



CITY OF DELRAY BEACH
100 NW 1st AVENUE, DELRAY BEACH, FL 33444

AGREEMENT FOR PROFESSIONAL SERVICES
RFQ 2017-048 (918-42, 918-89, 906-56)

ENGENUITY GROUP, INC.

**AGREEMENT
FOR
PROFESSIONAL SERVICES (CCNA)**

AGREEMENT NO. RFQ 2017-048 (918-42, 918-89, 906-56)

THIS AGREEMENT is made and entered into this 31st day of August, 2017 (the "effective date"), by and between the **City of Delray Beach**, a Florida municipal corporation (hereinafter referred to as "City"), whose address is 100 NW 1st Avenue, Delray Beach, Florida, 33444, and **Engenuity Group, Inc.**, a Florida corporation (hereinafter referred to as "Consultant"), whose principal address is 1280 N. Congress Avenue, Suite 101.

WHEREAS, the City desires to retain the services of the Consultant to provide certain Professional Services in accordance with the City's Request for Qualifications RFQ 2017-048, Continuing Engineering, Surveying, and Landscaping Architectural Consulting Services (918-42, 918-89, 906-56), and the Consultant's response thereto, which are attached hereto and incorporated herein as Exhibit "A".

NOW, THEREFORE, in consideration of the mutual covenants and promises hereafter set forth, the Consultant and the City agree as follows:

ARTICLE 1. INCORPORATION OF REQUEST FOR QUALIFICATIONS

The terms and conditions of this Agreement shall include and incorporate the terms, conditions, and scope of services set forth in the City's Request for Qualifications, RFQ 2017-048, and the Consultant's response to the Request for Qualifications, including all addenda and documentation required thereunder.

ARTICLE 2. SCOPE OF SERVICES

The Consultant shall provide Professional Services to the City, under the following categories of work as defined in the Request for Qualifications:

- a. Category(s)
 - i. Engineering Services
 - ii. Surveying/Mapping Services
 - iii. Landscape Architectural Services

The Consultant shall provide the services on an as-needed and project-by-project basis, based on work requests from City departments through the issuance of Service Authorizations.

ARTICLE 3. COMPENSATION

The City shall pay the Consultant for performing the Services based on the Prices and Rates shown in Exhibit "B", which is attached hereto and incorporated herein.

ARTICLE 4. TERM

The term of this Agreement shall be from the effective date until August 30, 2022, unless terminated beforehand as provided for in Article 5. Nothing contained in the Request for Qualifications or this Agreement shall be construed by the Consultant as a guarantee of work from the City. The City reserves the right to extend the Agreement for one, two-year term, providing all terms conditions and specifications remain the same, both parties agree to the extension, and such extension is approved by the City.

At the City's request, the Consultant shall continue services beyond the final expiration date. This extension period shall not extend for more than one year beyond the final expiration date of the Agreement. The Consultant shall be compensated at the rate in effect when this extension period is invoked by the City.

ARTICLE 5. TERMINATION

a. This Agreement may be terminated by the City, with or without cause, upon providing written notice to the Consultant. This Agreement may be terminated by the Consultant upon thirty (30) days' prior written notice to the City. Upon any such termination, the Consultant waives any claims for damages from such termination, including, but not limited to, loss of anticipated profits. Unless the Consultant is in breach of this Agreement, the City shall pay the Consultant for services rendered through the date of termination in accordance with the terms of this Agreement.

b. The continuation of this Agreement beyond the end of any fiscal year shall be subject to both the appropriation and the availability of funds in accordance with Florida law.

ARTICLE 6. LAW, JURISDICTION, VENUE, WAIVER OF JURY TRIAL

This Agreement shall be interpreted and construed in accordance with and governed by the laws of the state of Florida. All Parties agree and accept that jurisdiction of any controversies or legal problems arising out of this Agreement, and any action involving the enforcement or interpretation of any rights hereunder, shall be exclusively in the state courts of the Fifteenth Judicial Circuit in Palm Beach County, Florida, and venue for litigation arising out of this Agreement shall be exclusively in such

state courts, forsaking any other jurisdiction which either party may claim by virtue of its residency or other jurisdictional device. **BY ENTERING INTO THIS AGREEMENT, SECOND PARTY AND CITY HEREBY EXPRESSLY WAIVE ANY RIGHTS EITHER PARTY MAY HAVE TO A TRIAL BY JURY OF ANY CIVIL LITIGATION RELATED TO THIS AGREEMENT. IF A PARTY FAILS TO WITHDRAW A REQUEST FOR A JURY TRIAL IN A LAWSUIT ARISING OUT OF THIS AGREEMENT AFTER WRITTEN NOTICE BY THE OTHER PARTY OF VIOLATION OF THIS SECTION, THE PARTY MAKING THE REQUEST FOR JURY TRIAL SHALL BE LIABLE FOR THE REASONABLE ATTORNEYS' FEES AND COSTS OF THE OTHER PARTY IN CONTESTING THE REQUEST FOR JURY TRIAL, AND SUCH AMOUNTS SHALL BE AWARDED BY THE COURT IN ADJUDICATING THE MOTION.**

ARTICLE 7. ATTORNEY'S FEES

Any costs or expense (including reasonable attorney's fees) associated with the enforcement of the terms and for conditions of this Agreement shall be borne by the respective Parties, however, this clause pertains only to the Parties to this Agreement.

ARTICLE 8. MISCELLANEOUS PROVISIONS

a. Notice Format. All notices or other written communications required, contemplated, or permitted under this Agreement shall be in writing and shall be sent by certified United States Mail, postage prepaid, return receipt requested, or sent by commercial express carrier with acknowledgement of delivery, or by hand delivery with a request for a written receipt of acknowledgment of delivery, addressed to the party for whom it is intended at the place last specified. The place for giving notice shall remain the same as set forth herein until changed in writing in the manner provided in this section. For the present, the Parties designate the following:

As to the City:

City of Delray Beach
100 NW 1st Avenue
Delray Beach, FL 33444
Attn: City Manager

With a copy to:

City of Delray Beach
200 NW 1st Avenue
Delray Beach, Florida 33444
Attn: City Attorney

As to the Consultant:

Engenuity Group, Inc.
1280 N. Congress Avenue, Suite 101
West Palm Beach, Florida 33409
Attn: Lisa A. Tropepe, Vice President

b. Headings. The headings contained in this Agreement are for convenience of reference only and shall not limit or otherwise affect in any way the meaning or interpretation of this Agreement.

c. The documents listed below are a part of this Agreement and are hereby incorporated by reference. In the event of inconsistency between the documents, unless otherwise provided herein, the terms of the following documents will govern in the following order of precedence:

- i. Terms and conditions as contained in this Agreement.
- ii. Terms and conditions of RFQ 2017-048.
- iii. Consultant's response to RFQ 2017-048 and any subsequent information submitted by Consultant during the evaluation and negotiation process.

(The remainder of this page intentionally left blank)

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the date hereinabove first written.

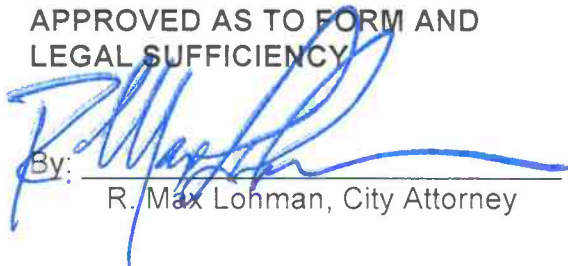
CITY OF DELRAY BEACH, FLORIDA

By: _____
Cary D. Glickstein, Mayor

ATTEST:

By: _____
Katerri Johnson, City Clerk

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY

By: _____
R. Max Lohman, City Attorney

CONSULTANT

By: 

Title: President

WITNESSES:

By: 

Print Name: Usicthe Rodriguez

By: 

Print Name: Nia L. Ankner

EXHIBIT A



**REQUEST FOR QUALIFICATIONS
RFQ NO. 17-048**

**CONTINUING ENGINEERING, SURVEYING, &
LANDSCAPE ARCHITECTURAL CONSULTING
SERVICES (918-42, 918-89, 906-56)**



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CHAPTER 1

LETTER OF INTENT

May 30, 2017

Selection Committee
City of Delray Beach, Florida
100 NW 1st Avenue
Delray Beach, FL 33444

Re: RFQ No. 2017-048 Continuing Engineering, Surveying, & Landscape Architectural Consulting Services (918-42, 918-89, and 906-56)



Dear Members of the Committee:

Engenuity Group, Inc. is pleased to present to the **City of Delray Beach** our team's qualifications to provide Professional Consulting Services on a continuing contract basis in the disciplines of Civil Engineering and Land Surveying. **Engenuity Group** is a local multi-disciplined firm providing Civil Engineering, Land Surveying, and GIS Mapping services for a wide variety of public and private sector clients. Located in West Palm Beach, Florida, the **Engenuity Group** team has 5 full-time Professional Engineers and 4 Professional Surveyors and Mappers with over 200 years of experience on staff who only work in Palm Beach County. **WE ARE LOCAL!**

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

2. Surveying and Mapping
4. Civil Engineering

Our local team of professionals clearly understands the work to be performed and your 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 **Delray Beach** a top priority client. Our team is led by individuals who have an unprecedented wealth of local experience pertaining to **Civil Engineering and Land Surveying Services** as outlined in your scope of services and potential projects list including the consultation, investigation, evaluation, planning, and design of engineering systems including surveying, permitting, bidding assistance, and construction administration of utilities, structures, buildings, and works systems. These services, give us a unique ability to manage projects from beginning to end.

Typical projects include: **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 any other civil engineering or surveying and mapping services that may be necessary for a project.**

For over 39 years, **Engenuity Group, Inc.** has been providing professional civil engineering services in Palm Beach County. We have made a conscious decision to specialize in being consultants for local governmental institutions, municipalities, and special districts. This niche comprises over 90 percent of our firm's business. We have provided services to many local agencies which are described in full detail within the contents of this proposal.

The Client Services Manager and Primary Representative for **Category 4. Civil Engineering** will be **Lisa A. Tropepe, P. E.**, and **Vice President**. The Client Services Manager and Primary Representative for **Category 2. Surveying and Mapping** will be **C. Andre Rayman, P.S.M.**, and **President**. Lisa and Andre will be the points of contact and are readily available twenty four hours a day, seven days a week for meetings with Staff and Commission, including attendance at evening Commission meetings. Their emails are ltropepe@engenuitygroup.com and arayman@engenuitygroup.com and cell phone numbers are (561) 762-8855 and (561) 818-6212 respectively. All work will be performed at our office located at 1280 N. Congress Ave., Suite 101, West Palm Beach, Florida 33409. Our main office telephone number is (561) 655-1151.

Because of **Engenuity Group's** experience working with governmental clients, we are keenly aware of budgetary restraints. This makes it even more important to perform efficiently and adhere to scheduling and budget requirements on all services provided. 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 **Delray Beach** expects. **WE ARE LOCAL!**

Thank you for your consideration. We hope that we have communicated our sincerity and commitment to provide professional studies/reports, civil design engineering, land surveying and mapping, permitting, bidding, and Construction Engineering and Inspection services to **Delray Beach**.

Based on our past performance, it is our sincere belief that if we are given the opportunity, Engenuity Group will provide to the City, top notch service at an economical cost that cannot be equaled.

Sincerely,
Engenuity Group, Inc.



Lisa A. Tropepe
Lisa A. Tropepe, P.E.
Vice President
Civil Engineering Lead



C. Andre Rayman
C. Andre Rayman, P.S.M.
President
Land Surveying Lead

Form A - Proposal Submittal Signature Page

By signing this Proposal, the Proposer certifies that it satisfies all legal requirements as an entity to do business with the City, including all Conflict of Interest and Code of Ethics provisions.

Firm Name: Engenuity Group, Inc.

Street Address: 1280 N. Congress Ave., Suite 101, West Palm Beach, FL 33409

Mailing Address (if different from Street Address):

Telephone Number(s): (561) 655-1151

Fax Number(s): (561) 832-9390

Email Address: ltropepe@engenuitygroup.com; arayman@engenuitygroup.com; bjackson@engenuitygroup.com

Federal Identification Number: 59-1959840

Acknowledged by:

Engenuity Group, Inc.

Firm Name



May 30, 2017

Signature

Date

Lisa A. Tropepe, PE / Vice President

Printed Name and Title

By signing this document, the Proposer agrees to all terms and conditions of this RFQ which includes the Sample Agreement.

THE EXECUTION OF THIS FORM CONSTITUTES THE UNEQUIVOCAL OFFER OF PROPOSER TO BE BOUND BY THE TERMS OF ITS PROPOSAL. FAILURE TO SIGN THIS SOLICITATION WHERE INDICATED ABOVE BY AN AUTHORIZED REPRESENTATIVE SHALL RENDER THE PROPOSAL NON-RESPONSIVE. THE CITY MAY, HOWEVER, IN ITS SOLE DISCRETION, ACCEPT ANY PROPOSAL THAT INCLUDES AN EXECUTED DOCUMENT WHICH UNEQUIVOCALLY BINDS THE PROPOSER TO THE TERMS OF ITS PROPOSAL.

Form A - Signature Authority

Indicate below Proposer's type of organization and provide the required documentation as applicable to demonstrate that the executor of Proposer's Proposal is duly authorized to execute on behalf of, and as the official act of, Proposer.

Select	Type of Organization	Officer Who Signed Proposal Submittal Signature Page	Required Authorizing Documentation
<input checked="" type="checkbox"/>	Corporation	President, Vice President, or Chief Executive Officer	None
<input type="checkbox"/>	Corporation	Director, Manager, or other title	Corporate resolution
<input type="checkbox"/>	Limited Liability Company (LLC) – Member-Managed	Member	Articles of Organization or Operating Agreement
<input type="checkbox"/>	Limited Liability Company (LLC) – Manager-Managed	Manager	Articles of Organization or Operating Agreement
<input type="checkbox"/>	Limited Partnership	General Partner	Document demonstrating the legal authority to bind the Limited Partnership
<input type="checkbox"/>	Partnership	Partner	None
		CEO, Director, Manager or other title	Authorizing documentation
<input type="checkbox"/>	Individual	Individual	None

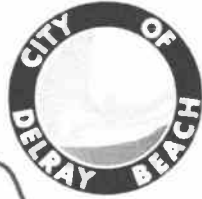
☒ **Documentation is not required.**

☐ **The required authorizing documentation is included with Proposal.**



CHAPTER 2

PROPOSER'S STATEMENT OF ORGANIZATION



RFQ No. 2017-048

STATEMENT OF ORGANIZATION

A. Engenuity Group, Inc.

B. Florida

C. S Corporation

D. FEID: 59-1959840 (**W9 attached**)

E. 1280 North Congress Avenue, Suite 101
West Palm Beach, FL 33409
(561) 655-1151

F. 1280 North Congress Avenue, Suite 101
West Palm Beach, FL 33409
(561) 655-1151



G. **Lisa A. Tropepe, P.E.**, Primary Civil Engineering Representative
Office: (561) 655-1151 ext.140 Mobile: (561) 762-8855
ltropepe@engenuitygroup.com
1280 North Congress Avenue, Suite 101, West Palm Beach, FL 33409

H. **C. Andre Rayman, P.S.M.** Surveying & Mapping (Secondary) Representative
Office: (561) 655-1151 ext.147 Mobile: (561) 818-6212
arayman@engenuitygroup.com
1280 North Congress Avenue, Suite 101, West Palm Beach, FL 33409

I. **C. Andre Rayman, P.S.M.**, 1280 North Congress Avenue, Suite 101, West Palm Beach, FL 33409, Office: (561) 655-1151 ext.147, Mobile: (561) 818-6212
Lisa A. Tropepe, P.E., 1280 North Congress Avenue, Suite 101, West Palm Beach, FL 33409, Office: (561) 655-1151 ext. 140, Mobile: (561) 762-8855
Keith B. Jackson, P.E., 1280 North Congress Avenue, Suite 101, West Palm Beach, FL 33409, Office: (561) 655-1151 ext.121 Mobile: (561) 758-8581

J. Engenuity Group, Inc. has no current or pending litigation.

K. There have been no ownership changes in the company in the past 3 years, nor are there are any anticipated in the six months following the submittal of this RFQ response.

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. Engenuity Group, 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.) 1280 N. Congress Ave., Suite 101	Requester's name and address (optional)
6 City, state, and ZIP code West Palm Beach, FL 33409	
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	9	5	9	8	4	0

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 ▶ **5/30/2017**

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.



CHAPTER 3

MINIMUM QUALIFICATIONS



RFQ No. 2017-048

MINIMUM QUALIFICATIONS REQUIREMENTS

OCCUPATIONAL LICENSES 2015-CURRENT (MINIMUM 24 MONTHS IN BUSINESS)



ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County
Serving you.

P.O. Box 3353, West Palm Beach, FL 33402-3353
www.pbctax.com Tel: (561) 355-2264

****LOCATED AT****

1280 N CONGRESS AVE SUITE
101
WEST PALM BEACH, FL 33409

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
56-0016 ENGINEER BUSINESS	ENGENUITY GROUP INC	7095	U16.681985 - 08/31/16	\$33.00	B40133520

This document is valid only when receipted by the Tax Collector's Office.

STATE OF FLORIDA
PALM BEACH COUNTY
2016/2017 LOCAL BUSINESS TAX RECEIPT

B1 - 245

ENGENUITY GROUP INC
ENGENUITY GROUP INC
1280 N CONGRESS AVENUE STE 101
WEST PALM BEACH, FL 33409



LBTR Number: 200819393
EXPIRES: SEPTEMBER 30, 2017

This receipt grants the privilege of engaging in or managing any business profession or occupation within its jurisdiction and **MUST** be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.



ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County
Serving you.

P.O. Box 3353, West Palm Beach, FL 33402-3353
www.pbctax.com Tel: (561) 355-2264

****LOCATED AT****

1280 N CONGRESS AVE SUITE
101
WEST PALM BEACH, FL 33409

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
56-0016 ENGINEER BUSINESS	ENGENUITY GROUP INC	7095	U16.100378 - 11/18/15	\$3.30	B40137563

This document is valid only when receipted by the Tax Collector's Office.

STATE OF FLORIDA
PALM BEACH COUNTY
2015/2016 LOCAL BUSINESS TAX RECEIPT

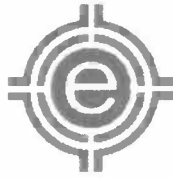
ENGENUITY GROUP INC
ENGENUITY GROUP INC
1280 N CONGRESS AVENUE STE 101
WEST PALM BEACH, FL 33409



LBTR Number: 200819393
EXPIRES: SEPTEMBER 30, 2016

This receipt grants the privilege of engaging in or managing any business profession or occupation within its jurisdiction and **MUST** be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.

**ENGENUITY GROUP, INC. HAS NO CONFLICTS OF
INTEREST IN RELATION TO THIS RFQ**



RFQ No. 2017-048

FIRM LICENSES

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



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

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.



RFQ No. 2017-048

INDIVIDUAL LICENSES

State of Florida

Board of Professional Engineers

Attests that

Lisa Anne Tropepe , P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201909423 R

P.E. Lic. No:

45408

State of Florida

Board of Professional Engineers

Attests that

Keith Byron Jackson , P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201906211 R

P.E. Lic. No:

37289

State of Florida

Board of Professional Engineers

Attests that

Adam C. Swaney , P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201910178 R

P.E. Lic. No:

72235



RFQ No. 2017-048

State of Florida

Board of Professional Engineers

Attests that

Edith T. L. Bamber, P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201925869 R

P.E. Lic. No:

69957

State of Florida

Board of Professional Engineers

Attests that

Chad E. Girard, P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201930983 R

P.E. Lic. No:

70872



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

License No.: **LS4938**

Expiration Date February 28, 2019

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

CHRISTOPHER ANDRE RAYMAN
8744 SE FAIRWINDS WAY
HOBE SOUND, FL 33455

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



RFQ No. 2017-048



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.: **LS6166**
Expiration Date February 28, 2019

Professional Surveyor and Mapper License
Under the provisions of Chapter 472, Florida Statutes

KEVIN MICHAEL BECK
4051 DORADO DRIVE
PALM BEACH GARDENS, FL 33418

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.



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.: **LS6667**
Expiration Date February 28, 2019

Professional Surveyor and Mapper License
Under the provisions of Chapter 472, Florida Statutes

JENNIFER C MALIN
11443 SILK CARNATION WAY
WEST PALM BEACH, FL 33411-4200

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.



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.: **LS2633**
Expiration Date February 28, 2019

Professional Surveyor and Mapper License
Under the provisions of Chapter 472, Florida Statutes

GARY MELVYN RAYMAN
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.



CHAPTER 4

PROPOSAL RESPONSE REQUIREMENTS



RFQ No. 2017-048

BACKGROUND & DISCIPLINES

Engenuity Group, Inc. would like to be considered for the following Professional Service Categories:

2. Surveying & Mapping

4. Civil Engineering

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

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

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

The firm consists of three owners, C. Andre Rayman, P.S.M., Keith B. Jackson, P.E., and Lisa A. Tropepe, P.E., and approximately 19 employees. C. Andre Rayman, P.S.M., joined the firm in 1988 and serves as the company's President. Keith B. Jackson, P.E. joined the firm in 1991 and serves as Vice President. Lisa A. Tropepe, P.E., joined the firm in 1993 and also serves as Vice President.

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



RFQ No. 2017-048

Some of our areas of expertise include GIS data collection and creation, NPDES reporting, expert witness, condemnation, grant applications, storm water analysis, drainage, wastewater collection and transmission, water distribution, roadways, permitting, construction observation, bidding, construction contract administration, boundary, topographic survey and hydrographic surveys, construction staking, legal descriptions, plat review and preparation, as-built record surveys, mean high water line survey, special purpose survey, and quantity survey.

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

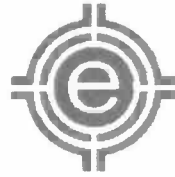
Because most of our clients are public agencies, we are familiar with the interaction required to communicate information. We understand that all direction comes from staff. All proposals are in writing. Telephone calls are documented with memos and meetings are documented with minutes. We are used to meeting with and presenting to council members to explain issues that are to be discussed at council meetings. Project milestones and completion dates are established before our services begin and the dates are met.

PAST PERFORMANCE RECORD

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

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

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



RFQ No. 2017-048

Our work on the Palm Beach Gardens Emergency Control and Operations Center received a LEED Silver certification, which is an award in itself.

Another project Engenuity Group performed all of the civil engineering design, permitting, and construction for is the Bay Colony neighborhood in Juno Beach. This project was the **Gold Winner for "Best New Community 2015"** by Professional Build Magazine and was awarded **"Top Builder for Closings 2015"** by the South Florida Business Journal.

Engenuity Group, Inc. has performed Civil Engineering Services on continuing contract for the following entities similar to work that would be performed in the City of Delray Beach:

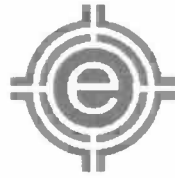
- City of Greenacres, Town of Highland Beach, , Town of Lake Clarke Shores, Town of Manalapan, Village of North Palm Beach, Town of Ocean Ridge, Village of Palm Springs, Village of Wellington, City of West Palm Beach, South Florida Fairgrounds, Loxahatchee River Environmental Control District, Palm Beach Atlantic University, Florida Atlantic University

We have also performed Professional Land Surveying Services on Continuing Contract for the following entities:

- City of Boynton Beach, City of Greenacres, Town of Highland Beach, Town of Lake Clarke Shores, City of Lake Worth, Town of Manalapan, Village of North Palm Beach, Town of Ocean Ridge, City of Palm Beach Gardens, Village of Palm Springs, City of Riviera Beach, Village of Wellington, City of West Palm Beach, City of Westlake.

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

In some of these instances where the entity does not have its own engineering department we act as the engineer, while in others that are larger we act as a consultant to that entities engineering and public works department. In addition to public clients we also have several large land development projects. Some of the recent ones we are currently working on include the **"Village Royale"** Project in Royal Palm Beach, FL, the **"Cove Royale"** Project in Martin County, and the **"Parkland Royale"** Project located in Parkland, FL in Broward County.



RFQ No. 2017-048

REFERENCES

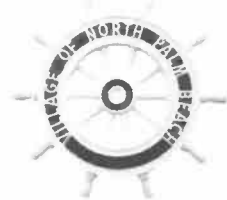
- **Village of Wellington**

Contact: Paul Schofield, Village Manager
14000 Greenbriar Blvd.
Wellington, FL 33414
P: (561) 791-4000
F: (561) 791-4045
pschofield@wellingtonfl.gov
Services from 1999- Current
Professional Civil Engineering & Land Surveying



- **Village of North Palm Beach**

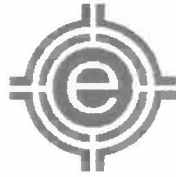
Contact: Charles Huff, Director of Community Development
501 U.S. Highway 1
North Palm Beach, FL 33408
P: (561) 841-3369
F: (561) 848-3344
chuff@village-npb.org
Services from 2003- Current
Professional Civil Engineering & Land Surveying



- **Town of Lake Clarke Shores**

Contact: Dan Clark, Town Administrator
1701 Barbados Road
Lake Clarke Shores, FL 33406
P: (561) 964-1515
F: (561) 793-9468
dclark@lakeclarke.org
Services from 1992- Current
Professional Civil Engineering & Land Surveying





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- **Town of Ocean Ridge**

Contact: James Titcomb, Town Manager
6450 North Ocean Blvd.
Ocean Ridge, FL 33435
P: (561) 732-2635
F: (561) 737-8359
jtcomb@oceanridgeflorida.com
Services from 2000-Current
Professional Civil Engineering & Land Surveying



- **Town of Manalapan**

Contact: Linda Stumpf, Town Manager
600 South Ocean Boulevard
Manalapan, FL 33462
P: (561) 383-2540
F: (561) 585-9498
lstumpf@manalapan.org
Services from 2003-Current
Professional Civil Engineering & Land Surveying



- **City of Greenacres**

Contact: Kara Irwin-Ferris, Planning & Engineering Director
5800 Melaleuca Lane
Greenacres, FL 33463
P: (561) 642-2045
F: (561) 642-2049
kirwinferris@ci.greenacres.fl.us
Services from 2004-Current
Professional Civil Engineering & Land Surveying





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- **Village of Palm Springs**

Contact: Kimberly Glas-Castro, Land Development Director
226 Cypress Lane
Palm Springs, FL 33461
P: (561) 434-5086
F: (561) 965-0899
Kglas-castro@vpsfl.org
Services from 2015-Current
Professional Civil Engineering & Land Surveying



- **City of West Palm Beach**

Contact: Uyen Dang, Senior Project Engineer
401 Clematis Street, 4th Floor
West Palm Beach, FL 33401
P: (561) 494-1087
kudang@wpb.org
Services from 2014-Current
Professional Civil Engineering & Land Surveying



WEST PALM BEACH

- **City of Palm Beach Gardens**

Contact: Todd Engle, P.E., City Engineer
10500 Military Trail
Palm Beach Gardens, FL 33410
P: (561) 804-7012
F: (561) 799-4134
tengle@pbgfl.com
Services from 2015-Current
Professional Civil Engineering & Land Surveying



PALM BEACH GARDENS
"A unique place to live, learn, work & play"

- **City of Riviera Beach**

Contact: Terrence Bailey, P.E., Community Development Director
600 Blue Heron Blvd.
Riviera Beach, FL 33404
P: (561) 845-4060
F: (561) 840-4038
tbailey@rivierabch.com
Services from 2014-Current
Professional Civil Engineering & Land Surveying





LISA A. TROPEPE, P.E.

CIVIL CLIENT SERVICE REPRESENTATIVE

Lisa Tropepe has a statewide reputation both for her Engineering expertise and her community leadership. She was appointed to the State Environmental Regulation Commission by Governor Jeb Bush and presided over the setting of the Phosphorus Standards in the Everglades. She serves on the Town Commission of Palm Beach Shores as Vice Mayor. She is Past President of the Palm Beach County League of Cities and serves as a Board Member for the Florida League of Cities.

Education

B.S., Civil Engineering, University of Miami, 1987

B.S., Architectural Engineering, University of Miami, 1987

Registration: State of Florida, Civil Engineering, P.E. #45408

Leadership & Awards

Vice Mayor- Town of Palm Beach Shores (2008 – 2009), (2011-2012), and (2016-Current)

Commissioner- Town of Palm Beach Shores (2003 – Present)

President- Palm Beach County League of Cities (2011-2012)

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- Board of Directors- Florida League of Cities (2011-Present)

Member- Executive Committee- Florida League of Cities (2016-2017)

Member- Board of Directors – Palm Beach County League of Cities (2005 – Present)

- o **Associate Member** (1999 – Present)

- o **Chair**- Home Rule Committee (2005 –2011)

- o **Chair**- It's the Economy (ITE) Committee (2011 - Present)

Member- Civil Engineering Department Advisory Council for Florida Atlantic University (2002 – 2004)

- Received 2007 League “**Defender of Home Rule Award**” from Palm Beach County League of Cities, Inc.
- Received 2005 **Technical Achievement Award** from Palm Beach Chapter of the Florida Engineering Society
- 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

Experience

Municipal Engineer:

Includes being a Town Engineer and Consulting Engineer for several municipalities. Work involves representation before Commission, retrofitting infrastructure improvements, plan reviews, homeowner consensus building, permitting approvals, design, construction administration, and bidding. Town Engineer for the Town of Ocean Ridge. Consulting Engineer for the Town of Manalapan, and the Village of Palm Springs. She is known as an innovator when dealing with aging infrastructure and complex infill projects. In 2005 she received the Technical Achievement Award from the Florida Engineering Society for a Stormwater Pumping project in Ocean Ridge. Ms. Tropepe was able to procure \$1.4 million from State and Federal grants for this innovative project in a densely populated area.

Water Control Plans/Plans of Reclamation:

Specializes in the preparation of 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 are also addressed. Expert testimony experience and benefit analysis for approving plans and funding include (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 in Ocean Ridge which received \$900,000 in Lake Worth Lagoon Grants and \$350,000 in a Federal 319 Grant.

Environmental Engineering:

Design, calculations, studies, reports, plans, permitting and contract observation services of projects within Monroe, Broward, St. Lucie and Palm Beach Counties. Projects include environmentally sensitive areas, dredge and fill, mitigation, revitalization and wetland creation, stormwater management and flood control. Projects/plans include: (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 Trail 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.

Civil Site Construction:

Design, calculations, studies, reports, plans, permitting, certifying and contract administration for private developers and governmental agencies. Includes paving, grading, drainage, stormwater management, water distribution, wastewater collection and transmission, dredge and fill, marinas, highway and construction administration.



KEITH B. JACKSON, P.E.

DIRECTOR OF ENGINEERING

Mr. Jackson is Engenuity Group's Client Service Manager for many of the firm's continuing service clients. He is responsible for overseeing all coordination, design and permitting for all civil engineering and transportation projects. Duties also include coordination with governmental agencies, managing outside professionals, contract administration, and construction administration.

Education

B.S., Civil Engineering, University of Florida, 1981

Registration: State of Florida, Civil Engineering, P.E. #37289

Experience

Mr. Jackson has extensive experience in the design and permitting of many different types of civil engineering projects for both private and governmental clients. As a consultant for the past 34 years, projects completed under his direction include an Exposition Hall Expansion and the new Director/Security Building for South Florida Fairgrounds, the Community Park for the Town of Lake Clarke Shores, the Village of Wellington Sidewalk Handicap Ramp Replacement Program, and the Warren Library at Palm Beach Atlantic University.

He designed a major agricultural pumping station in the Everglades Agricultural Area for Florida Crystals and other major land works including canals, water control structures, dikes, levees, access roads and staging areas. In conjunction with these projects he coordinated with farm owners in all areas including construction administration.

He has performed design engineering several highway projects throughout Palm Beach County including Sand Trail in Martin County, 13th & 11th Streets, and Avenue C for the Port of Palm Beach District, Market Street and Rosemary Avenue in the City of West Palm Beach, Southshore Boulevard in the Village of Wellington, and over 55 miles of roadway for Indian Trail Improvement District.

The design aspects for these projects include stormwater management and drainage design, coordination of survey data, extensive grading, curvature super elevation, utility coordination, earthwork analysis, maintenance of traffic, cost estimates, specifications, permitting and contract and construction administration.

Keith has designed many land development projects such as commercial centers and office buildings, residential, institutional and recreational facilities for private developers. This work includes paving, grading and drainage, water distribution, sewage collection and transmission, water management, client contact and coordination, governmental agency permitting and construction administration. Some examples of recent development projects Keith has provided services for include Parkland Royale, Village

Royale, Palm Beach Plaza, and the Citrus Grove Community Park in Martin County.

Representing the Town of Lake Clarke Shores, Village of North Palm Beach, the City of Greenacres, the Village of Wellington, the Westgate/Belvedere Homes Community Redevelopment Agency, and South Florida Fairgrounds as their Consulting Engineer, Mr. Jackson works extensively with several municipalities and drainage districts on capital improvement projects.

Keith provides services as the Engineer of Record and many other disciplines for Property Management companies as well. This includes rehabilitation and design of new facilities for many different communities. These clients include Terracina Community Development District, Century Village/Cenville Recreation, the Halcyon, Lang Management, Miami Management of the Palm Beaches, Riverbridge, Seacrest Services, Old Port Cove Condominium Association, Ranch Colony, Ironhorse, Grand Prix Village, and many other POA & HOA's.

Mr. Jackson also provides expert witness services for public and private clients relating to right-of-way takings for roadways, utilities and waterways.

Organizations & Honors

- Member of the Florida Engineering Society
 - State Director, Palm Beach Chapter (1998 – 2001)
 - Past President (1987-1988) of Palm Beach Chapter
- Received Engineer for the Year Award for American Society of Civil Engineers (2005)
- Received Engineer of the Year Award for the Florida Engineering Society (2001-2002)
- Received Young Engineer of the Year Award for Florida Engineering Society (1990-1991)
- Served on Scholarship, Awards, MATHCOUNTS, Chapter Activities, P.E. and E.I., Refresher Program, Membership Committees, Annual Meeting Steering Committee
- Member, American Public Works Association
- Member, National Society of Professional Engineers
- Member, Association of Eminent Domain Professionals
- Member, Central Palm Beach County Chamber of Commerce
- Chamber of Commerce of the Palm Beaches
 - Transportation Committee Chairman (1996-2000)



ADAM C. SWANEY, P.E.

PROJECT MANAGER

Mr. Swaney is a Project Manager and works with both public and private sector clients. He is responsible for water distribution systems, sanitary sewer and stormwater design and modeling, site grading and various agency permitting. Throughout his career he has also worked on many roadway improvements projects most recently performing the design for all new roads on a land development project located across the C-51 Canal from Southern Blvd. that was recently annexed into the Village of Royal Palm Beach.

Registrations & Certifications:

Professional Engineer, FL, 2011

Registration: State of Florida, Civil Engineering #72235

Education:

Bachelor of Science, Civil Engineering University of Florida, 2005

Professional & Civic Activities:

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.

Project Experience:

Wellington Municipal Complex, Wellington, FL:

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.

Boynton Plaza Publix Replacement, Boynton Beach, FL:

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 lift station design.

Lake Trask Subdivision, Dundee, FL:

The project is generally described as the development of 344 single family homes in the Town of Dundee, FL for Park Square Homes. Project included design of all utilities, drainage, roadway design and layout as well as specific lot design.

G-Star School of the Arts, Palm Springs, FL:

The Project is generally described as the construction of a sound stage of approximately 10,000 SF on the campus of the G-Star School of Arts. Design of water

and sewer services was provided for the facility as well as design of paving and drainage improvements.

Spencer Drive, West Palm Beach, FL:

Project consisted of the expansion of Spencer Drive from 2 to 5 lanes, between Okeechobee and Palm Beach Lakes (2,100 ft) including landscaping, irrigation, drainage, water and sewer improvements for the City of West Palm Beach.

FAU/UF Joint Use Facility, Davie, FL:

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.

FAU Engineering & Science Building, Boca Raton, FL:

The project includes the construction of a 120,000 square foot engineering and science building and associated site improvements. This project attained Platinum LEED Certification. The site is located on the Boca Raton Campus of Florida Atlantic University (FAU) within the City of Boca Raton.

Riverbend Park, Jupiter, FL:

A 170 acre public park that included the development of a Canoe Launch, campgrounds, restroom facilities, trails, water and sewer, bridges and roadways.

FDOT Reclaimed Water Study, Boca Raton, FL:

This study was performed on an existing reclaimed water irrigation system for FDOT and the purpose was determine if this system is creating possible TMDL violations in the drainage basin that the FDOT right-of-way is out falling into. The study area was limited approximately 5 miles along Glades Road and US1 in Boca Raton, FL.

Paradise Park Phase V, St Lucie County, FL:

The Project is generally described as a neighborhood improvements project for storm drainage and street improvements of 47 acres of single family homes. Project elements included a drainage study to model and analyze several scenarios and the design and permitting of the selected scenario.

East Parcel Annex, Palm Springs, FL:

The Project is described as the development of a two acre site containing a 21,000 SF office/retail building. Project elements included the design and permitting of a turn lane in FDOT right of way as well as all site civil design and permitting.

WRMC Bed Tower, Wellington, FL:

The project is described as the site development to accommodate a bed tower expansion at Wellington Regional Medical Center. This project included the construction of a new Liftstation and force main extension along Forest Hill Boulevard.



CHAD GIRARD, P.E.

PROJECT MANAGER

Mr. Girard is a highly skilled and experienced Civil Engineer who manages and performs the design and plan preparation on a variety of different projects including water, sewer, paving, grading, and drainage improvements as well as plans for new construction for both public and private clients.

Registrations & Certifications:

Professional Engineer, FL, 2010

Registration: State of Florida, Civil Engineering #70872

Qualified Stormwater Management Inspector #13849, 2006

Education:

Bachelor of Science, Civil Engineering, University of Florida, 2005

Professional & Civic Activities:

Member, American Society of Civil Engineers, 2004

Member, Florida Engineering Society, 2003

Member National Society of Professional Engineers, 2004

Project Experience:

Boca Raton Fire Support Building, Currie Sowards Aquila Architects,

Chad's responsibilities included water, sewer, paving, grading, and drainage design as well as permitting. He also assisted in inspections during construction. Site development and design for a 12,000 square foot fire support and operation facility, including engineering design and permitting. The project included design of the water distribution and sewage collection systems, stormwater drainage system and paving and grading plans. Services also included coordination with the City of Boca Raton, South Florida Water Management District and the Lake Worth Drainage District.

Boynton Beach Regional Force Main and Lift Station, City of Boynton Beach

Chad served as project engineer for a new regional lift station and 24-inch force main. This \$7.5 million project is significant because the City of Boynton Beach presently pumps all sanitary flow through a single 36-inch force main to the South Central Wastewater Treatment Plant. This new force main, which is approximately four miles long, will provide an emergency by-pass if the existing force main fails. The regional lift station wet well is being designed for an ultimate flow of 3,000 gpm as a triplex station. The pumps are designed for the current flow of 1,150 gpm utilizing two lower horsepower pumps in a duplex arrangement.

Carriage Pointe Off-Site Force Main, Shelby Homes, Inc.

Chad's responsibilities included design and permitting for the force main. This project consisted of survey, design, permitting and construction observation services for the extensions to Fort Pierce Utility Authority's sanitary sewer systems to serve Carriage Pointe and future developments along Edwards Road, Selvitz Road and South 25th Street. Services also included the design of 8,900 linear feet of 12" force main, including Ten Mile Creek Aerial Crossing and Five Mile Creek Bridge Attachments and a sanitary sewer lift station.

Fountains East, John Kennelly

Chad's responsibilities included paving, grading and drainage design for site development services to convert an existing 25-acre agricultural-commercial site into a 160,000-square-foot center of commerce. Design and permitting services included potable water distribution, sanitary sewer collection, surface water management, pavement and grading. Specific design efforts included turn lanes and driveway connections to Jog Road and Boynton Beach Boulevard and treating and routing stormwater runoff through a dry detention basin into the existing surface water management system of the PUD.

PGA Professional Design Center (Parcel 5B), Catalfumo Construction & Development

Chad's responsibilities included paving, grading and drainage design. He also assisted with permitting. This project involved site development for a 300,000-square-foot, 35-acre commercial development. The services included engineering design and permitting. The project also included design of the water distribution and sewage collection systems, stormwater drainage system, and paving and grading design.

Sunshine Square of Boynton Beach, Woolbright Development, Inc.

Chad's responsibilities included assisted with the paving, grading and drainage design. Sunshine Square is an existing 14-acre commercial site that is being redeveloped in two phases to accommodate both existing and future tenants. The project included the demolition and construction of existing structures and parking lots. Other services included improvements to the parking lot, water distribution system, sanitary sewer collection systems and the stormwater management systems.

Vista Parkway Median Landscaping, Northern Palm Beach County Improvement District

Chad's responsibilities included quality control of the landscaping and irrigation design as well as assisting with construction inspection. He was also the point of contact during construction. This project consisted of 2.1 miles of a 4-inch main line within the median as well as landscaping improvements and two pump stations.



TARA BAMBER, P.E.

PROJECT ENGINEER

Mrs. Bamber has experience in land development and water resources projects involving civil and environmental engineering. She has designed, permitted and performed construction administration for residential developments, roadway improvement and commercial site projects. She has also been involved in large scale Stormwater analysis projects. Recently, she has gained experience in program management as well.

Education & Registrations

B.S., Civil Engineering, Florida Institute of Technology, 2003
Registration: State of Florida, Civil Engineering No. 69957

Organizations & Honors

Florida Stormwater Association
Florida Engineering Society
National Society of Professional Engineers
American Society of Civil Engineers

Experience

Town of Palm Beach CIP Program Management

Mrs. Bamber 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.

RC-4 Canal Water Quality Improvements, Riviera Beach, Florida

This project 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.

State Road A-1-A, Blue Heron Bridge to Burnt Bridge, Riviera Beach, Florida

This project consisted of a Florida Department of Transportation (FDOT) road located on Singer Island in Riviera Beach and is approximately 3 miles in length. Mrs. Bamber was responsible as project engineer for reviewing final drainage design for quality control purposes.

Hydraulic Model Analysis, City of West Palm Beach, Florida

This project involved water distribution analysis of entire system for the City of West Palm Beach. Mrs. Bamber's tasks involved verifying water distribution system layout compared to available as-built plans. She was also responsible for researching other sources of information pertaining to the City's water system as well as using engineering judgment.

SFWMD- Caloosahatchee River Watershed Protection Plan; Lee, Hendry, Glades and Charlotte Counties, Florida

This project involved writing a Plan for the Caloosahatchee River Watershed under the SFWMD Northern Everglades and Estuaries Protection Program. Responsibilities included project manager, preparing large portions of the Plan, attending weekly and monthly meetings, and preparing meeting summaries.

City of Riviera Beach's Stormwater Master Plan

This project involved preparing 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.

Delray Beach Club Apartments Sewer Replacement

Mrs. Bamber was the Project Manager for this emergency project which involved the replacement of a collapsed Sanitary Sewer Line. She developed the complete plans and specifications for the new pipeline as well as assisted in obtaining the permits necessary for the new sewer line's construction. Once the plans were completed and ready for the construction phase of the project she obtained bids from qualified contractors and selected the best one to perform the line's replacement. She completed many site visits during the lines construction to ensure proper installation and coordination with contractor to meet the needs of the client.

Village of Palm Springs, FL

Mrs. Bamber works directly for the Village under a continuing contract for Civil Engineering services in which she performs site plan reviews for construction projects located within Village limits. She acts as a liaison between the Village and the architect/contractor/engineer that is proposing the new construction. Tasks include meeting with Village Staff and the applicants, researching the existing facilities and easements, reviewing the new architectural and engineering plans against Village codes and for quality control purposes and suggesting approval or denial of the construction to move forward. The deliverable on these projects is an approval or denial letter to Village Staff which is a suggestion on how the project should move forward. She has performed these services on many projects for the Village including:

- Burger King @ 3796 S. Congress Avenue
- The Oaks Adult Living Facility
- The True Tabernacle of Jesus Christ Church
- Village Palm Townhomes
- McDonald's on Forest Hill Blvd.
- Cumberland Farms @ Military Trail and Park Avenue
- Marathon Gas Station (APEC) @ 3276 S. Congress Avenue
- TD Bank @ 2735 10th Avenue North
- Mathews Mini Storage @ 2911 S. Military Trail
- ARA Palm Springs Dialysis Center



MARYORI VELASCO

PROJECT ENGINEER

Seasoned project engineer with experience and knowledge in construction and exhibition. Ms. Velasco has established a reputation as a great leader with the ability to communicate effectively with clients, to carry out projects within a timely and cost effective manner, and to determine the methods necessary to execute and achieve a successful outcome. Ms. Velasco is an efficient Civil Engineer with experience in both roadway and traffic engineering, equipped with knowledge in government regulations and drafting, as well as excellent problem solving and analytical skills.

Education

B.S., Civil Engineering, Florida International University, 2010

Organizations & Honors

American Society of Civil Engineers (ASCE)
Society of Hispanic Professional Engineers (SHPE)

Experience

South Florida National Cemetery Site Engineering/Inspections

Ms. Velasco was the site engineer for this project and she provided inspections services for the contractor performing all of the construction in the cemetery based on the Pollution Prevention Plans prepared by a different engineering firm. She was in charge of submitting Notice of Intent and Notice of Termination permits for the NPDES process to the Florida Department of Environmental Protection, and performing on-site inspections at least once every seven calendar days. In case of a storm event where rainfall equaled $\frac{1}{2}$ " or greater she reported on-site within 24 hours to ensure the pollution plan was being followed. After she performed the on-site inspections she wrote and submitted a report detailing her findings pursuant to the Florida Stormwater Erosion and Sedimentation Control Inspector's Manual.

South Florida Fairgrounds North Parking Lots Improvements

Ms. Velasco performed professional site engineering and drafting services at the South Florida Fairgrounds for the improvements project of the parking lots on the northern side of the property and the main entrance between gates 3 and 12. She produced both a conceptual plans and construction engineering drawings as well as submitted the associated permits for the project to agencies such as the Palm Beach County Engineering Department, the South Florida Water Management District, and the Lake Worth Drainage District. In addition to these services she also compiled and issued the bidding documents to general contractors and coordinated with sub-consultants.



C. ANDRE RAYMAN, P.S.M.

SURVEY CLIENT SERVICE REPRESENTATIVE

Mr. Rayman is a Registered Land Surveyor in the State of Florida and has over 29 years of experience in the surveying field. He is an expert at topographic, boundary, and tree surveys as well as basemaps, right-of-way maps, sketch and descriptions, and plat reviews. He has decades of experience in GIS mapping, data collection and analysis and has used that knowledge and experience

numerous times to coordinate with clients in developing their personal mapping systems.

Education

B.S., Surveying & Mapping, University of Florida, 1988

Registration: State of Florida, Surveying and Mapping, LS #4938

Organizations & Honors

- Florida Surveying and Mapping Society Palm Beach Chapter, Past President
- Florida Association of Cadastral Mappers
- American Congress on Surveying & Mapping
- Forest Hill High School Engineering Academy Adviser
- FES Mentor Program at Florida Atlantic University
- Palm Beach County League of Cities, Associate Member
- Florida Atlantic University Geomatics Engineering Advisory Committee, Past Executive Chairman, Board Member

Experience

City of Riviera Beach

- Right-of-way maps and parcel maps for Riviera Beach, 13th Street, 11th Street and Avenue "C". (Port of Palm Beach)
- Boundary survey of City Hall
- Sketch and descriptions for access easements for Utility Plant
- Topographic Survey of West 36th Street
- Boundary Survey at 1101 W. 13th Street
- Topographic Survey of 13th Street (Dixie Highway to Avenue P)
- Topographic Survey of Blue Heron Blvd/Avenue P intersection
- Topographic Survey of proposed Public Works complex
- Riviera Beach Storm water data collection for GIS
- Topographic survey of Avenue T and RC-5 Canal
- Topographic Survey of Avenue S and 23rd Street
- Topographic survey of utility plant for design.

Northern Palm Beach County Improvement District

- Plat Review
- Basemaps for Various Projects
- Created Sketch and Descriptions for Easements

- GIS Coordination

Village of North Palm Beach

- Topographic Survey for Bulkhead Design/Retrofit
- Golf Course Boundary Definition for new Golf Course Layout
- Plat review
- Basemap and Sketch/Description for Carolinda Drive

Town of Lake Clarke Shores

- Review Plats
- Topographic and Boundary Survey of Town Hall
- Cross Sections of LWDD Canal and Topographic Survey of City Park adjacent to Forest Hill Blvd
- Develop Property Ownership GIS

Town of Ocean Ridge

- Various Base Map Projects for Stormwater Design including Tropical Drive, Coconut Lane, A-1-A corridor
- Review of Plats

Town of Highland Beach

- Various Sketch and Descriptions
- Basemaps for GIS for Water Distribution Systems

Town of Manalapan

- Boundary Survey of Town Hall
- Sketch for Sign Easement

City of Greenacres

- Review of Plats
- Miscellaneous Sketch and Descriptions
- Topographic survey of Alleyway project
- Topographic Survey of "A" and "B" canals

Indian Trails Improvement District

- Topographic Survey for Berm Repair
- MO Canal Project
- Developed digital map and database

Loxahatchee River Environmental Control District

- Topographic survey of the Tequesta Country Club for gravity sewer design
- Topographic survey of the Bermuda Terrace area for gravity sewer design
- Topographic survey of Anchorage Point for gravity sewer design
- Topographic survey of Loxahatchee River Road for low pressure sewer design
- Topographic survey of Jonathon Dickinson Boyscout camp for low pressure sewer



KEVIN M. BECK, P.S.M.

DIRECTOR OF SURVEYING

Mr. Beck has been providing surveying mapping services for over 28 year to both the public and private sectors in New York and Florida. His extensive experience includes boundary, topographic, as-built, quantity, ALTA/ASCM, right of way, large aerial, horizontal and vertical control, and other construction related surveys. He is currently responsible for directing the survey department and ensuring the accuracy of the work performed by the entire survey staff. He also

has been responsible for reviewing plat documents and sketch and descriptions on behalf of various municipalities. Mr. Beck also had experience in AutoCAD, GPS data collection utilizing both Topcon and Trimble data collectors, Trimble Geomatics Office, and Microsoft Office.

Education

St. Anthony's High School, Huntington, NY- Graduate

Registration: State of Florida, Survey and Mappers No. 6168

Experience

Mr. Beck has extensive experience as a land surveyor both in the office and in the field. He has successfully performed the following during his tenure in the industry.

City of Palm Beach Gardens, Florida

Mr. Beck is the main Project and Client Service Manager working directly with City Engineering, Todd Engle, P.E., for the City of Palm Beach Gardens under the continuing contract that was awarded to Engenuity Group in 2015. He has overseen many projects under this contract including preparation of boundary and topographic surveys as well as sketch and descriptions. The following is a sample of some of those project:

- 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

Palm Beach International Airport

Mr. Beck was the Project Manager for a multitude of projects performed for AECOM at the Palm Beach International Airport. Oversaw all crews and created record drawings for projects including the rehabilitation of Concourse A & B, the heavily used Air Cargo Apron, Taxiway C Rehabilitation, and the Baggage Handling system. He also completed a large report regarding above ground locations for the Airport's new Master Plan.

Solid Waste Authority

Mr. Beck was the Project Manager for the Mass Burning Facility (Waste to Energy Plant) at the Solid Waste Authority of the Palm Beaches main facility off of Jog Road in West Palm Beach. Kevin oversaw crews and create record drawings for this 5 year effort. Engenuity worked under design professionals at CDMSmith and also for contractors including Hedrick Brothers, Scammel Construction, KBR, and Johnson-Davis.

Project Manager

- Prepared Plats, Sketch and Legal Descriptions, Boundary and Topographic Surveys, ALTA and Specific Purpose Surveys
- Prepared Point Key Sheets for field staking; reviewed plats for local government agencies in regards to Chapter 177, Florida Administrative Code and the interests of the particular Agency.
- Reduced and plotted of field notes.

Project Surveyor

- Prepared Sketch and Legal Descriptions, Boundary and Topographic, and ALTA surveys
- Pre-calculated Sectional information for field crews
- Coordinated field crew procedures in order to receive field information that meets Minimum Technical Standards as set forth in Chapter 61G17, Florida Administrative Code
- Oversaw transition from a manual hand-drafting format to an AutoCAD based drafting format through in-house training
- Helped increase client base to achieve a more diverse scope of surveying services provided
- Calculated aerial obstruction heights for Ft. Lauderdale International Airport runway expansion project
- Prepared Boundary and Topographic surveys; reduced and plotted field notes.

Organizations & Awards

- Florida Surveying and Mapping Society
 - * Palm Beach County Chapter President (2003-2006, 2011)
 - * District 6 Director (2011-Present)
- Florida Atlantic University Geomatics Engineering Advisory Committee
 - * Executive Chairman



JENNIFER MALIN, P.S.M.

PROJECT MANAGER

Mrs. Malin is a Registered Land Surveyor in the State of Florida. She has been working at Engenuity Group, Inc. since 2003 and has a superior understanding of surveying and mapping concerns in South Florida. She is a seasoned AutoCAD Drafter and always produces a superior quality of service in a timely manner. In addition to design surveys she has years of experience in creating estimates for surveying work for construction and design including proposals and fee breakdowns for hard bids. Her ability to study plans and interpret costs associated with performing the necessary work is exemplary, which is a task she has performed countless times.

Education

B.S., Surveying & Mapping, University of Florida

Registration: State of Florida, Surveying and Mapping, LS #6667

Organizations & Honors

Florida Surveying & Mapping Society Member- 2005 No. 8481

Qualified Stormwater Management Inspector

Experience

City of Delray Beach, Florida

Mrs. Malin has performed surveying services for a number of different projects in the City of Delray Beach under Foster Marine Contractors. Foster Marine was the successful bidder on these projects which were awarded based on a competitive hard bid process through the City's procurement department. Engenuity Group survey crews went onsite to these projects and performed layout services for Foster Marine to perform the site improvements. Post-construction as-built services were performed and the data was brought back into the office where it was downloaded and Mrs. Malin create the official record drawings for the improved sites. These projects include:

- NE 2nd Avenue/Seacrest Beautification & Roadway Improvements
- SE 4th Street Sidewalks Improvements
- SW 9th Ave., 10th Ave., & 2nd Terrace Roadway Improvements

Village of North Palm Beach, North Palm Beach, Florida

Mrs. Malin has completed various projects for the Village of North Palm Beach of which Engenuity Group, Inc. is the Village Engineer for. Some examples of these are as follows:

- NPDES Annual Reports
- Yacht Club Drive Bulkhead
- Golf Course Boundary for New Layout
- Various Sketches & Legal Descriptions
- Anchorage Park Topographic & Boundary Survey

Palm Beach International Airport, West Palm Beach, Florida

Engenuity Group, Inc. has an on-going contract as a sub-consultant for Surveying on many different airport jobs under AECOM including the new Commuter Taxiway, multiple Apron rehabilitations, and the new Baggage Handling Center. Mrs. Malin has performed the following at the Airport:

- Set-up on Control Network
- Topographic Surveys for different locations
- Construction Layouts

Haverhill Road, Palm Beach County, Florida

Mrs. Malin has worked on the preparation of Roadway Plans along Haverhill Road from Caribbean Blvd. to Beeline Hwy. This project has been ongoing since 2013 and has undergone many design changes which Mrs. Malin has been able to easily incorporate into her route survey for this project performed for the PBC Roadway Department.

Walkers Cay, North Abaco District, Bahamas

Starting in 2006 Mrs. Malin undertook a large project in the Bahamas on Walkers Cay. She, along with other Surveyors at Engenuity Group, Inc., created vast Topographic and Hydrographic Surveys of this northern-most island in the Caribbean Nation.

Northern Palm Beach County Improvement District, Jupiter, Florida

From 2002 until 2008 Engenuity Group, Inc. was the District Engineer for NPBCID. We provided many Civil Engineering & Surveying services to the District. Mrs. Malin did the following work:

- Sketches & Legal Descriptions
- Quality Control over Production of Facility Maps
- Boundary & Topographic Surveys for many various project

Town of Ocean Ridge, Ocean Ridge, Florida

Engenuity Group, Inc. has been the Town Engineer for the Town of Ocean Ridge, Florida since the year 2000 and still currently holds the contract there. We have done a truly incredible amount of project for the Town over the past 15 years in Civil Engineering, Land Surveying, & GIS Mapping. Jennifer has done work for the Town in the following areas:

- NPDES Reports
- Basemap creation for Village usage
- Topographic Survey for Stormwater Design

Solid Waste Authority, West Palm Beach, Florida

Engenuity Group, Inc. has been a sub-consultant for Surveying for multiple firms including Brown & Caldwell & CDMSmtih for projects for the SWA. Mrs. Malin has worked on them including the titanic Waste to Energy Plant. She performed the following services:

- Establish a Control Network
- Layout for Construction
- As-built Survey



GARY M. RAYMAN, P.S.M.

QUALITY CONTROL & PLAT REVIEWS

Mr. Rayman brings over 40 years experience to the firm including many port facilities, marine projects, large aerial surveys and other construction related surveys. Mr. Rayman is one of the original founders of the firm and is the head of our GIS department. He is a talented CAD Drafter and is an expert at collecting and analyzing data for GIS projects. Mr. Rayman also provides plat review services for many municipal clients.

Education

Land Surveyor Program, Guyana

Queen's College, Guyana

Registration: State of Florida, Surveying and Mapping #2633

Organizations & Honors

- Past Vice-President, Florida Surveying and Mapping Society
- Fellow, American Congress on Surveying and Mapping

Experience

Village of Wellington GIS Pilot Program

Mr. Rayman was tasked with accurately locating all the features within the right-of-ways as part of this project. The area encompassed approximately one square mile in the northwestern part of Wellington. The goal of the project was to determine the efficiency and time frame it would take to collect all the features for integration into Wellington's GIS System. The scope included the location of the following features: Paving, Curbing, Sidewalks, Signage, Utility Poles, Sanitary, Storm, Water, Barriers, Fencing, Striping, Mailboxes, Grounds and Buildings. In addition to the horizontal location of the features, the requirements included types, materials and conditions meeting GASB 34 assessment specifications as well as the vertical elevations of the Storm features.

Town of Lake Clarke Shores Various GIS Mapping Maintenance Projects

Mr. Rayman provided GIS services for the Town of Lake Clarke Shores including maintenance of the ownership map and other GIS products as needed. Engenuity designed the map, performs the updates, wrote an update manual, trained staff in the update process, and provides printed maps for use and resale. The ownership records are updated in a Microsoft Access Database by the town's staff and are provided to Engenuity prior to update. The ArcGIS map file (MXD) is provided for the town's staff to search for a parcel and print a small map in response to residents inquiries. Other GIS products produced have included a Zoning map and a Boat Ramp map.

City of West Palm Beach GIS Services for Planning, Zoning & Building Dept.

Mr. Rayman performed GIS professional services to the Department of Planning, Zoning, and Building of the City of West Palm Beach. Their Future Land Use and Zoning Datasets were updated with the counties most recent parcels and city ordinances. A new update procedure was devised and documented. Previous issues with mapping and updating (i.e. 'holes') were resolved. New Future Land Use and Zoning maps were produced along with organizing of the planning and building departments GIS data. A GIS data management plan was developed facilitating local backup of data along with the enterprise system. GIS analysis was performed to find businesses with more than a 5% change in proposed property taxes. Prototype Planner on call application datasets and Geocortex viewer were developed.

Tropical Storm Isaac GIS Damage Assessment

Mr. Rayman provided GIS services in support of Engenuity Group's Role as District Engineer to the Indian Trail Improvement District, located in central, western Palm Beach County near the area known as the Acreage. Mr. Rayman produced mapping of road closures, flooded intersections, and locations of damage assessment photos. GIS analysis was performed to estimate length of flooded roads. ArcOnline map application was set up to show frequent updates of road closures. GIS graphics and animations were produced for District Engineer's reports and presentations to ITID, FEMA and NRCS.

Municipal Plat Reviews

Mr. Rayman provides plat review services for a variety of different municipal clients on a continuing contract basis including:

- Village of North Palm Beach
- City of Riviera Beach
- City of Westlake
- Village of Royal Palm Beach
- City of Greenacres
- Village of Wellington
- Village of Palm Springs
- Town of Ocean Ridge

Gary is also an expert at the following:

- Preparation of record plats for many P.U.D.'s in both Palm Beach and Martin Counties. Piper's Glen and Whispering Sound are two examples.
- Creation of boundary and topographic surveys including those at Dyer Boulevard and the Lantana Land Fills for Solid Waste Authority.
- Staking for construction including the Phillips Point Tower and all foundations for the Palm Beach International Airport.
- Engineering surveys for the design of improvements including various parks for the Parks and Recreation Departments of Palm Beach County.



LUIS M. SANTALIZ

PROJECT SURVEYOR

Mr. Santaliz has recently joined the Engenuity Group surveying team after earning his B.S. in Surveying and Topographic Engineering at the University of Puerto Rico in Mayagüez. He has proven to be an expert at drafting with the latest AutoCAD software and is proficient with other programs such as MATLAB, Opus, and GIS Mapping software. He has previously worked in Puerto Rico for his University surveying the campus and working in their laboratory as a technician.

Education, Organizations, & Honors

B.S. Surveying & Topographic Engineering, University of Puerto Rico, 2015
Member, Palm Beach County Chapter, ASCE, 2014-Present
Member, Student Chapter of the Institute of Surveyors, 2014-Present
Member, ITE (Institute of Transportation Engineering), 2014-Present
Member, ACI (American Concrete Institute), 2015-Present
Member, Palm Beach County Chapter, FSMS, 2015-Present
1st Place Survey Team Winner, 2016 ASCE Southeast Student Conference

Experience

2015 CRA Sidewalks Improvements Project, City of Delray Beach CRA

Engenuity Group, Inc. was hired by Foster Marine Contractor's, Inc. to perform construction surveying services for the rehabilitation of the sidewalks located within the City of Delray Beach's Community Redevelopment Agency limits on SE 4th Street between Swinton Avenue and South Federal Highway. General services included the layout and record drawings for all swales, sidewalks, driveways, and 175 feet of curbing within the project's boundaries. Mr. Santaliz completed the AutoCAD drafting services for this project in connection with the preparation of the record drawings which were submitted to Foster Marine.

Boca Verde Trail, City of Boca Raton

Engenuity Group, Inc. was selected to be the surveyors on this project by West Construction, Inc., the General Contractor in charge of the trail's construction. It spans from Verde Trail South to Town Center Road and is a project for the City of Boca Raton. Engenuity Group provided layout for 1,683 feet of trail and gravity wall. Mr. Santaliz performed AutoCAD drafting services on this project which were used to produce the record drawings needed to complete the project.

Palmetto Park Road Bridge over LWDD E-1 Canal Improvements, Palm Beach Co.

Mr. Santaliz was in charge of the production of record drawings for this project located in Boca Raton, performed for the Palm Beach County Roadway Production Department. It involved the improvements of the sidewalks which

span either side of the bridge that crosses the LWDD E-1 canal on Palmetto Park Road. Engenuity Group, Inc. was hired by West Construction, Inc. to perform layout and record drawings services in 2016. Survey crews staked curbing, sidewalks, and then field located all improvements. Mr. Santaliz prepared record drawings which were submitted to contractor. Information recorded on record drawings included sidewalk, curbing, the barrier wall, traffic control boxes, PVC conduits, railings, and ramps.

South Florida National Cemetery (SFNC), City of Lake Worth

This project, located in Lake Worth Florida, was done under multiple contractors for improvements and expansion of the SFNC which is owned by the National Cemetery Administration. Engenuity Group's survey crews performed layout in the field and surveyors prepared record drawings for the many enhancements including new lots, irrigation, curbing around columbaria, and a memorial wall. Mr. Santaliz performed drafting services on the project which helped produce these record drawings for the contractors which included R & R Construction of Pittsburgh, PA, Frontier Construction Company of Deer River, MN, and C & C Contractors of Notasulga, AL.

Crestwood Blvd. North Streetscape, Phase II, Royal Palm Beach, FL

Engenuity Group, Inc. was contracted by Community Asphalt for the construction of Crestwood Boulevard North Streetscape Phase 2 Project for the Village of Royal Palm Beach. Mr. Santaliz provided professional surveying services for Crestwood Boulevard North from Saratoga Boulevard to Royal Palm Beach Boulevard including establishing horizontal and vertical control, Staking and grading Curbing, Staking and Grading Storm Structures, Field Locating all Storm, Irrigation, Signs and Electrical Pull Boxes, and Preparing Record Drawings. The record drawings were submitted to the Village and approved in November of 2016.

Norton Museum of Art Renovations

Engenuity Group was hired for the latest round of renovations for the Norton Art Museum located in West Palm Beach by CBT Architects in 2014 for Civil Engineering and Land Surveying services. Since then we have worked for many different players on the renovations including all architects, the Museum itself, and the contractors performing the construction. Mr. Santaliz has performed surveying services on the following tasks in connection with this project:

- Complete Boundary, Topographic and Tree Survey of the Norton property
- Re-platting of Norton Property
- Historic Cemetery Boundary Survey for subterranean crypts
- Boundary Survey of new roundabout on Olive Avenue
- Tree Survey of adjacent 328 Cranesnest Way
- Laser scan of iconic banyan tree in front of museum including roots
- Construction staking services for Gilbane based on engineering plans
- New FPL Easements & Sketch & Descriptions
- Construction staking and As-builts for water and sewer lines- Hughes Const.
- Topographic Survey of the Courtyard



KENDER LOUISIUS

PROJECT SURVEYOR

Mr. Louisius is a Land Surveyor with a background in Civil Engineering, and also specializes in GIS Mapping. A recent graduate of Florida Atlantic University, he has been an intern at Engenuity Group for a number of years and has performed civil engineering, GIS, and land surveying services on a multitude of projects. For his senior project at FAU he created a GIS Map of the entire Boca Raton Campus.

Education, Organizations, & Honors

B.S., Civil Engineering, Florida Atlantic University, 2017
Minor in Land Surveying/Geomatics Engineering, 2017
Member, Palm Beach County Chapter, ASCE

Experience

Town-Wide Roadway Evaluation Plan & GIS Mapping, Ocean Ridge, FL

In 2017, the Town of Ocean Ridge decided to do a study to evaluate the condition of the roadways throughout the entirety of the Town. Engenuity Group was tasked with performing this study, creating a ranking system showing the conditions on a grading system from A-D, producing a signage map of the town, coordinating with a Geotechnical Engineering firm to perform coring to do a subsurface evaluation, and working with Town Staff to come up with an improvements plan for future implementation. Mr. Louisius used GIS Software to produce the signage map that will be the new standard for the town showing the municipal boundary, all properties both residential and commercial, roadways and signage which includes an extensive legend of roadway signs found throughout the Town.

City of Pembroke Pines Parking Facility

Mr. Louisius performed surveying services in connection with the construction of a new parking facility in the City of Pembroke Pines, FL to accommodate motorists with business at the City Center, Civic Center, and City Hall. Engenuity Group was contracted by West Construction, Inc. to perform layout (staking and grading) and as-built/record drawings services for this project. Design aspects included storm structures, sidewalk, parking lot, curbing, gravity wall/guardrail, berms, swales, retention areas, and light poles. Kender used the data collected in the field to create the maps that were ultimately used as the record drawings for the project. In addition to his work in the office, he also assisted crews on-site for data collection and transmittal.

North Palm Beach County Airport, Palm Beach County Department of Airports

Mr. Louisius works both in the office and in the field as a crew member and has performed both field work on this project and checked data for accuracy in office. Engenuity Group is preparing a Topographic Survey as a sub-consultant to AECOM Technical Services, Inc. which has a contract with the Palm Beach County Department of Airports for General Aviation Engineering Services. Kender used a data collector in the field to obtain elevations on a 50 foot grid, not including trees, in order to build a Digital Terrain Model in AutoCAD Civil 3D. After obtaining the information in the field he uploaded the data in the office and checked it for accuracy.

Cumberland Drive & Saratoga Road Survey, City of West Palm Beach

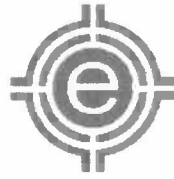
Kender assisted in the creation of Topographic Survey for McMahon & Associates, Inc. which holds a contract with the City of West Palm Beach for Traffic Engineering services. Kender assisted in the field by performing cross sections at 100 foot intervals along the length of the roads and spot elevations at all returns, median noses, sidewalk intersections, and along the right-of-way corner clips at intersections. In the office he performed plat and right-of-way research including easements as shown on plats.

Topographic Survey of Indian Road, Town of Lake Clarke Shores

Mr. Louisius assisted in the production of a Topographic Survey for AECOM, Inc. which has a contract for Utility Engineering for the Town of Lake Clarke Shores. He performed the AutoCAD drafting for the entire width of the road plus 5 feet outside of the right of way. The project length is approximately 930 feet.

City of Plantation Community Center

Engenuity Group, Inc. was contracted in 2016 by West Construction Inc. to perform professional surveying services for the construction of a new Community Center for the City of Plantation, located in Broward County, Florida. Mr. Louisius was responsible for collecting the data in the field with the assistance of a surveying field crew and uploading the GPS coordinates to create the record drawings for the project. Community Center features included the main building which required a Formboard Survey completed by Mr. Louisius, an asphalt driveway, curbing, sidewalk, a fountain and exercise area, and water and sewer line connections. In 2017 a retention pond was added to the scope which was incorporated into the final record drawings.



RFQ No. 2017-048

APPROACH TO PROJECT MANAGEMENT

At the onset of a project, the Engenuity Group primary representative, **Lisa A. Tropepe, P.E.** and secondary representative **Keith Jackson, PE**, will meet with the representative of the City of Delray Beach to develop the scope, deliverable, and delivery date. After this meeting the project manager will develop a



proposal for review by the City's staff. Once the proposal has been agreed to, the project manager will work with City's staff to establish the fee schedule.

Upon acceptance of the proposal and fee schedule by the City, the project manager will designate a team to work on the project to its completion. This team will be comprised of the professionals listed in this RFQ response. The project manager will be the direct liaison to the City, and will keep the City's Staff updated on the team's

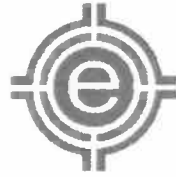
progress on a weekly basis. The project manager will also assign an independent quality control manager for the final quality control of the deliverable.

The project manager will also be responsible for providing invoices to the City in the agreed upon format, and will also be responsible for providing any back up information that the City might request.

CIVIL ENGINEERING

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

To achieve this goal with each client a pre-design or consensus building meeting (s) is held to communicate design intent and expectations of deliverables. If desired, coordination meetings are routinely held to facilitate the design and incorporate new ideas or direction. Engenuity Group prides itself on quality control procedures that include the independent review of completed plans by two other professionals, one for engineering and one for constructability. Review of required permits in the pre-design meeting helps determine submittal timing at design completion for expediting the permit critical path.



RFQ No. 2017-048

Design and Permitting

Progress drawings are submitted to the client for review at completion of the topographic survey, midway through design, and at ninety-five percent complete, as a minimum. Quality control procedures include checking of calculations and independent review of the construction drawings by two other professionals, one for engineering and one for constructability. A set of drawings that are well prepared and easy to read will result in lower bids and ease of construction.

Our technical specifications have been developed and tested over the 30 year existence of our firm. We use the format and numbering system developed by the Construction Specifications Institute (CSI). The CSI numbering system and section format organizes specifications to provide efficient information retrieval by the contractor, the engineer, and the client. Our specification writer has been trained by the CSI.

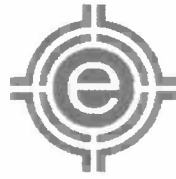
Because we have been in business in Palm Beach County for 35 years, Engenuity Group is very familiar with the process of obtaining permit approvals for a wide variety of projects. We specialize in difficult permitting approvals. We have up-to-date copies of all applicable codes in our computer database and have worked with many of the permit reviewers on multiple occasions. It is our policy to meet with the permit reviewers to discuss the design criteria and their concerns before we start design.

Construction Documents

Engenuity Group utilizes construction documents that are standard to the engineering industry and were developed by the Engineers Joint Contract Documents Committee. These documents are the products of many years of study, research, legal interpretations, and court decisions, and are endorsed by most engineering professions and contractors. Our staff has been trained in the use of these documents and has over 20 years of experience in using them.

Cost Estimates

Cost estimates are prepared using unit prices from previously bid projects of similar scope, and by contacting contractors and material suppliers for pricing information. We have an extensive amount of bid pricing information as our office has conducted at least two bid openings per month over the past 5 years. What is also important in cost estimates is preparing an accurate and complete list of quantities. Engenuity Group is able to accomplish this because of the vast experience of staff in preparing these lists.



RFQ No. 2017-048

Bidding

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

SURVEY



Engenuity Group, Inc. understands that the City is interested in entering into a continuing contract for professional surveying and mapping services, which will include design surveys, construction layout, boundary surveys, preparation of sketches and legal descriptions, mapping, AutoCAD drafting, calculations, and other related services. We envision developing a seamless relationship with the City, sharing goals and concerns alike. Our team surpasses all scope requirements and is committed to fulfilling our responsibilities to ensure our deliverable product is of the utmost quality in an easily compatible format that is user friendly for all.

We have two field crews and four professional surveyors and mappers (three licensed and one surveyor in training) in the office who each serves as project manager, client contact, quality controller and field crew supervisor. Each survey crew has many years of field experience and each crew member is knowledgeable in many types of surveys including topographic design, right-of-way, construction layouts, as-built surveys and hydrographic surveys.

Engenuity Group has an excellent safety rating. All survey crew members are trained in working in confined spaces, trench safety, and general jobsite safety and crew members are Red Cross, First Aid certified.

Design (Topographic) Surveys

Engenuity Group will establish both horizontal and vertical control on the ground, which allows us to show the configuration of an object on the earth's surface. We will set a minimum of two benchmarks on or near the site and they will be indicated on the survey. Engenuity Group is cognizant of the different vertical datum that are currently being used in the area and are committed to communicating that on our deliverables.



RFQ No. 2017-048

Construction Layout

In performing any construction layout, Engenuity Group will obtain the approved plans and specifications prior to commencement of any surveying efforts. Engenuity Group will determine the appropriate number of horizontal and vertical monuments to be established, and the relationship of those monuments to construction lines, grades, and offset lines. Engenuity Group will examine and analyze the approved set of plans, and test the consistency of the data and bring any inconsistencies to the attention of the Project Engineer. Engenuity Group will then plan the necessary methods and procedures for conducting the construction survey.

Boundary Surveys

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

Preparation of Sketches and Legal Descriptions

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



NE 2ND AVENUE, DELRAY BEACH



RFQ No. 2017-048

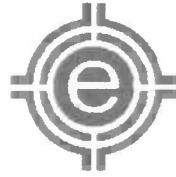
CONSTRUCTION MANAGEMENT

There is no substitute for experience when it comes to administering construction contracts and observing the progress of construction. Key team members have over 100 years of experience in this area. Keys to our success include a thorough understanding of the contract documents, regular dialogue with the contractor, good documentation, and prompt responses to issues. Among the services we provide during construction are:

- Conducting meetings and preparing minutes.
- Conducting field observations and preparing reports.
- Reviewing shop drawings.
- Coordination of contractor RFI's.
- Verifying quantities and reviewing pay applications.
- Witnessing special testing and tie-ins.
- Specifying field testing requirements.
- Coordinating inspections by public agencies.
- NPDES monitoring with certified staff.
- Administering the construction contract.
- Preparing and issuing Change Orders and Field Orders.
- Conducting semi-final and final walkthroughs.
- Reviewing record drawings.
- Providing final certification.



NEAR NE 4TH ST., DELRAY BEACH



Funding Sources

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

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

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

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

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

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

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



RFQ No. 2017-048

MAPPING/GIS SERVICES

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

AutoCAD Drafting

Engenuity Group gathers our field data digitally and then we process it in the office using AutoCAD. AutoCAD develops 'softcopy' maps in the computer which Engenuity Group can analyze, modify, enlarge/reduce the scale and change contour intervals in the office prior to creating hard copies of the survey. We can also depict various features on the map using a combination of points, lines, and symbols. These digital files can then be used by our GIS department for data analysis or thematic mapping.

Calculations

Engenuity Group will perform all calculations and maintain those records within the field books or in a separate bound folder.

Hydrographic Surveys



Engenuity Group has used two methods primarily for hydrographic surveying depending on the conditions. The traditional method that has been employed combines the use of a total station together with soundings being measured via a pole. In areas of limited access, relatively shallow water, or water bodies with excessive vegetation, this method continues to be the most effective method of collecting hydrographic data.

Other Related Survey and Mapping Services

Engenuity Group routinely provides right-of-way surveys that include the establishment of boundaries, monumentation of right-of-way lines, location of encroachments, final right-of-way maps, horizontal and vertical geodetic control surveys, canal and levee cross sections and profiles, topographic surveys, specific purpose surveys, hydrographic surveys, as-built surveys, quantity surveys, field reconnaissance, and geographic information systems services.



RFQ No. 2017-048

Professional Surveying and Mapping Review Services

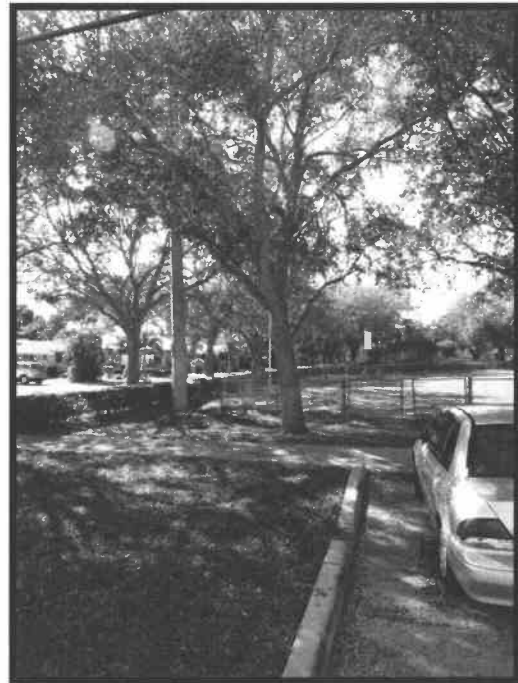
Engenuity Group has been the surveying consultant for many municipalities and special districts since 1991 and has provided professional Surveying and Mapping review services to them. We have developed and implemented various check lists that allow our reviews to be standardized and automated. We have also developed CAD and GIS mapping standards, so that many submittals are reviewed at the digital level.

We have served the following Special Districts:

- Indian Trail Improvement District
- Lake Worth Drainage District
- Northern Palm Beach County Improvement District
- Loxahatchee River Environmental Control District
- Lake Worth Drainage District

We have served the following municipalities:

- Town of Ocean Ridge
- Town of Lake Clarke Shores
- Town of Highland Beach
- Village of North Palm Beach
- City of Greenacres
- City of Palm Beach Gardens
- Village of Wellington
- Village of Royal Palm Beach
- City of West Palm Beach
- Village of Palm Springs
- Town of Manalapan



Our duties have included the following:

- Review of boundary, topographic, right-of-way, and hydrographic surveys
- Review of construction stake out
- Developed mapping and cad standards
- Review of plats, legal descriptions and sketches
- Review of GIS systems and geo-databases
- Review of collected data sets
- Land development permit reviews



RFQ No. 2017-048

PROJECTS FOR CATEGORY 2: SURVEYING AND MAPPING

Project: City of Delray Beach– NE 2nd Ave./Seacrest Beautification Project

Contact: Howard Wight, Project Manager
Foster Marine Contractors, Inc.
3180 Fairlane Farms Road, Suite 1
Wellington, FL 33414
(561) 683-0034
howard@foster-marine.net

Project Status: Professional Services Completed January 2017

Engenuity Group Performed the Following Services for this Project:

Engenuity Group, Inc. was contracted by Foster Marine Contractors, Inc. for the construction of NE 2nd Avenue Seacrest Beautification Project for the City of Delray Beach. We provided professional surveying services for NE 2nd Avenue from Lake Ida Road to George Bush Blvd. These services included:

- Established horizontal and vertical control
- Staked and graded for Curbing
- Stake and graded for Landscape Islands
- Stake and graded for Sidewalk
- Provided Layout for Light poles
- Prepared Record Drawings

We began construction staking in May 2016 and final construction with all asbuilts submitted and accepted by the City of Delray Beach in January 2017. All tasks were completed within budget and ahead of schedule.



Project: City of Delray Beach– SE 4th St. Sidewalk Project

Contact: Howard Wight, Project Manager
Foster Marine Contractors, Inc.
3180 Fairlane Farms Road, Suite 1
Wellington, FL 33414
(561) 683-0034
howard@foster-marine.net

Project Status: Professional Services Completed August 2016

Engenuity Group Performed the Following Services for this Project:

Engenuity Group, Inc. was contracted by Foster Marine Contractors, Inc. for the construction of SE 4th Street Sidewalk Project for the City of Delray Beach. We provided professional surveying services for SE 4th Street Swinton Avenue to Federal Highway. These services included:

- Established horizontal and vertical control
- Stake limits of Right-of-way
- Staked and Graded Swale
- Staked and graded for Curbing
- Staked and graded for Sidewalk
- Staked and graded Driveway Replacement
- Prepared Record Drawings



We began construction staking in April 2016 and final construction with all asbuilts submitted and accepted by the City of Delray Beach in August 2016. All tasks were completed within budget and ahead of schedule.

Project: City of Delray Beach– SW 9th & 10th Aves. & SW 2nd Terr. Improvements

Contact: Howard Wight, Project Manager
Foster Marine Contractors, Inc.
3180 Fairlane Farms Road, Suite 1
Wellington, FL 33414
(561) 683-0034
howard@foster-marine.net

Project Status: Professional Services Completed December 2016

Engenuity Group Performed the Following Services for this Project:

Engenuity Group, Inc. was contracted by Foster Marine Contractors, Inc. for the construction of SW 10th Avenue & SW 9th Avenue and SW 2nd Terrace Improvements Project for the City of Delray Beach. We provided professional surveying services for SW 10th Avenue and SW 9th Avenue from SW 1st Street to Atlantic Avenue and SW 2nd Terrace from SW 7th Avenue to SW 8th Avenue. These services included:

- Established horizontal and vertical control
- Staked and graded for Curbing
- Staked and graded for Landscape Islands
- Stake and graded for Sidewalk
- Provided Layout for Light poles
- Staked and graded Sanitary Sewer Line
- Staked and graded Water Line
- Prepared Record Drawings

We began construction staking in April 2016 and final construction with all asbuilts submitted and accepted by the City of Delray Beach in December 2016. All tasks were completed within budget and ahead of schedule.



Project: City of Palm Beach Gardens Surveying Continuing Contract

Contact: Todd Engle, P.E., City Engineer
City of Palm Beach Gardens
10500 North Military Trail
Palm Beach Gardens, FL 33410
(561) 804-7012
tengle@pbgfl.com

Project Status: Professional Services Ongoing on a Continuing Contract Basis

Engenuity Group Performed the Following Services for this Project:

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



Project: Loxahatchee River Environmental Control District

Contact: Clinton R. Yerkes, Deputy Director
(561) 747-5700
2500 Jupiter Park Drive
Jupiter, FL 33458

Project Status: On-going Professional Services

Engenuity Group has provided Surveying and Mapping services to Loxahatchee River Environmental Control District since 1990 and has completed multiple projects for the District. Some examples are as follows:



Tequesta Peninsula Sewering Project

This included the collection of topographic data for design and permitting of 940 residential units within an existing residential community. It also required creating sketch and legal descriptions for various easements and conveyances.

Jonathon Dickinson State Park Water and Sewer project

This survey effort included the collection of topographic data for design and permitting of a water and sewer project through a pristine hammock.

Pennock Point Low Pressure Force Main

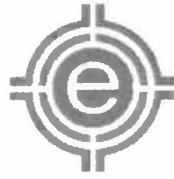
This survey effort included the collection of topographic data for design and permitting of a low pressure sewer system through an existing neighborhood.

ENCON Plant

This survey effort included data gathering for the plant expansion, and control layout for the proposed construction project shown below. Engenuity Group labeled edge of pavement and centerline of roads, curbs, gutters, and appurtenances.



Most recently Engenuity Group performed a Topographic Survey to assist the Engineering Department in creating construction plans to pave the **Office Parking Lot** at the rear of the main office building, adjacent to the entrance of the Busch Wildlife Sanctuary. This project is ongoing.



RFQ No. 2017-048

PROJECTS FOR CATEGORY 4: CIVIL ENGINEERING

Project: Village of Wellington

Contacts: Paul Schofield, Village Manager

14000 Greenbriar Blvd. Wellington, FL 33414 (561) 791-4000
pschofield@wellingtonfl.gov

Thomas Lundeen, P.E., Village Engineer

12300 Forest Hill Blvd. Wellington, Florida 33414 (561) 753-2454
tlundeen@wellingtonfl.gov

Project Status: On-Going Professional Services since 1999

Engenuity Group is performing the following services for this client:

In 1999, Engenuity Group was first selected to provide limited services to the Village including surveying, drafting, and miscellaneous engineering on an as-needed basis. As Wellington's needs evolved to comply with more stringent stormwater runoff regulations, the Surface Water Action Team (SWAT) was formed in 2003 and included Engenuity Group (formerly SFRN) as a team consultant. Our duties included permit coordination with SFWMD, surveying, cost estimating, and developing best management practices for storage and handling of horse manure in the southern portion (Basin B) of the Village. In 2007, and again in 2011, Engenuity Group was selected to provide on-going consulting services for civil engineering, surveying, and GIS mapping. During this time we have provided design, permitting, surveying, GIS mapping, plat reviews, reports & studies, construction administration, and general consulting services on a wide variety of projects. Engenuity Group employees have attended council meetings to assist Staff in presentations as needed.

Engenuity Group most recently has provided assistance in obtaining CDBG funding for sidewalk curb ramp replacements throughout the Village to comply with current ADA requirements.

**** As of May 24, 2017, Engenuity Group was selected No. 1 for a new Continuing Contract for Civil Engineering and Surveying Services with the Village**



Project: **Town of Ocean Ridge**
 Town Engineer

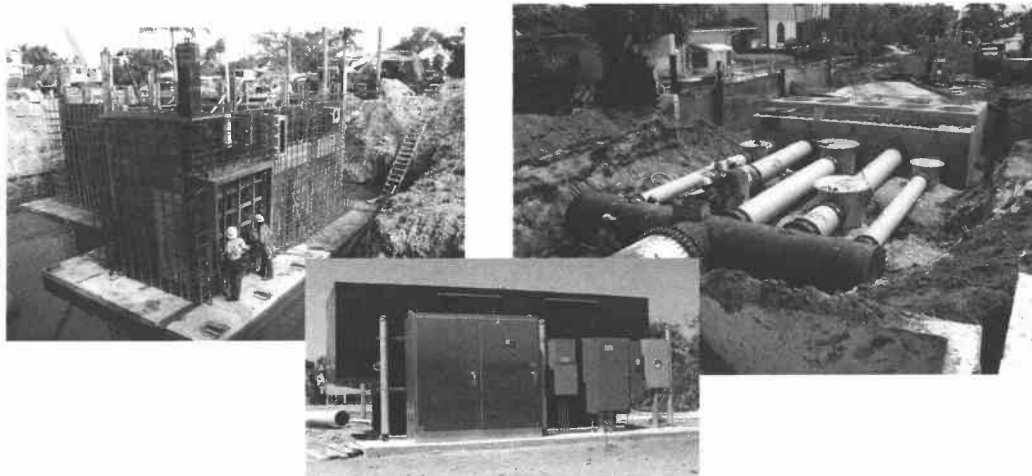
Contact: James Titcomb, Town Manager
 (561) 732-2635
 6450 North Ocean Boulevard
 Ocean Ridge, FL 33435

Project Status: On-Going, On-Time & On-Budget

As the Town's Engineer since 2000, Engenuity Group has successfully completed many complex drainage projects within this coastal community. Ocean Ridge's South Phase project included two massive underground submersible pumping stations and 1/2 mile of 48" drainage force main. Lisa A. Tropepe, P.E. received the 2005 Outstanding Technical Achievement Award from the Florida Engineering Society Palm Beach Chapter for the project as the Town's Engineer. This award winning project was also featured in an article in Stormwater Magazine, which highlighted Engenuity Group's innovative approach to the Town's complex drainage issues.

Engenuity Group has also successfully aided the Town in securing over \$1.5 million in grant money for its drainage projects. The Town was awarded two Lake Worth Lagoon Partnership Grants, two Florida Department of Environmental Protection (FDEP) Grants through the Section 319 Grant Program and a Joint Participation Agreement with the Florida Department of Transportation (FDOT).

Other services include review of drawings and calculations for Town permit applications, assisting with homeowner issues and providing general civil engineering, surveying, and GIS Mapping services.



Project: Town of Lake Clarke Shores

Contact: Dan Clark, P.E.
(561) 964-1515
1701 Barbados Road
West Palm Beach, FL 33406

Project Status: On-going Since 1992

Engenuity Group is Performing the Following Services for this Project:

Over the past 20 years Engenuity Group, Inc. has been the Town Engineer for the Town of Lake Clarke Shores. Some of the projects include a Town-wide Traffic Calming Plan, the preparation of a major public presentation of an analysis of sewerage Lake Clarke Shores, Gravity vs. Low Pressure Sewer System vs. Vacuum System, Cost Analysis, prepared sketches, PowerPoint presentation and extensive questions and answers, for a Public Forum for over 300 residents. Yearly NPDES permitting, complete Town-wide storm drainage analysis; determine pipe sizes and system improvements revisions and Civil design responsibility for 3 parks within the Town limits.



Project: City of Greenacres

Contact: Kara Irwin-Ferris, Acting Planning Director
(561) 642-2045
5800 Melaluca Lane
Greenacres, FL 33463

Project Status: 2004 to Present

Engenuity Group, Inc. is Performing the Following Services for the City:

Engenuity Group has performed various consulting engineering services for the City of Greenacres since being awarded a consulting engineering contract by the City in 2004. These services have included plan review, design assistance, topographic surveys, preparation of legal sketches, GIS mapping, and opinions of construction cost.



Project: South Florida Fairgrounds

Contact: Richard Vymlatil, President
South Florida Fair and Palm Beach County
Expositions, Inc.
(561) 790-5207
9067 Southern Boulevard
P.O. Box 210367
West Palm Beach, FL 33421

Project Status: Continuing Contract 1998-Present

Engenuity Group Performed the Following Services for this Project:

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 Fairgrounds property. Assignments have included master planning of Yesteryear Village, Skyride siting and permitting, midway layouts, and archway gate renovation and entrance.



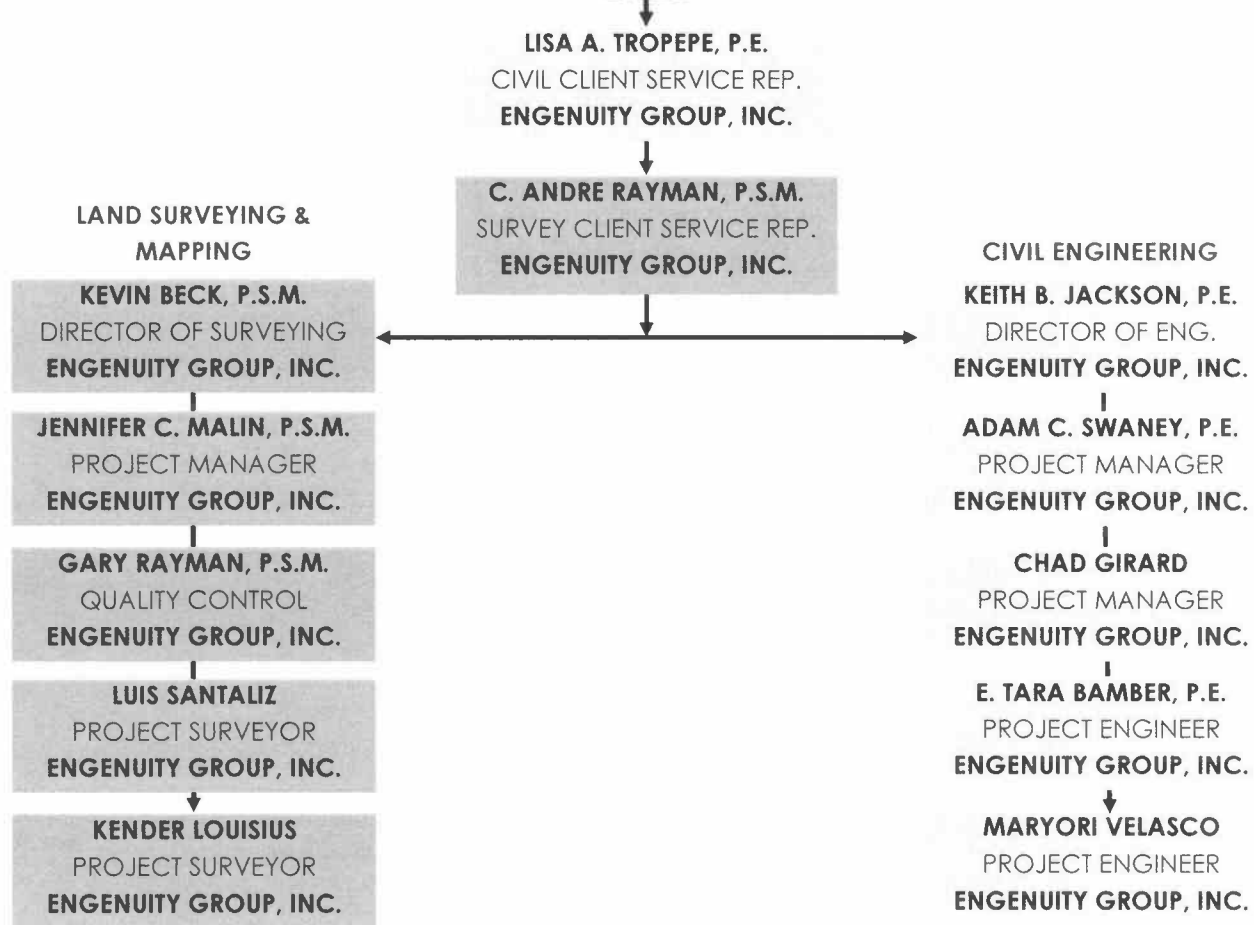
Director's Building

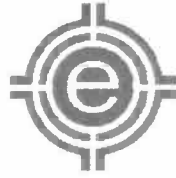
Engenuity Group also performed all the site surveying, engineering, and permitting for the construction of a \pm 65,000 SF new expo hall (Expo East) adjacent to the existing facility. The Agriplex Compound was completed in 2003 and included an open-air show ring and an enclosed large animal building.

Design features included midway planning, event parking, pedestrian movement, relocation of water, sewer, and utility features, and the location of Lake Florida, the Fair's state shaped lake.

A new 2 story Director's Building has recently been completed in time for the 2016 Fair which includes hospitality event space, security, and first aid offices. Engenuity Group continues to plan, design, and construct parking improvements to meet the ever increasing demand for parking.

ORGANIZATIONAL DIAGRAM





ORGANIZATIONAL STRUCTURE

1. The staffing resources of Engenuity Group, Inc. can be seen in the Organizational Diagram on the page previous to this one. Our local office is the only one that exists and is our main Corporate Office.

Disciplines: **Category 2:** Surveying and Mapping– 6 Key Personnel

Category 4: Civil Engineering 6 Key Personnel

2. Engenuity Group, Inc. is not including any sub-consultants for this proposal
3. Org Chart is located on the preceding page
4. The responsibilities of the personnel listed in the Organization Diagram are as follows:
 - Client Service Representatives: These are the individuals directly responsible for ensuring all projects are completed on time and under budget. They are the key contacts for the City and will direct Staff accordingly.
 - Directors: These individuals oversee their respective departments and are in charge of workloads and project disbursement.
 - Project Managers: These individuals manage the projects and ensure all facets of the project are being completed smoothly. Most managers do the majority of the design work.
 - Engineers/Surveyors: These individuals complete the drafting and other tasks necessary to get the day to day aspects of the project completed
 - Quality Control: This is an individual who has no direct part of the design and is responsible for the quality control and assurance of a project before it leaves the office for the City.

5-6. Please see pages following this for current workloads and letter of commitment.

May 30, 2017

Selection Committee
City of Delray Beach, Florida
100 NW 1st Avenue
Delray Beach, FL 33444

**Re: RFQ No. 2017-048 Continuing Engineering, Surveying, &
Landscape Architectural Consulting Services (918-42, 918-89,
906-56)**



Dear Members of the Committee:

Prior to this letter we have provided an availability chart for all of our key staff that will be involved with the design projects in regards to their recent, current and project workloads. Please consider this letter a guarantee of our commitment to the City of Delray Beach and this project. If awarded this project we are strongly devoted to providing the best services as possible at the lowest cost. Due to our nimble nature as a small and local firm we are able to respond quickly and can ensure accessibility to all project managers and engineers.

We appreciate your consideration and truly believe we can offer unprecedented service to the City.

Sincerely,
Engenuity Group, Inc.



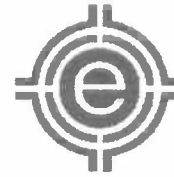
Lisa A. Tropepe

Lisa A. Tropepe, P.E.
Vice President
Primary Civil Representative



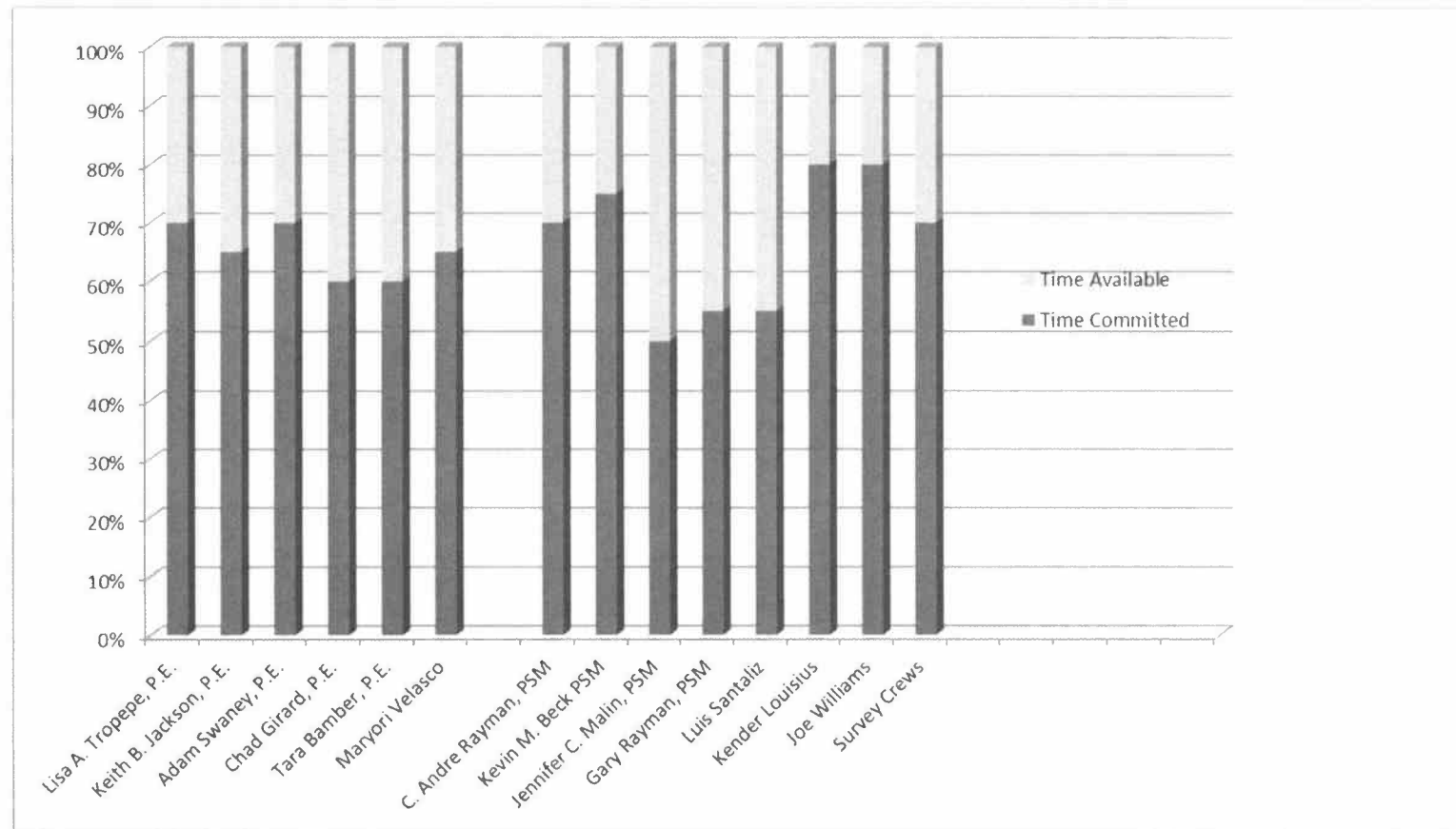
C. Andre Rayman

C. Andre Rayman, P.S.M.
President
Secondary (Survey) Representative



RFQ No. 2017-048

AVAILABILITY CHART



- Workloads and levels of availability for individuals vary based on a company-wide work backlog. We anticipate the ability to allocate the appropriate resources to the City as needed to provide a timely and quality product on any and all engineering tasks during the term of this contract.



CHAPTER 5

FORMS

Form B - Public Entity Crimes

NOTIFICATION OF PUBLIC ENTITY CRIMES LAW

Pursuant to Section 287.133, *Florida Statutes*, you are hereby notified that a person or affiliate who has been placed on the convicted contractors list following a conviction for a public entity crime may not submit a proposal on a contract to provide any goods or services to a public entity; may not submit a proposal on a contract with a public entity for the construction or repair of a public building or public work; may not submit proposals on leases or real property to a public entity; may not be awarded or perform work as a contractor, supplier, sub-Proposer, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017 [F.S.] for Category Two [\$35,000.00] for a period of thirty-six (36) months from the date of being placed on the convicted contractors list.

Acknowledged by:

Engenuity Group, Inc.

Firm Name



May 30, 2017

Signature

Date

C. Andre Rayman, PSM, President

Printed Name and Title

Form C - Drug-Free Workplace

In the event a tie exists at the conclusion of evaluations, preference will be given to the supplier(s) who certifies it has a drug-free workplace program in accordance with Section 287.087, Florida Statutes. The drug-free workplace preference is applied as follows:

TIE: Whenever two or more proposals are equal with respect to scoring for the evaluation criteria (e.g., price, experience, quality, service) are received for the procurement of commodities or contractual services, a proposal received from a supplier that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing a tie will be followed if none of the tied suppliers have submitted this Form C and/or have a drug-free workplace program.

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

- 1) This firm publishes 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) This firm informs 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) This firm gives 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), this firm notifies 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 such conviction.
- 5) This firm imposes a sanction on or requires 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) This firm will continue to make a good faith effort to maintain a drug-free workplace through implementation of this section.

Acknowledged by:

Engenuity Group, Inc.

Firm Name



May 30, 2017

Signature

Date

C. Andre Rayman, PSM, President

Printed Name and Title

City of Delray Beach
RFQ No. 2017-048
Continuing Engineering, Surveying, and Landscaping
Architectural Consulting Services

Form D - Conflict of Interest Disclosure

The award of the agreement is subject to the provisions of Chapter 112, Florida Statutes. All Proposers must disclose within their Proposal, the name of any officer, director, or agent who is also an employee or relative of an employee of the City of Delray Beach.

Furthermore, all Proposers must disclose the name of any City employee or relative(s) of a City employee who owns, directly or indirectly, an interest in the Proposers firm or any of its branches.

The purpose of this disclosure form is to give the City the information needed to identify potential conflicts of interest for key personnel involved in the award of this contract.

The term "conflict of interest" refers to situations in which financial or other personal considerations may adversely affect, or have the appearance of adversely affecting, an employee's professional judgment in exercising any City duty or responsibility in administration, management, instruction, research, or other professional activities.

Please check one of the following statements and attach additional documentation if necessary:

☒ To the best of our knowledge, the undersigned firm has no potential conflict of interest as defined in Chapter 112, Florida Statutes and Section 2-443, Palm Beach County Code of Ordinances.

☐ The undersigned firm, by attachment to this form, submits information which may be a potential conflict of interest due to other Cities, Counties, contracts, or property interest for this RFQ.

Acknowledged by:

Engenuity Group, Inc.

Firm Name



May 30, 2017

Signature

Date

C. Andre Rayman, PSM, President

Printed Name and Title

Form E - Acknowledgment of Addenda

The Proposer hereby acknowledges the receipt of the following addenda, which were issued by the City and incorporated into and made part of this RFQ. It is the sole responsibility of the Proposer to ensure that all addenda have been received and receipt of each has been acknowledged. Failure to submit acknowledgement of each addendum issued may result in the Proposer being deemed non-responsive.

ADDENDA NUMBER	ADDENDA DATE
1	April 24, 2017
2	April 27, 2017
3	May 4, 2017
4	May 10, 2017
5	May 10, 2017
6	May 11, 2017
7	May 18, 2017
8	May 19, 2017



President

Signature of Proposer's Agent

Title

C. Andre Rayman, PSM

May 30, 2017

Printed Name

Date



CHAPTER 6

EVIDENCE OF INSURANCE



CERTIFICATE OF LIABILITY INSURANCE

ENGEN-1

OP ID: SN

DATE (MM/DD/YYYY)

06/20/2016

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

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

PRODUCER Brown & Brown of Florida, Inc Suite 400 1401 Forum Way West Palm Beach, FL 33401 Chad Dorsey, CIC, CRIS	CONTACT NAME: Chad Dorsey, CIC, CRIS PHONE (A/C, No, Ext): 561-686-2266 E-MAIL: cdorsey@bb-wpb.com ADDRESS: INSURER(S) AFFORDING COVERAGE INSURER A : FCCI Insurance Company+ INSURER B : Bridgefield Employers Ins Co.+ INSURER C : Landmark American Ins. Co. + INSURER D : INSURER E : INSURER F :	FAX (A/C, No): 561-686-2313 NAIC #
INSURED Engenuity Group, Inc. 1280 N Congress Ave Ste 101 West Palm Beach, FL 33409		

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		GL00105307	07/01/2016	07/01/2017	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS		CA10000252801	07/01/2016	07/01/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		UMB00109447	07/01/2016	07/01/2017	EACH OCCURRENCE \$ 3,000,000 AGGREGATE \$ 3,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below.	Y/N <input type="checkbox"/> N/A	83045416	07/01/2016	07/01/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	Professional Liabi Retro 5/29/86		LHR757613 DED \$15,000	05/29/2016	05/29/2017	Aggregate 2,000,000 Ea Clai 1,000,000

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

For RFQ Purposes

***Professional Liability Insurance currently in process for renewal

CERTIFICATE HOLDER

CANCELLATION

Engenuity Group 1280 N Congress Ave Ste 101 West Palm Beach, FL 33409	ENGEN-1	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
		AUTHORIZED REPRESENTATIVE

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EXHIBIT "B"



Category: Civil Engineering; Hourly Raw Salary Rate

Principal Engineer	\$ 53.42
Project Manager	\$ 33.06
Senior Engineer	\$ 34.61
Engineer I	\$ 20.00
Engineer II	\$ 24.52
Senior Engineering Tech	\$ 25.21
Senior CADD Designer	\$ 21.75
CADD Designer	\$ 20.00
Construction Manager	\$ 30.00
Senior Inspector	\$ 22.00
Office Support	\$ 18.68

Category: Land Surveying Hourly Raw Salary Rate

Professional Land Surveyor	\$ 36.00
CADD Drafting	\$ 25.00
Survey Field Crew	\$ 41.66
Office Support	\$ 18.00

PRICE ADJUSTMENTS BASED ON GOVERNMENTAL PRICE INDEX

Prior to the completion of the first year of the Contract term, and every 12-month anniversary thereafter, the City may consider an adjustment to prices based on the most recent 12 month change in the following pricing index: Bureau of Labor Statistics, Employment Cost Index, Private Industry Workers, Total Compensation, Management business and financial occupations, Not Seasonally Adjusted, CIU2010000110000A.

It is Consultant's responsibility to request any pricing adjustment under this provision. For any adjustment to be considered, the Consultant's request for adjustment should be

submitted at least sixty (60) days prior to the anniversary date. The adjustment requested shall not be in excess of the relevant pricing index change. If a timely adjustment request is not received from the Consultant, the City may exercise its Option to Renew the Contract for another Term without any pricing adjustment.