



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)

BISCAYNE ENGINEERING COMPANY, 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 **Biscayne Engineering Company, Inc.**, a Florida corporation (hereinafter referred to as "Consultant"), whose principal address is 449 NW 35th Street, Boca Raton, Florida 33431.

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

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

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 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:

Biscayne Engineering Company Inc.
449 NW 35th Street
Boca Raton, Florida 33431
Attn: Melissa Bolton Calabrese, 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.

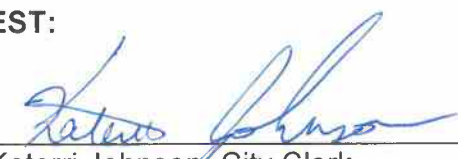
(The remainder of this page intentionally left blank)

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

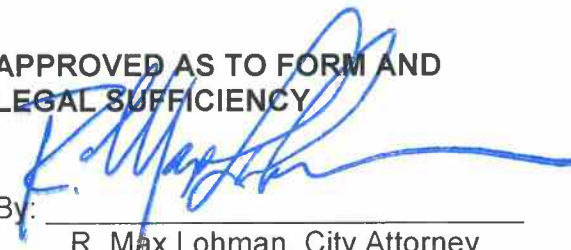
CITY OF DELRAY BEACH, FLORIDA

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: Melissa Bolton Calabrese

Title: CEO, Melissa Bolton Calabrese

WITNESSES:

By: Chestin Bustos

Print Name: Chestin Bustos

By: Adriana Ocampo

Print Name: Adriana Ocampo

EXHIBIT A



COPY

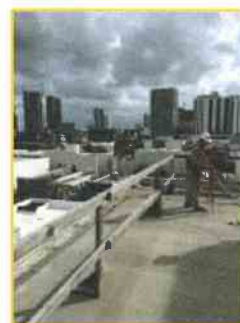
**Continuing Engineering, Surveying, and Landscaping
Architectural Consulting Services (918-42, 918-89, 906-56)
RFQ No. 2017-048**



BISCAYNE ENGINEERING COMPANY, INC.

Contact Person: Luis Gaztambide, PSM

lgaztambide@biscayneengineering.com



PARAMOUNT TITLE
7501 W Oakland Park Blvd.
Tamarac, FL 33319



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CHAPTER 1

LETTER OF INTENT



Letter of Intent

City of Delray Beach
Purchasing Department
100 NW 1st Avenue, Delray Beach, FL 33444

May 16, 2017

Re: Response to Request for Qualification for Continuing Engineering, Surveying, and Landscaping Architectural Consulting Services.

RFQ No. 2017-048

SURVEYING SERVICES

Dear Selection Committee Members:

Biscayne Engineering Company, Inc. would like to thank the City of Delray Beach for considering our proposal.

BISCAYNE is a full service surveying and engineering company located in South Florida since its founding more than 100 years ago. We are extremely well versed in working within the public sector at both the state and municipal level. We are committed to creating innovative solutions for the changing demands of our clients and the environment. Continuously prominent, we are involved in planning and developing the South Florida region. We are certified as a Small Business Enterprise (SBE) in Palm Beach County, Miami Dade County and South Florida Water Management District. Our current contracts include City of Miami, City of Hialeah, South Florida Water Management District and Florida Department of Transportation (District 4 and District 6).

Biscayne has a deep understanding of South Florida and the methodology employed by several cities to successfully execute their projects. We have been performing surveying and mapping services (design and boundary surveys, engineering surveys, construction layouts, preparation of sketches, topographic surveys, etc.) on a daily basis since its beginning. Biscayne is very skilled with the types of work and potential projects that are proposed in the RFQ package.

Our professional and technical staff is dedicated to quality surveying practices. We will act as an extension of your staff. Our professionals have the experience/professional training in all aspects of surveying and mapping for engineering design, construction and legal matters. We understand the changing needs of governing agencies as they are faced with serving the economic constraints of the public. As a well-established firm, we can provide recommendations to enhance economic and practical solutions for the City.





With two offices ideally situated in Miami Dade County and Palm Beach County, Biscayne has the technical staff and manpower necessary to service the City of Delray Beach “As needed – When needed” on a project by project basis. Biscayne is well-suited for this valuable surveying services contract with qualified and experienced personnel, the latest equipment and instrumentation, close proximity (within 15 minutes of Environmental Services office), governmental experience with particular experience directly related to municipalities, and a solid commitment to clients.

Biscayne Engineering is committed to the City of Delray Beach and we will use the sum of our resources, including our vast relevant experience to insure the success of this contract. We understand South Florida, its local conditions and the issues the City will need to plan for. This experience facilitates the development of everything we will undertake, and Biscayne, together with our sub-contractors are committed to bringing the City the best team to service this Project.

Biscayne Engineering Company, Inc. as prime contractor has arranged for **Aerial Cartographics of America (ACA)** – Aerial and Mobile LiDAR, **InfraMap, Inc.** – Utility Locating, **Sea Diversified** – Hydrographic Surveying, **Florida Technical Consultants (FTC)** – GIS Manager, and **Paramount Title** – Title Searches, to join in this submittal as sub-contractors. Together, Biscayne has formed an exceptional team of highly Qualified, Competent and Capable Surveying and Mapping Service providers.

Growing businesses are flocking to the City of Delray Beach, with a rising group of entrepreneurs around the country attracted by the high quality of life, rich architecture, and beautiful beaches. Additionally, the City has become a worldwide tourist destination. Biscayne Engineering is unique in its qualifications to partner with your city in that, while we are grounded in the tradition which exemplifies South Florida’s oldest surveying and engineering company, we are proficient in all of the most modern techniques and equipment currently in use. We hold equal measure of anticipation and promise for our future as we do pride in our past. We strive daily to insure this is reflected in our work.

We welcome the opportunity to work side by side with the City of Delray Beach in an effort to make the region an even more safe and desirable home to the residents and businesses and a destination for tourists across the nation and around the world.

A handwritten signature in black ink, appearing to read 'MB' or 'Mike Bartholomew'.

Mike Bartholomew, PSM
President/Executive Manager



PROPOSAL SUBMITTAL SIGNATURE PAGE



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: Biscayne Engineering Company, Inc.

Street Address: 449 NW 35th Street, Boca Raton, FL 33431

Mailing Address (if different from Street Address): _____

Telephone Number(s): (561)609-2329

Fax Number(s): (305)324-0809

Email Address: mcalabrese@biscayneengineering.com

Federal Identification Number: 59-0165220

Acknowledged by:

Biscayne Engineering Company, Inc.
Firm Name

Melissa Bolton Calabrese 5/16/2017
Signature Date

Melissa Bolton Calabrese, CEO
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.

(Remainder of page intentionally left blank)



CHAPTER 2

STATEMENT OF ORGANIZATION

PROPOSER'S STATEMENT OF ORGANIZATION

Biscayne Engineering Company, Inc. is a privately owned **Corporation** located in **South Florida**. We are operating under the same name as our foundation, more than 100 years ago. Biscayne has two offices ideally situated, our Corporate headquarter in Miami Dade County and our Branch office in Palm Beach County.

Miami Dade

529 West Flagler Street
Miami, FL 33130
(305)324-7671

Palm Beach

449 NW 35th Street Suite 102
Boca Raton, FL 33431
(561)609-2329

Ownership

Biscayne Engineering Company ownership has not changed within the past two years and/or no changes within the next six month of the due date and time of this Request for Qualification is anticipated.

Key Personnel	Ownership %
George Bolton	50%
Mary Bolton	50%

Officers and Directors of the Entity

Key Personnel	Title	Address	Phone
Michael Bartholomew	President	529 West Flagler Street, Miami, FL 33130	(786)368-6337
Melissa Bolton Calabrese	CEO	529 West Flagler Street, Miami, FL 33130	(561)267-9211
George Bolton	Director	529 West Flagler Street, Miami, FL 33130	(305)324-7671
Mary Bolton	Director	529 West Flagler Street, Miami, FL 33130	(305)324-7671
Beatriz Ferrer	Director	529 West Flagler Street, Miami, FL 33130	(786)368-6355
Luis Gaztambide	Branch Mgr.	449 NW 35 th Street, Boca Raton, FL 33431	(561)609-2329



Contact Persons

Mr. Luis Gaztambide, Branch Manager of Biscayne Engineering's Boca Raton office and Professional Surveyor and Mapper, will act as the primary contact with the City of Delray Beach.

Luis Gaztambide, PSM
449 NW 35th Street, Suite 102, Boca Raton Florida 33431
Cell Phone: (561)563-2653
Phone No.: (561)609-2329
Fax No.: (561)609-2317
E-mail: lgaztambide@biscayneengineering.com

Mr. Michael Bartholomew, President of Biscayne Engineering and Professional Surveyor and Mapper, will act as the secondary contact with the City of Delray Beach.

Mike Bartholomew, PSM
529 West Flagler Street, Miami, FL 33130
Cell Phone: (786)368-6337
Phone No.: (305)324-7671
Fax No.: (305)324-0809
E-mail: mikeb@biscayneengineering.com

Litigation

Biscayne Engineering Company, Inc. is currently involved in the following minor pending litigations.

- Biscayne Engineering, Company, Inc. was named as a party among other parties in the litigation filed by Annex Industrial Park, LLC. The status of this litigation is ongoing and pertains to an Engineering Plan.
- Biscayne Engineering Company, Inc. was involved in litigation regarding Engineering with Anne Chioffe back in 2015. This litigation was settled for \$2,500.00.



W9 FORM



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. Biscayne Engineering Company, 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: ☐ Individual/sole proprietor or single-member LLC ☐ 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. ☐ 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.) 449 NW 35th Street	Requester's name and address (optional)
	6 City, state, and ZIP code Boca Raton, Florida 33431	
	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	-	0	1	6	5	2	0

Part II Certification

Under penalties of perjury, I certify that:

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

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

Sign Here	Signature of U.S. person ▶ <i>Melina Botton Calabrese</i>	Date ▶ <i>5/16/17</i>
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General Instructions

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

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fv9.

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:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. 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
4. 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 DOCUMENTS

State, County and City Business Licenses

	ANNE M. GANNON CONSTITUTIONAL TAX COLLECTOR <i>Serving Palm Beach County</i> Serving you.	P.O. Box 3353, West Palm Beach, FL 33402-3353 www.pbctax.com Tel: (561) 355-2264	**LOCATED AT** 449 Northwest 35TH ST STE 102 BOCA RATON, FL 33431
---	--	---	--

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
56-0016 ENGINEER BUSINESS	BISCAYNE ENGINEERING COMPANY INC	129	UI7.180499 - 12/22/16	\$33.00	B40198476

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

BISCAYNE ENGINEERING COMPANY INC
 BISCAYNE ENGINEERING COMPANY INC
 529 WEST FLAGLER ST
 MIAMI, FL 33130



**STATE OF FLORIDA
PALM BEACH COUNTY**
2016/2017 LOCAL BUSINESS TAX RECEIPT
LBTR Number: 2017097167
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 <i>Serving Palm Beach County</i> Serving you.	P.O. Box 3353, West Palm Beach, FL 33402-3353 www.pbctax.com Tel: (561) 355-2264	**LOCATED AT** 449 Northwest 35TH ST STE 102 BOCA RATON, FL 33431
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TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
54-0007 LAND SURVEYOR & MAPPER	BARTHOLOMEW MICHAEL JOHN	LS5866	B16.478183 - 07/08/16	\$33.00	B40183876

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

BISCAYNE ENGINEERING COMPANY INC
 BISCAYNE ENGINEERING COMPANY INC
 529 WEST FLAGLER ST
 MIAMI, FL 33130



**STATE OF FLORIDA
PALM BEACH COUNTY**
2016/2017 LOCAL BUSINESS TAX RECEIPT
LBTR Number: 2015083933
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.

**LOCAL BUSINESS TAX
RECEIPT # 17 00061816**

BISCAYNE ENGINEERING COMPANY,
 BARTHOLOMEW, MICHAEL JOHN
 449 NW 35 ST 102

BISCAYNE ENGINEERING COMPANY,
 529 WEST FLAGLER STREET
 MIAMI FL 33130

**CITY OF BOCA RATON
BUSINESS TAX AUTHORITY**

**BUSINESS TAX RECEIPT
CERTIFICATE OF USE**
EXPIRES: 9/30/17

THIS IS NOT A BILL
 Any changes in name, address, suite, ownership, ect. will require a new application within 15 days to avoid penalty or the license is null and void.

Business Tax fee:	105.00
Penalty fee:	.00
Late fee:	.00
Additional fee:	.00
Transfer fee:	.00
Total paid:	105.00

has paid the business tax at the above address for the period beginning the 1st day of October and ending the 30th day of September to engage in the business, profession or occupation of: **Classification: SURVEYOR & MAPPER OFFICE***

Restriction: **FLEET VEHICLES CANNOT BE STORED ON SITE.**



City of Miami

POST THIS DOCUMENT IN A CONSPICUOUS PLACE.
NOT TRANSFERABLE OR VALID AT ANOTHER ADDRESS
UNLESS APPROVED BY THE FINANCE DEPARTMENT,
CITY OF MIAMI 444 S.W.2 AVE 6TH FLOOR, MIAMI, FL 33130,
PHONE (305)416-1918.

**THIS IS NOT A BILL
DO NOT PAY**

Effective Year Oct. 1 2016 Thru Sep. 30 2017

RECEIPT FOR MICHAEL J BARTHOLOMEW

ISSUED Oct 04, 2016 TOTAL FEE PAID 116.00

ACCOUNT NUMBER **41112**
 RECEIPT NUMBER **21222**
 NAME OF BUSINESS **BISC ENGINEERING CO**
 DBA **BISC ENGINEERING CO**
 LOCATION **529 W FLAGLER ST**

2017

**IS HEREBY IN COMPLIANCE
TO ENGAGE IN OR MANAGE
THE OPERATION OF: LAND SURVEYORS**

Jose M. Fernandez
Finance Director

This issuance of a business tax receipt does not permit the holder to violate any zoning laws of the City nor does it exempt the holder from any license or permits that may be required by law.
This document does not constitute a certification that the holder is qualified to engage in the business, profession or occupation specified herein. The document indicates payment of the business tax receipt only.



City of Miami

**CERTIFICATE OF USE
FIRE SAFETY PERMIT**

THIS IS NOT A BILL

NOTICE: This certificate is Non-Transferable. If you relocate, sell the business, or change the type of business a new certificate must be obtained from Building and Zoning at 444 S.W. 2nd Avenue, 4th Floor, Phone: (305)416-1199.

BUSINESS NAME : BISC ENGINEERING CO
 DBA: **BISC ENGINEERING CO**
 DATE ISSUED: **10/01/16 TO 09/30/17**
 VALID FROM: **41112**
 ACCOUNT NUMBER: **529 W FLAGLER ST**
 SERVICE ADDRESS: **CU06 -General Commercial - Office**
 APPROVED USE: **Engineering / architectural / technical office**

COMMENTS:
RESTRICTIONS:

Restrictions on this CU are informational only. For all restrictions, please contact the Office of Zoning

* PLEASE DISPLAY THIS CERTIFICATE IN A CONSPICUOUS LOCATION AT OCCUPANCY ADDRESS

RECEIVED

11-03-16

Local Business Tax Receipt Miami-Dade County, State of Florida -THIS IS NOT A BILL - DO NOT PAY		LBT
7205695 BUSINESS NAME/LOCATION BISCAYNE ENGINEERING COMPANY INC 529 W FLAGLER ST MIAMI, FL 33130		RECEIPT NO. RENEWAL 7488822 EXPIRES SEPTEMBER 30, 2017 Must be displayed at place of business Pursuant to County Code Chapter 8A - Art. 9 & 10
OWNER BISCAYNE ENGINEERING COMPANY INC C/O BARTHOLOMEW MICHAEL Employee(s)	SEC. TYPE OF BUSINESS 212 P.A./CORP/PARTNERSHI P/FIRM LB129	PAYMENT RECEIVED BY TAX COLLECTOR 175.50 08/17/2016 0202-16-002020
This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business. The RECEIPT NO. above must be displayed on all commercial vehicles - Miami-Dade Code Sec 8a-276. For more information, visit www.miamidade.gov/taxcollector		

Local Business Tax Receipt Miami-Dade County, State of Florida -THIS IS NOT A BILL - DO NOT PAY		LBT
7205199 BUSINESS NAME/LOCATION BARTHOLOMEW MICHAEL 529 WEST FLAGLER ST MIAMI, FL 331030		RECEIPT NO. RENEWAL 7488250 EXPIRES SEPTEMBER 30, 2017 Must be displayed at place of business Pursuant to County Code Chapter 8A - Art. 9 & 10
OWNER BARTHOLOMEW MICHAEL C/O BISCAYNE ENGINEERING COMPANY INC	SEC. TYPE OF BUSINESS 212 PROFESSIONAL LS5666	PAYMENT RECEIVED BY TAX COLLECTOR 60.00 08/04/2016 0200-16-002960
This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business. The RECEIPT NO. above must be displayed on all commercial vehicles - Miami-Dade Code Sec 8a-276. For more information, visit www.miamidade.gov/taxcollector		

Company Professional License



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500
800HELPFLA(435-7352) or (850) 488-2221

December 30, 2016

BISCAYNE ENGINEERING COMPANY, INC.
529 W FLAGLER ST
MIAMI, FL 33130-1399

SUBJECT: Professional Surveyor and Mapper Business Certificate # LB129

Your application / renewal as a professional surveyor and mapper business as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2019.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here



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.: **LB129**

Expiration Date February 28, 2019

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

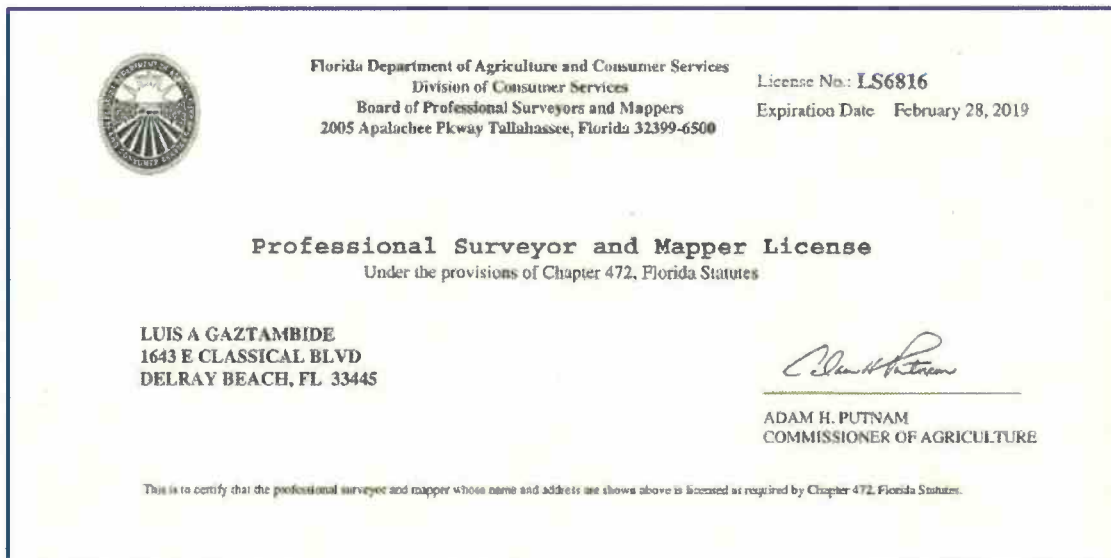
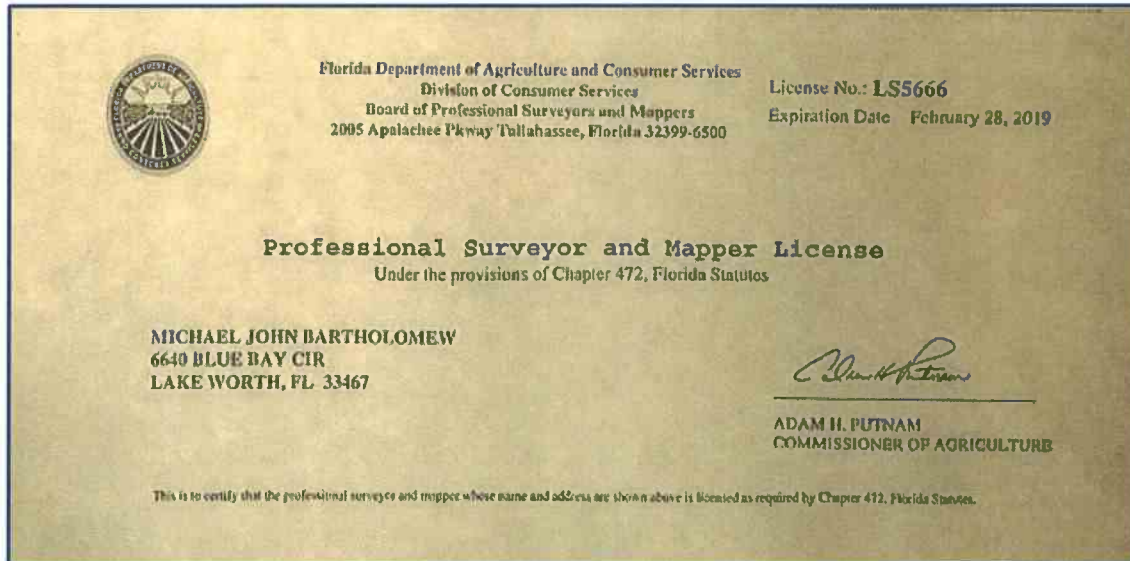
BISCAYNE ENGINEERING COMPANY, INC.
529 W FLAGLER ST
MIAMI, FL 33130-1399



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.

Employees Professional License





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.: **LS6519**
Expiration Date February 28, 2019

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

WOLFGANG S HUECK
9615 SW 46TH TER
MIAMI, FL 33165-5867

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.: **LS6987**
Expiration Date February 28, 2019

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

X A NEGRIN
PO BOX 398531
MIAMI BEACH, FL 33239-8531

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.



Conflict of Interest Statement

City of Delray Beach
Purchasing Department
100 NW 1st Avenue
Delray Beach, FL 33444

RE: Conflict of Interest Statement for Request for Qualification for Continuing Engineering, Surveying, and Landscaping Architectural Consulting Services.

RFQ No. 2017-048

SURVEYING SERVICES

No members of Biscayne Engineering Company, Inc. are employees of the City of Delray Beach. No members of the City of Delray Beach own, directly or indirectly, any interest in Biscayne Engineering Company, Inc.

We understand that the purpose of this statement is to protect the integrity of the proposer and the City of Delray Beach's decision-making process as well as to enable their constituents to have confidence in the decisions, intentions and actions of the selection committee.

Biscayne Engineering Company, Inc. is in agreement with this Conflict of Interest Statement and looks forward to working with the City of Delray Beach on this very important contract.

A handwritten signature in black ink, appearing to read "MB", is positioned above the printed name of the signatory.

Mike Bartholomew, PSM
President / Executive Manager





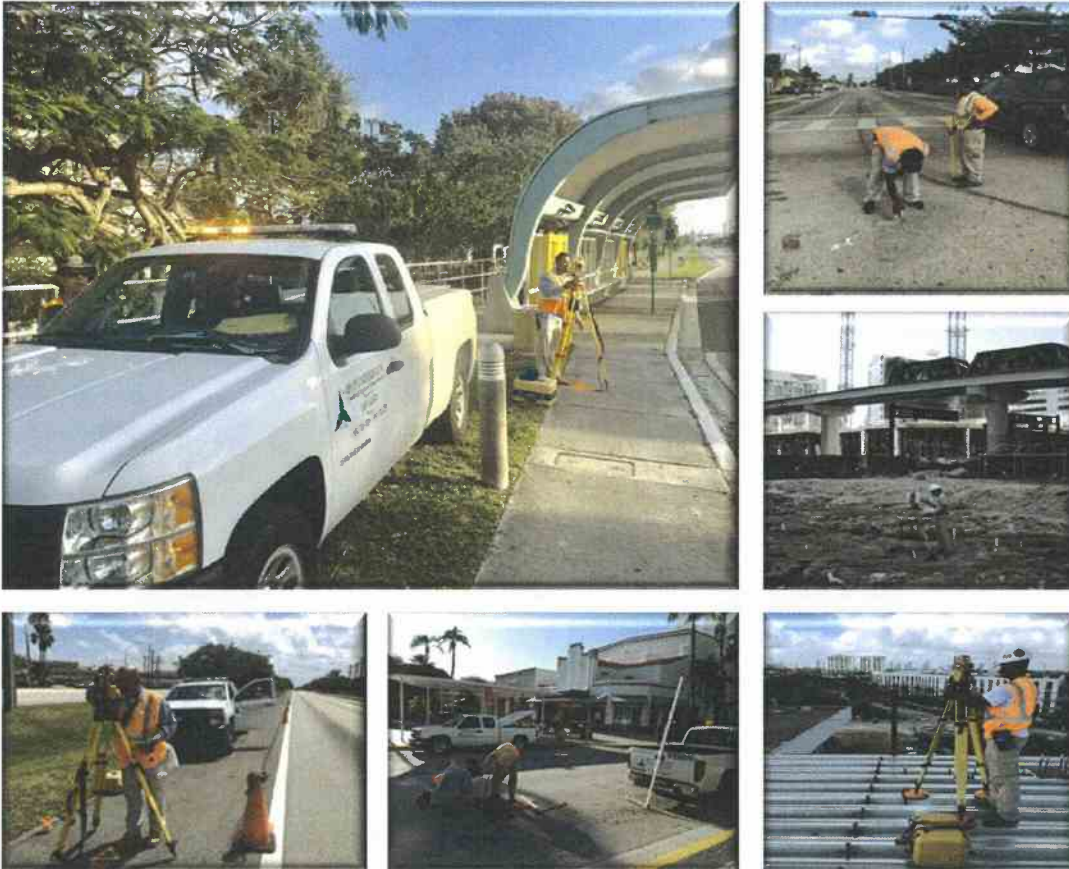
CHAPTER

4

PROPOSAL RESPONSE
REQUIREMENTS INFORMATION

A. Experience, Background, Reference Feedback

Professional Services Discipline to be considered: CONTINUING SURVEYING CONSULTING SERVICES



Biscayne Engineering Company (Biscayne) is honored to present and be considered for the ***Continuing Professional Services of Surveying and Mapping*** with the City of Delray Beach through the agreement (R.F.Q. No 2017-048).

Biscayne Engineering has amassed over one hundred (100) productive and advancing years in the South Florida surveying industry, compiling over a century of records and data that rivals any. Our history, advancing technology, experienced staff and diverse surveying network of team members can assure the City of Delray Beach that any surveying needs that are proposed under this agreement will be met with the highest level of integrity and accuracy, while adhering to time restraints and budget restrictions that all government agencies are facing during these challenging and changing times.

Proposer's Overall Professional Services Background and Experience



Biscayne Engineering is a full service Surveying and Engineering firm with a history of over One Hundred (100) years in the South Florida region that dates back to 1898.

Biscayne has an extensive library of local historical surveying records that depicts a unique story of South Florida that is unavailable elsewhere. Biscayne has offices located in both Palm Beach County and Miami-Dade County and maintains certifications with the Small Business Enterprise (SBE) of Palm Beach County, South Florida Water Management District and Miami-Dade County. Both offices serve as an extension of the other with a seamless line of communication and work production.

Currently Biscayne has seven (7) licensed surveyors, all with an extensive background of surveying in the private sector and with government agencies. In addition, our staff also includes three (3) surveyors in training (SIT's) all of whom are working towards becoming licensed surveyors. Our technical staff members all have a working knowledge of government projects and working with government agencies. At this time Biscayne is actively servicing government contracts with the City of Miami, the City of Hialeah, South Florida Water Management District and the Florida Department of Transportation (Districts 4 and 6).

Biscayne currently provides professional surveying services in Palm Beach County under our contract with the Florida Department of Transportation (FDOT). Biscayne has also provided general Surveying and Mapping services throughout South Florida area from its inception back in 1898 that consist of but are not limited to Boundary, Land surveys (Original Surveys, Retracement Surveys and Subdivision Surveys), Control Surveys, Topographic Surveys, FEMA Flood Certification Surveys, Route Surveys, and As-built Surveys.

With reference to the different types of surveying and their direct correlation to the examples of potential upcoming projects that may be released during this agreement period Biscayne has assembled a team of professionals to complement its surveying skills to successfully complete any surveying task that is presented under this proposed agreement.

For Hydrographic Surveying we are pleased to announce that Sea Diversified Incorporated (SDI), located in Delray Beach, will be joining our team. SDI has an extensive background in the hydrographic surveying industry with projects that range from our local area to international locations.

InfraMap Inc. has joined our team to assist with underground utility locates. These utility locates serve to enhance our base files and give a better representation of the underground encumbrances which can affect the design process. Biscayne has worked alongside InfraMap on countless projects located throughout Palm Beach County and the South Florida area.

Aerial Cartographics of America (ACA) is our mobile LiDAR and aerial scanning team member and will assist Biscayne with surveying projects that are along busy thoroughfares and with projects that are bounded by time constraints.

Paramount Title Services, Inc. will furnish any title work not supplied by the City of Delray Beach for the determination of encumbrances of record (Rights-of-Way, Easements, Restrictions and Reservations).

GIS has become a necessary implementation for most municipalities. The City of Delray is at the forefront of utilizing GIS and Biscayne has the ability to provide the City with all their GIS needs. To further this resolve, we have teamed with one of the top GIS companies in the local area, Florida Technical Consultants (FTC). Biscayne will work with FTC to fulfill the needs of the City. FTC's owners and staff has over 20 years of experience with GIS and the knowledge and capacity for a smooth and seamless transition of data from the field to GIS platform and ultimately to the City.

Biscayne Engineering, together with the team of professionals that we have assembled, has the background and experience to manage and complete any and all surveying projects to be issued under this contract.

EXPERIENCE IN OTHER RELATED SERVICES:

MEAN HIGH WATER STUDIES/SURVEYS

Though not specifically identified in the Request, Mean High Water Surveys/Studies are an important component of Boundary Surveys (and other types of surveys) when bordering sovereignty submerged lands. Despite its legal significance, performing Mean High Water Surveys and Studies is an area of surveying that many surveyors neglect. Biscayne, located just steps from such a water body, understands the importance of this work and has staff trained by Atlantic Professional Development in the principles for establishing the Mean High Water elevation, using the various methods approved by the Florida Department of Environmental Protection. This knowledge has been imparted to several professionals within our Company along with members of our team. Biscayne has many competent employees with a deep understand of the principles and practices of Mean High Water Surveying.

If MHW data is available near our site, Biscayne will seek Procedural Approval to extend the datum to our site. If approved, preparing the MHW Survey from this point is a fairly straight forward process. Typically, we will run a closed bench level circuit between at least (2) approved NAVD-88 benchmarks (or suitable alternative) and the project location. We will then contour the shoreline and develop a contour line at the MHW elevation. Typically, tidal benchmarks will be set and a survey tie line will be established. The drawing will be prepared in accordance with FDEP's standards.

If MHW data is not available near the site, it will typically be necessary for us to perform a short term MHW Study. The preferred method is the Range Ratio Method, but there are instances where field conditions will not permit this (if the low water reading cannot be made on the tide staff, for example). In such a case, the Amplitude Ratio Method may be required.

All data will be collected using FDEP's standard forms, and all calculations will be performed by a licensed PSM and will be QC'd by a licensed PSM prior to submitting.



EXPERT WITNESS

Biscayne is called to do research and apply that research in court cases in disputes of boundaries and legal rights of occupation for various things like utility lines, right of way and jurisdiction disputes. While surveying and mapping skills are obviously important assets, consultants should also be prepared to defend the City in court, should the need arise.

Court work is specialized: a good surveyor is not always a good expert. One must be confident, possess excellent communication skills, have some fundamental understanding of the law, and know what to say and what not to say. Being conscious of the courtroom also guides how we prepare our surveys from the outset. Biscayne has recent successful experience testifying in both jury and non-jury trials.

Biscayne has extensive experience in the preparation of Court Exhibits (we are currently assisting the FDOT Districts 4 and 6 Legal Department as well as others on several matters). Surveys and Maps are not always the best choice for conveying complex information in a simple manner. Using Adobe Illustrator, PowerPoint, and other applications, Biscayne has honed its skills at making compelling color graphics for court over the course of many years.

CIVIL ENGINEERING

With Biscayne Engineering also being a full service Civil Engineering Firm, we have a unique perspective of visualizing a project from its conception through the design process allowing us to anticipate the surveying needs of our clients. Developers and design professionals need sufficient detail in a survey used for design purposes to understand the existing conditions of a property, information not always shown on a typical topographic survey. By having engineering expertise in-house, Biscayne is able to provide surveys for design purposes with the understanding of the needs of developers and design professionals, thus minimizing the need for additional surveying and the scheduling impacts to the project. Biscayne also recognizes that such surveys are used to formulate their bid to the information contained in the survey can be valuable in reducing change orders and avoiding scheduling delays.

HISTORIC PRESERVATION SURVEYS

Biscayne has also worked on some unique projects that have involved the preservation of protected lands such as American Indian habitation lands in the Miami region. We utilized Static LiDAR technology to give a detailed and precise survey of these areas.

PLAN REVIEW SERVICES / PLATTING

Biscayne has been reviewing Plats for the City of Hialeah, to ensure Compliance with Chapter 177, Florida Statutes continually since 1999. In addition to reviewing, Biscayne Engineering has successfully completed and recorded plats in accordance to municipal or county code. Some of these plats were recorded back in the early 1900s and continue to remain relevant. Our team of experts understands the platting process from inception to recordation and our clients can rest assured that Biscayne will remain engaged with the progress of their plat.



TITLE SEARCHES

Our Survey Technicians are trained to read these documents. In connection with As-built surveys, R/W Maps and other R/W products, Biscayne will review title searches to determine matters of record affecting a property or properties.



EASEMENTS, LEGAL DESCRIPTIONS, AND SKETCHES TO ACOMPANY LEGAL DESCRIPTION

Biscayne Engineering prepares easements, legal descriptions and sketches on a daily basis. These items range in size and scope. Some may be used for discussion purposes, while others are used for meeting municipal/county/state requirements. At times, a legal description and accompanying sketch are prepared for the purpose of creating an easement through an instrument for official recordation. Our clients can rest assured that Biscayne has much knowledge with these items.

AIR RIGHTS SURVEYS

Biscayne is also a highly sought after firm in matters of Air Rights. This is becoming more prominent in our South Florida area where land has become scarce. The need for vertical expansion brings about the need for legal descriptions for the vertical extrusion of boundaries.



Awards, Certifications & Recognitions

State of Florida Department of State

I certify from the records of this office that BISCAYNE ENGINEERING COMPANY, INC. is a corporation organized under the laws of the State of Florida, filed on January 12, 1914.

The document number of this corporation is 006518.

I further certify that said corporation has paid all fees due this office through December 31, 2017, that its most recent annual report/uniform business report was filed on February 8, 2017, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Eighth day of February, 2017*



Ken Detmer
Secretary of State

Tracking Number: CC5522263289

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

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



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JIM BOXOLD
SECRETARY

July 13, 2016

Michael Bartholomew, President
BISCAYNE ENGINEERING COMPANY, INC.
529 West Flagler Street
Miami, Florida 33130

Dear Mr. Bartholomew:

The Florida Department of Transportation has reviewed your application for qualification package and determined that the data submitted is adequate to technically qualify your firm for the following types of work:

- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
- Group 8 - Survey and Mapping
 - 8.1 - Control Surveying
 - 8.2 - Design, Right of Way & Construction Surveying
 - 8.4 - Right of Way Mapping

Your overhead audit has been accepted, enabling your firm to compete for Professional Services projects advertised at the unlimited level, with estimated fees of any dollar amount. This status shall be valid until June 30, 2017 for contracting purposes.

	Home/Branch Office	Field Office	Facilities Capital Cost of Money	Overtime Premium Excluded	Direct Expense
Indirect Cost	183.48%	146.44%	0.077%		5.70% (Home) 8.37% (Field)*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

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

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator

www.dot.state.fl.us



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

REGISTERED VENDOR NO. 100915

December 28, 2015

Mike Bartholomew, President
Biscayne Engineering Company, Inc.
529 West Flagler Street
Miami, FL 33130

CERTIFICATION EXPIRATION DATE
December 28, 2018

Dear Mr. Bartholomew:

The South Florida Water Management District (District) has certified your firm as a Small Business Enterprise (SBE). This certification is valid for three (3) years and may only be applied when business is conducted in the following area(s):

Professional Engineering & Surveying and Mapping Services

Your submittal of bids or proposals to supply other products or services outside of this specialty(s) will not count toward SBE participation. If you require certification in other areas of specialty, please contact the Procurement Department, SBE Section, for additional information.

Renewal is required every three (3) years and should be requested within 45 days prior to the above expiration date.

If any changes occur within your company during the certification period (such as ownership, affiliate company status, address, telephone number, licensing status, gross revenue, or any information that relates to your SBE Certification status), you must notify this office in writing immediately. It is imperative that we maintain current information on your company at all times. **FAILURE TO REPORT CHANGES MAY RESULT IN DECERTIFICATION.**

Certification is not a guarantee that your firm will receive work, nor an assurance that your firm will remain in the District's solicitation database. Upon requesting or downloading a bid or proposal package your firm must respond by submitting a bid or proposal or submit a *Statement of No Response* form. This is very important, for failure to respond to three (3) solicitations will result in your company being removed from the District's solicitation database.

Sincerely,



Sandra Hammerstein
Sr. Compliance Specialist
Procurement Department

3001 Gun Club Road, West Palm Beach, Florida 33406 • (561) 686-8800 • FL WATS 1-800-432-2045
Mailing Address: P.O. Box 24680, West Palm Beach, FL 33416-4680 • www.sfwmd.gov

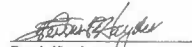
CERTIFICATE OF QUALIFICATIONS
Consultants Competitive Negotiation Act
(CCNA)

This certificate is awarded to

Biscayne Engineering Company, Inc.

106 – Water Dist./Sewer Collect/System & Force Main Design
108 – Surveying Services
119 – Civil Engineering

City of West Palm Beach



Frank Hayden
Procurement Official

January 11, 2019
Expiration Date

Palm Beach County
Office of Small Business Assistance

Certifies That

BISCAYNE ENGINEERING COMPANY, INC.

Vendor # VC0000118777

is a Small Business Enterprise as prescribed by section 2-80.21 – 2-80.35 of the Palm Beach County Code for a three year period from December 27, 2016 to December 26, 2019

The following Services and/or Products are covered under this certification:

CIVIL ENGINEERING;
ENGINEER SERVICES, PROFESSIONAL;
SURVEYING AND MAPPING SERVICES (EXCEPT GEOPHYSICAL).

Palm Beach County Board of County Commissioners



Allen F. Gray, Manager

12/27/2016

Paulene Burdick, Mayor
Melissa McKinlay, Vice Mayor
Hal Valeche
Dave Kerzer
Steven L. Abrams
Mary Lou Berger
Mack Bernard

County Administrator
Veronica C. Baker



Office of
Small Business Assistance
50 South Military Trail, Suite 202
West Palm Beach, FL 33415
(561) 616-6840
Fax: (561) 616-6850
www.pbcgov.com/osba



**Palm Beach County
Board of County
Commissioners**

Paulette Burdick, Mayor
Melissa McKinlay, Vice Mayor

Hal R. Valoche

Dave Kerner

Steven L. Abrams

Mary Lou Berger

Mack Bernard

County Administrator

Verdenia C. Baker

"An Equal Opportunity
Affirmative Action Employer"

 printed on recycled paper

December 27, 2016

George C. Bolton
Biscayne Engineering Company, Inc.
449 NW 35th Street, Suite 102
Boca Raton, FL 33431

Dear Mr. Bolton:

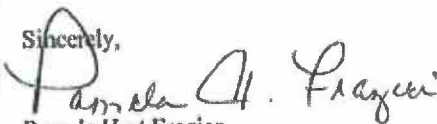
The Palm Beach County Office of Small Business Assistance has completed its review of the documents you submitted for certification and is pleased to announce that your firm has been certified for **92517 Civil Engineering; 92533 Engineer Services, Professional; 541370 Surveying and Mapping Services (except geophysical)** as a Small/Minority Business Enterprise (S/MBE) for three (3) years, expiring on December 26, 2019. No additional notice will be given with regards to this expiration date. We are now using NIGP coding that is specific to the scope of work prescribed. You will not receive SBE consideration if you bid in another area.

Your firm shall be subject to the provisions of the Palm Beach County Purchasing Ordinance and all State and Federal laws relating to the transaction of business.

This certification entitles you to participate in contracting opportunities when the products and services offered by your firm are being considered for bid. As an additional service to your firm, you will be included in the Palm Beach County Directory of certified SBE firms. If you wish to have your firm's services changed, please contact our office at (561) 616-6840 for an application to amend your certification.

Your company's certification is subject to periodic review to verify your continued eligibility. Any changes to your business must be reported to OSBA. Your company name and vendor code must be the same in both Purchasing and OSBA. Failure to maintain your firm in accordance with SBE requirements contained in the Palm Beach County Code or failure to report changes in the status of your firm may result in your firm being decertified. Remember, whenever you respond to a County bid you must do so under the name of **Biscayne Engineering Company, Inc.** with vendor code **VC0000118777**.

Sincerely,



Pamela Hart Frazier
Small Business Development Specialist



**Department of Engineering
and Public Works**

P.O. Box 21229
West Palm Beach, FL 33416-1229
(561) 684-4000
FAX: (561) 684-4050
www.pbcgov.com

**Palm Beach County
Board of County
Commissioners**

Mary Lou Berger, Mayor
Hal R. Valeche, Vice Mayor
Paulette Burdick
Shelley Vana
Steven L. Abrams
Melissa McKinlay
Priscilla A. Taylor

County Administrator

Verdenia C. Baker

"An Equal Opportunity
Affirmative Action Employer"



printed on recycled paper

July 26, 2016

Biscayne Engineering Company, Inc.
Attn: Luis Gaztambide
529 West Flagler Street
Miami, FL 33130

RE: CONSULTANT CERTIFICATION WITH PALM BEACH COUNTY

Dear Mr. Gaztambide:

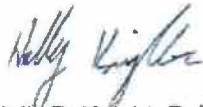
Enclosed please find your approved certification with Palm Beach County.

Qualification data must be updated when conditions are altered to either increase or reduce the Consultants capabilities, and/or when requested by the Department.

You are required to report changes of address and any significant changes to your manpower, capabilities, or work category qualifications, and provide us with copies of license renewals (corporate/professional).

Should you have any questions please contact me at (561) 684-4122.

Sincerely,



Holly B. Knight, P. E.

Enclosure

F:\ROADWAY\CGNA\CGNA Certified Firms\Active\Biscayne Engineering\Certification Letter.docx



Internal Services Department
Small Business Development
111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111 F 305-375-3160

April 10, 2017

CERT NO: 13441

Approval Date: 3/15/2017 - SBE/GS TIER 3

Expiration Date: 3/31/2020

Mr. George C. Bolton
BISCAYNE ENGINEERING COMPANY, INC.
529 W Flagler St
Miami, FL 33130

Dear Mr. Bolton:

Miami-Dade County Small Business Development (SBD), a division of the Internal Services Department (ISD) has completed the review of your application and attachments submitted for certification. Your firm is officially certified as a Miami-Dade County Goods & Services (SBE/GS) in accordance with section 2-8.1.1.1.1 of the code of Miami-Dade County.

This (SBE/GS) certification is valid for three years provided that you submit a "Continuing Eligibility Affidavit" on or before your anniversary date of (March 15) for the first and second year of the three year period. The affidavit must indicate any changes or no changes in your firm pertinent to your certification eligibility. The submittal of a "Continuing Eligibility Affidavit" annually with specific supporting documents on or before your Anniversary Date is required to maintain the three year certification. You will be notified of this responsibility in advance of the Anniversary Date. Failure to comply with the said responsibilities may result in immediate action to decertify the firm.

If at any time there is a material change in the firm including, but not limited to, ownership, officers, director, scope of work being performed, daily operations, affiliation(s) with other businesses or the physical location of the firm, you must notify this office in writing within (30) days. Notification should include supporting documentation. You will receive timely instructions from this office as to how you should proceed, if necessary. This letter will be the only approval notification issued for the duration of your firm's three years certification. If the firm attains graduation or becomes ineligible during the three year certification period, you will be properly notified following an administrative process that your firm's certification has been removed pursuant to the code.

Your company is certified in the categories as listed below affording you the opportunity to bid and participate on contracts with Small Business Enterprise measures.

Please note that the categories listed are very general and are used only to assist our customers in searching the directory for certified firms to meet contract goals. You can find the firm's up-to-date certification profile as well as all other certified firms on the Miami-Dade County Internal Services Department, Small Business Development Certified Firms' Directory at the website <http://www.miamidade.gov/smallbusiness/certification-programs.asp>.

Thank you for your interest in doing business with Miami-Dade County.

Sincerely,



Claudious Thompson, SBD Section Chief
Small Business Development Division

Proclamation



The Miami-Dade County Office of the Mayor and Board of County Commissioners

Whereas: As a diverse and growing metropolis, Miami-Dade County takes great pride in applauding institutions whose commitment, initiatives, as well as hard work enhance the well-being of those that reside in our midst; and

Whereas: Biscayne Engineering Company was founded in 1898, and this longstanding prominent company has utilized its experience, expertise and proven stability to become a recognizable and influential part of the growth of our community, as well as the South Florida region; and

Whereas: With their roots deeply planted in our midst, Biscayne Engineering Company has built an impeccable reputation that stands firm upon hard work, ethics and know-how, as this exceptional firm is focused on providing quality and cost effective services tailored to its clients, including land surveying and mapping, site planning and engineering, transportation engineering and planning, as well as structural engineering, to mention only a few of the valuable services they offer; and

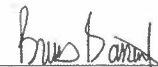
Whereas: Biscayne Engineering Company's most notable work includes the development of Villa Vizcaya, the laying out of the City of Miami Streets, and this company also played a significant part in the role of the development of the Deering and Brickell families estate, Star and Fisher Islands, Bayside Marketplace, the U.S. Post Office Building and the Federal Courthouse; and

Whereas: It is fitting and proper that official acknowledgment be given to this fine corporation as they celebrate their 110th anniversary, applauding the valuable contributions brought to our society by Biscayne Engineering Company, as their indelible accomplishments can not be measured nor duplicated;

Now Therefore: BE IT RESOLVED, THAT I, CARLOS ALVAREZ, MAYOR OF MIAMI-DADE COUNTY, CHAIRMAN BRUNO A. BARREIRO AND THE MEMBERS OF THE BOARD OF COUNTY COMMISSIONERS, ON BEHALF OF MIAMI-DADE COUNTY AND THIS COMMUNITY, do hereby proclaim Tuesday, January 8, 2008, as

Biscayne Engineering Company Day

In Observance Thereof: I call upon the good people of Miami-Dade County to join me in observing the 110th anniversary of Biscayne Engineering Company, wishing all those who played an integral part in the success of this company the absolute best in all that they strive to achieve.



Bruno A. Barreiro
Chairman

Carlos Alvarez
Mayor

Proclamation



Whereas: On this occasion, we are honoring Biscayne Engineering Co. established in 1898 by South Florida settlers, and can be truly characterized as one of the South Florida's pioneer companies. Biscayne Engineering Co. was recognized in 1991, as a "Cornerstone Company" by the Beacon Council and undoubtedly the firm's longevity is a source of great pride and respect among the municipal, state and federal governments; and

Whereas: Biscayne Engineering Co. is built on the base age-old hard work and know-how. Its visionary leadership and excellent service coupled with their ability to keep up with the technological evolution and the excellent service, provided a monumental reform in the building industry. In the City of Hialeah they have successfully administered several improvement projects including the Canal Maintenance, Multiple Schools, Metro Rail-Station, Okeechobee Road Expansion, Hialeah Race Track, and the Proposed Golden Glades Post Office Site.

Now, Therefore: I, Julio Robaina, Mayor of the City of Hialeah, under the power and authority vested in me, do hereby solemnly proclaim this Tuesday, the 12th day of August, in the year of the Lord 2008, as:

Biscayne Engineering Co. Inc. Day

In Hialeah, and urge our more than 250,000 residents to join me in honoring this event.

In Witness Whereof, I have hereunto set my hand and caused the Great Seal of the City of Hialeah to be affixed this 12th day of August, 2008.


Julio Robaina
Mayor

Proclamation

THE CITY OF MIAMI, FLORIDA

Whereas: In the quest to elevate the quality of life of all citizens, the City of Miami encourages partnerships between the public and private sectors, with goals supporting a humane urban environment; and

Whereas: Biscayne Engineering Company, known statewide for exemplary performance, experience, expertise and stability, has a record of dependability and excellence that spans more than 100 years of noteworthy building construction services; and

Whereas: Biscayne Engineering Company, recognized in 1991 as a "Cornerstone Company" by the Beacon Council, has been active in Florida's development industry since 1898, having provided the foundation for the long-standing stability of landmark South Florida buildings, including Viscaya, Miami-Dade Public Schools, and Jackson Memorial Hospital; and

Whereas: It is fitting and appropriate that the City of Miami recognize the business vision and entrepreneurial efforts of Biscayne Engineering Company and pay special tribute to the Company's 110th Anniversary;

Now, Therefore: I, Manuel A. Diaz, Mayor of the City of Miami, Florida, do hereby proclaim Thursday, the tenth of July in the year 2008, as

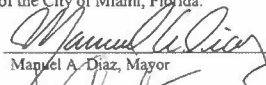
Biscayne Engineering Company Day

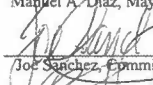
In Observance Thereof: I call upon all residents of the City of Miami to join me in the celebration of the outstanding commercial service of Biscayne Engineering Company.

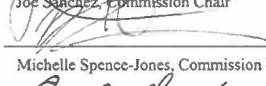
In Witness Whereof: I hereunto set my hand and cause the seal of the City of Miami to be affixed.

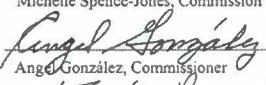
Done: In the Office of the Mayor of the City of Miami, Florida.

July 10, 2008

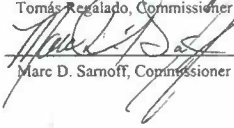

Manuel A. Diaz, Mayor

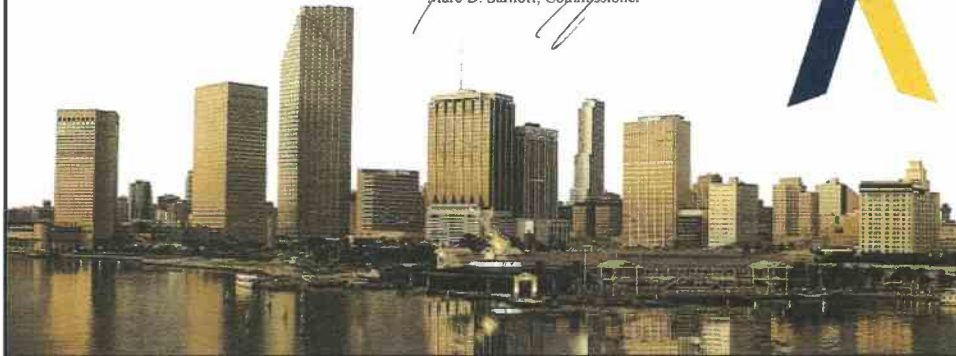

Joe Sanchez, Commission Chair


Michelle Spence-Jones, Commission Vice Chair


Angel González, Commissioner


Tomás Regalado, Commissioner


Marc D. Sarnoff, Commissioner



MIAMI BEACH

PROCLAMATION

WHEREAS Miami Beach takes great pride in recognizing organizations whose contributions serve to improve the quality of life in our community; and

WHEREAS Biscayne Engineering was incorporated in 1912 and has distinguished itself by providing excellent Engineering Services to private clients, cities, counties and the Florida Department of Transportation; and

WHEREAS Biscayne Engineering is headquartered in Miami and provides the following services: surveying and mapping; site planning and engineering; transportation engineering and planning; structural engineering; water and wastewater management; environmental engineering and construction management; and

WHEREAS Among their Clients there are: The Regent South Beach Condo, Ocean Beach Florida Addition # 2, La Gorce Country Club, De Soleil Condo, Miami Beach City Hall, Holocaust Memorial, Ocean Fairwing Hotel, South Pointe Park, Mt. Sinai Hospital, Miami Beach Convention Center, Miami Beach Senior High School and S.R. A1A at: 5th Street, from 63rd to 72nd and from West Street to Washington Av.

NOW THEREFORE, DO I, Matti Herrera Bower, Mayor of the City of Miami Beach, hereby proclaim July 16, 2008 as

Biscayne Engineering Company Inc. Day

in the City of Miami Beach.

MAYOR


MATTI HERRERA BOWER

By WITNESS WHEREOF, I have
Hand and caused the Great Seal of the
City of Miami Beach to be affixed



Client References

South Florida Water Management District

Surveyor/Mapper - Surveying Section
Amelia Rodriguez-Alers, PSM, MBA
E-mail: arodrigu@sfwmd.gov
3301 Gun Club Road
West Palm Beach, FL 33406
Phone: (561)686-8800 Fax: (561) 682-6605
Dates of Service: 2012 to Present

Scope: As-needed basis Contract for Surveying and Mapping Services; The contract consists of the preparation of all types of surveys including but not limited to R/W Maps, Maintenance Maps, Control Surveys and related Maps and Surveys, Expert Witness Services, Horizontal and Vertical Geodetic Control Surveys, Topographic, Field Reconnaissance, etc.



State of Florida Department of Transportation District 4

Paul E. Doll, PSM
Project Surveyor and Field Crew Supervisor
E-mail: paul.doll@dot.state.fl.us
3400 W. Commercial Blvd.
Ft. Lauderdale, FL 33309
Phone: (954)777-4579 Fax: (954)777-4223
Dates of Service: 2013 to present

Scope: Contract for Districtwide Right of Way Mapping and Surveying-District 4; the contract consists of the preparation of R/W Maps, Maintenance Maps, Control Surveys and related Maps and Surveys; Expert Witness Services; Title Search review, Parcel Sketches and Legal Description Preparation



State of Florida Department of Transportation District 6

Cristina K. Albury, PSM
District Right of Way Surveyor
E-mail: cristina.kinman@dot.state.fl.us
1000 NW 111th Avenue
Miami, FL 33172-5800
Phone: 305-470-5489
Date of Service: 2010 to Present

Scope: Contract for Districtwide Right of Way Mapping and Surveying-District 6; the contract consists of the preparation of R/W Maps, Maintenance Maps, Control Surveys and related Maps and Surveys; Expert Witness Services; Title Search review, Parcel Sketches and Legal Description Preparation.



City Of Miami
Capital Improvements & Transportation
Program

Sandra Vega

E-mail: svega@miamigov.com

444 SW 2nd Avenue – 8th Floor

Miami, FL 33130

Phone: (305) 416-1243 Fax: (305) 400-5304

Dates of Service: 2013 to Present

Scope: Contract consists of complete Surveying Services (Boundary, As-Built, Plat and Maps, PNC, R/W Maps, Drainage, Topographic, etc.) in accordance with all applicable law, building and environmental regulations.



City of Hialeah
Department of Community Development
Planning and Zoning Division

Debora Storch

Planning and Zoning Official

E-mail: dstorch@hialeahfl.gov

501 Palm Avenue, Second Floor

Hialeah, FL 33010

Phone: (305)883-8075

Dates of Service: 1999 to Present

Scope: Biscayne Engineering has provided to City of Hialeah, since 1999, continuous review services for plats to ensure compliance with Florida Statutes Chapter 177. In addition, Biscayne Engineering provides various services to City of Hialeah such as:

- Preparation of sketches and legal descriptions
- Review of title documents
- Preparation of surveyor's affidavits
- Preparation of exhibits
- Review of zoning resolutions



Key Personnel and Subcontractors Proposed & Roles

BISCAYNE ENGINEERING KEY PERSONNEL		
Key Personnel	Role	Services Provided
Mike Bartholomew, PSM	Proposer	Executive Manager
Luis Gaztambide, PSM	Proposer	Project Manager
X Antonio Negrin, PSM	Proposer	Production Manager
Wolf Hueck, PSM	Proposer	Field Crew Supervisor
Warren Rolle	Proposer	Sr. Survey Technician
SUBCONTRACTORS		
ACA - Iarelis Diaz Hall, PSM	Subcontractor	Photogrammetry (Aerial, Mobile LiDAR)
InfraMap, Inc. - Jay Scagliola, PLS	Subcontractor	Subsurface Utility
Sea Diversified, Inc. - William T. Sadler, P.S.M., P.E.	Subcontractor	Hydrographic - Bathymetry
Florida Technical Consultants - James Barton, P.E., LEED AP	Subcontractor	GIS
Paramount Title - Eliana Leal, ESQ	Subcontractor	Title Services

Key Personnel and Subcontractors Resumes

Mike Bartholomew, PSM President/Executive Manager

Mr. Bartholomew is President of Biscayne Engineering Company and a Professional Surveyor and Mapper with 31 years of experience (approximately 28 years of which have been with Biscayne Engineering Company, Inc.). His responsibilities include managing large scale and multi-Million Dollar contracts for Municipalities and State Government Agencies, and overseeing the preparation of Canal R/W Maps and Surveys, LiDAR, Design and Control Surveys and the wide variety of surveys encountered at Biscayne (Boundary, ALTA/ACSM, Specific Purpose, Topographic, Mean High Water, etc.). He is also actively involved in the preparation of plats and in his role as plat reviewer for the City of Hialeah is well versed in the requirements of Chapter 177, Part 1, of Florida Statutes. He has a vast knowledge of various software programs such as Microstation, Microstation V8i, Leica's Cyclone, Topo-DOT, FDOT procedures and requirements, and Autodesk's AutoCAD Civil 3D as well as basic scripting capabilities. In addition, he works closely with the office staff and Field Crew Supervisor in the management of the numerous construction surveying projects performed throughout South Florida.

Relevant Experience

Lyric Subdivision, Miami, Florida. Project Description: This project consisted of initial Boundary Survey, Topographic Survey, Tentative Plat, and Final Plat preparation for City of Miami & Miami-Dade County review and approval. Site Located: Between NW 1 Avenue & NE 2 Ave. and NW 8 St. & NW 9 St. Role in Project: Executive Manager.

Expert Witness for Sunset Cove, Key Largo, FL & Murals in Miami Dade County, Miami, Florida. Project Description: Perform research, Title Review, and attend meetings in connection with Sunset Cove matter in Key Largo, Murals were located in the City of Miami, Florida. Role in Project: Expert Witness.

Various State Roads for FDOT District 6, Miami Florida. Project Description: These projects consisted of Recon and Location of Right-of-Way Monument Section Corners. Performed GPS Survey, Horizontal Traverse and analyze Survey Right-of-Way Monumentations in conjunction with Record Data. Site Location: Miami, Florida. Role in Project: Executive Manager.

Project Manager Cargotech - Port of Miami Trolley Rail Survey, Miami-Dade County, Florida. Project Description: This project consisted of the preparation of a high level accuracy survey including Horizontal Location of Rails, Gantry Centerline Survey, and Elevations. The majority of work performed was with the use of High Density (HD) Laser Scanning Equipment. Role in Project: Executive Manager.

North and South District Wastewater Treatment Plants; Miami-Dade County, Florida. Project Description: this project consisted of processing of field data, registration, integration, and importation of scan data into software database. Prepared high density 3D survey model of the Wastewater Treatment plant for engineering design with reference to state plane coordinates and vertical datum. Role in Project: Executive Manager.

Education

Associate of Technical Arts, Everett Community College, Everett, WA (1987)

Registration

Professional Surveyor & Mapper No. 5666 (1997)

Microsoft Certified Professional

Affiliations

Member of Florida Surveying and Mapping Society (FSMS)

Years of Experience

31 years

Luis Gaztambide, PSM
Project Manager

Mr. Gaztambide is a Professional Surveyor and Mapper with 22 years of experience. He graduated from the Polytechnic University of Puerto Rico in 1998 with a BS in Land Surveying and Mapping and in 2006 obtained an MS in Geomatics Engineering from Purdue University in West Lafayette, Indiana. He has a vast experience managing large volume of projects from Municipalities and State Governments Agencies. His duties include overseeing the field and office procedures for R/W and Location Surveys as well as R/W Mapping for the Florida Department of Transportation (FDOT). Mr. Gaztambide has a wide range of experience with Multi-platform scanning integration, Leica Geo Office, AutoCAD, Hector the Vector, EFB3.2, Caice, Microstation, Microstation V8i, Geopak, TopoDOT, and Civil 3D, and he is familiar with all the procedures and requirements for the wide variety of surveying services Biscayne Engineering provides for the FDOT. Mr. Gaztambide's experience includes Topographic, Boundary, ALTA/NSPS, Control, As-Built, Construction and Specific Purpose Surveys.

Relevant Experience

Interstate 95 Overpasses, Broward County, Florida. Project Description: this project consisted of preparing high density 3D survey models of Interstate 95 overpasses and clearances for engineering design with reference to state plane coordinates and a vertical datum. Research project site and determine survey strategy. Coordinate with data collection, including laser scanning operation, and verify quality control parameters. Role in Project: Project Manager.

I-95 at 6th Avenue in Lake Worth. Project Description: This project consisted of researching the project site to determine survey strategy; Coordination of data collection, processing conventional and GPS survey data for DTM and Right of Way Monumentation; performing field LiDAR survey for I-95 underpass; extracting survey files from LiDAR data in Microstation using Topo-DOT software. Role in Project: Project Manager.

Lincoln Road Mall, Miami Beach. Project Description: This project consisted of preparation of high density 3D survey model of Lincoln Road Mall for architectural and engineering design with reference to state plane coordinates and vertical datum, research project site and determine survey strategy, extraction of building faces from Static LiDAR point cloud using TopoDOT software. Role in Project: Project Manager.

North 14th Avenue, from Atlantic Shore Boulevard to Sheridan Street. Project Description: Oversaw and supervised survey services, which included: preparation of Topographic, DTM, Drainage Survey and PNC sheets; preparation, review, research and calculation to establish baseline of survey and Right of Way lines of N 14th Avenue, Polk Street and Johnson Street; coordinated with Mobile LiDAR and SUE sub-consultants to provide control and additional surveying support services; QA/QC of all deliverables files and reviewed final package prior to submittal. Role in Project: Project Manager.

Palmetto Park Road, Palm Beach County. Project Description: Oversaw and supervised the survey services, which included: field and office staff coordination, procedures employed in the project to establish the baseline of survey and Right of Way for Palmetto Park Road and Lake Worth drainage District L-48 Canal. Role in Project: Project Manager.

Education

Polytechnic University of Puerto Rico, San Juan Campus –BS in Land Surveying and Mapping (1998)

Purdue University, West Lafayette, Indiana–MS in Geomatics Engineering (2006)

Registration

Professional Surveyor and Mapper No.6816

Professional Land Surveyor, Department of State, Commonwealth of Puerto Rico (2006)

Affiliations

Member Florida Surveying and Mapping Society (FSMS), Palm Beach Chapter

Association of Engineers and Surveyors of P.R. (CIAPR)

Years of Experience

22 Years



X Antonio Negrin, PSM
Production Manager

Mr. Negrin is a Professional Land Surveyor with 22 years of experience, 11 years of which have been with Biscayne Engineering. Mr. Negrin is responsible for overseeing the field and office procedures for Boundary and Topographic Surveys, R/W, GPS and HD Laser Scanning. Mr. Negrin has extensive R/W Mapping experience. He has a wide range of experience with Trimble Business Center and the FDOT Software Hector the Vector, AutoCAD and Civil 3D. With respect to HD Laser Scanning, Mr. Negrin has received specific training from Leica, in field and office operation of the Leica hardware and associated software (Cloudworx, Cyclone). Additionally, he has knowledge and practical experience with Civil 3D, Caice, Microstation and Geopak.

Relevant Experience

Various State Roads for FDOT District 6, Miami Florida. Project Description: Recon and Locate Right-of-Way Monument Section Corners. Performed GPS Survey, Horizontal Traverse and analyze Survey Right-of-Way Monumentations in conjunction with Record Data. Role in Project: Production Manager.

Center Brickell Subdivision, Miami Florida. Project Description: Project consists of initial Boundary Survey, Topographic Survey, Tentative Plat Preparation for City of Miami and Miami-Dade County Review, Approval and final Plat Preparation. Role in Project: Production Manager.

Curtis Park, Miami, Florida. Project Description: Services include Boundary and Topographic Survey, including closed traverse; boundary markers, title search/easements, water boundary, closed vertical, site improvements, underground utilities, tree survey, road improvements, and State Plane Coordinates. Role in Project: Production Manager.

North Dade Sewage Treatment Plant, Miami-Dade Water and Sewer Department, Miami, Florida. Project Description: Services include Boundary and Topographic Survey in support of the treatment plant upgrades. This project included the use of laser scanning in 3-D to locate the components of the plant including tanks, piping and other features. Role in Project: Production Manager.

SW 8th Street (S.R. 90) from SW 27th Avenue to SW 37th Avenue, Miami-Dade County, Florida. Project Description: Services included checking field work, analyzing property corner data, plat boundaries, and right of way maps, and producing a Topographic Survey for design purposes depicting all improvements and right of way lines. Role in Project: Production Manager.

Miami Beach Convention Center Renovation, Miami Beach, FL. Miami Beach, FL. Services included Engineering Surveying support to the General Contractor during construction including plans for the construction support compound, multiple maintenance of traffic plans and permitting. Project also included construction layout surveying, laser scanning in 3-D, and As-builts. Role in Project: Production Manager.

Education

Novosibirsk Institute of Engineers of Geodesy - Photogrammetry and Cartography, Russia (1992)

AutoCAD. MDCC Inter American Campus (2005)

Microstation. Bentley Institute (2008)

HD Laser Scanning Leica Training course, Atlanta, Georgia (2011)

Registration

Florida Professional Surveyor and Mapper, Florida No. 6987

Affiliations

Member Florida Surveying and Mapping Society (FSMS)

Years of Experience

22 Years



Wolf Hueck, PSM
Field Crew Supervisor

Mr. Hueck is a Professional Surveyor and Mapper with 29 Years of experience. His responsibilities include the supervision and preparation of the wide variety of surveys encountered at Biscayne (Boundary, ALTA/ACSM, Record, Topographic, Mean High Water, etc.). He works closely with the office CADD operators and field crew personnel in the management of the numerous surveying projects performed throughout South Florida.

Relevant Experience

Various State Roads for FDOT District 6, Miami Florida. Miami, FL. Role in Project: Field Crew Supervisor. Services included Recon and locating right-of-way monument section corners, performed GPS Survey, laser scanning in 3-D, QA/QC PNC, and Horizontal Traverse and analyzing survey right-of-way Monumentations in conjunction with record data.

City of Hialeah, Hialeah, FL. Role in Project: Professional Surveyor & Mapper. Project Description: Miscellaneous Survey Services, Project consisted of Royal Container- Prepare sketch & legal of Pump Station at NW 142 Street, Review multiple title documents.

Between NW 1 Avenue & NE 2 Ave. and NW 8 St. & NW 9 St. Lyric Subdivision, Miami, Florida. Role in Project: Field Crew Supervisor. Project Description: The project consisted of initial Boundary Survey, Topographic Survey, Tentative Plat, and Final Plat preparation for City of Miami & Miami-Dade County review and approval.

S.F.W.M.D. (Big Cypress Basin) Naples, Florida. Role in Project: Field Crew Supervisor. Project Description: The project consisted of As-Builts for 24 structure elevations in North American Vertical Datum of 1988. Establish NAVD 88 Elevations, record survey field Work of 24 sites; Preliminary Surveyor's Report of all sites and Final Surveyor's Report, QA/QC Completed.

North Dade Sewage Treatment Plant, Miami-Dade Water and Sewer Department, Miami, Florida. Role in Project: Field Crew Supervisor. Project Description: The project consisted of Boundary and Topographic Survey in support of the treatment plant upgrades. This project included the use of laser scanning in 3-D to locate the components of the plant including tanks, piping and other features.

Krome Avenue, Florida Department of Transportation, Miami, Florida. Role in Project: Field Crew Supervisor. Project Description: The project consisted of Right-of-Way maps of Krome Avenue in the 5-mile segment between SW 8th Street and Kendall Drive in support of the reconstruction of Krome Avenue from 2 lane rural section roadway to a 4-lane divided urban section roadway.

State Road 7 (7th Avenue) Maintenance Maps, Florida Department of Transportation, Miami, Florida. Role in Project: Field Crew Supervisor. Project Description: The project consisted of the preparation of Maintenance Maps for four intersections along the SR 7 roadway corridor.

Education

University of
Nicaragua, U.N.A.N –
Civil Engineering
(1981)

Registration

Florida Professional
Surveyor and Mapper,
Florida No. 6519

Affiliations

Member of Florida
Surveying and Mapping
Society (FSMS)

Years of Experience

29 Years

Warren Rolle
Senior Survey Technician

Mr. Rolle is a Survey Technician with 20 years of experience in the South Florida Surveying and Mapping industry. Mr. Rolle started out as a survey rodman working his way up through the industry to become a well-rounded surveying asset. With 17 plus years of experience working on government projects and overseeing multiple departments from CAD to project manager he can provide a unique oversight and technical ability to any project.

Relevant Experience

Palmetto Park Road, Palm Beach County . Role in Project: Survey Technician. Project Description: Right of Way determination. Researched for recorded boundary documents along Palmetto Park Road; managed field crews in work to be performed and methodology to be used; processed survey data for GPS and conventional surveys; drafted worksheet and performed right-of-way analysis and calculations.

I-95 at 6th Avenue in Lake Worth. Role in Project: Survey Technician. Project Description: Processed conventional and GPS survey data for DTM and Right of Way Monumentation; Performed field LiDAR survey for I-95 underpass; extracted survey files from LiDAR data in Microstation using Topo-DOT software; drafted deliverable survey files for FDOT and drafted Project Network Control (PNC) sheets.

Old School Square in Delray Beach, Boundary and Topographic Survey, condominium Documents and Sketch and Legal documents for easements. Role in Project: Survey Technician. Project Description: This project consisted of assisting in preparation of scope of services; research for Horizontal and Vertical Control Points from NGS; preparation of legal description and preparation of CADD drawings.

Southern Glades, South Florida Water Management District. Role in Project: Survey Technician. Project Description: A multi section Boundary Survey located in the Southern Glades of Florida. Location and setting of section corners in the Glades utilizing boats and creative surveying methods. Project Roles: Assisted with the project research and setup. CAD production and final plan submittals.

Water Main Connection Project Lake Ida Road and Military Trail, Delray Beach, FL. Role in Project: Survey Technician. Project Description: The project consisted of the design of a water main with a connection between the City of Delray Beach and Palm Beach County Water Utility department utilizing Jack and Bore under Military Trail.

14th Avenue, Hollywood, FL. Role in Project: Survey Technician. Project Description: Design Survey. Assisted in preparation of scope of services; researched for Horizontal and Vertical Control Points from NGS; prepared GPS Plan for Fast Static Observations; lined out and manage field crews in work to be performed in different phases; researched for Section Corner records and recorded documents for right-of-way determination; processed survey data for GPS static observations, RTK methods, conventional surveying with EFB and leveling; determine Section Lines, Right of Way and Baseline based on found Monumentation.

Palms of Deerfield ALTA / ACSM survey. Role in Project: Survey Technician. Project Description: Boundary and topographic survey a large apartment complex with ALTA / ACSM requirements.

Education

Keiser College
Fort Lauderdale,
Florida.

Palm Beach State
College

Affiliations

Member Florida
Surveying and
Mapping Society
(FSMS)

Years of Experience

20 Years

Sub-Contractors Resumes





James Barton, P.E., LEED AP

Education

Bachelor of Science, Civil Engineering, Queens University
(Canada), 1990

Registration

Professional Engineer, Florida, 59257, 2003

Professional Affiliations

American Society of Civil Engineers
American Water Works Association
Florida Engineering Society
Urban and Regional Information Systems Association
(URISA)

Certifications

ESRI Authorized Trainer
LEED Accredited Professional

Mr. Barton has over 20 years of engineering experience both internationally and domestically. The main focus of his international experience includes engineering design and project management of water and sanitation programs, including water resources, infrastructure rehabilitation and GIS implementation. His domestic experience includes environmental engineering, utilities and road construction. Mr. Barton routinely integrates GIS technology with engineering.

He is working with ESRI developing software tools to assist in detail design and is experienced with implementing GIS/ GPS for construction field inspection. He is currently studying towards a Certificate in Integrated Watershed Management and a Certificate in Visual Planning (GIS Technology).

He has been using GIS in engineering since 1999 and became an ESRI Authorized Trainer in 2003.

Since then, he has provided training to over 75 students in various organizations and disciplines. His specialty is training for people specializing in utilities, public works and engineering, but he has also trained fire, police and city administration.

He started using GIS in his day-to-day activities for simple outputs such as construction maps for contractors and public information campaigns. This led to using GIS for permit maps, analysis and project planning for proposals and finally design projects. In 2004, he started working with ESRI developing GIS tools that could be used for detailed design and transferring data out of and into the CAD environment.

These tools have been presented at numerous conferences and user group meetings. One of the latest developments is linking design tools with existing LiDAR data. This allows for conceptual design with real elevations without the survey, taking survey out of the critical path of project planning.

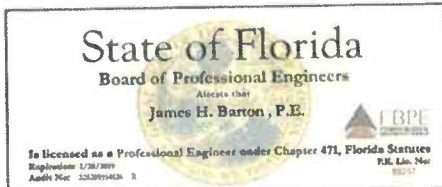
Mr. Barton has provided training to

- Chen and Associates, 2004, 2005
- Islamorada, Village of Islands, 2005
- City of Sunrise, 2006
- City of Marathon, 2006, 2009
- Monroe County Property Appraisers Office, 2006
- Wantman Group, 2007
- Florida Keys Aqueduct Authority, 2007
- City of Dania Beach, 2007
- City of Miami Gardens, 2009
- Coral Springs Utilities 2011
- Highland Beach 2015
- Town of Davie 2015
- Coral Springs Improvement District 2016

Mr. Barton also founded the Florida Utility User Group, which works on integrating GIS technology into engineering. The group currently has over 300



members.



James Barton



ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County

P.O. Box 3303, West Palm Beach, FL 33402-3353
www.pbctax.com Tel: (561) 355-2264

"LOCATED AT"
401 West ATLANTIC AVE Ste 09
DELRAY BEACH, FL 33444

TYPE OF BUSINESS	OWNER	COUNTY CATEGORY	RECEIPT NUMBER	DATE	ISSUED	PAID	REMARKS
FLORIDA TECHNICAL CONSULTANTS LLC	FLORIDA TECHNICAL CONSULTANTS LLC	02 - 1020	2016/2017 LOCAL BUSINESS TAX RECEIPT	LBTR Number: 2015083703	EXPIRES: SEPTEMBER 30, 2017		

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

FLORIDA TECHNICAL CONSULTANTS LLC
FLORIDA TECHNICAL CONSULTANTS LLC
401 W ATLANTIC AVE STE 09
DELRAY BEACH, FL 33444

ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County

P.O. Box 3303, West Palm Beach, FL 33402-3353
www.pbctax.com Tel: (561) 355-2264

"LOCATED AT"
401 West ATLANTIC AVE Ste 09
DELRAY BEACH, FL 33444

TYPE OF BUSINESS	OWNER	COUNTY CATEGORY	RECEIPT NUMBER	DATE	ISSUED	PAID	REMARKS
FLORIDA TECHNICAL CONSULTANTS LLC	FLORIDA TECHNICAL CONSULTANTS LLC	03 - 1020	2016/2017 LOCAL BUSINESS TAX RECEIPT	LBTR Number: 2015083784	EXPIRES: SEPTEMBER 30, 2017		

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

FLORIDA TECHNICAL CONSULTANTS LLC
FLORIDA TECHNICAL CONSULTANTS LLC
401 W ATLANTIC AVE STE 09
DELRAY BEACH, FL 33444

CITY OF DELRAY BEACH
BUSINESS TAX RECEIPT
& CONTRACTOR REGISTRATION

RESTRICTION:
OWNER/OWNER/OWNER BARTON JAMES H PE
BUSINESS NAME: FLORIDA TECHNICAL CONSULTANTS
LOCATION: 401 W ATLANTIC AVE #0-9
CLASSIFICATION: PROFESSIONAL-ENGINEERS

84326

RECEIPT NO 17 00057296
CONTROL NO 143452
DATE ISSUED: 7/08/16
BUSINESS TAX FEE: 181.24
DELINQUENT FEE: .00
TRANSFER FEE: .00

TOTAL AMOUNT PAID: 181.24

BUSINESS TAX RECEIPT GRANTED FOR THE PERIOD
OCTOBER 1 2016 TO SEPTEMBER 30 2017

BUSINESS TAX RECEIPT MUST BE
CONSPICUOUSLY DISPLAYED TO
PUBLIC VIEW AT BUSINESS LOCATION

FLORIDA TECHNICAL CONSULTANTS
401 W ATLANTIC AVE #0-9
DELRAY BEACH FL 33444

Notice: This business tax receipt becomes NULL and VOID if ownership, business name, or address is changed. Applicant must apply for transfer.

State of Florida Department of State

I certify from the records of this office that FLORIDA TECHNICAL CONSULTANTS, LLC is a limited liability company organized under the laws of the State of Florida, filed on January 21, 2014.

The document number of this limited liability company is 1.14000011037.

I further certify that said limited liability company has paid all fees due this office through December 31, 2017, that its most recent annual report was filed on January 22, 2017, and that its status is active.

Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Eighth day of March, 2017



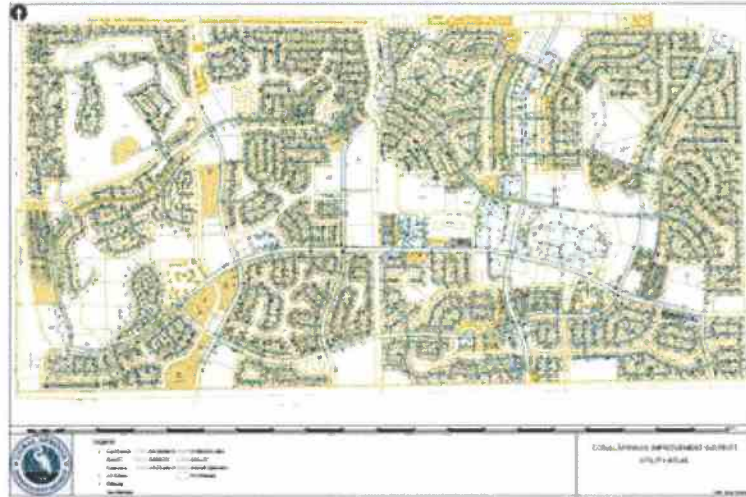
Ken Diefen
Secretary of State

Tracking Number: C0001272846
To authenticate this certificate, visit the following please enter this number, and then follow the instructions displayed.
<https://www.sos.fl.gov/Files/CertificateOfStatus/CertificateAuthentication>

City of Dania Beach Mr. Ronnie Navarro 1201 Stirling Rd Dania Beach, FL 33004 (954) 924-3615 rnavarro@ci.dania-beach.fl.us	FTC converted the City CAD Atlas to GIS with another firm. FTC is now field verifying the system and updating the GIS using high resolution aerials and ArcGIS Online. Systems included water, sewer and drainage. 08/10/2015 – present \$10,000 
Town of Davie Mr. Don Bayler Utilities Director 7351 SW 30 Street Town of Davie, FL 33314 Ph 954-327-3741 Fax 954-327-3752 Don_Bayler@davie-fl.gov	FTC converted the City CAD Atlas to GIS. ArcGIS Applications were developed and staff were trained to inventory and field verify features. Systems included water and sewer. 09/15/2014– present \$20,000 

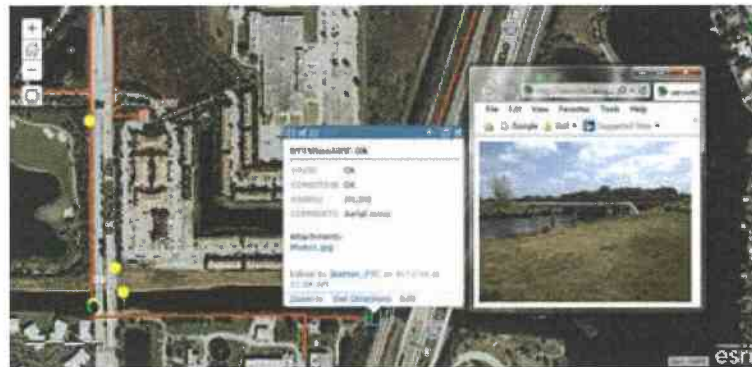
Coral Springs Improvement District
Mr. Curt Dwiggins
Supervisor, CSID
Coral Springs FL 33071
(954) 796 6608
CurtD@fladistricts.com

FTC provided data setup and training for the CSID to collect and input their own data into GIS. Water main breaks were mapped. Density analysis provided replacement prioritization. Training was provided ArcGIS Online field apps and desktop.
10/01/15 – Present
\$20,000



Boynton Beach Utilities
Michael Low, Manager,
Technical Services
Boynton Beach Utilities
City of Boynton Beach
124 E. Woolbright Rd.
Boynton Beach
Florida 33435
(561)-742-6403
lowm@bbfl.us

FTC created a GIS Data set to support modeling in Potable Water, Sanitary Sewer, Reclaim Water and Stormwater. Several sources of existing data were merged and topologically cleaned for snapping, node creation. Elevations were extracted and used to populate nodes. ArcGIS Applications were developed and staff were trained to inventory and field verify features.




Iarelis Hall, PSM

Assistant Vice President / Project Manager



Iarelis Hall brings 17 years of surveying and mapping experience with both public and private sectors. She specializes in providing services to the Florida Department of Transportation, Miami-Dade Public Works, Miami-Dade County Water and Sewer Department, Florida Department of Environmental Protection and the South Florida Water Management District.

Ms. Hall has significant experience in almost all aspects of survey operations on transportation, water management, and airport projects. She is experienced in boundary, topographic, GPS, rights-of-way, route, design, geodetic control, and utility surveying. Ms. Hall is well versed in field to office surveying solutions and maintains an in-depth understanding of field and office procedures and advanced technologies.

Relevant Project Experience

14th Avenue Bike Lanes from Atlantic Shores Boulevard to SR 822 (Sheridan Street), Broward County, FL. *Florida Department of Transportation District 4* – ACA was tasked under our current Districtwide contract to provide 3D design survey of the 3.45 mile bike lane project corridor utilizing a combination of Terrestrial Mobile LiDAR (TML) and conventional survey. ACA was also responsible for target placement and merging the field survey data and our LiDAR data set for the final deliverable to the District. Deliverables included a calibrated LiDAR point cloud tiled in LAS format, DTM and planimetric topographic survey files in MicroStation SS4 format, digital geo-referenced color imagery.

Broward Mobility Projects, North 64th Avenue, SW 56th Avenue and SW 62nd Avenue, Broward County, FL. *Florida Department of Transportation District 4* – This 8 corridor mile project required a hybrid approach of mobile LiDAR and conventional survey to provide a 3D and 2D design survey. The topographic survey data will be utilized to support the design mobility improvements of bike lanes, ADA ramps and sidewalks along the project corridors on SW 56th Avenue, SW 62nd Avenue and NW 64th Avenue. ACA was also responsible for target placement and merging the field survey data and our LiDAR data set for the final deliverable to the District. Deliverables included a calibrated LiDAR point cloud tiled in LAS format, DTM and planimetric topographic survey files in MicroStation SS4 format, digital geo-referenced color imagery.

Broward Mobility Projects, North East Broward (Pompano Beach/Deerfield Beach, Broward County, FL. *Florida Department of Transportation District 4* – This 6.3 corridor mile project required a hybrid approach of mobile LiDAR and conventional survey to provide a 3D and 2D design survey. The topographic survey data will be utilized to support the design mobility improvements of bike lanes, ADA ramps and sidewalks along the project corridors on NE 11th Avenue, NE 48th Street, SW 3rd Avenue and SE 2nd Avenue. ACA was also responsible for target placement and merging the field survey data and our LiDAR data set for the final deliverable to the District. Deliverables included a calibrated LiDAR point cloud tiled in LAS format, DTM and planimetric topographic survey files in MicroStation SS4 format, digital geo-referenced color imagery.

Education

Bachelor of Science, Land Surveying and Topography
University of Puerto Rico,
1999

Master of Engineering
Management

Polytechnic University of
Puerto Rico, 2009

Registration

Professional Surveyor &
Mapper, FL, LS 6631, 2008

Employment

Aerial Cartographics of
America, Inc., Dec 2011 -
Current

Miller Legg

Apr 2004 – Dec 2011

Control Point Associates

Mar 2004 - Nov 2004

F.R. Aleman & Associates

Oct 2002 – Aug 2003

Weidner Surveying &
Mapping

2001 - 2002

Years of Experience

18



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.: **LS6631**
Expiration Date February 28, 2019

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

IARELIS D HALL
1345 GOLF COURSE DR
APOPKA, FL 32712-2122


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 Pkwy Tallahassee, Florida 32399-6500

License No.: **LB6748**
Expiration Date February 28, 2019

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

AERIAL CARTOGRAPHICS OF AMERICA INC
423 S KELLER RD STE 300
ORLANDO, FL 32810-6132


ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

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

State of Florida
Department of State

I certify from the records of this office that AERIAL CARTOGRAPHICS OF AMERICA, INC. is a corporation organized under the laws of the State of Florida, filed on December 29, 2003.

The document number of this corporation is P04000000100.

I further certify that said corporation has paid all fees due this office through December 31, 2017, that its most recent annual report/uniform business report was filed on April 3, 2017, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Third day of April, 2017



Ken Putnam
Secretary of State

Tracking Number CC21171673871

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

<http://www.flcourts.com/Florida/Certificates/Online/CertificateAuthentication>



Florida Department of Transportation
605 Suwannee Street
Tallahassee, FL 32399-0450

BUCK SCOTT
GOVERNOR

JIM BOYD
SECRETARY

June 10, 2016

Steven Kuda, Senior Vice President
AERIAL CARTOGRAPHICS OF AMERICA, INC.
423 South Keller Road, Suite 300
Orlando, Florida 32810

Dear Mr. Kuda:

The Florida Department of Transportation has reviewed your application for qualification package and determined that the data submitted is adequate to technically qualify your firm for the following types of work:

Group 8 - Survey and Mapping

- 8.1 - Control Surveying
- 8.2 - Design, Right of Way & Construction Surveying
- 8.3 - Photogrammetric Mapping
- 8.4 - Right of Way Mapping

Your overhead audit has been accepted, enabling your firm to compete for Professional Services projects advertised at the unlimited level, with estimated fees of any dollar amount. This status shall be valid until June 30, 2017 for contracting purposes.

	Home/Office	Capital Cost of Money	Overtime Premium Excluded	Direct Expense
Indirect Costs	288.01%	6.062%		17.17% (Home)

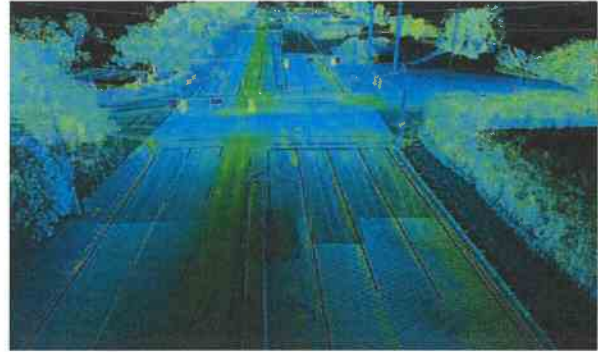
Should you have any questions, please feel free to contact me by email at carlilyn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,
Carlilyn Kell
Carlilyn Kell
Professional Services
Qualification Administrator

www.dot.state.fl.us

City of Hollywood Waterline Replacement Program Mobile LiDAR Collection, Hollywood, Florida *City of Hollywood, FL* -

ACA and CTA teamed together to provide Mobile LiDAR surveying design, permitting, bidding and limited construction observation services for this 17 miles of roadway from Taft Street to Charleston and N. 66th Avenue to North 72nd Avenue in Hollywood, Florida. A survey control baseline was established throughout the project limits containing survey control points with both horizontal and vertical coordinate information in the form of x-y-z values, in State Plan, Florida East Zone, NAD83(90), US Survey in Feet format. Deliverables included calibrated LiDAR point cloud tiled in LAS format, DTM and planimetric topographic survey files in Civil 3D format, digital geo-referenced color imagery and field survey /trajectory accuracy report in accordance with the latest FDOT Terrestrial Mobile LiDAR Guidelines.



SR 7/US 441/NW 7th Avenue from Little River Drive to South of NW 119th Street, Miami-Dade County, FL *Florida Department of Transportation – District 6* – Performed under our current districtwide contract, ACA was tasked to provide a topographic survey of SR 7/US 441/NW 7th Avenue utilizing mobile LiDAR and conventional ground survey. ACA secured the LiDAR point cloud data and digital imagery for this 2.1 mile project, utilizing our mobile laser scanning system. ACA was responsible for merging the data with the field data of the obscured areas. ACA provided the following deliverables: topographic survey design files, processing accuracy and signal mast arm clearance reports; MicroStation FDOT SS4 Compliant file and geo-referenced digital imagery, meeting the latest FDOT Terrestrial Mobile LiDAR guidelines and Florida Minimum Technical standards.



SR 52 Phase 1 from McKendree Rd. to US 301 Phases and SR 52 Phase 2 from E of McKendree Rd to E of King Rd Phase, Pasco County, FL *Florida Department of Transportation – District 7*

This task order involved multiple field survey tasks including aerial and mobile LiDAR target placement, primary horizontal and vertical control densification, drainage surveys, establishment of target coordinate values, check cross sections, obscured topographic surveying, classification point verifications, aerial LiDAR and mobile LiDAR data



acquisition and processing, digital aerial image acquisition and processing, alignment retracement, and control mapping. Hydrographic mapping occurred in areas of standing water, where aerial LiDAR penetration was inaccessible. Topographic features were extracted from the point cloud and aerial imagery information to create a complete 3-D topographic map of the project corridor. A final DTM and topographic file were merged with the traditional ground survey information of the obscured information.



William T Sadler, Jr, PE, PSM
Sea Diversified, Inc. Title: President

Years of Professional Experience: 28 years

Years with Current Firm: 13 years

Education:

Florida Atlantic University
B.S. Ocean Engineering, 1984

Registration:

Professional Surveyor, Florida 1998
Professional Engineer, Florida 1989
Building Contractor, Florida 1987

Professional Affiliations:

Florida Surveyors and Mappers Society
American Society of Civil Engineers

Corporate Experience:

Sea Diversified, Inc. – Surveying & Engineering
President
2004 to Present

Sea Systems Corp – Surveying & Engineering
Vice-President
1990 to 2004

Keith & Schnars Associates – Surveying & Mapping
Director of Business Development
1986 to 1990

Professional Experience:

Mr. Sadler has 32-years overall of experience in surveying, mapping, and engineering. His expertise includes topographic surveying, boundary surveying, automated hydrographic surveying (single and multi-beam), and remote-sensing investigations such as side scan sonar, magnetometer and sub-bottom profile surveys. He has served as project manager on continuous surveying services contracts for clients such as the U.S. Army Corps of Engineers, Florida Department of Transportation (FDOT), Palm Beach County, Miami-Dade County, Martin County, Brevard County, Town of Palm Beach, City of Riviera Beach, City of Ft Lauderdale, and numerous municipalities throughout the State of Florida.

Mr. Sadler coordinates all survey tasks including definition of scope, development of schedules, monitoring field and office operations, and reviewing final products prior to delivery. He will serve as the Hydrographic Survey Manager between SDI, Biscayne Engineering and the City of Delray Beach, and shall ensure that survey tasks are completed on-time and within budget. These responsibilities are key to any project and are considered essential to assure that objectives are met and a sound consultant – owner relationship is continuously maintained.

Project Experience:

Annual Countywide & Post-Storm Physical Beach Monitoring Surveys, Jupiter and South Lake Worth Inlet Ebb Shoal & Flood Shoal at Peanut Island Surveys, Palm Beach County, FL

Client: Palm Beach County ERM with ATM under Annual Contract

Boynton (South Lake Worth) Inlet Sand Trap Expansion and Half-Moon Bay Disposal Area, Palm Beach County, FL

Client: Palm Beach County ERM with Center Marine Contracting

Riviera Beach Municipal Marina Redevelopment - Design Surveys, Construction Layout, Final As-built Surveys, Dredging Surveys & Submerged Utilities Location, Palm Beach County, FL

Client: City of Riviera Beach under Annual Contract

Boynton Harbor Marina, City Marina & Boat Ramp Improvements, Boynton Beach, FL

Client: City of Boynton Beach CRA

Seminole Middle School - Seawall Design & Improvements, Plantation, Broward County, FL

Client: City of Plantation

Royal Palm Yacht and Country Club Marina Improvements

Client: Royal Palm Yacht & Country Club

Fort Lauderdale Riverwalk Five (5) New River Floating Day Dockage Sites

Client: City of Fort Lauderdale under Annual Contract

Sea Diversified, Inc.

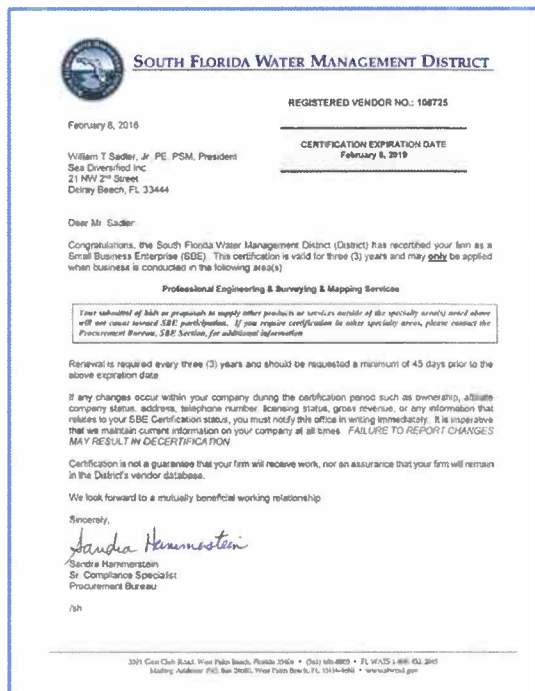
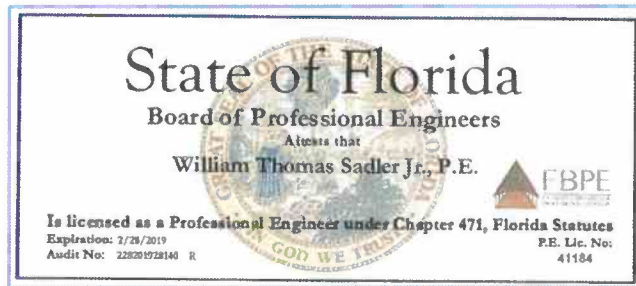
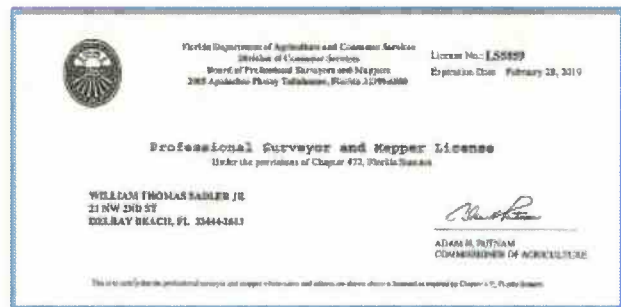
21 N.W. 2nd Street

Delray Beach, Florida 33444

561-243-4920 (Phone) – 561-243-4957 (Facsimile)

www.seadiversified.com





Long-Term Canal Maintenance Program

Broward County, Florida

City of Pompano Beach



Client: *City of Pompano Beach
100 West Atlantic Blvd.
Pompano Beach, FL*

Contact: *Mr. Clayton Young, P.E.
clayton.young@copbfl.com
(954) 786-4029*

Scope of Services:

- Hydrographic (Bathymetric) Surveys
- Marine Engineering
- Structure Investigations
- Environmental Permitting
- Construction Administration

Project Description:

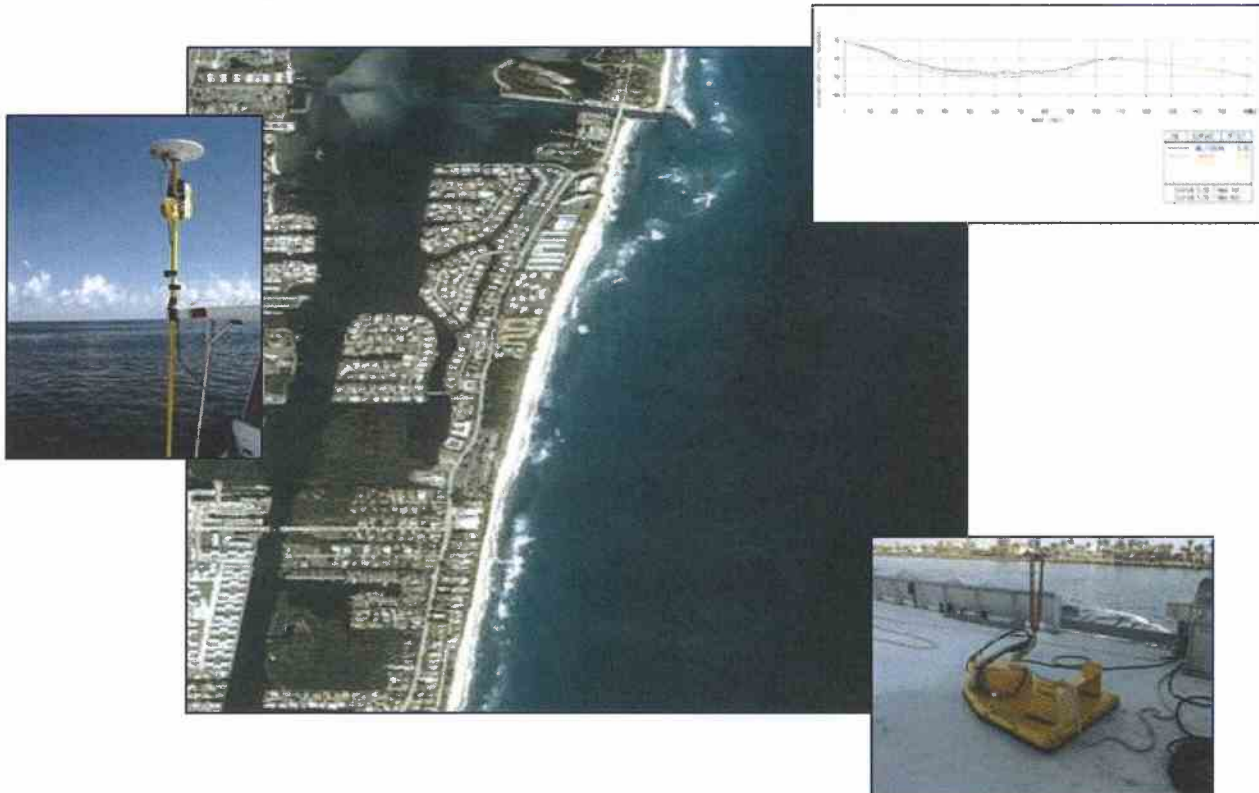
- Conducted hydrographic (bathymetric) surveys of entire canal system for maintenance dredging of approximately 26 miles of inland manmade canal systems
- Prepared dredge plans and specifications based upon review of hydrographic and engineering data taking into account the geometry of the waterways and condition of adjacent bulkheads.
- Provided a detailed assessment of dredging requirements including detailed cost analysis to the City for presentation to City Council and the general public.
- Prepared and administered the bidding process, including bid packages and documentation, pre-bid meetings and contractor selection.
- Conducted complete administration of the project, including site inspections, environmental monitoring and reporting, and permit compliance activities

Sea Diversified, Inc.
21 NW 2nd Street
Delray Beach, Florida 33444
561.243.4920 (Phone) – 561.243.4957 (Facsimile)
www.seadiversified.com



Submerged Cultural Resource Remote-Sensing Survey of Ocean Ridge Potential Borrow Sites

Palm Beach County, Florida



Client: Olsen Associates, Inc.
2618 Herschel Street
Jacksonville, Florida 32204

Contact: Christopher G. Creed, P.E.
Senior Engineer / Vice-President
(904) 387-6114

Scope of Services:

- Bathymetric Surveys
- Sub-bottom Investigations
- Side Scan Sonar Survey
- Magnetometer Investigations

Project Description:

- Cultural resources investigation of two (2) potential borrow sites utilizing underwater remote sensing surveys combined with bathymetric data collection to identify and map submerged features of potential prehistoric or historic significance
- First phase of the field survey efforts included bathymetric, magnetometer, side scan sonar and sub-bottom profiler data collection
- Second phase of the field investigation included diver groundtruthing, as required to classify objects or anomalies of unknown characteristics that were detected from the remote sensing operations
- Conducted with Olsen & Associates, Inc. for Palm Beach County ERM

Sea Diversified, Inc.
21 NW 2nd Street
Delray Beach, Florida 33444
561.243.4920 (Phone) – 561.243.4957 (Facsimile)
www.seadiversified.com



JAY SCAGLIOLA, P.L.S.

Director of Florida Operations
InfraMap Corp - West Palm Beach, Florida

EDUCATION

Palm Beach Community College, Surveying and Mapping 1989

PROFESSIONAL REGISTRATION

Professional Land Surveyor, 1992 State of Florida License No. 5066

TRAINING

Traffic Control Certification since October, 2001

Confined Space Entry Training Program Certification (OSHA 1910.146)

FUCC Utility Coordination Discussion Seminar Regular Attendee

CSX Roadway Worker Protection Annual Certification, 2012

**KEY QUALIFICATIONS**

As Director of the Florida operations at InfraMap Corp, Jay Scagliola's extensive experience has maintained the integrity of our survey department companywide. Mr. Scagliola has been surveying in Florida since 1971 and is well versed in all phases of land surveying including drafting, mapping performance standards, data collection and calculation. He also has experience managing both utility designating and utility test hole projects.

Mr. Scagliola joined InfraMap Corp in 1996. He is the key person in coordinating our utility locating. His familiarity with subsurface utility investigations, along with survey knowledge, is essential to InfraMap. He directs all contractual, managerial and supervisory aspects. His responsibilities include: designating and utility locating project coordination in Florida, client communication, contracts, scope detail, quality assurance/quality control, and final project review of survey processing and computer drafting. Mr. Scagliola's widespread network of contacts and utility locating knowledge is well respected at the Florida Department of Transportation, as well as with private clients and municipalities.

PROJECT EXPERIENCE

Role for the following projects: Project Manager and Project Surveyor - scope meeting, review records, QA/QC and final project review of survey and CADD

Town of Palm Beach Townwide Undergrounding, October 2016: Utility locating services to depict existing conflicts and proposed structure conflicts starting at the north-end of Palm Beach Island. A total of over two hundred test hole locations to be completed and referenced survey data on recorded on our submittal. This Design Engineering project is spearheaded by Anjuli Panse, P.E. of Kimley-Horn. Reference: Ms. Anjuli Panse (561)

Belle Glade Water Service Replacement Zones 1, 2 West, 2 East, and 3 & 4 Palm Beach County, FL 2015: Inframap performed nearly one hundred and fifty test hole locations beginning in October of 2013 until mid-September 2015. All information retrieved is noted on each individual test hole reports of our submittal. Our crews maintained close coordination with Belle Glade Public Works Department, Director /City Engineer Marcos Montes de Oca for this Neighborhood Service Improvement Project. InfraMap was sub consultant to Keshavarz & Associates 711 N Dixie Highway #201, West Palm Beach, FL 33401 Reference: Mr. Amir Keshavarz (561) 689-8600.

Miami Beach Convention Center, Miami Dade County – September and October 2015: Inframap performed the infrastructure targeting locating the features requested within the Parking Lots, Holocaust Memorial, Botanical Gardens, Jackie Gleason Theater, City Offices and 17th Street. The mapping process entailed the use of ground penetrating radar and other methods to identify the utility line locations and paint marks are then surveyed in by field crews. City of Miami Beach Public Works Department contact and close coordination with Brian Bellino. Inframap sub consultant to Biscayne Engineering. Reference: Mike Bartholomew (305) 324-7671.



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2085 Apalachee Parkway Tallahassee, Florida 32399-6508

License No: **LB6666**
Expiration Date: February 28, 2021

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

INFRAMAP CORP
1860 OLD OKEECHOBEE ROAD #201
WEST PALM BEACH, FL 33409


ADAM M. 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
2085 Apalachee Parkway Tallahassee, Florida 32399-6508

License No: **LSS066**
Expiration Date: February 28, 2019

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

JAY SCAGLIOLA
4385 FUSHIA CIRCLE SOUTH
PALM BEACH GARDENS, FL 33410


ADAM M. 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 Transportation
605 Suwannee Street
Tallahassee, FL 32399-0450

PAUL HAYES, PRESIDENT
INFRAMAP CORP.
10365 CEDAR LANE
GLEN ALLEN, VIRGINIA 23069

Dear Mr. Hayes:

The Florida Department of Transportation has reviewed your application for qualification package and determined that the data submitted is adequate to technically qualify your firm for the following types of work:

Group 8 - Survey and Mapping

- 8.1 - Control Surveying
- 8.2 - Design, Right of Way & Construction Surveying
- 8.4 - Right of Way Mapping

Your firm's overhead audit has been accepted, enabling your firm to compete for Professional Services projects advertised at the unlimited level, with estimated fees of any dollar amount. This status shall be valid until JUNE 30, 2017 for contracting purposes.

Home/ Branch Office	Facilities Capital Cost of More Than	Overtime Premium Excluded	Direct Expenses	Published Fee Schedule
209.10%	0.067%		11.17% (Home)	Yes

Should you have any questions, please feel free to contact me by email at carlynn.kell@dot.state.fl.us or by phone at 850-414-4587.

Sincerely,

Carolyn Kell
Professional Services
Qualification Administrator

www.dot.state.fl.us



ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County

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

"LOCATED AT"
1860 OLD OKEECHOBEE RD STE 201
WEST PALM BEACH, FL 33409-5223

Serving you.

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT # DATE PAID	AMT PAID	BILL #
54-0807 LAND SURVEYOR & MAPPER	SCAGLIOLA JAY	LSS066	818.478101 - 87/05/15	\$33.00	840140812

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

B2 - 3

INFRAMAP CORPORATION
INFRAMAP CORPORATION
10365 CEDAR LN
GLEN ALLEN, VA 23059-1925



**STATE OF FLORIDA
PALM BEACH COUNTY
2016/2017 LOCAL BUSINESS TAX RECEIPT**
LBTR Number: 201002773
EXPIRES: SEPTEMBER 30, 2017

This receipt grants the privilege of engaging in or managing any business profession or occupation within the 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

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

"LOCATED AT"
1860 OLD OKEECHOBEE RD STE 201
WEST PALM BEACH, FL 33409-5223

Serving you.

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT # DATE PAID	AMT PAID	BILL #
54-0808 LAND SURVEYOR & MAPPER BUSINESS	INFRAMAP CORP	LBTR68	818.478102 - 9/08/16	\$33.00	840140811

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

B3 - 3

INFRAMAP CORP
INFRAMAP CORP
10365 CEDAR LN
GLEN ALLEN, VA 23059-1925



**STATE OF FLORIDA
PALM BEACH COUNTY
2016/2017 LOCAL BUSINESS TAX RECEIPT**
LBTR Number: 201002775
EXPIRES: SEPTEMBER 30, 2017

PARAMOUNT TITLE

ELIANA LEAL, ESQ.
7501 W. OAKLAND PARK BLVD.
TAMARAC, FL 33319

EXPERIENCE:

Paramount Title Services, Inc.

August 2006 to Present

Legal counsel to title examiners in regards to title research conducted for state and municipal agencies. Clients include the Florida Department of Transportation, the Miami/Ft. Lauderdale/Palm Beach planning and zoning departments, and the Department of Revenue for Broward County. Title examiners under my supervision conduct title research for municipal and state government entities focusing on land use ordinances, reservations for roadway, drainage, and easements.

Encore Title and Escrow, Inc.

2000 to August 2006

Conducted residential and commercial title searches and real estate closings for various lenders and mortgage companies. Facilitated at all stages of real estate purchases and refinances and provided title insurance through several national underwriters.

Law Offices of Soule, Lean and Associates, P.A.

1996 to 2000

General Practitioner: Concentrating in the areas of Real Estate and Bankruptcy

EDUCATION :

Nova-Southeastern School of Law
Juris Doctorate

May 1996

Florida International University
Bachelor of Science: Criminal Justice Major

May 1992

PARAMOUNT TITLE
7501 W. OAKLAND PARK BLVD.
TAMARAC, FL 33319

QUALIFICATIONS OF FIRM/technical staff experience

Paramount Title Services, Inc. (Paramount) is owned and operated by Eliana Leal, a licensed Florida attorney with approximately twenty (20) years legal experience in the title research industry. Ms. Leal's legal background assists her in the management of Paramount by providing her with the ability to sort out complicated title related issues, such as probates, bankruptcy and trusts.

Paramount has been providing title research to government agencies such as the Fourth and Sixth Districts of the Department of Transportation for over fifteen (15) years. Our senior examiners, Evelyn Branas and James Soule, have each been examining property titles for over twenty (20) years. During the last ten (10) years, these examiners have specialized in the type of title research necessary for the servicing of government contracts such as the Department of Transportation, the Department of Revenue and the other municipal agencies. Their extensive experience in the very specialized government title research field makes them superiorly qualified to perform the scope of work necessary in the servicing of the Department of Transportation contract.

All the title examiners and researchers recruited by Paramount have extensive experience in researching commercial and residential properties for eminent domain proceedings, plat approvals, private developments and right of way dedications. In addition to possessing extensive knowledge and understanding of the industry needs for title research in this area, the examiners and researchers employed by Paramount have extensive mapping skills. Mapping complicated legal descriptions is a skill that is fundamentally necessary in providing research on the type of projects we encounter.

B. APPROACH TO PROJECT MANAGEMENT

Approach and Methodology



Biscayne Engineering, in partnership with our sub consultants Aerial Cartographics or America (ACA), Sea Diversified, Inc., InfraMap Corporation, Florida Technical Consultants (FTC) and Paramount Title Services, is committed to providing the City of Delray Beach with unparalleled Professional Surveying and Mapping services to meet the requirements outlined in this Request for Qualifications (RFQ). We have successfully completed similar contracts for statewide and local governmental agencies, Districts, Municipalities, and other clients over the past several decades. Our continued presence and commitment to the South Florida community has given us a great deal of knowledge of local conditions such as local surveying control. It has also provided insight of the imminent danger and effects of Sea Level Rise and the needs of our coastal communities to adapt to this inevitable phenomenon. Whether it is a matter of property boundaries, sectional corner records, control monuments, water lines, trees, etc., Biscayne has an archive of data that is second to none.



For almost 120 years Biscayne Engineering has been actively involved in the growth, integrity and evolution of the surveying profession and is entirely committed to continue its journey, which solidifies us as a Leader in our field. Biscayne methodologies have been developed from the extensive experience in our field and are maximized for efficiency. We understand the scope of work and the City's goals based on the list of potential projects provided in this RFQ, including the procedures and methodologies required to create the deliverables necessary to achieve these goals.

Our Team's combined experience exceeds a century working with various Municipalities Service Authorization contract processes and we understand the administrative, accounting, record keeping, and reporting requirements for this type of contract. Our staff and technicians are well versed in the use of Autodesk Civil 3D, Microstation, Trimble Business Center and Geopak amongst other industry software. Biscayne professionals are experts in all types of surveying assignments as well as all aspects of Location and Design Surveys prepared for FDOT in the field and in the office. We are well versed in the preparation of Digital Terrain Models (DTM's) as well as 2D topographic surveys. We also understand the importance of following the Client's CAD standards to ensure all mapping and deliverables developed for this project are in accordance with their requirements and needs. We will also ensure our entire team follows the procedures and guidelines set forth by the City of Delray Beach, the State of Florida and the FDOT for any kind of surveying applications including Terrestrial or Mobile LiDAR according to the Florida Department of Transportation (FDOT) Survey and Mapping Handbook.

A thorough understanding of the project scope will ensure that Biscayne's team develops a finalized project approach that will meet the needs of the City of Delray Beach for each specific project. As part of our project management process, we would request a pre-project planning meeting with all interested parties at the City and Biscayne's Project Manager, Mr. Luis Gaztambide, PSM. This meeting will firm up the scope of services required, including the need for services provided by any of the sub consultants in our team, confirm final end user needs, and clarify any questions or concerns that may arise regarding the project. It also provides us with the opportunity to discuss alternative methodologies or technologies that could help perform the project in a more efficient manner. Biscayne staff will then take the necessary steps to prepare a competitive and detailed fee proposal.

Mr. Gaztambide will coordinate with Biscayne's Production Manager, who in time will oversee and coordinate with the Field Production Manager and the rest of the staff to research the project location starting with our own extensive surveying records, which date back into the mid 1800's. Biscayne will also perform additional research through various sources such as Labins, Palm Beach County Appraiser website and the City of Delray Beach.

Prior to preparing a fee proposal, a site visit will be performed, typically by Biscayne's Field Crew Supervisor. This will ensure that conditions on the ground are as we expected, and the scope of services, as we understand them can be performed. This information will be used to develop a plan to perform the tasks requested for the project in the most productive way and to determine the appropriate technology to perform the assignment at hand. Once the assignment has been fully researched and a site visit has been performed, Biscayne will prepare a man-hour estimate together with our contract rates and a detailed scope of work to be provided to the City for review and approval.





Once our fee proposal has been approved and we receive the Authorization to Proceed, Biscayne will prepare an in-house work order which generates a job number in our orders database. This work order will follow the job wherever it goes (field and office). In addition to the project location and scope of services, the job order includes the man-hour budget for each task. Biscayne's Project Manager will meet with the Production Manager, Field Production Manager and Field Crew Supervisor, to ensure that the project objectives are well understood. Research documents (plats, deeds, benchmarks, etc.) will be assembled and project budgets will be re-affirmed. Staff will be assigned and Biscayne is committed to assigning the same staff consistently throughout the lifecycle of the project.

The Field Crew Supervisor in close coordination with the Field Production Manager prepares two identical project folders, one for office and one for field, and selects the survey crew or crews who will be assigned for the project. A detailed explanation of the project tasks, schedule and the approach previously discussed and agreed upon with the Project and Production Managers is provided to the crews to ensure full understanding of the tasks involved. Daily goals are set for each crew. The Field Crew Supervisor meets with each crew in the afternoon to ensure the daily goals are met and to discuss the work performed. Field notes are scanned and the data collected is downloaded into the project folder daily. Field notes are checked by the Field Crew Supervisor to ensure they meet Biscayne standards of quality and completeness.

The Senior Survey Technician processes the data collected daily and creates a plot of said data. This plot is provided to the crew chief for review and to perform a walkthrough of the surveyed area. Any missing information is collected before continuing with the assigned daily goal. This practice is proven to minimize the chances of having to return to a project to collect missing information.

Data analysis: Biscayne understands the importance of data analysis in surveying projects. Our technicians and Professional Surveyors and Mappers analyze all the data acquired during each surveying project to ensure that the field methods, as planned, were properly followed and the data resulting from our field measurements is an accurate and true representation of the existing or proposed project necessary to meet our clients expectations. The first data analysis of every project is performed during the control establishment or control verification. Horizontal and vertical controls are the foundation of every job. Different data analysis and adjustment methods are employed by Biscayne staff, the most common one being Least Squares. Depending on the type of project, more than one adjustment technique may be used for each data set including, but not limited to, compass rule, Crandall rule and transit rule. The results of the different adjustments are then analyzed and the best solution, based on the opinions of our team of professionals, is selected. The resulting coordinates are then distributed to all the survey crews and office staffs involved in the project and are used during all field data collection and office data processing.

Other types of analyses may be performed depending on the type of survey requested. These are discussed below in the approach by Work Type section.

Approach (by Work Type)

Biscayne Engineering has a long history of performing all types of surveys throughout South Florida. For the most part, our volume of work speaks for itself, but there are a few areas where we feel it is necessary to illustrate our approach.



Topographic Surveys

With our long history, it is hard to imagine a company having more experience in the preparation of Topographic Surveys than Biscayne Engineering. While no two scopes are alike, there are some basic items that are components of any well prepared Topographic Survey.

First, the Project Manager and all team members must gain a clear understanding of the main purpose our client is requesting the Topographic Survey for to ensure the correct amount of data is collected. Also, equipment must be calibrated: poorly calibrated equipment introduces errors that may be difficult and costly to fix later. Furthermore, any benchmarks (vertical control point) used must be independently verified by a closed bench level circuit to additional benchmark(s). When locating features with the total station, it is imperative that the survey crew regularly checks and records their backsight reading, to ensure that the instrument has not been disturbed.

Roadway Design Surveys

Biscayne has a wealth of experience in preparing surveys for roadway design. As a current and prior consultant to the Florida Department of Transportation, District 4 and 6, and a variety of municipalities, our team has the credentials to handle this work efficiently and professionally.

The first step is usually the establishment of Project Controls (horizontal and vertical throughout the project corridor). Next will be the recovery of monuments which can be used to re-establish the historic baseline or to determine a new baseline of survey if none exist. In addition to locating all fixed, aboveground improvements, cross-sections are taken throughout the project corridor (typically at 50 or 100 foot intervals as well as any breaks in grade). It is common to extend the survey at least 5 feet outside of the existing Right-of-Way, and further if additional Right-of-Way is to be acquired.

Once the data is processed and adjusted in the office, it is common that a Digital Terrain Model (DTM) is prepared. This allows designers to cut cross-sections and profiles if needed, and allows for greater flexibility as designs change. Often times, it will be necessary to review title searches, particularly if additional Right-of-Way is to be acquired.

Whatever the City needs in terms of Roadway Design Surveys, Biscayne has the trained staff and experience that is required to get the job completed on time.

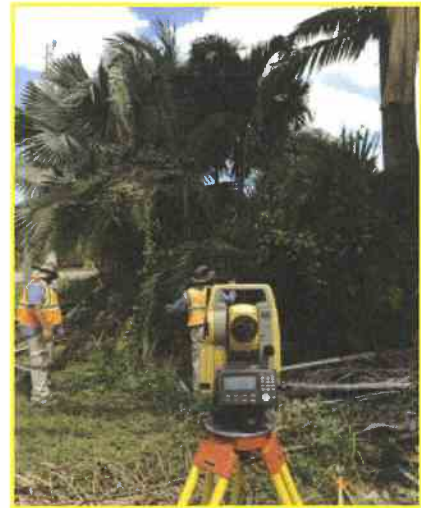


Boundary Surveys

At Biscayne Engineering Company, Boundary Surveys are taken very seriously. While all surveys are prepared to the highest standards, Biscayne recognizes that Boundary Surveys are used to describe the limits of ownership, to define work limits for construction and are often used in real estate transactions.

We consider Florida's Minimum Technical Standards (MTS) for Land Surveys to be just that: minimum. Surveyors are held to Standards of Practice that are exercised daily by the prudent surveyors and cannot take comfort in the fact that they have followed MTS only. All monuments that are found must be proven or disproven and all monuments that are set must be substantiated by suitable evidence.

Biscayne develops boundaries by collecting evidence. Some of this evidence comes in the form of prior surveys, plats, etc., and some comes in the form of located survey monuments. We are privileged at Biscayne to have such an extensive library of historic surveying records for South Florida. With 119 years of experience, it seems that there is hardly an area in South Florida that we have not worked in.



Having access to this historic information often gives us insight into how the region looked a century ago. Such data is invaluable when making boundary decisions and can often help us reduce costs because much of the complicated work has been done.

Biscayne works to develop control outside the property we are surveying. This may consist of block corners, section corners, or other well established points. We use the control to determine our property boundaries, and then check to ensure that it fits well with monumentation found at the property. Differences will be evaluated and additional evidence will be collected, if required. Based on our findings recommendations may be given to the client if we believe it to be pertinent.

Horizontal Control Surveys

Biscayne Engineering has an extensive history in the preparation of Horizontal Control Surveys. Under our current and prior contracts with the Florida Department of Transportation, Biscayne has prepared countless such surveys.

While the purpose may vary, typically a baseline is defined either mathematically or on the ground, and provided to the design team. Under our FDOT contracts, random horizontal control points are set, and using rapid static, static, Real Time kinematic GPS and conventional surveying or a combination of these, the control monuments are located and their positions are described with respect to the baseline.

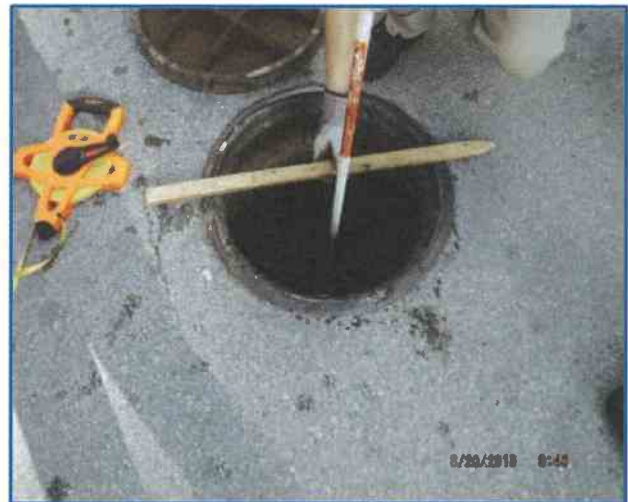
Mean High Water Studies/Surveys

Mean High Water Surveys/Studies are an important component of Boundary Surveys (and other types of surveys) when bordering sovereignty submerged lands. Despite its legal significance, performing Mean High Water Surveys and Studies is an area of surveying that many surveyors neglect. Biscayne, located just steps from such a water body, understands the importance of this type of work and has staff trained by Atlantic Professional Development in the principles for establishing the Mean High Water elevation, using the various methods approved by the Florida Department of Environmental Protection. This knowledge has been imparted to several professionals in the company along with members of our team. For this reason, Biscayne has many competent employees with a deep understanding of the principles and practices of Mean High Water Surveying.

Biscayne is able to perform these studies either if MHW data is available near our site, or not. If MHW data is not available near the site, it will typically be necessary for us to perform a short term MHW Study. The preferred method is the Range Ratio Method, but there are instances where field conditions will not permit this, which in such case, the Amplitude Ratio Method may be required. All data will be collected using FDEP's standard forms, and all calculations will be performed by a licensed PSM and QC'd by a licensed PSM prior to submittal.

Subsurface Utility Surveys

Throughout Biscayne's many years of surveying experience, Utility Infrastructure Mapping and Subsurface Utility Engineering (SUE) have proven to be an invaluable asset for our wide variety of clients. Should a need for SUE services arise during the length of this contract, Biscayne will coordinate directly with InfraMap's Project Manager to discuss the project scope in detail until the scope is fully understood by both parties of the team. The results of the underground investigation are typically surveyed from the project control via conventional surveying, GPS surveying methods or a combination of these. The surveyed underground



data is then incorporated into the final survey provided to the City. This creates a more complete deliverable as it contains not only above ground improvements, but also subterranean data that will prove incomparable to design teams benefiting from our product.

Geographic Information Systems (GIS)

Technology is rapidly advancing in the field of Surveying and Mapping. As a full-service Engineering company it is critical that Biscayne adapts to these advancements in our approach to providing professional services of modern measurement that meet our clients' needs. Biscayne can now take field data that was captured by traditional surveying methods and translate it to a Geographic Information Systems [GIS] platform. GIS is quickly becoming a standard for governmental and large corporate sectors. It is an important tool that helps envision, develop, and formally illustrate ideas of expansion, acquisition, and notable resolution to congestion and resource availability concerns. Historical data may be used as base maps for conceptualizing, understanding, and prescribing action and can specifically be tailored into a GIS database for our clients. A major benefit of Geographic Information Systems as it relates to a municipality would be an infrastructure database that would allow tracking and maintenance of utilities that can be continuously updated in real-time.

High Definition (HD) Laser Scanning (Static and Mobile LiDAR)

Biscayne Engineering has been providing high definition surveying services since 2006 through our HD Laser Scanning division using top-of-the-line hardware manufactured by Leica Geosystems. Since the emergence of this technology, Biscayne has been one of the leaders providing numerous clients with various services depending on their specific needs. We have experience working with architectural, archaeological, drainage, structural, topographic and other types of surveys that substantially benefit from this service.



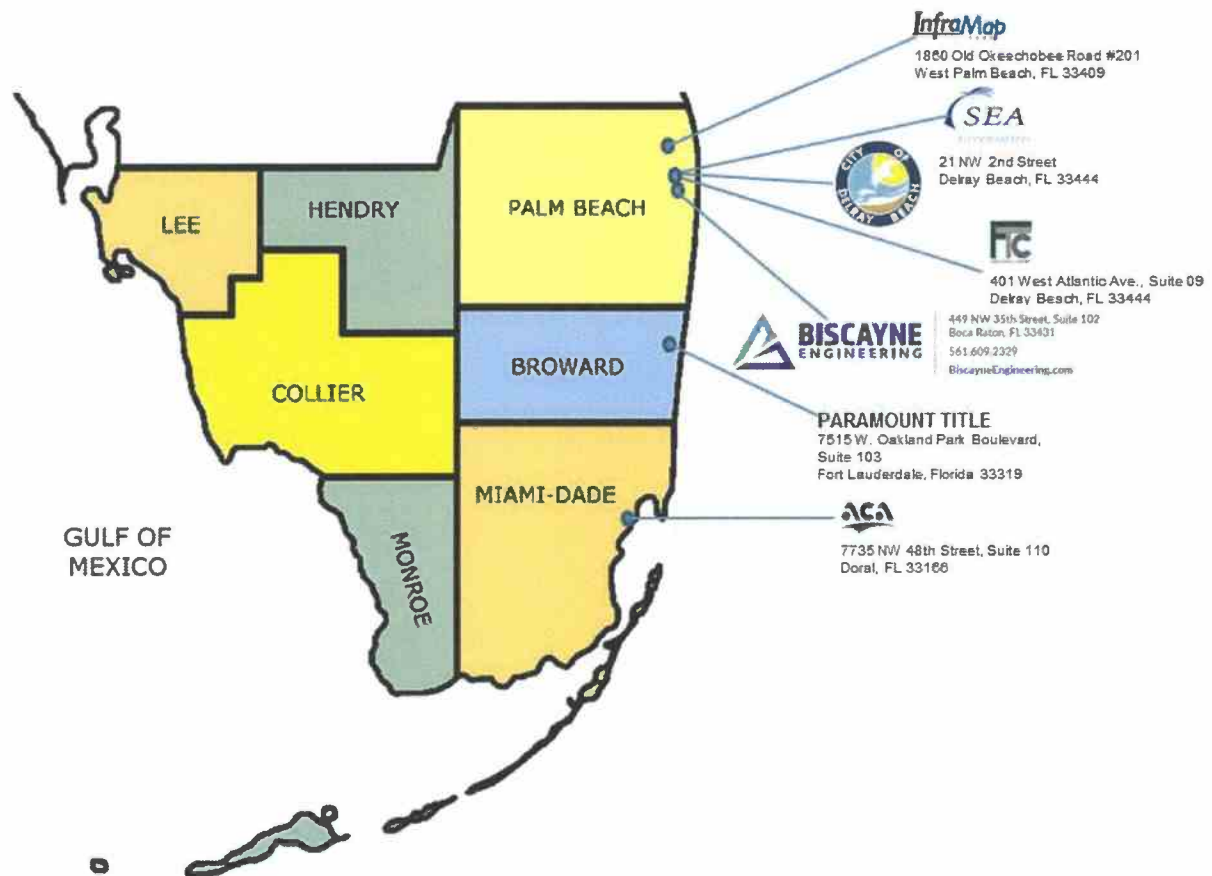
Laser scanning is well suited for many types of jobs where conventional instruments or methods may be inadequate or inefficient. This option allows us to collect millions of points with a high level of accuracy in a matter of minutes and is perfect for unsafe or inaccessible environments. Laser scanning data can also be transformed into a coordinate system and datum allowing an entire site to be virtually captured in a point cloud. The point clouds that are produced provide a high level of detail that are unparalleled by conventional methods while preserving large amounts of data that may be analyzed over time without requiring additional visits to a site.

The benefits of laser scanning services are evident in our high definition surveys and also through inclusive access to Leica's TruView software plug-in that allow our clients to view the point clouds from the comfort of their computers. As this technology and the expectations of our clients continuously evolve, Biscayne Engineering will continue to adapt in order to meet these needs.

General Surveying

Biscayne's longevity has put us in contact with all types of surveying imaginable, but we don't stop here. As the surveying profession continues to develop new techniques that make data acquisition faster and more accurate, our dynamic team of professionals continues to grow by obtaining training in such techniques. *From preparation of legal descriptions and ownership/parcel mapping, appraisal surveys, court testimony to HD Laser Scanning, point cloud processing and data extraction, our seasoned group of professionals has done it all.* The City can feel confident that if they select Biscayne, they will be selecting a team that has the experience, dedication, and technical knowledge to deliver the highest quality products on time and under budget.

Location



Biscayne Engineering presently operates two fully staffed offices located in Palm Beach County and Miami-Dade County with our ***Palm Beach Location serving as the primary location.*** We have a strong team at your disposal and will utilize our staffing, resources, and local office presence to guarantee availability for meetings, general communications, coordination, and supervision

The close proximity of our Palm Beach Office to the City of Delray Beach Environmental Office (15 minutes by car) ensures that Biscayne's Staff can attend all urgent meetings at a moment's notice.

Biscayne Engineering guarantees accessibility and availability of all our staff members and resources for the fulfillment of requirements of every potential project during the term of this agreement. For many years, Biscayne has benefited from a trusted team that has held several successful projects together. This trust along with proper communication within the team eliminates unnecessary travel time, thus saving the City time and money.

C. PROJECTS FOR SIMILAR SERVICES

Miami Beach Convention Center

Project Owner: Clark Construction Group LLC.

Contract Person: John Cervasio

Phone Number: (813) 636-4422

Period of Services: 2015 to Present.

Approximate Contract Value: \$395,728

Brief Description of the Project: Biscayne Engineering provided Surveying and Mapping Services for the Miami Beach Convention Center and its surrounding lands.

Tasks included:

- Topographic Survey of the Miami Beach Convention Center, parking lots, Holocaust Memorial, Botanical Gardens, City Offices except the parking garage(s).
- Drainage Survey: Convention Center Drive, Meridian Ave, 17th St., 18th St., 19th St.
- Designated underground utilities: Vacuum excavation, Reviewed title search and plot easements, HD Scan and Interior Survey inside the Convention Center.



Southern Glades-C11 Basin Restoration Boundary Services

Project Owner: South Florida Water Management District

Contract Person: Amelia Rodriguez-Alers, PSM, MBA

Phone Number: (561)686-8800

Period of Services: 2016

Approximate Contract Value: \$76,558.50

Brief Description of the Project:

The project consisted of establishing the boundary of four sections and delineating eighty-three (83) parcels within said sections.

- Provided a Boundary Survey
- Performed Title Analysis



All Aboard Florida, Miami, Florida



Project Owner: Florida East Coast Industries
Contract Person: Kolleen Cobb
Phone Number: (305)520-2496
Period of Services: 2015-Present
Approximate Contract Value: \$78,022.50

Brief Description of the Project: This project consisted of:

- Prepare Sketch to Accompany Legal Descriptions and Isometric Diagrams for intricate 3-dimensional airspaces
- Prepare Boundary Survey

Virginia Key Bike and Kayak Facility

Project Owner: City of Miami Capital Improvements
Contract Person: José Otávio Caldeira
Phone Number: (305)416-1225
Period of Services: 2013
Approximate Contract Value: \$2,700.00.



Virginia Key Bike and Kayak Facility/ Virginia Key, Florida

Brief Description of the Project: This project consisted of a Mean High Water Line Survey (MHWL) of a 250'± length of the Edge of Water at the Virginia Key, Bike and Kayak Facility. We established horizontal and vertical control points and survey baseline along the route. Coordinated with the FDEP to determine Mean High Water Line Elevation; identified and marked points at the approved elevation along the shoreline; measured the horizontal location of the MHWL.

N. 14th Avenue – From Atlantic Shore Boulevard to Sheridan Street

Project Owner: Florida Department of Transportation District 4

Contract Person: Paul Doll, PSM

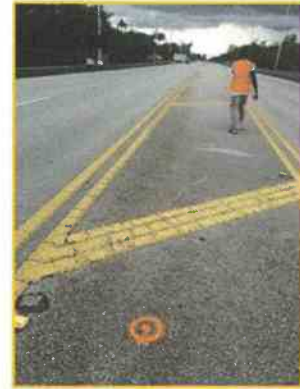
Phone Number: (704)373-7124

Period of Services: 2015

Approximate Contract Value: \$10,779.00

Brief Description of the Project: Project consisted of oversight and supervised the survey services of North 14th Avenue. Services provided by Biscayne Engineering Company included:

- Prepare of Topographic, DTM, Drainage Survey and PNC sheets
- Prepare, review, research and calculation to establish baseline of survey and Right of Way lines of N 14th Avenue, Polk Street and Johnson Street
- Coordinate with Mobile LiDAR and SUE sub-consultants to provide control and additional surveying support services
- QA/QC of all derivable files and reviewed final package prior to submittal



Curtis Park/Miami, Florida

Project Owner: City of Miami

Contract Person: Harry James

Phone Number: (305) 416-1026

Period of Services: 2015

Approximate Contract Value: \$54,900.00.

Brief Description of the Project: A Boundary and Topographic survey was prepared. Re-established Boundary Lines and set Property Corner monuments. Show all existing site improvements, trees, parking areas, surface and overhead utilities, including invert and bottom elevation. This property has a water boundary. A Mean High Water Line survey was performed to establish the current southerly boundary of the Park and the Northerly limits of the Miami River and submitted to the FDEP for filing.



Lincoln Road District Phase 1

Project Owner: City of Miami / James Corner Field
Operation

Contract Person: Isabella Castilla

Phone Number: (212)433-1450 x 223

Period of Services: 2016 to present

Approximate Contract Value: \$79,000.00



Brief Description of the Project: This project consisted of providing Professional Surveying Services for the Lincoln Road District Improvement Project, including HDLS, 3D topographic survey, Right of Way determination, drainage and sanitary sewer and control survey.

SR 9 (I-95) at 6th Avenue South, Palm Beach County

Project Owner: Florida Department of Transportation
District 4

Contract Person: Paul E. Doll, PSM

Phone Number: (954)777-4579

Period of Services: 2015 to 2016

Approximate Contract Value: \$100,018



Brief Description of the Project: This project consisted of performing a survey for design purpose, including control surveying for ground and aerial mapping, topographic, DTM, drainage surveys, SUE services, baseline of survey and Right of Way determination, High Definition Laser Scanning (HDLS) of underpasses, and preparation of PCN sheets.

North District Wastewater Treatment Plant

Project Owner: Miami-Dade Water & Sewer Department
Contract Person: Ralph Cabrera
Phone Number: (786)236-7606
Period of Services: 2015
Approximate Contract Value: \$99,750.00

Brief Description of the Project:

Project consisted of prepare high density 3D survey model of the Wastewater Treatment plant for engineering design with reference to a state plane coordinates and a vertical datum. Services Provide by Biscayne Engineering Company included:

- Research project site and determine survey strategy
- Coordinate with data collection
- Including laser scanning operation
- Verify quality control parameters
- Check and process field data, register and integrate scan data
- Import data into software database
- Perform boundary analysis utilizing field surveyed monuments and record data
- Prepare Control and Topographic Survey, CAD files, point cloud, and signed and sealed sheets.



Nicklaus Children's Hospital

Project Owner: Robins & Morton Group
Contract Person: Michael Roberts
Phone Number: (305)667-9110
Period of Services: 2014 to present
Approximate Contract Value: \$121,942.95

Brief Description of the Project: Provide miscellaneous Construction Surveying Services for Nicklaus Children's Hospital project. Initial tasks include:

- Horizontal Control Boundary & Bldg.
- Vertical Control & Set TBM's.
- 250 Pile Layout (Center cap location 62).
- Six Floors foundation.
- Elevation Certificate for Critical Care Bed Tower.
- Elevation Certificate for Emergency Department Imaging ED/I.



D. ORGANIZATIONAL STRUCTURE

Proposer's Staffing Resources

Our Biscayne Engineering staffing includes (5) PSMs, (6) field crews, (7) surveying technicians, some of whom are SITs, as well as engineering and administrative staff. Biscayne employs several university graduates in our surveying department, giving our firm the best and most educated staff for our projects and clients. Below is the proposed staffing for this contract:

SURVEYING CONSULTANT SERVICES

PROFESSIONAL SURVEYORS AND MAPPERS (4)

Biscayne Engineering Company

Mike Bartholomew, PSM

Luis Gaztambide, PSM

X Antonio Negrin, PSM

Wolfgang Hueck, PSM

SURVEY TECHNICIAN:

Warren Rolle

PHOTOGRAMMETRY SURVEY:

Iarelis Hall, PSM – Aerial Cartographics of America

HYDROGRAPHIC-BATHYMETRY SURVEY:

William T. Sadler, PSM, PE – Sea Diversified

GIS:

James Barton, PE, LEED AP – Florida Technical Consultants

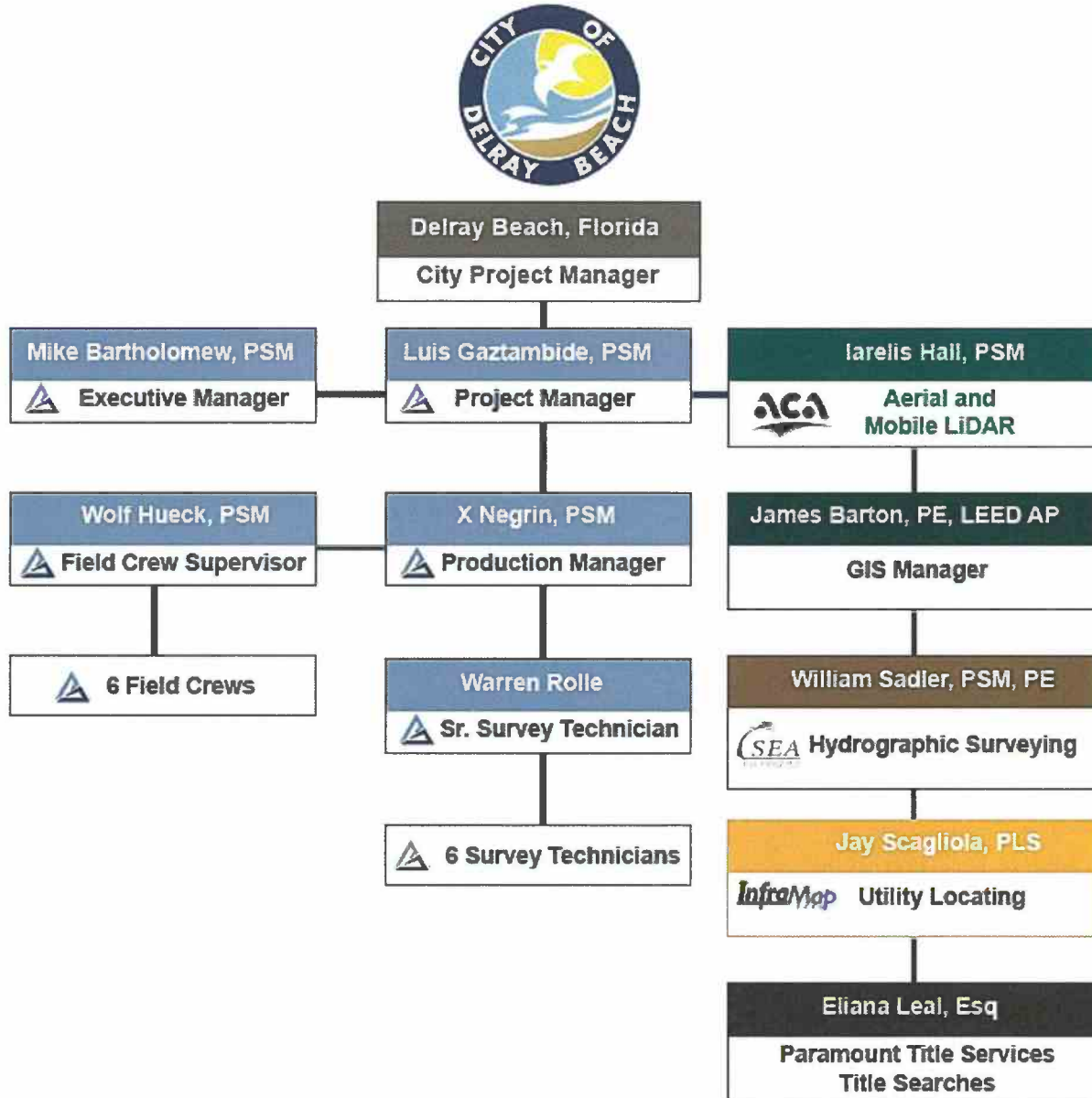
SUBSURFACE UTILITY:

Jay Scagliola, PLS - InfraMap

TITLE SERVICES:

Eliana Leal, ESQ – Paramount Title

Team Organization Chart





Responsibilities, Roles and Contractual Relationships

For Almost 120 years Biscayne Engineering has remained at the forefront of South Florida's rapid growth by employing innovative practices and solutions for the challenges of today and tomorrow. Biscayne makes it a priority to remain engaged in the emerging technologies and methods that are transforming the way in which data is being collected, processed, and delivered. While new technology and tools have enabled faster and safer data collection resulting in more detailed deliverables than before, Biscayne recognizes the importance of the underlying principles and knowledge that cannot be recreated or replaced.

Leading our team is Luis Gaztambide, Project Manager and Primary contact for this contract. He is a Florida Licensed Professional Surveyor and Mapper with 22 years of experience. He graduated from the Polytechnic University of Puerto Rico in 1998 with BS in Land Surveying and Mapping and in 2006 obtained an MS in Geomatics Engineering from Purdue University in Indiana. He has a vast experience managing large volumes of projects from numerous government agencies. Mr. Gaztambide is an excellent communicator and has extensive experience successfully leading teams and sub-consultants through a variety of projects while maintaining organization and ensuring that collective goals are met. As Project Manager, he will play a very active role in this contract, both in coordinating and overseeing the preparation of work. In addition to surveying and mapping experience, Mr. Gaztambide is expert in Leica Geo Office, Autodesk's AutoCAD Civil 3D, Hector the Vector, EFB3.2, Caice, Microstation (V8i), Geopak, and TopoDOT. He is familiar and experienced with all the procedures and requirements for the wide variety of surveying services Biscayne Engineering provides to the FDOT.

Mr. Mike Bartholomew will serve as an Executive Manager and Secondary point of contact for this contract. He is the President of Biscayne Engineering Company and a Florida Licensed Professional Surveyor and Mapper with 31 years of experience (approximately 28 years of which have been with Biscayne Engineering Company). His responsibilities include successfully managing large scale and multi-million dollar contracts for government agencies, and overseeing the preparation of Roadway Design Surveys, Digital Terrain Models, Canal R/W Maps and Surveys, LiDAR projects, Design and Control Surveys, and the wide variety of survey related requests encountered at Biscayne (Boundary, ALTA/ACSM, Specific Purpose, Topographic, Mean High Water, etc.). In addition, he works closely with the Project Manager and Office Staff in the management of the numerous construction surveying projects performed throughout South Florida. He is also actively involved in the preparation of plats and, in his role as plat reviewer for the City of Hialeah, is well versed in the requirements of Chapter 177, Part 1, Florida Statutes. He has a vast knowledge of various software programs such as Microstation (V8i), Leica's Cyclone for LiDAR processing, TopoDOT for extraction of LiDAR data, Autodesk's AutoCAD Civil 3D, as well as an extensive knowledge of FDOT procedures.

Our team includes the following key members:

X Antonio Negrin, Production Manager, is a Florida Licensed Professional Surveyor and Mapper with 22 years of experience, 11 years of which have been with Biscayne Engineering. Mr. Negrin is responsible for overseeing the field and office procedures for Boundary and Topographic Surveys, RW, GPS and HD Static LiDAR. Mr. Negrin has extensive R/W Mapping experience. He has a wide range experience with Trimble Business Center, FDOT Software, Hector the Vector, and Autodesk's





AutoCAD Civil 3D. He also has knowledge and practical experience with Caice, Microstation and Geopak. With respect to HD Static LiDAR, Mr. Negrin has received specific training from Leica, for in-field and office operation of the Leica LiDAR system and associated processing software programs Cyclone and Cloudworx.

Wolfgang Hueck, Field Crew Supervisor, is a Florida Licensed Professional Surveyor and Mapper with 29 Years of experience. His responsibilities include the supervision and preparation of the wide variety of surveys encountered at Biscayne (Boundary, ALTA/ACSM, Record, Topographic, Mean High Water, etc.). He works closely with the office CAD operators and field crew personnel in the management of the numerous surveying projects performed throughout South Florida.

Warren Rolle, Survey Technician, has 20 years of experience in the South Florida Surveying and Mapping industry. Mr. Rolle started out as a survey rodman working his way up through the industry to become a well-rounded surveying asset. With 17 plus years of experience working on government project and overseeing multiple departments from CAD to project manager he can provide a unique oversight and technical ability to any project. Rolle has extensive experience with Caice-10, Microstation V8i, Geopak, EFB, Hector-Vector, and Autodesk's AutoCAD Civil 3D, and knowledge of Carlson Survey software.

Biscayne Engineering has carefully assembled our sub-contractor team to provide excellence and expertise in the areas of work being proposed. Each sub-contractor has demonstrated a high level of skill and leadership in their respective field establishing them as the ideal candidate for the demands of this contract.

Allow us to present the qualifications and experience of our sub consultant team.

Florida Technical Consultants (FTC)

Florida Technical Consultants is an ESRI Silver Business Partner with ArcGIS On line Specialty and offers extensive support and experience utilizing GIS for engineering projects and governments, the Goal of FTC is to provide support services to Municipalities and Engineering firms through:

- Data Compilation and Analysis for Projects and Studies
- GIS Data Building, Cleaning and Configuring for Utilities / Public Works Management
- Engineering Design, Permitting, Technical Specifications and Support Services
- Plans Review
- ArcGIS Online for Field Construction Administration
- Construction Information Management, GIS Record Drawing Submittals
- GIS Training and Support

Sea Diversified (SDI)

The primary services that make Sea Diversified very unique to the industry is automated hydrographic surveys employing single-beam, dual-frequency and multi-beam technologies, including remote-sensing investigations such as side scan sonar, magnetometer, and sub-bottom investigations. Personnel of the firm have performed hundreds of surveys in ports, inland waterways, and nearshore/offshore coastal waters throughout the State of Florida, including many coastal regions throughout the Caribbean, Puerto Rico, the U.S. and British Virgin Islands, Central America, and South America.





InfraMap

InfraMap is a leading provider of Subsurface Utility Engineering (S.U.E.) and Utility Infrastructure Mapping services and they are experts in collecting utility infrastructure data in the field using sophisticated geophysical techniques and instrumentation (including Ground Penetrating Radar, GPR), with automated data collection gear and state of the art survey equipment. We collect and present this data to aid our clients in reducing the design and construction cost of major infrastructure projects.

Aerial Cartographic of America (ACA)

ACA is experienced in LiDAR, Mobile LiDAR, Digital Orthophotography and HD Video acquisition and processing. They provide high accuracy, simultaneous data collection using multiple sensors from our fixed wing aircraft, helicopter or ground based vehicles.

ACA digital sensors include:

- *Riegl VMX 450 Mobile Laser Scanning System*
- *Riegl LMS Q680i airborne LiDAR sensor*
- *Riegl LMS VQ-820-G*
- *Vexcel UltraCamX large format digital camera*
- *Vexcel UltraCam Eagle large format digital camera*
- *Leica RCD 30 medium format digital camera*

ACA's main production facility is located in Orlando, Florida with a satellite photogrammetry and surveying office in Miami, Florida. ACA's personnel is comprised of 5 Licensed Professional Surveyors and Licensed Photogrammetrists, 3 ASPRS Certified Photogrammetrists (CP) and over 35 full time employees; many with more than 20 years of experience working at ACA.

Paramount Title

Paramount Title is a title company operated and owned by a license Florida attorney with 20 years of legal experience in the title research industry. Paramount Title will provide any title work not supplied by the City of Delray Beach or any title work required in this contract.





Proposer's Statement of Commitment, Current and Projected Workloads

Statement of Commitment

City of Delray Beach, Florida
Purchasing Department
1000 NW 1st Avenue,
Delray Beach, FL 33444

May 16, 2017

RE: Statement of Commitment for RFP No. 2017-048 Continuing Engineering, Surveying, and Landscaping Architectural Consulting Services.

Biscayne Engineering Company, Inc. understands our role as a Prime Consultant is a significant responsibility and will make it a top priority. We look forward to working with the City of Delray Beach, and commit to support the Mission, Vision, and Values of the City. In addition, we will strive to accomplish the objectives and scope of services of this contract, while maintaining; adequate staffing levels, Palm Beach County standards, and proper engagement with our sub-consultants to satisfy the contract from beginning to end.

Biscayne Engineering Company, Inc. is agreeing to this Statement of Commitment and looks forward to assisting the City of Delray Beach in this request for proposal.

A handwritten signature in black ink, appearing to read "CBA", written over a horizontal line.

Mike Bartholomew, PSM
President / Executive Manager



The following chart shows the comparison between the monthly Man-hours and the projected Man-hours available.



Currently Biscayne Engineering does not have any projects with the City of Delray Beach. Biscayne has the following projects under contract:

SR 9 (I-95) Braided Ramps, Broward County

2015 – Present

This project consisted of the preparation of high density 3D survey model of the Interstate 95 overpasses and clearances for engineering design with reference to state plane coordinates and a vertical datum. Tasks included: perform boundary and baseline analysis utilizing field surveyed monuments and record data, prepare Control and Topographic Survey, CAD files, point cloud, GIS layers, and signed and sealed sheets, Research project site and determine survey strategy, coordinate with data collection, including laser scanning operation, and verify quality control parameters and check and process field data, register and integrate scan data, import data into software database.

All Aboard Florida, Miami, Florida

2015 – Present

This project consisted of prepare Sketch to accompany legal descriptions and isometric diagrams for intricate 3-dimensional airspaces, prepare Boundary Survey and prepare Legal Description and a Sketch.

Various State Roads for FDOT, District 4, Florida

2016 - Present

These projects consisted of Recon and Locate Right-of-Way Monument Section Corners., perform GPS Survey, Horizontal Traverse and Analyses and Survey Right-of-Way Monumentations in conjunction with Record Data.

South Florida Water Management, Canal C-1W, West Palm Beach, FL

March – Present

This project consisted of providing a Hydrographic/Topographic Survey in accordance with Florida's Standards of Practice (SOP) and SFWMD requirements.



Key Personnel Workload and Statement of Availability

Biscayne currently manages multiple governments (City, County, and State) and other similar contracts successfully. We have the manpower, structure and resources needed to add this very important contract to our workload.

Biscayne always maintains a staff level that can efficiently and effectively handle added workload. This allows Biscayne to respond to spikes in the workload and respond to urgency projects without disturbing production in other projects that are underway. Biscayne has the experience to work under any type of stressful situation in the field and /or in the office or to conclude any project in the time frame established.

While we do not know what volume of work we can expect from the City (how often surveys would be ordered), we can adequately commit a minimum of two survey crews to exclusively work on the City's projects , and can quickly add more crews if workload requires (**Statement of Availability**).

Biscayne has evaluated its current workload, as well as trends observed from prior months, and believe that we are in an excellent position to handle this contract. The City of Delray Beach can feel confident that Biscayne Engineering has the staff and resources to take on any assignments required by this contract.

The recent and current workloads of our key personnel are demonstrated in their relevant experience (see our key personnel resume section). All key personnel outlined in this request for qualifications are fully committed and prepared. The following graphic shows the availability for our staff:

BISCAYNE ENGINEERING KEY PERSONNEL		
Key Personnel	Availability	Services Provided
Mike Bartholomew, PSM	40%	Executive Manager
Luis Gaztambide, PSM	61%	Project Manager
X Antonio Negrin, PSM	55%	Production Manager
Wolf Hueck, PSM	58%	Field Crew Supervisor
Warren Rolle	51%	Sr. Survey Technician
ACA - Iarelis Diaz Hall, PSM	45%	Photogrammetry (Aerial, Mobile LiDAR)
InfraMap, Inc.- Jay Scagliola, PLS	45%	Subsurface Utility
Sea Diversified, Inc. - William T. Sadler, P.S.M., P.E.	45%	Hydrographic - Bathymetry
Florida Technical Consultants - James Barton, P.E., LEED AP	45%	GIS
Paramount Title, Eliana Leal, ESQ	40%	Title Services





CHAPTER 5

FORMS

RESPONSE CHECKLIST

A responsive Proposer means a Proposer that has submitted a proposal that conforms in all material respects to the requirements in the RFQ. The CPO or designee will determine whether each Proposer correctly submitted all of the necessary forms and documents. The purpose of this checklist is to assist Proposers in completing their Proposals and ensuring that all required forms and information is submitted. Do not include checklist with your Proposal submittal.

- ☒ Letter of Intent
- ☒ Proposal Submittal Signature Page
- ☒ Proposer's Statement of Organization and W-9
- ☒ Minimum Qualifications documentation
- ☒ Proposal Requirements information
 - ☒ Section A, Experience, Background, Reference Feedback
 - ☒ Section B, Approach to Project Management
 - ☒ Section C, Projects for Similar Services
 - ☒ Section D, Organizational Structure
- ☒ Public Entity Crimes Form
- ☒ Drug Free Workplace Form
- ☒ Conflict of Interest Form
- ☒ Acknowledgement of Addenda Form
- ☒ Evidence of Insurances

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
☒	Corporation	President, Vice President, or Chief Executive Officer	None
☐	Corporation	Director, Manager, or other title	Corporate resolution
☐	Limited Liability Company (LLC) – Member-Managed	Member	Articles of Organization or Operating Agreement
☐	Limited Liability Company (LLC) – Manager-Managed	Manager	Articles of Organization or Operating Agreement
☐	Limited Partnership	General Partner	Document demonstrating the legal authority to bind the Limited Partnership
☐	Partnership	Partner	None
		CEO, Director, Manager or other title	Authorizing documentation
☐	Individual	Individual	None

☒ Documentation is not required.

☐ The required authorizing documentation is included with Proposal.

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:

Biscayne Engineering Company, Inc.

Firm Name



Signature

5/16/2017

Date

Melissa Bolton Calabrese, CEO

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 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:

Biscayne Engineering Company, Inc.

Firm Name



Signature

5/16/2017

Date

Melissa Bolton Calabrese, CEO

Printed Name and Title

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:

Biscayne Engineering Company, Inc.

Firm Name


Signature

5/16/2017

Date

Melissa Bolton Calabrese, CEO

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	4/24/2017
2	4/27/2017
3	5/4/2017
4	5/10/2017
5	5/10/2017
6	5/11/2017
7	5/18/2017
8	5/19/2017

	CEO
Signature of Proposer's Agent	Title
Melissa Bolton Calabrese	5/16/2017
Printed Name	Date



CHAPTER 6

EVIDENCE OF INSURANCE



CERTIFICATE OF LIABILITY INSURANCE

 DATE (MM/DD/YYYY)
 5/1/2017

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 have ADDITIONAL INSURED provisions or 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 Commercial Lines Wells Fargo Insurance Services USA, Inc. 2601 South Bayshore Drive, Suite 1600 Coconut Grove, FL 33133	CONTACT NAME: Risk Management Department PHONE (A/C, No, Ext): 866-443-8489 FAX (A/C, No): 800-889-0021 E-MAIL ADDRESS: work.comp@trinet.com INSURER(S) AFFORDING COVERAGE INSURER A: Commerce & Industry Insurance Company NAIC # 19410 INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:
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INSURED
 TriNet HR V, Inc. & all its Affiliates & Subsidiaries
 Biscayne Engineering Company, Inc. (Endorsed as Alternate Employer) | 9000 Town Center Parkway
 Bradenton, FL 34202

COVERAGES **CERTIFICATE NUMBER:** 11741388 **REVISION NUMBER:** See below

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 WYO	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☐ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC OTHER:					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB ☐ OCCUR EXCESS LIAB ☐ CLAIMS-MADE ☐ DED ☐ RETENTIONS					EACH OCCURRENCE \$ AGGREGATE \$ \$
A	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 ☐ N/A	064568312 (FL)	07/01/2016	07/01/2017	X PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$ 2,000,000 E.L. DISEASE - EA EMPLOYEE \$ 2,000,000 E.L. DISEASE - POLICY LIMIT \$ 2,000,000

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

Workers' Compensation coverage is limited to worksite employees of Biscayne Engineering Company, Inc. through a co-employment agreement with TriNet HR V, Inc. and all affiliated entities.

CERTIFICATE HOLDER

City Of Delray Beach
 100 NW 1st Avenue
 Purchasing department
 Delray Beach, FL 33444

CANCELLATION

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

James Brandon

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Client#: 25366

BISCENGI

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
5/02/2017

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 Greyling Ins. Brokerage/EPIC 3780 Mansell Road, Suite 370 Alpharetta, GA 30022	CONTACT NAME: Nicole Larsen PHONE (A/C, No, Ext): 770-552-4225 FAX (A/C, No): 866-550-4082 E-MAIL ADDRESS: Nicole.Larsen@greyling.com														
INSURED Biscayne Engineering Company, Inc. 529 West Flagler Street Miami, FL 33130	<table border="1"> <thead> <tr> <th data-bbox="803 472 1364 504">INSURER(S) AFFORDING COVERAGE</th> <th data-bbox="1364 472 1494 504">NAIC #</th> </tr> </thead> <tbody> <tr> <td data-bbox="803 504 1364 535">INSURER A: The Phoenix Insurance Company</td> <td data-bbox="1364 504 1494 535">25623</td> </tr> <tr> <td data-bbox="803 535 1364 567">INSURER B: Travelers Indemnity Company</td> <td data-bbox="1364 535 1494 567">25658</td> </tr> <tr> <td data-bbox="803 567 1364 598">INSURER C: Beazley Insurance Company, Inc.</td> <td data-bbox="1364 567 1494 598">37540</td> </tr> <tr> <td data-bbox="803 598 1364 630">INSURER D:</td> <td data-bbox="1364 598 1494 630"></td> </tr> <tr> <td data-bbox="803 630 1364 661">INSURER E:</td> <td data-bbox="1364 630 1494 661"></td> </tr> <tr> <td data-bbox="803 661 1364 674">INSURER F:</td> <td data-bbox="1364 661 1494 674"></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: The Phoenix Insurance Company	25623	INSURER B: Travelers Indemnity Company	25658	INSURER C: Beazley Insurance Company, Inc.	37540	INSURER D:		INSURER E:		INSURER F:	
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INSURER C: Beazley Insurance Company, Inc.	37540														
INSURER D:															
INSURER E:															
INSURER F:															

COVERAGES

CERTIFICATE NUMBER: 17-18

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 INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC OTHER:		6609D522661	01/01/2017	01/01/2018	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
B	AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ ALL OWNED AUTOS ☐ SCHEDULED AUTOS ☒ HIRED AUTOS ☒ NON-OWNED AUTOS		BA9D525534	01/01/2017	01/01/2018	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE ☐ DED ☒ RETENTION \$10,000		CUP4195T085	01/01/2017	01/01/2018	EACH OCCURRENCE \$4,000,000 AGGREGATE \$4,000,000 \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☐ Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A				PER STATUTE ☐ OTH-ER ☐ E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
C	Professional Liability		V14835160401	12/14/2016	12/14/2017	Per Claim \$1,000,000 Aggregate \$2,000,000

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

City of Delray Beach is named as an Additional Insured on the above referenced liability policies with the exception of workers compensation & professional liability where required by written contract. Should any of the above described policies be cancelled by the Issuing Insurer before the expiration date thereof, we will endeavor to provide 30 days' written notice (except 10 days for nonpayment of premium) to the Certificate Holder.

CERTIFICATE HOLDER

CANCELLATION

City of Delray Beach Purchasing Department 100 NW 1st Avenue Delray Beach, FL 33444	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: Land Surveying
and Mapping**

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.