chenmoore.com

Address: 500 S Australian Ave #850, West Palm Beach, FL 33401

Client: Village of North Palm Beach

Contact: Charles Huff, Director of Special Projects

Phone: (561) 841-3369

Email: chuff@village-npb.org

Address: 501 U.S. Highway 1, North Palm Beach, FL 33408

Client: Village of Palm Springs

Contact: Kimberly Glas-Castro, Land Development Director

Phone: (561) 434-5086

Email: kglas-castro@vpsfl.org

Address: 226 Cypress Lane, Palm Springs, FL 33461



40 Years of Superior Service
engenuity
ENGINEERS • SURVEYORS • GIS MAPPERS group inc.

TAB 3



Certified Minority Business Enterprise

City of Pembroke Pines

Professional Service Providers

(Architectural, Engineering, Surveying & Mapping)

Request for Qualifications No. PSEN-18-02

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:

03/06/2018 to 03/06/2020



Erin Rock, Secretary
Florida Department of Management Services



FLORIDA DEPARTMENT OF MANAGEMENT SERVICES
office of supplier
DIVERSITY
We serve those who serve Florida



40 Years of Superior Service
engenuity
group inc.
ENGINEERS • SURVEYORS • GIS MAPPERS

TAB 4



Other Completed Documents

City of Pembroke Pines

Professional Service Providers

(Architectural, Engineering, Surveying & Mapping)

Request for Qualifications No. PSEN-18-02

(OFFICE USE ONLY) Vendor number:

Please entirely complete this vendor information form along with the IRS Form W-9, and email to accountspayable@ppines.com

City of Pembroke Pines
Finance Department
601 City Center Way
Pembroke Pines, FL 33025

Vendor Information Form

Operating Name (Payee)	Engenuity Group, Inc.		
Legal Name (as filed with IRS)	Engenuity Group, Inc.		
Remit-to Address (For Payments)	1280 North Congress Avenue, Suite 101		
	West Palm Beach, FL 33409		
Remit-to Contact Name:	Lissette Rodriguez	Title:	Accounting Manager
Email Address:	lrodriguez@engenuitygroup.com		
Phone #:	561-655-1151	Fax #	561-832-9390
Order-from Address (For purchase orders)			
Order-from Contact Name:	Adam Swaney, PE	Title:	Vice President
Email Address:	aswaney@engenuitygroup.com		
Phone #:	561-655-1151	Fax #	561-832-9390
Return-to Address (For product returns)			
Return-to Contact Name	Adam Swaney, PE	Title:	Vice President
Email Address:	aswaney@engenuitygroup.com		
Phone #:	561-655-1151	Fax #	561-832-9390
Payment Terms:			

Type of Business (please check one and provide Federal Tax identification or social security Number)

☒ **Corporation**

Federal ID Number:

59-195-9840

☐ **Sole Proprietorship/Individual**

Social Security No.:

☐ **Partnership**

☐ **Health Care Service Provider**

☐ **LLC – C (C corporation) – S (S corporation) – P (partnership)**

☐ **Other (Specify):**

Name & Title of Applicant C. Andre Rayman, PSM - President

Signature of Applicant 

Date 07/12/18

Form **W-9**
(Rev. November 2017)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

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

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

Print or type.
See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. <div style="border: 1px solid black; padding: 2px;">Engenuity Group, Inc.</div>	
2 Business name/disregarded entity name, if different from above <div style="border: 1px solid black; height: 20px;"></div>	
3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____ Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) ▶ _____ </div> <div style="width: 45%;"> <input type="checkbox"/> C Corporation <input checked="" type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate </div> </div>	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>
5 Address (number, street, and apt. or suite no.) See instructions. <div style="border: 1px solid black; padding: 2px;">1280 North Congress Avenue, Suite 101</div>	Requester's name and address (optional)
6 City, state, and ZIP code <div style="border: 1px solid black; padding: 2px;">West Palm Beach, FL 33409</div>	
7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

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

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

Social security number									
or									
Employer identification number									
5	9	-	1	9	5	9	8	4	0

Part II Certification

Under penalties of perjury, I certify that:

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

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

Sign Here	Signature of U.S. person ▶	Date ▶ 07/17/2018
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General Instructions

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

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

Purpose of Form

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

- Form 1099-DIV (dividends, including those from stocks or mutual funds)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

Form **W-9**
(Rev. December 2014)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

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

Print or type
See Specific Instructions on page 2.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. DRMP, Inc.	
2 Business name/disregarded entity name, if different from above	
3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶ _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
5 Address (number, street, and apt. or suite no.) 941 Lake Baldwin Lane	Requester's name and address (optional)
6 City, state, and ZIP code Orlando, Florida 32814	
7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number									
			-			-			
or									
Employer identification number									
5	9	-	1	7	9	1	1	7	4

Part II Certification

Under penalties of perjury, I certify that:

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

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here	Signature of U.S. person 	Date ▶ 06/15/2018
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General Instructions

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

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

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

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

Form **W-9**
(Rev. November 2017)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

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

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

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
McMahon Associates, Inc.

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

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

☐ Individual/sole proprietor or single-member LLC

☐ C Corporation

☒ S Corporation

☐ Partnership

☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► _____

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

☐ Other (see instructions) ► _____

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.
8333 NW 53rd Street, Suite 450

6 City, state, and ZIP code
Doral, FL 33166

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

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

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

Social security number

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

or

Employer identification number

2	3	-	2	4	6	2	3	8	7
---	---	---	---	---	---	---	---	---	---

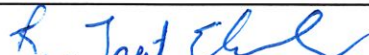
Part II Certification

Under penalties of perjury, I certify that:

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

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

Sign Here

Signature of U.S. person ► 

Date ► 5/17/18

General Instructions

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

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

Purpose of Form

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

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

Form **W-9**
(Rev. November 2017)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

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

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

Print or type. See Specific Instructions on page 3.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Terracon Consultants, Inc.		
	2 Business name/disregarded entity name, if different from above		
	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.		4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) <u>5</u> Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>
	<input type="checkbox"/> Individual/sole proprietor or single-member LLC <input checked="" type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate		
	<input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____ <small>Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.</small>		
	<input type="checkbox"/> Other (see instructions) ▶ _____		
	5 Address (number, street, and apt. or suite no.) See instructions. 10841 S Ridgeview Road		
6 City, state, and ZIP code Olathe, Kansas 66061			
7 List account number(s) here (optional)			
Requester's name and address (optional)			

Part I Taxpayer Identification Number (TIN)

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

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

Social security number									
or									
Employer identification number									
4	2		1	2	4	9	9	1	7

Part II Certification

Under penalties of perjury, I certify that:

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

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

Sign Here

Signature of U.S. person ▶

Sheryl Cooper

Date ▶ July 17, 2018

General Instructions

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

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

Purpose of Form

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

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.



City of Pembroke Pines

Attachment C

NON-COLLUSIVE AFFIDAVIT

BIDDER is the ,
(Owner, Partner, Officer, Representative or Agent)

BIDDER is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;

Such Bid is genuine and is not a collusive or sham Bid;

Neither the said BIDDER nor any of its officers, partners, owners, agents, representative, employees or parties in interest, including this affidavit, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other BIDDER, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted; or to refrain from bidding in connection with such Contract; or have in any manner, directly or indirectly, sought by agreement or collusion, or communications, or conference with any BIDDER, firm, or person to fix the price or prices in the attached Bid or any other BIDDER, or to fix any overhead, profit, or cost element of the Bid Price or the Bid Price of any other BIDDER, or to secure through any collusion conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed Contract;

The price of items quoted in the attached Bid are fair and proper and are not tainted by collusion, conspiracy, connivance, or unlawful agreement on the part of the BIDDER or any other of its agents, representatives, owners, employees or parties in interest, including this affidavit.

Printed Name/Signature

Title

Name of Company



City of Pembroke Pines

Attachment D

**SWORN STATEMENT
ON PUBLIC ENTITY CRIMES
UNDER FLORIDA STATUTES CHAPTER 287.133(3)(a).**

1. This sworn statement is submitted Engenuity Group, Inc. (name of entity submitting sworn statement) whose business address is 1280 North Congress Avenue, West Palm Beach, FL 33409 and (if applicable) its Federal Employer Identification Number (FEIN) is 59-1959840. (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: .)

2. My name is C. Andre Rayman, PSM and my
(Please print name of individual signing)

relationship to the entity named above is to serve as President.

3. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid, proposal, reply, or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

4. I understand that a "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

5. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
 1. A predecessor or successor of a person convicted of a public entity crime: or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The Cityship by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

6. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which otherwise transacts or applies to transact business with a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
7. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **(Please indicate which statement applies.)**

☒ A) Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

☐ B) The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND **(Please indicate which additional statement applies.)**

☐ B1) There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. **(Please attach a copy of the final order.)**

☐ B2) The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. **(Please attach a copy of the final order.)**

☐ B3) The person or affiliate has not been placed on the convicted vendor list. **(Please describe any action taken by or pending with the Department of General Services.)**

C. Andre Rayman, PSM

Bidder's Name/Signature

Engenuity Group, Inc.

Company

07/12/18

Date

CONTACT INFORMATION FORM

IN ACCORDANCE WITH “RFQ # PSEN-18-02” titled “**Professional Service Providers (Architectural, Engineering, Surveying & Mapping)**” attached hereto as a part hereof, the undersigned submits the following:

A) Contact Information

The Contact information form shall be electronically signed by one duly authorized to do so, and in case signed by a deputy or subordinate, the principal's properly written authority to such deputy or subordinate must accompany the proposal. This form must be completed and submitted through www.bidsync.com as part of the bidder's submittal.

COMPANY INFORMATION:

COMPANY:

STREET ADDRESS:

CITY, STATE & ZIP CODE:

PRIMARY CONTACT FOR THE PROJECT:

NAME: TITLE:

E-MAIL:

TELEPHONE: FAX:

CORPORATE OFFICER AUTHORIZED APPROVER:

NAME: TITLE:

E-MAIL:

TELEPHONE: FAX:

SIGNATURE:

PROFESSIONAL SERVICES FORM

Please check the boxes shown below that your company wants to be considered for:

<input checked="" type="checkbox"/>	General Civil and Environmental Engineering Services
<input type="checkbox"/>	Treatment Plant Process Engineering Services
<input type="checkbox"/>	Electrical Engineering Services
<input type="checkbox"/>	Geotechnical Services
<input type="checkbox"/>	Structural Engineering Services
<input checked="" type="checkbox"/>	Land Surveying Services
<input type="checkbox"/>	General Architectural Services
<input type="checkbox"/>	Landscape Architecture Services
<input type="checkbox"/>	Hydro-Geological Services
<input type="checkbox"/>	FDOT Roadway Engineering Services



EQUAL BENEFITS CERTIFICATION FORM FOR DOMESTIC PARTNERS AND ALL MARRIED COUPLES

Except where federal or state law mandates to the contrary, a Contractor awarded a Contract pursuant to a competitive solicitation shall provide benefits to Domestic Partners and spouses of its employees, irrespective of gender, on the same basis as it provides benefits to employees' spouses in traditional marriages.

The Contractor shall provide the City and/or the City Manager or his/her designee, access to its records for the purpose of audits and/or investigations to ascertain compliance with the provisions of this section, and upon request shall provide evidence that the Contractor is in compliance with the provisions of this section upon each new bid, contract renewal, or when the City Manager has received a complaint or has reason to believe the Contractor may not be in compliance with the provisions of this section. Records shall include but not be limited to providing the City and/or the City Manager or his/her designee with certified copies of the Contractor's records pertaining to its benefits policies and its employment policies and practices.

The Contractor must conspicuously make available to all employees and applicants for employment the following statement:

“During the performance of a contract with the City of Pembroke Pines, Florida, the Contractor will provide Equal Benefits to its employees with spouses, as defined by Section 35.39 of the City's Code of Ordinances, and its employees with Domestic Partners and all Married Couples”.

The posted statement must also include a City contact telephone number and email address which will be provided to each contractor when a covered contract is executed.

SECTION 1 DEFINITIONS

1. **Benefits** means the following plan, program or policy provided or offered by a contractor to its employees as part of the employer's total compensation package which may include but is not limited to sick leave, bereavement leave, family medical leave, and health benefits.
2. **Cash Equivalent** mean the amount of money paid to an employee with a domestic partner or spouse in lieu of providing benefits to the employee's domestic partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee for his or her spouse from a traditional marriage.
3. **Covered Contract** means a contract between the City and a contractor awarded subsequent to the date when this section becomes effective valued at over \$25,000 or the threshold amount required for competitive bids as required in section 35.18(A) of the Procurement Code.
4. **Domestic Partner** shall mean any two (2) adults of the same or different sex who have registered as domestic partners with a governmental body pursuant to state or local law authorizing such registration, or with an internal registry maintained by the employer of at least one of the domestic partners. A contractor may institute an internal registry to allow for the provision of equal benefits to employees with domestic partners who do not register their partnerships pursuant to a governmental body authorizing such registration, or who are located in a jurisdiction where no such governmental domestic partnership registry exists. A

contractor that institutes such registry shall not impose criteria for registration that are more stringent than those required for domestic partnership registration by the City of Pembroke Pines.

5. **Equal benefits** means the equality of benefits between employees with spouses and/or dependents of spouses and employees with domestic partners and/or dependents of domestic partners, and/or between spouses of employees and/or dependents of spouses and domestic partners of employees and/or dependents of domestic partners.
6. **Spouse** means one member of a married pair legally married under the laws of any state within the United States of America or any other jurisdiction under which such marriage is legally recognized, irrespective of gender.
7. **Traditional marriage** means a marriage between one man and one woman.

SECTION 2 CERTIFICATION OF CONTRACTOR

The firm providing a response, by virtue of the signature below, certifies that it is aware of the requirements of Section 35.39 "City Contractors providing Equal Benefits for Domestic Partners and all Married Couples" of the City's Code of Ordinances, and certifies the following (**Check only one box below**):

- ☒ **A.** Contractor currently complies with the requirements of this section; or
- ☐ **B.** Contractor will comply with the conditions of this section at the time of contract award; or
- ☐ **C.** Contractor will not comply with the conditions of this section at the time of contract award:
or
- ☐ **D.** Contractor does not comply with the conditions of this section because of the following allowable exemption (**Check only one box below**):
- ☐ **1.** The Contractor does not provide benefits to employees' spouses in traditional marriages;
- ☐ **2.** The Contractor provides an employee the cash equivalent of benefits because the Contractor is unable to provide benefits to employees' Domestic Partners or spouses despite making reasonable efforts to provide them. To meet this exception, the Contractor shall provide a notarized affidavit that it has made reasonable efforts to provide such benefits. The affidavit shall state the efforts taken to provide such benefits and the amount of the cash equivalent. Cash equivalent means the amount of money paid to an employee with a Domestic Partner or spouse rather than providing benefits to the employee's Domestic Partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee's spouse;
- ☐ **3.** The Contractor is a religious organization, association, society, or any non-profit charitable or educational institution or organization operated supervised or controlled by or in conjunction with a religious organization, association, or society;
- ☐ **4.** The Contractor is a governmental agency;

The certification shall be signed by an authorized officer of the Contractor. Failure to provide such certification (by checking the appropriate boxes above along with completing the information below) shall result in a Contractor being deemed non-responsive.

COMPANY NAME:

AUTHORIZED OFFICER NAME / SIGNATURE:

**VENDOR DRUG-FREE WORKPLACE CERTIFICATION FORM****SECTION 1 GENERAL TERM**

Preference may be given to vendors submitting a certification with their bid/proposal certifying they have a drug-free workplace in accordance with Section 287.087, Florida Statutes. This requirement affects all public entities of the State and becomes effective January 1, 1991. The special condition is as follows:

IDENTICAL TIE BIDS - Preference may be given to businesses with drug-free workplace programs. Whenever two or more bids that are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drugfree workplace program shall be given preference in the award process. Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:


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 bid 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 bid, 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 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 each 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.

SECTION 2 AFFIRMATION

☒ Place a check mark here only if affirming bidder **complies fully** with the above requirements for a Drug-Free Workplace.

☐ Place a check mark here only if affirming bidder **does not** meet the requirements for a Drug-Free Workplace.

Failure to complete this certification at this time (by checking either of the boxes above) shall render the vendor ineligible for Drug-Free Workplace Preference. This form must be completed by/for the proposer; the proposer WILL NOT qualify for Drug-Free Workplace Preference based on their sub-contractors' qualifications.


Authorized Signature

C. Andre Rayman, PSM, President
Authorized Signer Name

Engenuity Group, Inc.
Company Name



PROPOSER'S QUALIFICATIONS STATEMENT

PROPOSER shall furnish the following information. Failure to comply with this requirement will render Bid non-responsive and shall cause its rejection. Additional sheets shall be attached as required.

PROPOSER'S Name and Principal Address:

Engenuity Group, Inc.

1280 North Congress Avenue, Suite 101

West Palm Beach, FL 33409

Contact Person's Name and Title: C. Andre Rayman, PSM - President

Contact Person's E-mail Address: arayman@engenuitygroup.com

PROPOSER'S Telephone and Fax Number: 561-655-1151 / 561-832-9390

PROPOSER'S License Number: 650317
(Please attach certificate of status, competency, and/or state registration.)

PROPOSER'S Federal Identification Number: 59-1959840

Number of years your organization has been in business 40

State the number of years your firm has been in business under your present business name 11

State the number of years your firm has been in business in the work specific to this solicitation:
40

Names and titles of all officers, partners or individuals doing business under trade name:

C. Andre Rayman, PSM, Keith Jackson, P.E., Lisa Tropepe, P.E., Adam Swaney, P.E.

The business is a: Sole Proprietorship ☐ Partnership ☐ Corporation ☒

IF USING A FICTITIOUS NAME, SUBMIT EVIDENCE OF COMPLIANCE WITH FLORIDA FICTITIOUS NAME STATUTE. (ATTACH IN PROPOSER EXHIBIT SECTION)



Under what former name has your business operated? Include a description of the business. Failure to include such information shall be deemed to be intentional misrepresentation by the City and shall render the proposer RFP submittals non-responsive.

SFRN, Inc. / Shalloway, Inc. / Shalloway, Foy, Schofield, Rayman & Newell, Inc.

Shalloway, Foy, Rayman & Newell, Inc. Although the business had different names, it
still operated as an engineering and land surveying firm.

At what address was that business located?

1201 Belvedere Road, West Palm Beach, FL 33405

Name, address, and telephone number of surety company and agent who will provide the required bonds on this contract:

Brown & Brown of Florida, Inc.

1661 Worthington Road, Suite 175, West Palm Beach, FL 33409 | 561-688-5077.

Agent: Chad Dorsey

Have you ever failed to complete work awarded to you. If so, when, where and why?

No.

Have you personally inspected the proposed WORK and do you have a complete plan for its performance?

No.



Will you subcontract any part of this WORK? If so, give details including a list of each subcontractor(s) that will perform work in excess of ten percent (10%) of the contract amount and the work that will be performed by each subcontractor(s).

Yes. Subconsultants include DRMP, Inc for Subsurface Utility Engineering, Terracon for Environmental Engineering, and McMahon Associates, Inc. for Traffic Engineering.

The foregoing list of subcontractor(s) may not be amended after award of the contract without the prior written approval of the Contract Administrator, whose approval shall not be reasonably withheld.

List and describe all bankruptcy petitions (voluntary or involuntary) which have been filed by or against the Proposer, its parent or subsidiaries or predecessor organizations during the past five (5) years. Include in the description the disposition of each such petition.

None.

List and describe all successful Bond claims made to your surety (ies) during the last five (5) years. The list and descriptions should include claims against the bond of the Proposer and its predecessor organization(s).

None.

List all claims, arbitrations, administrative hearings and lawsuits brought by or against the Proposer or its predecessor organizations(s) during the last (10) years. The list shall include all case names; case, arbitration or hearing identification numbers; the name of the project over which the dispute arose; and a description of the subject matter of the dispute.

None.



List and describe all criminal proceedings or hearings concerning business related offenses in which the Proposer, its principals or officers or predecessor organization(s) were defendants.

None.

Has the Proposer, its principals, officers or predecessor organization(s) been CONVICTED OF A Public Entity Crime, debarred or suspended from bidding by any government entity? If so, provide details.

None.

Are you an ☒ Original provider ☐ sales representative ☐ distributor, ☐ broker, ☐ manufacturer ☐ other, of the commodities/services proposed upon? If other than the original provider, explain below.

Have you ever been debarred or suspended from doing business with any governmental agency? If yes, please explain:

No.



Describe the firm's local experience/nature of service with contracts of similar size and complexity, in the previous three (3) years:

Engenuity has performed a variety of services for almost all municipalities within Palm

Beach County, as a prime or subconsultant. We are familiar with the interaction required to

communicate information to City staff. All proposals are in writing, telephone calls are documented

with memos, and meetings are documented by minutes. Project milestones are established before
service begins.

The PROPOSER acknowledges and understands that the information contained in response to this Qualification Statement shall be relied upon by CITY in awarding the contract and such information is warranted by PROPOSER to be true. The discovery of any omission or misstatement that materially affects the PROPOSER'S qualifications to perform under the contract shall cause the CITY to reject the Bid, and if after the award, to cancel and terminate the award and/or contract.

Engenuity Group, Inc.

(Company Name)

C. Andre Rayman, PSM /

(Printed Name/Signature)



Attachment L

I, C. Andre Rayman, President, on behalf of Engenuity Group, Inc.
 Print Name and Title Company Name

Engenuity Group, Inc.
Company Name

1. Does not participate in a boycott of Israel; and
2. Is not on the Scrutinized Companies that Boycott Israel list; and
3. Is not on the Scrutinized Companies with Activities in Sudan List; and
4. Is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;
and
5. Has not engaged in business operations in Syria.

Submitting a false certification shall be deemed a material breach of contract. The City shall provide notice, in writing, to the Contractor of the City's determination concerning the false certification. The Contractor shall have ninety (90) days following receipt of the notice to respond in writing and demonstrate that the determination of false certification was made in error. If the Contractor does not demonstrate that the City's determination of false certification was made in error then the City shall have the right to terminate the contract and seek civil remedies pursuant to Florida Statute § 287.135.

Section 287.135, Florida Statutes, prohibits the City from: 1) Contracting with companies for goods or services in any amount if at the time of bidding on, submitting a proposal for, or entering into or renewing a contract if the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, F.S. or is engaged in a boycott of Israel; and 2) Contracting with companies, for goods or services over \$1,000,000.00 that are on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector list, created pursuant to s. 215.473, or are engaged in business operations in Syria.

As the person authorized to sign on behalf of the Contractor, I hereby certify that the company identified above in the section entitled "Contractor Name" does not participate in any boycott of Israel, is not listed on the Scrutinized Companies that Boycott Israel List, is not listed on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector List, and is not engaged in business operations in Syria. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject the company to civil penalties, attorney's fees, and/or costs. I further understand that any contract with the City for goods or services may be terminated at the option of the City if the company is found to have submitted a false certification or 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.

C. Andre Rayman, PSM
Print Name / Signature

President
Title





40 Years of Superior Service
engenuity
group inc.
ENGINEERS • SURVEYORS • GIS MAPPERS

TAB 5



Professional Registration Certificates

City of Pembroke Pines

Professional Service Providers

(Architectural, Engineering, Surveying & Mapping)

Request for Qualifications No. PSEN-18-02

State of Florida

Department of State

I certify from the records of this office that ENGENUITY GROUP, INC. is a corporation organized under the laws of the State of Florida, filed on January 7, 1980.

The document number of this corporation is 650317.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on February 1, 2018, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the First day of February, 2018*



Ken DeFoner
Secretary of State

Tracking Number: CC2174889518

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

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

State of Florida

Department of State

I certify from the records of this office that DRMP, INC. is a corporation organized under the laws of the State of Florida, filed on December 27, 1977.

The document number of this corporation is 556073.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 11, 2018, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Eleventh day of January, 2018*



Ken Detjen
Secretary of State

Tracking Number: CC8040610768

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

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

State of Florida

Department of State

I certify from the records of this office that MCMAHON ASSOCIATES, INC. TRANSPORTATION ENGINEERS is a Pennsylvania corporation authorized to transact business in the State of Florida, qualified on November 25, 1987.

The document number of this corporation is P16962.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 3, 2018, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Third day of January, 2018*



Ken DeFoner
Secretary of State

Tracking Number: CC8657577435

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

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

State of Florida

Department of State

I certify from the records of this office that TERRACON CONSULTANTS, INC. is a Delaware corporation authorized to transact business in the State of Florida, qualified on December 31, 2003.

The document number of this corporation is F04000000114.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 16, 2018, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Sixteenth day of January, 2018*



Ken DeFoner
Secretary of State

Tracking Number: CC8210082311

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

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



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

License No.: **LB6603**

Expiration Date February 28, 2019

p. 109

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

ENGENUITY GROUP INC
1280 N CONGRESS AVE STE 101
WEST PALM BEACH, FL 33409-6377

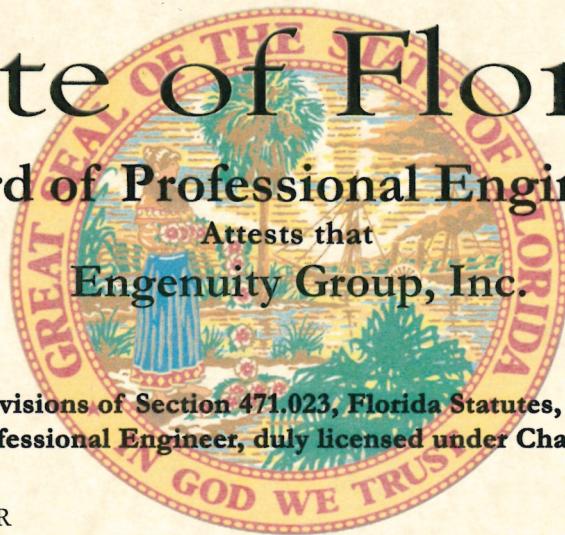
ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

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

State of Florida

Board of Professional Engineers

Attests that
Engenuity Group, Inc.



FBPE
FLORIDA BOARD OF
PROFESSIONAL ENGINEERS

Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 2/28/2019

Audit No: 228201901073 R

CA Lic. No:

7095



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

PSEN-18-02

License No.: **LB2648**

Expiration Date February 28, 2019

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

DRMP, INC.
941 LAKE BALDWIN LANE
ORLANDO, FL 32814

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE



Florida Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

McMahon Associates, Inc.
2090 PALM BEACH LAKES BLVD.
SUITE 400
WEST PALM BEACH, FL 33409

Each licensee is solely responsible for notifying the Florida Board of Professional Engineers in writing the licensee's current address.

Name changes require legal documentation showing name change. An original, a certified copy, or a duplicate of an original or certified copy of a document which shows the legal name change will be accepted unless there is a question about the authenticity of the document raised on its face, or because the genuineness of the document is uncertain, or because of another matter related to the application.

At least 90 days prior to the expiration date shown on this license, a notice of renewal will be sent to your last known address. If you have not yet received your notice 60 days prior to the expiration date, please call (850) 521-0500, or write, Florida Board of Professional Engineers, 2639 North Monroe Street, Suite B-112, Tallahassee, FL 32303-5268 or e-mail: board@fbpe.org. Our website address is <http://www.fbpe.org>.

State of Florida

Board of Professional Engineers

Attests that

McMahon Associates, Inc.

d/b/a: MCMAHON ASSOCIATES, INC. TRANSPORTATION ENGINEERS

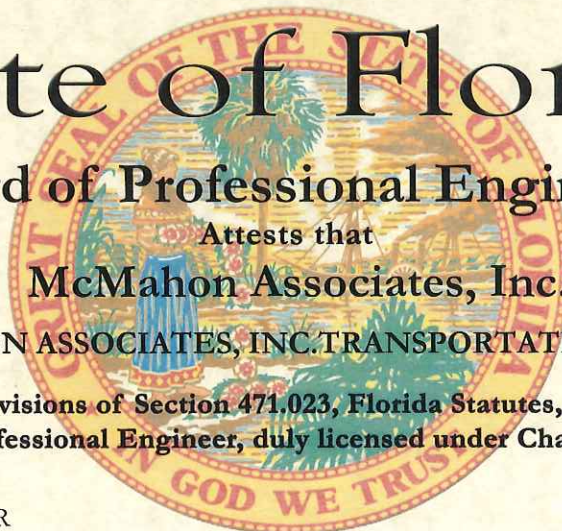
Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 2/28/2019

Audit No: 228201901769 R

CA Lic. No:

4908





Florida Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

Terracon Consultants, Inc.
18001 WEST 106TH STREET
OLATHE, KS 66061

Each licensee is solely responsible for notifying the Florida Board of Professional Engineers in writing the licensee's current address.

Name changes require legal documentation showing name change. An original, a certified copy, or a duplicate of an original or certified copy of a document which shows the legal name change will be accepted unless there is a question about the authenticity of the document raised on its face, or because the genuineness of the document is uncertain, or because of another matter related to the application.

At least 90 days prior to the expiration date shown on this license, a notice of renewal will be sent to your last known address. If you have not yet received your notice 60 days prior to the expiration date, please call (850) 521-0500, or write, Florida Board of Professional Engineers, 2639 North Monroe Street, Suite B-112, Tallahassee, FL 32303-5268 or e-mail: board@fbpe.org. Our website address is <http://www.fbpe.org>.

State of Florida

Board of Professional Engineers

Attests that
Terracon Consultants, Inc.

Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 2/28/2019

Audit No: 228201904806 R



FBPE
FLORIDA BOARD OF
PROFESSIONAL ENGINEERS

CA Lic. No:

8830

Supplier: **Engenuity Group, Inc.**



City of Pembroke Pines

Attachment C

NON-COLLUSIVE AFFIDAVIT

BIDDER is the **Partner**,

(Owner, Partner, Officer, Representative or Agent)

BIDDER is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;

Such Bid is genuine and is not a collusive or sham Bid;

Neither the said BIDDER nor any of its officers, partners, owners, agents, representative, employees or parties in interest, including this affidavit, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other BIDDER, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted; or to refrain from bidding in connection with such Contract; or have in any manner, directly or indirectly, sought by agreement or collusion, or communications, or conference with any BIDDER, firm, or person to fix the price or prices in the attached Bid or any other BIDDER, or to fix any overhead, profit, or cost element of the Bid Price or the Bid Price of any other BIDDER, or to secure through any collusion conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed Contract;

The price of items quoted in the attached Bid are fair and proper and are not tainted by collusion, conspiracy, connivance, or unlawful agreement on the part of the BIDDER or any other of its agents, representatives, owners, employees or parties in interest, including this affidavit.

Printed Name/Signature **C. Andre Rayman**

Title **President**

Name of Company **Engenuity Group, Inc.**

Supplier: **Engenuity Group, Inc.**



City of Pembroke Pines

Attachment D

**SWORN STATEMENT
ON PUBLIC ENTITY CRIMES
UNDER FLORIDA STATUTES CHAPTER 287.133(3)(a).**

1. This sworn statement is submitted **Engenuity Group, Inc.** (name of entity submitting sworn statement) whose business address is **1280 North Congress Avenue** and (if applicable) its Federal Employer Identification Number (FEIN) is **59-1959840**. (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: .)
2. My name is **C. andre Rayman, PSM** and my
(Please print name of individual signing)

relationship to the entity named above is **to serve as President**.
3. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid, proposal, reply, or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
4. I understand that a "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
5. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
 1. A predecessor or successor of a person convicted of a public entity crime: or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The Cityship by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
6. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any

natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which otherwise transacts or applies to transact business with a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

7. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **(Please indicate which statement applies.)**

☐ A) Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

☐ B) The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND **(Please indicate which additional statement applies.)**

☐ B1) There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. **(Please attach a copy of the final order.)**

☐ B2) The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. **(Please attach a copy of the final order.)**

☐ B3) The person or affiliate has not been placed on the convicted vendor list. **(Please describe any action taken by or pending with the Department of General Services.)**

C. Andre Rayman, PSM
Bidder's Name/Signature

Engenuity Group, Inc.
Company

07/23/18
Date

Supplier: **Engenuity Group, Inc.**

CONTACT INFORMATION FORM

IN ACCORDANCE WITH “RFQ # PSEN-18-02” titled “**Professional Service Providers (Architectural, Engineering, Surveying & Mapping)**” attached hereto as a part hereof, the undersigned submits the following:

A) Contact Information

The Contact information form shall be electronically signed by one duly authorized to do so, and in case signed by a deputy or subordinate, the principal's properly written authority to such deputy or subordinate must accompany the proposal. This form must be completed and submitted through www.bidsync.com as part of the bidder's submittal.

COMPANY INFORMATION:

COMPANY: **Engenuity Group, Inc.**

STREET ADDRESS: **1280 North Congress Avenue, Suite 101**

CITY, STATE & ZIP CODE: **West Palm Beach, FL 33409**

PRIMARY CONTACT FOR THE PROJECT:

NAME: **C. Andre Rayman, PSM** TITLE: **President**

E-MAIL: **arayman@engenuitygroup.com**

- TELEPHONE: **561-655-1151** FAX: **561-832-9390**

CORPORATE OFFICER AUTHORIZED APPROVER:

NAME: **C. Andre Rayman, PSM** TITLE: **President**

E-MAIL: **arayman@engenuitygroup.com**

- TELEPHONE: **561-655-1151** FAX: **561-832-9390**

SIGNATURE: **C. Andre Rayman, PSM**

Supplier: **Engenuity Group, Inc.**

PROFESSIONAL SERVICES FORM

Please check the boxes shown below that your company wants to be considered for:

<input checked="" type="checkbox"/>	General Civil and Environmental Engineering Services
<input type="checkbox"/>	Treatment Plant Process Engineering Services
<input type="checkbox"/>	Electrical Engineering Services
<input type="checkbox"/>	Geotechnical Services
<input type="checkbox"/>	Structural Engineering Services
<input checked="" type="checkbox"/>	Land Surveying Services
<input type="checkbox"/>	General Architectural Services
<input type="checkbox"/>	Landscape Architecture Services
<input type="checkbox"/>	Hydro-Geological Services
<input type="checkbox"/>	FDOT Roadway Engineering Services

Supplier: **Engenuity Group, Inc.**



City of Pembroke Pines

Attachment G

EQUAL BENEFITS CERTIFICATION FORM FOR DOMESTIC PARTNERS AND ALL MARRIED COUPLES

Except where federal or state law mandates to the contrary, a Contractor awarded a Contract pursuant to a competitive solicitation shall provide benefits to Domestic Partners and spouses of its employees, irrespective of gender, on the same basis as it provides benefits to employees' spouses in traditional marriages.

The Contractor shall provide the City and/or the City Manager or his/her designee, access to its records for the purpose of audits and/or investigations to ascertain compliance with the provisions of this section, and upon request shall provide evidence that the Contractor is in compliance with the provisions of this section upon each new bid, contract renewal, or when the City Manager has received a complaint or has reason to believe the Contractor may not be in compliance with the provisions of this section. Records shall include but not be limited to providing the City and/or the City Manager or his/her designee with certified copies of the Contractor's records pertaining to its benefits policies and its employment policies and practices.

The Contractor must conspicuously make available to all employees and applicants for employment the following statement:

“During the performance of a contract with the City of Pembroke Pines, Florida, the Contractor will provide Equal Benefits to its employees with spouses, as defined by Section 35.39 of the City's Code of Ordinances, and its employees with Domestic Partners and all Married Couples”.

The posted statement must also include a City contact telephone number and email address which will be provided to each contractor when a covered contract is executed.

SECTION 1 DEFINITIONS

1. **Benefits** means the following plan, program or policy provided or offered by a contractor to its employees as part of the employer's total compensation package which may include but is not limited to sick leave, bereavement leave, family medical leave, and health benefits.
2. **Cash Equivalent** mean the amount of money paid to an employee with a domestic partner or spouse in lieu of providing benefits to the employee's domestic partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee for his or her spouse from a traditional marriage.
3. **Covered Contract** means a contract between the City and a contractor awarded subsequent to the date when this section becomes effective valued at over \$25,000 or the threshold amount required for competitive bids as required in section 35.18(A) of the Procurement Code.
4. **Domestic Partner** shall mean any two (2) adults of the same or different sex who have registered as domestic partners with a governmental body pursuant to state or local law authorizing such registration, or with an internal registry maintained by the employer of at least one of the domestic partners. A contractor may institute an internal registry to allow for the provision of equal benefits to employees with domestic partners who do not register their partnerships pursuant to a governmental body authorizing such registration, or who are

located in a jurisdiction where no such governmental domestic partnership registry exists. A contractor that institutes such registry shall not impose criteria for registration that are more stringent than those required for domestic partnership registration by the City of Pembroke Pines.

5. **Equal benefits** means the equality of benefits between employees with spouses and/or dependents of spouses and employees with domestic partners and/or dependents of domestic partners, and/or between spouses of employees and/or dependents of spouses and domestic partners of employees and/or dependents of domestic partners.
6. **Spouse** means one member of a married pair legally married under the laws of any state within the United States of America or any other jurisdiction under which such marriage is legally recognized, irrespective of gender.
7. **Traditional marriage** means a marriage between one man and one woman.

SECTION 2 CERTIFICATION OF CONTRACTOR

The firm providing a response, by virtue of the signature below, certifies that it is aware of the requirements of Section 35.39 "City Contractors providing Equal Benefits for Domestic Partners and all Married Couples" of the City's Code of Ordinances, and certifies the following (**Check only one box below**):

- ☒ **A.** Contractor currently complies with the requirements of this section; or
- ☐ **B.** Contractor will comply with the conditions of this section at the time of contract award; or
- ☐ **C.** Contractor will not comply with the conditions of this section at the time of contract award:
or
- ☐ **D.** Contractor does not comply with the conditions of this section because of the following allowable exemption (**Check only one box below**):
- ☐ **1.** The Contractor does not provide benefits to employees' spouses in traditional marriages;
- ☐ **2.** The Contractor provides an employee the cash equivalent of benefits because the Contractor is unable to provide benefits to employees' Domestic Partners or spouses despite making reasonable efforts to provide them. To meet this exception, the Contractor shall provide a notarized affidavit that it has made reasonable efforts to provide such benefits. The affidavit shall state the efforts taken to provide such benefits and the amount of the cash equivalent. Cash equivalent means the amount of money paid to an employee with a Domestic Partner or spouse rather than providing benefits to the employee's Domestic Partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee's spouse;
- ☐ **3.** The Contractor is a religious organization, association, society, or any non-profit charitable or educational institution or organization operated supervised or controlled by or in conjunction with a religious organization, association, or society;
- ☐ **4.** The Contractor is a governmental agency;

The certification shall be signed by an authorized officer of the Contractor. Failure to provide such certification (by checking the appropriate boxes above along with completing the information below) shall result in a Contractor being deemed non-responsive.

COMPANY NAME: **Engenuity Group, Inc.**

AUTHORIZED OFFICER NAME / SIGNATURE: **C. Andre Rayman, PSM**



Attachment L

I, **C. Andre Rayman, President,** on behalf of **Engenuity Group, Inc.,**
 Print Name and Title Company Name

1. Does not participate in a boycott of Israel; and
2. Is not on the Scrutinized Companies that Boycott Israel list; and
3. Is not on the Scrutinized Companies with Activities in Sudan List; and
4. Is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; and
5. Has not engaged in business operations in Syria.

As the person authorized to sign on behalf of the Contractor, I hereby certify that the company identified above in the section entitled "Contractor Name" does not participate in any boycott of Israel, is not listed on the Scrutinized Companies that Boycott Israel List, is not listed on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector List, and is not engaged in business operations in Syria. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject the company to civil penalties, attorney's fees, and/or costs. I further understand that any contract with the City for goods or services may be terminated at the option of the City if the company is found to have submitted a false certification or 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.

President
Title

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