



BEFORE THE CITY COMMISSION
CITY OF STUART, FLORIDA

RESOLUTION NUMBER 66-2016

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA APPROVES THE RENEWAL OF RFP NO. 2014-146 PROFESSIONAL CIVIL ENGINEERING SERVICES WITH THE FOLLOWING FIRMS: AECOM TECHNICAL SERVICES, INC., BOWMAN CONSULTING GROUP, LTD., CAPTEC ENGINEERING, INC., C. CALVERT MONTGOMERY & ASSOCIATES, INC., HOLTZ CONSULTING ENGINEERS, INC., CULPEPPER & TERPENING, INC., ENGINEERING DESIGN AND CONSTRUCTION, INC., AND KIMLEY-HORN AND ASSOCIATES, INC., FOR THE SECOND AND FINAL OF TWO RENEWAL PERIODS THROUGH JULY 27, 2017, PROVIDING AN EFFECTIVE DATE; AND FOR OTHER PURPOSES

* * * * *

NOW THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA that:

SECTION 1: The City Commission of the City of Stuart hereby approves the Renewal of Agreement REI # 2014-146: Professional Engineering Services for the 2nd and final renewal period of two (2) possible one-year renewal options, effective July 28, 2016 Through July 27, 2017.

SECTION 2: This resolution shall take effect upon adoption.

Resolution No. 66-2016

Approve Renewal of REI No. 2014-146: Professional Civil Engineering Services

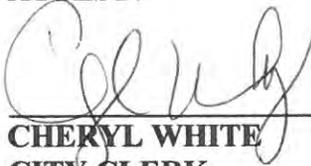
ADOPTED this 25th day of July 2016.

Commissioner CAMPENNI offered the foregoing resolution and moved its adoption. The motion was seconded by Commissioner GLASS LEIGHTON and upon being put to a roll call vote, the vote was as follows:

JEFFREY KRAUSKOPF, MAYOR
EULA R. CLARKE, VICE MAYOR
KELLI GLASS-LEIGHTON, COMMISSIONER
TROY MCDONALD, COMMISSIONER
TOM CAMPENNI, COMMISSIONER

YES	NO	ABSENT
X		
X		
X		
X		
X		

ATTEST:



CHERYL WHITE
CITY CLERK



JEFFREY KRAUSKOPF
MAYOR

APPROVED AS TO FORM
AND CORRECTNESS:



MICHAEL J. MORTELE
CITY ATTORNEY





City of Stuart

121 SW Flagler Avenue • Stuart • Florida 34994
Department of Financial Services
Procurement and Contracting Services Division

Alaina Knofla
Procurement Specialist
aknofla@ci.stuart.fl.us

Telephone (772) 288-5320
Fax (772) 600-1202
www.cityofstuart.us

July 5, 2016

Via Email Transmission: jcompton@bowmanconsulting.com

Mr. Jerry Compton, Vice President
Bowman Consulting Group, Ltd.
301 SE Ocean Blvd, Suite 301
Stuart, FL 34994

Subject: Renewal for REI #2014-146, Professional Civil Engineering Services

Dear Mr. Compton,

This is official notification to your firm that the City of Stuart is satisfied with your firm's performance and wishes to extend your current contract for Professional Civil Engineering Services, for the period beginning July 28, 2016 and ending on July 27, 2017, which represents the second year of two (one year) renewal options. This extension is granted under the same terms, conditions, and pricing as the original contract. In addition, the City of Stuart requires a valid Certificate of Insurance on file at all times for Liability, Property Damage, and Automobile Liability, and Worker's Compensation as outlined in the agreement.

Please complete the bottom portion of this letter if your firm will agree to the requested renewal. Your response must be received no later than 4:00 p.m., July 8, 2016. You may fax your response to (772) 600-1202 or send by email to purchasing@ci.stuart.fl.us.

Thank you for your cooperation and attention to this matter. Please contact me at (772) 288-5320, should you have any questions.

Best Regards,

Alaina Knofla
Procurement Specialist

cc: REI #2014-146 File

- I hereby agree to the contract renewal as specified of the subject Agreement
 I am unable to agree to the contract renewal as specified of the subject Agreement

(Signature)

July 6, 2016

Date

Jerry Compton

Printed Name

Vice President

Title



BEFORE THE CITY COMMISSION
CITY OF STUART, FLORIDA

RESOLUTION NUMBER 63-2015

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA APPROVES THE RENEWAL OF REI NO. 2014-146: PROFESSIONAL CIVIL ENGINEERING SERVICES WITH THE FOLLOWING FIRMS: AECOM TECHNICAL SERVICES, INC., BOWMAN CONSULTING GROUP, LTD., CAPTEC ENGINEERING, INC., C. CALVERT MONTGOMERY & ASSOCIATES, INC., AND HOLTZ CONSULTING ENGINEERS, INC., ALL OF STUART, FLORIDA; CULPEPPER & TERPENING, INC., AND ENGINEERING DESIGN AND CONSTRUCTION, INC., BOTH OF FORT PIERCE, FLORIDA; AND KIMLEY-HORN AND ASSOCIATES, INC., OF VERO BEACH, FLORIDA, FOR THE FIRST OF TWO RENEWAL PERIODS THROUGH JULY 27, 2016, PROVIDING AN EFFECTIVE DATE; AND FOR OTHER PURPOSES

* * * * *

NOW THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA that:

SECTION 1: The City Commission of the City of Stuart hereby approves the first of two renewal periods of REI No. 2014-146, Professional Civil Engineering Services to AECOM Technical Services, Bowman Consulting Group, LTD, Captec Engineering, Inc., C. Calvert Montgomery & Associates, Inc., Culpepper & Terpening, Inc., Engineering Design and Construction, Inc., Holtz Consulting Engineers, Inc., and Kimley-Horn And Associates, Inc.; for the period July 28, 2015 through July 27, 2016.

SECTION 2: This resolution shall take effect upon adoption.

Resolution No. 63-2015
Approve Renewal of REI #2014-146, Professional Civil Engineering Services

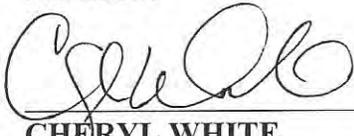
Commissioner CAMPENNI offered the foregoing resolution and moved its adoption. The motion was seconded by Commissioner MCDONALD and upon being put to a roll call vote, the vote was as follows:

ADOPTED this 13th day of July 2015.

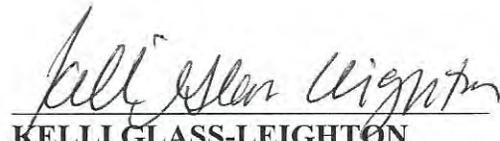
KELLI GLASS-LEIGHTON, MAYOR
JEFFREY KRAUSKOPF, VICE MAYOR
TOM CAMPENNI, COMMISSIONER
TROY MCDONALD, COMMISSIONER
EULA R. CLARKE, COMMISSIONER

YES	NO	ABSENT
X		
X		
X		
X		
X		

ATTEST:

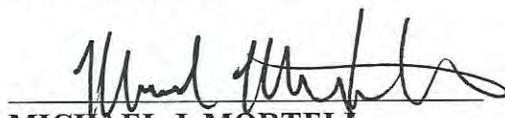


CHERYL WHITE
CITY CLERK



KELLI GLASS-LEIGHTON
MAYOR

APPROVED AS TO FORM
AND CORRECTNESS:



MICHAEL J. MORTELL
CITY ATTORNEY





City of Stuart

300 SW St. Lucie Avenue • Stuart • Florida 34994
Department of Financial Services
Procurement and Contracting Services Division

Lenora Darden, CPPB
Procurement Manager
ldarden@ci.stuart.fl.us

Telephone (772) 288-5308
Fax: (772) 600-0134
www.cityofstuart.us

June 1, 2015

Via Email Transmission: jcompton@bowmanconsulting.com

Jerry Compton, Vice President
Bowman Consulting Group, Ltd.
7881 SW Ellipse Way
Stuart, Florida 34997

301 SE OCEAN BLVD
SUITE 301
STUART, FL. 34994

Subject: Renewal for REI #2014-146, Professional Civil Engineering Services

Dear Mr. Compton,

This is official notification to your firm that the City of Stuart is satisfied with your firm's performance and wishes to extend your current contract for Professional Civil Engineering Services, for the period beginning July 28, 2015 and ending on July 27, 2016, which represents the first year of two (one year) renewal options. This extension is granted under the same terms, conditions, and pricing as the original contract. In addition, the City of Stuart requires a valid Certificate of Insurance on file at all times for Liability, Property Damage, and Automobile Liability, and Worker's Compensation as outlined in the agreement.

Please complete the bottom portion of this letter if your firm will agree to the requested renewal. Your response must be received **no later than 4:00 p.m., June 12, 2015**. You may fax your response to (772) 600-0134 or send by email to purchasing@ci.stuart.fl.us.

Thank you for your cooperation and attention to this matter. Please contact me at (772) 288-5308, should you have any questions.

Best Regards,

Lenora Darden, CPPB
Procurement Manager

cc: 2014-146 File

- I hereby agree to the contract renewal as specified of the subject Agreement
- I am unable to agree to the contract renewal as specified of the subject Agreement

(Signature)

Date

6-1-15

Printed Name

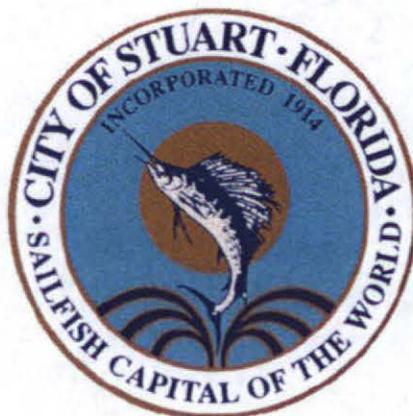
Title

JERRY COMPTON

Vp

2

1



BEFORE THE CITY COMMISSION
CITY OF STUART, FLORIDA

RESOLUTION NUMBER 65-2014

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA AWARDING REI #2014-146 FOR PROFESSIONAL ENGINEERING SERVICES TO ENGINEERING DESIGN & CONSTRUCTION, FT. PIERCE, FL; KIMLEY HORN, VERO BEACH, FL; C. CALVERT MONTGOMERY & ASSOCIATES, STUART, FL; CULPEPPER & TERPENING, STUART, FL; AECOM, STUART, FL; CAPTEC ENGINEERING, STUART, FL; HOLTZ CONSULTING ENGINEERS, STUART, FL; AND **BOWMAN CONSULTING**, STUART, FL; AND AUTHORIZING AND DIRECTING THE MAYOR AND CITY CLERK TO EXECUTE THE CONTRACTS SUBSEQUENT TO REVIEW AND APPROVAL BY THE CITY ATTORNEY; PROVIDING AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

* * * * *

BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA that:

SECTION 1: The City Commission of the City of Stuart hereby awards RFP #2014-146, Term Agreement for Professional Engineering Services to the following firms:

Res. 65-2014
Engineering Services Continuing Contracts

1. Engineering Design & Construction, Ft. Pierce, FL;
2. Kimley Horn, Vero Beach, FL;
3. C. Calvert Montgomery & Associates, Stuart, FL;
4. Culpepper & Terpening, Stuart, FL;
5. AECOM, Stuart, FL;
6. CAPTEC Engineering, Stuart, FL;
7. Holtz Consulting Engineers, Stuart, FL; and
8. **Bowman Consulting, Stuart, FL;**

And, authorizing and directing the Mayor and City Clerk to execute the contract subsequent to review and approval by the City Attorney. Copies of the contracts are on file in the Office of the City Clerk.

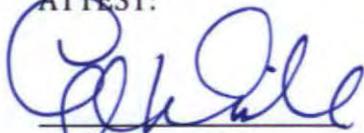
SECTION 2: This resolution shall take effect upon adoption.

Commissioner KRAUKSOPF offered the foregoing resolution and moved its adoption. The motion was seconded by Commissioner CHRISTIE and upon being put to a roll call vote, the vote was as follows:

	YES	NO	ABSENT	ABSTAIN
TROY A. Mc DONALD, MAYOR	X			
KELLI GLASS LEIGHTON, VICE-MAYOR	X			
EULA CLARKE, COMMISSIONER	X			
JEFFREY A. KRAUSKOPF, COMMISSIONER	X			
JAMES A. CHRISTIE, Jr, COMMISSIONER	X			

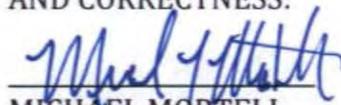
ADOPTED this 28rd day of JULY, 2014.

ATTEST:


CHERYL WHITE
CITY CLERK


TROY A. Mc DONALD
MAYOR

APPROVED AS TO FORM
AND CORRECTNESS:


MICHAEL MORTELL
CITY ATTORNEY



- 1. Original Contracts and Bids are filed under Engineering.**
- 2. There are eight proposers on this bid: AECOM; Bowman Consulting; Captec; C. Calvert Montgomery; Culpepper & Terpening; Eng. Design & Construction; Holtz Consulting Eng. and Kimley Horn.**



**AGREEMENT FOR CIVIL ENGINEERING SERVICES
BETWEEN
CITY OF STUART AND PROFESSIONAL**

PROJECT: Term Contract for Professional Engineering Services

CONSULTANT: Bowman Consulting Group, Ltd.
7881 SW Ellipse Way
Stuart, Fl 34997

AGREEMENT FOR PROFESSIONAL SERVICES

THIS AGREEMENT, hereinafter "Agreement," made and entered into the 12th day of August, 2014 by and between Bowman Consulting Group, Ltd., hereinafter referred to as "Professional" and the City of Stuart, Florida, a municipal corporation, 121 S.W. Flagler Avenue, Stuart, Florida 34994, hereinafter referred to as "City", for and in consideration of the following terms, conditions and covenants.

I. PURPOSE OF AGREEMENT

City intends to enter into a contract with Professional for provision of Civil Engineering services by the Professional and the payment for those services by City as set forth below.

II. SCOPE OF SERVICES

The Professional shall provide professional Civil Engineering services in all phases of any project for which a WORK AUTHORIZATION has been issued by the City pursuant to this Agreement as hereinafter provided. These services will include serving as City's professional consulting representative for the Project, providing professional consulting consultation and advice and furnishing customary Civil Engineering services and customary services incidental thereto as described in the Work Authorization. The detailed scope of services to be performed and schedule of fees for those services shall be detailed in each Work Authorization.

Section 1. Scope of Service

Professional shall work with the City Public Works Director, City Attorney, City Manager, or other City staff in advising the City and the City Commission regarding Civil Engineering services. The services will be those customarily attendant to Civil Engineering services including, but not limited to the following:

- A. Preparation of roadway location or alignment studies
- B. Preparation of roadway design
- C. Preparation of land acquisition documents

- D. Preparation of a hydrologic & hydraulic studies
- E. Preparation of storm drainage system design
- F. Preparation of new or retrofit storm water management design
- G. Preparation of floodplain studies
- H. Preparation and procurement of requisite environmental permits
- I. Performance of traffic counts
- J. Preparation of traffic studies and analysis
- K. Preparation of maintenance of traffic design
- L. Preparation of structural studies and design for bridges, culverts and retaining walls
- M. Preparation of construction documents
- N. Preparation of cost estimates
- O. Preparation of Construction Plans for Waterfront and Marine Facilities (docks, seawalls, river walks, upland support facilities)
- P. Presentation to the Commission, staff, and the public of reports, plans, and exhibits
- Q. Preparation of as-built plans
- R. Review of plans, specifications and estimates developed by others
- S. Other customary Professional Civil Engineering Services

III. AGREEMENT PROVISIONS

Section 1. Period of Service

1.1 Term of Agreement

Upon award of this Agreement, the effective date of this Agreement shall be the date of execution of this Agreement by both City and Professional. Term of this agreement shall be for an initial period of one (1) year with the option of two (2) additional one-year renewal periods, upon the mutual agreement of the parties. At the option of the City, and upon the agreement of the Professional, this Contract may be converted to or replaced at any time with a "Continuing Services Contract" as that term is used in Section 287.055, et seq, Florida Statutes (CCNA).

1.2 Work Authorization

Each "Work Authorization" shall specify the Period of Service agreed to by the City and the Professional for services to be rendered under said "Work Authorization".

Section 2. Compensation and Method of Payment

2.1 Fee Schedule

CITY will compensate Professional for services under each Work Authorization. The fee due to the Professional shall be set forth in each Work Authorization and shall be in accordance with Professional's personnel hourly rate schedule formalized in "Exhibit C" to this Agreement. Professional's personnel hourly rate schedule may be updated annually prior to each optional renewal period.

2.2 Invoices

Professional shall submit monthly invoices to the City no later than the last day of the month for work accomplished under this Contract. Each invoice shall be detailed and include, but not be limited to, hours worked by each person assigned to the Project, date worked and all ancillary expenses incurred and by whom.

2.3 Payment

Payment for services rendered is due within thirty days of receipt and approval of invoice by City. Payment is delinquent 30 days following receipt and approval of invoice by City.

Section 3. Reimbursable Expenses

Professional shall be reimbursed only for approved out pocket expenses directly chargeable to the Project, at actual cost incurred. Reimbursable expenses will include travel, lodging and meals when traveling at the City's request and on the City's behalf. These expenses shall conform to rates and allowances set forth in Florida State Statute, Sec 112.061, regarding per diem and traveling expenses. Identifiable communication expenses, reproduction costs, and special accounting expenses not applicable to general overhead shall be reimbursed at actual cost.

Section 4. Additional Services

4.1 Requests for Additional Services

The undertaking by the Professional to perform professional services defined within this Contract extends only to those services specifically described herein. If upon the request of the City, the Professional agrees to perform additional services hereunder, the City shall pay the Professional for the performance of such additional services an amount (in addition to all other amounts payable under this Agreement) based on an hourly fee in accordance with Professional's current personnel fee schedule, plus reimbursable expenses so incurred by the Professional; unless a lump sum addendum to this Contract is executed by the parties to this Contract which addresses the additional services.

4.2 Changes in Scope/Conditions

Additional Services shall include revisions to work previously performed that are required because of a change in the data or criteria furnished to the Professional, or a change in the scope of concept of the Project initiated by the City, or services that are required by changes in the requirements of public agencies, after work under this Contract has commenced.

Section 5. Use of Documents

5.1 Ownership of Original Documents

All deliverable analyses, reference data, survey data, plans and reports or any other form of written instrument or document that may result from the Professional's services or have been created

during the course of the Professional's performance under this Contract shall become the property of and shall be delivered to the City after final payment is made to the Professional.

Section 6. Termination

6.1 Termination for Convenience

Either party upon a seven (7) day written notice to the other party may terminate this Contract. In the event of any termination, Professional shall be paid for all services rendered to the date of termination including all reimbursable expenses.

Section 7. CITY's Obligations

7.1 Data to be Furnished

The CITY shall provide Professional with all data, studies, surveys, plats and all other pertinent information concerning the Project in the possession of the CITY upon request.

7.2 Designated Representative

The Designated Representative of the City to act with authority on the City's behalf with respect to all aspects of the Project shall be identified in each Project Authorization.

Section 8. Persons Bound by Agreement

8.1 Parties to the Agreement

The persons bound by this Contract are the Professional and the City and their respective partners, successors, heirs, executors, administrators, assigns and other legal representative.

8.2 Assignment of Interest in Agreement

This Contract and any interest associated with this Contract may not be assigned, sublet or transferred by either party without the prior written consent of the other party. Nothing contained herein shall be construed to prevent Professional from employing such independent Professionals, associates and subcontractors as Professional may deem appropriate to assist in the performance of the services hereunder.

8.3 Rights and Benefits

Nothing herein shall be construed to give any rights or benefits arising from this Contract to anyone other than Professional and the City.

Section 9. Indemnification of City

Professional shall to the fullest extent allowed by law, defend, indemnify and hold harmless the CITY, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the Professional and other persons employed or utilized by the Professional in the performance of the contract. Specific consideration for this indemnity is \$10.00, the receipt and sufficiency of which are hereby acknowledged by Professional.

Professional shall obtain, maintain and pay for general liability insurance coverage to insure the provisions of this paragraph.

Section 10. Insurance.

10.1. Workers' Compensation

The Professional shall procure and maintain, during the life of this Contract, Worker's Compensation insurance as required by Florida Statutes, Chapter 440 for all of employees of the Professional engaged in work on the Project under this Contract.

10.2 Insurance Policy Limits

Professional shall procure and maintain insurance policies with at least the following coverage and amounts, during the life of this contract:

10.2.1 **General Liability Insurance.** In a combined single limit of \$1,000,000.00 per occurrence, \$2,000,000.00 aggregate.

10.2.2 **Automobile Liability Insurance.** In a combined single limit of \$250,000.00 each occurrence.

10.2.3 **Professional Liability or Errors and Omissions Insurance.** In a combined single limit of \$1,000,000.00 aggregate.

10.3 Insurance Cancellation

The Professional shall furnish to the City Certificates of Insurance allowing the same notification period as granted to the insured for any change, cancellation, or non-renewal. If the insurance policies expire during the terms of the Contract, a renewal certificate or binder shall be filed with the City fifteen (15) days prior to the renewal date.

10.4 City to be Named Additional Insured

The plans and specifications and other contract documents to be prepared by Professional pursuant to this Contract shall require the insurance of liability of the person, firm or corporation which would, as contractor, perform the work described in such plans and specifications. The amounts of insurance shall be

determined by the City. The City shall be named as "additional insured" with regard to the coverage of such policies of insurance.

10.5 Status of Claim.

The Professional shall be responsible for keeping the City currently advised as to the status of any claims made for damages against the Professional resulting from services performed under this Contract. The Professional shall send notice of claims related to work under this Contract to the City. Copies of the notices shall be sent by fax, hand delivery or regular mail to:

City Manager, City of Stuart
121 S.W. Flagler Avenue
Stuart, Florida 34994
FAX: (772) 288-5316

Section 11. Professional Standards

11.1 Other Agreements

THIS SECTION NOT USED.

11.2 Approvals Not Guaranteed

All work performed by Professional will be in accordance with the highest professional standards and in accordance with all applicable governmental regulations. However, Professional does not warrant or represent that any governmental approval will be obtained, only that the Professional will exercise its best efforts to obtain all such approvals contemplated under this Contract.

11.3 Governmental Regulations

Professional shall assure that work performed under each Project Authorization shall be in accordance with all applicable governmental regulations.

Section 12. Opinions of Cost

Since the Professional has no control over the cost of labor, materials, equipment or services furnished by others, or over methods of determining prices, or over competitive bidding, or market conditions, any and all opinions as to costs rendered hereunder shall be made on the basis of its experience and qualifications and represent its best judgment as an experienced and qualified Professional, familiar with the current market. The Professional cannot and does not guarantee that proposals, bids or actual costs will not vary from opinions of probable cost. If at any time the City wishes greater assurance as to the amount of any cost, the City shall employ an independent cost estimator to make such determination. Consulting services required to bring cost within any limitation established by the City will be paid for as additional services hereunder by the City.

Section 13. General Conditions

13.1 Venue in Martin County

Venue for any lawsuit to enforce the terms and obligations of this Contract shall lie exclusively in the County Court or the Circuit Court in and for Martin County, Florida.

13.2 Laws of Florida

The validity, interpretation, construction, and effect of this Contract shall be in accordance with and governed by the laws of the State of Florida.

13.3 Attorney's Fees and Costs

In the event the Professional defaults in the performance of any of the terms, covenants and conditions of this Contract, the Professional agrees to pay all damages and costs incurred by the CITY in the enforcement of this Contract, including reasonable attorney's fees, court costs and all expenses, even if not taxable as court costs, including, without limitation, all such fees, costs and expenses incident to appeals incurred in such action or proceeding.

13.4 Mediation as Condition Precedent to Litigation

Prior to the initiation of any litigation by the parties concerning this Contract, and as a condition precedent to initiating any litigation, the parties agree to first seek resolution of the dispute through non-binding mediation. Mediation shall be initiated by any party by serving a written request for same on the other party. The party shall, by mutual agreement, select a mediator within 15 days of the date of the request for mediation. If the parties cannot agree on the selection of a mediator then the CITY shall select the mediator who, if selected solely by the CITY, shall be a mediator certified by the Supreme Court of Florida. The mediator's fee shall be paid in equal shares by each party to the mediation.

13.5 Contract Amendment

No modification, amendment or alteration in the terms or conditions contained in this Contract shall be effective unless contained in a written documents executed with the same formality and of equal dignity herewith. No verbal agreement by the CITY or the CITY's representative identified herein shall be binding or enforceable against the CITY.

Section 14. Exhibits

The following Exhibits are attached to and made a part of this Contract:

“**Exhibit A**” - "Proposal as Submitted by Professional and Accepted by City"

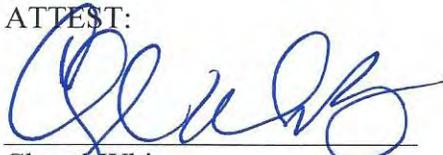
“**Exhibit B**” - “Original Request for Proposal as Issued by City, including all Addenda”

“Exhibit C” - "Professional's Personnel Hourly Rate Schedule"

“Exhibit D” - "Insurance and Indemnification"

IN WITNESS WHEREOF, the CITY and the Professional have made and executed this Contract the day and year first above written.

ATTEST:


Cheryl White
City Clerk

CITY


Troy A. McDonald
Mayor

APPROVED AS TO FORM
AND CORRECTNESS


Michael J. Mortell
City Attorney

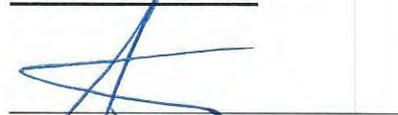


WITNESSES:


(Signature)

(Signature)

PROFESSIONAL


(Signature)


(Printed Name & Title)

EXHIBIT A

**“PROPOSAL AS SUBMITTED BY PROFESSIONAL AND ACCEPTED BY THE CITY OF
STUART”**



REI # 2014-146

PROFESSIONAL CIVIL ENGINEERING SERVICES

Wednesday, June 18, 2014 2:30 pm

Prepared By

Bowman
CONSULTING

7881 SW Ellipse Way

Stuart, Florida 34997

Ph: 772-283-1413 Fax: 772-220-7881

Teaming With

Higgins Engineering Inc.

EW Consultants Inc.

GFA International Inc.

Susan O'Rourke, PE Inc.

HJA Design Studio

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REI # 2014-146

Professional Civil Engineering Services

Wednesday, June 18, 2014

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2 Past Performance

3 Familiarity

4 Qualification Data

5 Insurance

6 Disclosure Statements

7 Other Information

8 Addenda

June 16, 2014

LETTER OF TRANSMITTAL

City of Stuart
Stuart City Hall
Purchasing Division
121 SW Flagler Avenue
Stuart, Florida 34994

RE: REI #2014-146 – PROFESSIONAL CIVIL ENGINEERING SERVICES

Ladies and Gentlemen:

Bowman Consulting Group, Ltd appreciates the opportunity to submit our qualifications and relevant experience to the City of Stuart. The City will find working with the Bowman Team to be an advantage to the City of Stuart for the successful completion of tasks under this proposed contract. The Bowman advantage includes the following:

Experience: Founded in 1988, Creech Engineers, Inc. provided engineering, and surveying and mapping services to a client portfolio that includes Fortune 500 companies, nationally recognized residential developers, federal, state, county and local government entities, community development districts, and private developers.

With offices in Stuart, Port St. Lucie, Melbourne, Tallahassee, and Fort Lauderdale Creech Engineers, Inc. continually provides unique, creative and cost effective solutions to all of our valued clients.

Creech Engineers, Inc. merged with Bowman Consulting in September 2013, which is based out of Virginia with 29 offices and over 600 staff members throughout the United States. Bowman has a core team of exceptionally qualified Professional Engineers, Environmental Specialists, Surveyors and Land Planners plus other support personnel. We are proud to represent that our team members have decades of combined experience in the planning, permitting, design, and construction of water and wastewater projects. Key members of our team have been working on water and wastewater projects throughout Virginia for rural communities and municipalities since the mid 1980's. Bowman Consulting brings a highly qualified team to each project, equipped with the latest in computer technology, both in the office, and in the field. Our services include municipal capital improvement projects, large commercial and industrial site development, residential and subdivision land development, storm water management, transportation engineering, traffic engineering, surveying and mapping, and geodetic services.

Location: With five Florida offices, including offices in Stuart, Port Saint Lucie, Melbourne, Tallahassee and Fort Lauderdale, Bowman continually provides unique, creative and cost effective solutions to all of our valued clients. We currently provide continuing engineering and survey services in Southampton County VA, Surry County VA, Isle of Wight County VA, Sussex County VA, Charles City County VA, Amelia County VA, Prince George County VA, Nelson County VA, Fairfax County VA, City of Petersburg VA, City of Colonial Heights VA, Stuart FL, Port St. Lucie FL, St. Lucie County FL, Martin County FL, Palm Beach Gardens FL, and other municipalities throughout the country.

Staffing: We have the experienced management and technical staff on board to start the project immediately as well as have the capacity to commit our staffing through the duration of the contract. We are prepared to start work immediately upon notice to proceed.

Another key advantage to the City of Stuart is the management team we have put together to lead our effort. They are as follows:

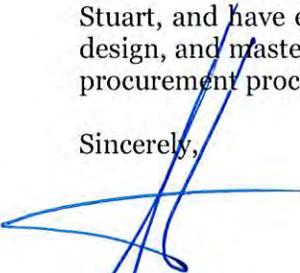
Jerry Compton will serve as the Client Manager. Mr. Compton will allocate the projects to various team members within Bowman Consulting depending on the required area of expertise and will be the main point of contact. His experience will translate into providing the best services to City of Stuart.

Bowman Consulting Group, Ltd is a focused supplier of consultancy, engineering, planning, project management, and inspection services to our customers throughout Florida. From our 24 years in business, Bowman Consulting Group, Ltd has acquired extensive experience in addressing client's needs through: **superior planning capabilities** – each team member has completed multiple planning projects; **expert design and permitting capabilities** – each member has significant experience in projects similar to the one proposed in the REI; **adaptability** – we understand “change” is a constant and team members are prepared to bring the project in on-time and within budget; **enthusiasm** – team members enjoy these types of projects and are committed to helping better their hometown; and **superior service** – our superior service is confirmed by maintaining continuing services for the same clients (municipalities, state agencies, and Fortune 500 companies) for over 20 years. Our service to the City will be at the same quality and dedication we extend to all our clients.

Since the inception we have successfully performed a variety of professional services for the City of Stuart and other municipalities, Counties, and State agencies. Examples of some of the past projects for which Creech Engineers, Inc. has provided professional services to the City of Stuart include: SR 707/Wright Boulevard Extension Intersection Improvements; Shepard Park Boat Ramp Dredging; and Guy Davis 10th Street Park. Most recently at the County Level, Martin County selected Creech Engineers, Inc. to provide professional services for Capital Improvement Long-range Planning Services for Stormwater Management, Water, and Wastewater Master Plans for Seven Community Redevelopment Area's; Salerno Creek Retrofit; and, CEI services for Sailfish Splash Park. Finally, at the State level, Creech Engineers, Inc. has maintained continuing services contracts with South Florida Water Management District, Florida Department of Transportation, Florida Department of Environmental Protection, and the Florida Department of Corrections.

We have worked diligently over the past 30 years to cultivate our current relationships with the City of Stuart, and have established our firm as a dependable source for professional services in engineering, design, and master planning along the Treasure Coast. We look forward to the next step in the contract procurement process and working with you in the near future.

Sincerely,



Jerry Compton
Vice President
Bowman Consulting Group Ltd
jcompton@bowmanconsulting.com

GENERAL PROJECT APPROACH

Bowman Consulting Group, LTD is well versed in details of completing a project from the initial conception through design, value engineering, permitting and construction. We have assembled a team with a proven track record of executing projects on time, within budget, and that meet the client's requirements. All members of the team have local offices, and have worked within the City. Our local experience provides an opportunity to save the City time and money as our team is familiar with local conditions and City specifications, procedures, and requirements.

The following outlines Bowman Team Core Values:

Commitment to the City of Stuart:

- a. Providing quality services for more than 30 years.
- b. We have vested interest in the success of the project: several employees were born in Stuart and live in Stuart.

Communication:

- a. Weekly status updates directly with the City's Project Manager throughout a project. We don't disappear after the kick off meeting. We will establish a weekly meeting or conference call time to review status and ensure the Project is proceeding as scheduled.
- b. We are located less than 15 minutes from City Hall in Stuart, allowing for quick meetings and immediate on-site access to job sites.
- c. Bowman is accustomed to working with other Consultants on complex projects: We maintain steady communication with all Consultants. Clear and consistent communication between all members of the team reduces costly delays or changes.

Experience:

- a. Bowman has an extensive background in not only completing large complex projects, but completing them on time and within budget. Our success on past projects has provided us with a blueprint for operating efficiently through maintaining good relationships with team members, having experienced professional staff, and having a strong project manager. Our goal is to work as a team, including working with Contractors in the construction phase. Our long working history with returning clients is testament to this.
- b. Examples of a few of our returning clients include: Department of Corrections since 1992, Department of Juvenile Justice since 1994, Lowe's Home Centers since 1996, Walmart Stores and Sam's Club since 2003, Martin County and City of Stuart since 1988, FDOT since 1998, and most recently SFWMD since 2006.
- c. Experience has also taught us "The Only Constant is Change". We are accustomed to quickly and efficiently moving forward despite changes.
- d. Assemble a team of highly qualified professionals and local sub-consultants.

Understand clearly and precisely the client's requirements and scope of the project.

- a. Bowman Consulting and our sub-consultants have been doing work for the City and within the City for many years. We understand the issues that the City faces, we have attended the City Commission and other planning meetings, and we understand the relationship between the City, Martin County and other local and state agencies.
- b. Upon selection to a specific project, we will assemble the team and attend a start-up meeting with the City. We will prepare, in consultation with the City, a detailed written scope of the project requirements, deliverables, and deadlines. A project schedule will clearly define the milestones. The work will be broken down into tasks, each with its budget so that they can be tracked.
- c. We will document any changes to the scope of the project. We will obtain sign off on the project scope and any changes to the scope before executing any work, so that all parties are clear on their responsibilities and mutual expectations.
- d. Clearly establishing the scope and deliverables of the project and establishing a budget and work schedule are key factors in ensuring the projects are performed within the City's budget and time constraints.

Value Engineering

- a. The Bowman Team project approach follows the steps for value engineering. Our process anticipates issues early in the process to ensure all possible solutions are evaluated and the best solution is selected based on standard engineering practices and value. We have a highly qualified and experienced staff for the engineering and permitting tasks of the project. By being proactive in the management of the project, we strive to provide the City with a quality product which will meet or exceed the City's expectations.

Scheduling & Budget

- a. Bowman Consulting Group, LTD understands the importance of keeping a project on budget and within schedule, especially considering the current economic conditions and budgetary issues municipalities have faced for the past four years.
- b. Bowman Consulting Group, LTD utilizes Deltek's Vision Software which provides its Project Managers with a number of reports from detailed cost analysis to project-to-date summaries. Bowman Consulting Group, LTD also incorporates electronic timesheets, in which all employees log in their time daily. The Project Manager accesses this data each week to evaluate cost, production rates, schedules, invoicing, and accounts receivable. This effectively allows the Project Manager to make required actions before task budgets go over.

- c. Furthermore, Bowman Consulting Group, LTD tracks the hourly use of time versus the budgeted time for each project. We have accumulated enough typical man-hour data to schedule tasks and establish an accurate budget forecast. The Project Manager utilizes this information and Microsoft Project to identify tasks, resources, project milestones, key client due dates and task coordination. With respect to project schedules and control, the Project Manager reviews deliverable deadlines and schedules the necessary work efforts and review periods with staff to ensure the deadlines are met and costs are maintained. Utilizing software and procedures, Bowman Consulting Group, LTD is able to help clients reduce costs and maintain schedules on a daily and weekly basis.

Quality Assurance/Quality Control - Engineering

- a. Our internal Quality Assurance/Quality Control (QA/QC) program sets the highest standards, which we must meet. Our QA/QC program is implemented at the conception of a project and continues throughout the process until the project is completed. When problems are anticipated, immediate steps are taken to provide the necessary resources or make changes to insure the client's needs are satisfied and our internal quality standards are met.
- b. Bowman Consulting Group, LTD incorporates a series of checks and counter checks for our QA/QC program. All team members are responsible for quality control. Specific responsibility begins at the Project Engineer level. Drawings are then forwarded to the Project Manager and the QA/QC Manager. A final review is conducted by the QA/QC Manager before submittals. Checklists are stamped onto check plots and drawings to document the process.
- c. Reports, bidding, opinion of probable costs, constructability, and specifications of the project are subject to the same Quality Control procedures as the construction drawings themselves. This procedure is the final check before drawings are sent out for bid. Individuals assigned to construction observation will review the plans and specifications. Using past experience and industry standards, they recognize the situations and conditions that may be problematic. This form of value engineering produces an efficient and cost effective design.
- d. Bowman Consulting Group, LTD has minimized change orders and met client expectations due to our quality assurance/quality control plan. Our staff provides a comprehensive project scope at the beginning of the negotiations to avoid future change orders and a comprehensive review of drawings prior to release.

QUALITY CONTROL/QUALITY ASSURANCE		
ASSIGNED PERSONNEL	INITIALS	DATE
ENGINEER TECHNICIAN Markup-blue/Check-blue		
CADD TECHNICIAN Comments-black/Markups Completed-yellow		
PROJECT ENGINEER Markup-red/Check-pink		
PROJECT MANAGER Markup-red/Check-green		
PEER REVIEW Comments-green/Check-orange		
ENGINEERING		

Project Management

Our team manages projects with a strong emphasis on responsiveness, commitment of key personnel, accountability, and schedule/cost control.

- a. **Responsiveness** – We believe the key to our successful projects has been responding to client’s needs a priority. All projects experience changes in direction as the planning or design becomes narrowed and focused, or as a result of input from regulatory agencies, and Bowman Consulting Group, LTD is committed to providing outstanding service and be readily available to our clients.
- b. **Commitment of Key Personnel** – Key staff proposed for this project have worked on similar projects in the past in Florida. The commitment of experienced personnel is essential to successful, cost effective service.
- c. **Accountability** – Our team provides a Client Manager who will be personally responsible for all aspects of any assignment under the contract. The Client Manager is an officer of the firm.
- d. **Schedule and Cost Control** – Our team implements computerized cost, schedule, and quality control procedures from the inception of each project. We subscribe to early identification and reporting of apparent problem areas in order to take action to maintain the schedule and ensure a high quality product. The effectiveness of our procedures is evidenced by our excellent performance history on past projects.

The following outline is a standard approach to projects the Bowman Team follows:

Due Diligence Phase

Our experience indicates the due diligence phase is critical for the successful outcome of a project. The phase includes establishing the City’s requirements, identifying other stakeholders and their requirements, analyzing historical and existing conditions, and identifying early on issues which may affect the outcome of the project.

- a. During the initiation phase, Bowman Consulting Group, LTD (the Bowman Team) will conduct a kick-off meeting with the Director of Public Works at the City of Stuart to understand the City’s requirements and overall vision for the project.
- b. It is important to identify early on other stakeholders on the projects. These may include the general public, state agencies, and regulatory agencies. Following the kick-off meeting, research is conducted which reviews the following requirements for the project.
- c. Existing permits for the site (County, SFWMD, FDEP, ACOE, FDOT, etc.)
- d. Permitting agencies to be involved in reviewing the proposed project.
- e. Data collection, if applicable, such as existing permits, as-built plans, and any other pertinent information.

- f. Site visit – Field conditions.
- g. Review State Revolving Fund Construction Loan checklist and review all other forms/applications required to submit for the application for funding
- h. Verify survey information of: actual Right-of-ways and locations of facilities.
- i. Verify Environmental:
 - a. Sensitive buffer and upland vegetation to be preserved
 - b. Phase 1 and 2 Environmental Analysis
 - c. Identification of contaminated soils, etc.
- j. Geotechnical Analysis:
 - a. Soil Borings
 - b. Season wet water table determination
 - c. Standard penetration tests for bearing capacities
 - d. Infiltration tests
- k. Landscape: Replacement of impacted landscaping and tree survey (if required).
- l. Clean Water State Revolving Fund (SRF) Planning Requirements:

Design and Permitting Phase

30% Conceptual Design Phase

- a. Establishment of a project timeline using Microsoft Project
- b. Begin preparation of the Planning Document according to requirements outlined by the State Revolving Funds (SRF) Program
- c. 30% plans
- d. Preliminary hydrologic and hydraulic modeling report
- e. Calculations for the water and sewer systems
- f. Preliminary Cost Estimates and Financial Feasibility Report
- g. Review by the City
- h. Pre-application meeting with regulatory agencies
- i. Meeting with DEP staff to review planning documents according to the State Revolving Fund Program Planning Requirements guidelines and process
- j. Public meetings as required by the City of Stuart

60% Design

- a. Incorporate comments from the City, regulatory and State agencies
- b. Utility Coordination and finalization of system design
- c. Structural design of any headwalls and foundations
- d. 60% Plans
- e. Update hydrologic models and stormwater report
- f. Update Cost Estimate and Financial Feasibility Report

- g. Review by the City
- h. Preparation of planning documents according to State Revolving Funding (SRF) Construction Specifications guideline
- i. Public Meetings as required by the City of Stuart
- j. Permits are applied through the regulatory agencies. We can streamline the permitting process through the extensive permitting experience of our Team and established contacts we have with reviewers. In most instances, permits are obtained after one round of comments, and in many cases we will discuss issues with these agencies as they review them to minimize the comments issued and to address them in a timely fashion.

90% Plans

- a. Outstanding comments
- b. Quality Control
- c. Value Engineering
- d. Construction Specifications according to Clean Water State Revolving Fund (SRF)
- e. Permits finalized by regulatory agencies

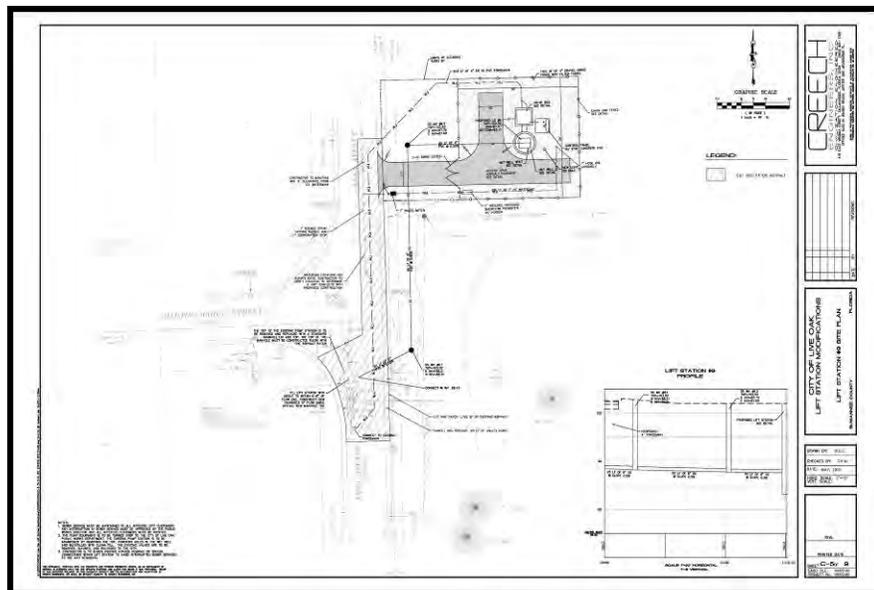
100% Construction Documents

- a. Final Cost Estimates
- b. Preparation of bid documents
- c. Public Meeting as required by the City of Stuart
- d. Preparation of “Drinking Water State Revolving Fund Construction Loan Agreement”

Bidding, Construction and Certification Phases

- a. Pre-Bid Conference
 - a. Response to requests for additional information and issuing Addendum
 - b. Technical Support
- b. Construction Engineering & Inspection Phase
 - a. Review of Shop Drawings
 - b. Pre-Construction Conference
 - c. Periodic Inspections and Technical Support
 - d. Construction Staking
 - e. Materials Testing
 - f. As-Built Surveys and Certifications

Client	City of Live Oak
Contact Name	Mr. Robert Farley, City Administrator
Address	101 White Avenue SE, Live Oak, Florida 32064
Phone number	386-362-2276
Nature of Work	<p>City of Live Oak Lift Stations Upgrade, Live Oak, Florida</p> <p>Engineering: Selected for a CDBG project in Live Oak, Florida to upgrade three lift stations. The lift stations were located in various areas of the City and in bad repair. We analyzed the drainage areas for each lift station and account for future growth based on the future land uses. One lift station was located within the middle of the Anna Street Right of Way. We worked with the City and the North Central Florida Regional Planning Council to locate a property to site the new lift station. Another lift station was located within a 15 foot easement and the City was negotiating with a property owner for additional property during design. After the bid the negotiations fell through and were able to respond by adjusting the design to rehabilitate the lift station in place with minimal impacts on the project.</p>
Year Completed	2011
Total Value	\$300,000



Client	City of Chiefland
Contact Name	Ms. Laurie Copeland
Address	Chiefland City Hall, 214 East Park Avenue, Chiefland, Florida 32626
Phone number	352-493-6711
Nature of Work	<p>City of Chiefland CDBG, Chiefland, Florida</p> <p>Engineering: Selected for engineering services for the City of Chiefland CDBG project. We worked with the City to develop a project for the CDBG funding which included providing sanitary sewer for two areas of the City and two new pump stations. Also included was a major lift station upgrade. The major lift station upgrade was on a station that was manifold into a system that has eight pump stations tied together. Researched old records and pump curves to develop a hydraulic model which evaluated the pressures on the upgraded lift station. This was necessary to properly design pumps for the upgrade.</p>
Year Completed	2011
Total Value	\$750,000



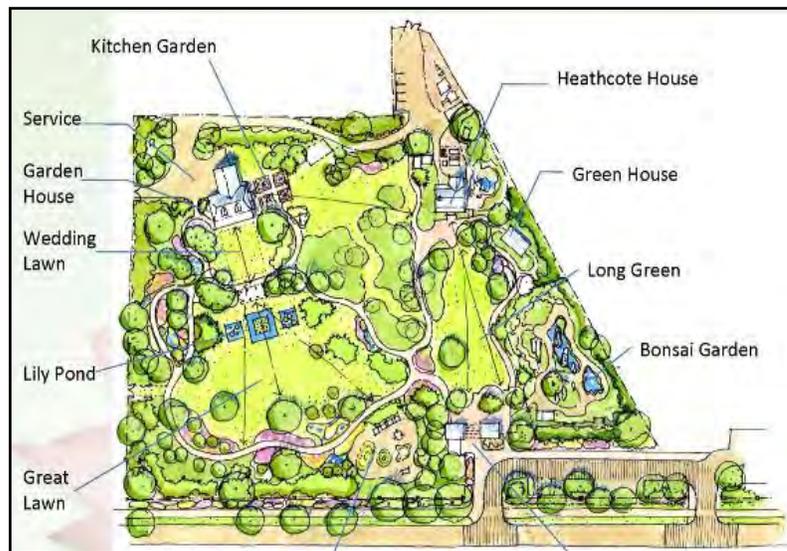
Client	Florida Department of Corrections
Contact Name	Mr. Stephen Grizzard, Bureau Chief
Address	2601 Blair Stone Road, Tallahassee, Florida 32399
Phone number	850-410-4111
Nature of Work	<p>Utility Extensions for Suwannee CI, Live Oak, Florida</p> <p>Engineering: Design and development of the Suwannee Correctional Institution a 4,000 inmate major state prison. Assisted the State in negotiating utility service from the City of Live Oak. The City services were approximately 7 miles from the project site. Originally the City of Live Oak determined that the prison would pump wastewater to their existing collection system and ultimately drain to the wastewater treatment plant. However during our initial modeling determined that if the prison tied to the existing City of Live Oak sanitary system major upgrades of the existing system would need to be upgraded. Worked with the state and the city to develop an alternate forcemain route that would ultimately discharge to the wastewater treatment plant. This alternate route includes a secondary pump station to pump the flow the entire 13 miles. Designed 7 miles of 12” water line and 13 miles of 12” forcemain including two pump stations.</p>
Year Completed	2009
Total Value	\$4,186,000



Client	Florida Department of Corrections
Contact Name	Mr. Stephen Grizzard, Bureau Chief
Address	2601 Blair Stone Road, Tallahassee, Florida 32399
Phone number	850-410-4111
Nature of Work	<p>Potable Water System Suwannee CI, Live Oak, Florida</p> <p>Engineering: Selected and worked with the Department of Corrections, City of Live Oak and the Suwannee River Water Management District to develop a well field at the prison site. The prison site was a 316 acre site that was evaluated to have three potable water wells developed. Since the City was to ultimately own and operate the water system, worked with the City and SRWMD to modify the City's existing consumptive use permit. This project was unique in that the prison site was at an elevation 90 feet above the City of Live Oak 7 miles to the west. Therefore the prison site needed an elevated tank to provide fire protection and along the interconnection route a pressure reducing valve was designed so that the City could accept water from the prison well field. Performed the hydraulic modeling to size the pipes of the distribution system around the prison site and the interconnection to the City of Live Oak water system. Suwannee C.I. was constructed with two 750 gpm wells, 300,000 gal elevated water tank, 5,000 LF of 6", 2,400 LF of 8", 9,000 LF of 10" and 4,000LF of 12' water pipe. Also designed a reuse system for use at the prison. The prison uses reuse water for toilet flushing, laundry and irrigation. The reuse system comprised of a 200,000 gallon ground storage tank, high service pumps and distribution system.</p>
Year Completed	2009
Total Value	\$1,500,000



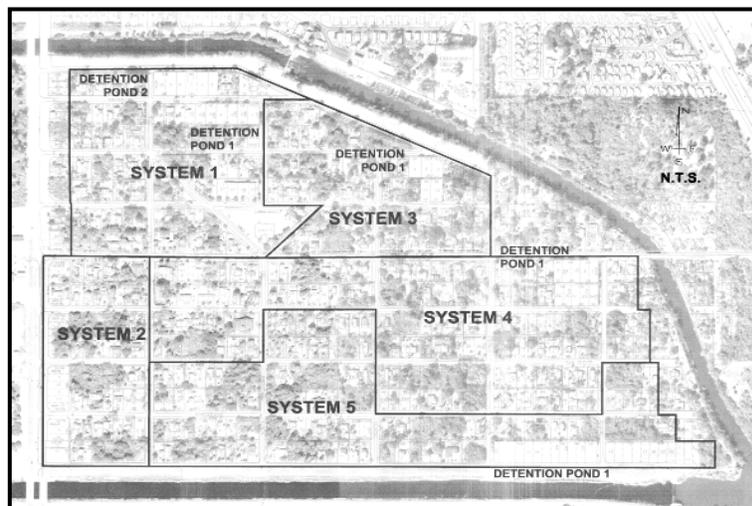
Client	Heathcote Botanical Gardens
Contact Name	Ms. Amy Dahan, Director
Address	210 Savannah Road, Fort Pierce, Florida 34982
Phone number	772-464-4672
Nature of Work	<p>Heathcote Botanical Gardens, Fort Pierce, Florida</p> <p>Engineering and Survey: Through a joint effort between Heathcote, St. Lucie County, and the City of Fort Pierce, approximately 150 acres of land will be redeveloped as part of the Heathcote Botanical Gardens. This expansion will serve as a critical link in a recreation and greenway system the size of New York's Central Park. Significant coordination will take place with the Fort Pierce Utility Authority in relation to their existing utilities and supply of utilities to the proposed project. The project includes City of Fort Pierce land that contains the Fort Pierce Public Works Depot, Police Depot, The Humane Society of Fort Pierce, and master stormwater management lake for the City of Fort Pierce. The improvements proposed include the relocation of the Public Works and Police Depots; realigning and naturalizing the existing stormwater canals along Savannah Road; expanding the existing stormwater treatment lake; construction of an observation deck along the lake edge; construction of multiple canoe launches; construction of a greenway through the Savannahs; increasing the water quality of stormwater that passes through the system; and beautifying Savannah Road.</p>
Year Completed	On-Going
Total Value	\$152,000



Client	St. Lucie County Public Works
Contact Name	John Frank, P.E. (C66), Natasha Taylor Saenz (C64)
Address	2300 Virginia Avenue; Fort Pierce, Florida 34982
Phone number	(772) 462-3755
Nature of Work	<p>Sneed Road C66 and Sneed Road C64 Culvert Replacements</p> <p>Provided engineering design, permitting, and construction observation services for the replacement of two failed corrugated metal drainage culverts below Sneed Road in Fort Pierce with two 60" reinforced concrete pipes and headwalls. The culverts provide conveyance within the Fort Pierce Farms Water Control District canal system. The project involved the hydraulic design of the culverts, structural design of the headwalls, and replacement of the disturbed sections of Sneed Road.</p>
Year Completed	2008 - 2009
Total Value	\$58,176.00, \$56,782.00



Client	St. Lucie County
Contact Name	Mr. Michael Powley
Address	2300 Virginia Avenue, Fort Pierce, Florida 34982
Phone number	772-462-2153
Nature of Work	<p>Paradise Park Paving & Drainage Improvements, Fort Pierce, Florida</p> <p>Engineering: Project provides for the construction of drainage and roadway improvements to a portion of the Paradise Park neighborhood in Fort Pierce, Florida. Design addresses historic drainage deficiencies in a mature neighborhood adjacent to Fort Pierce Farms Canal Number One. Included in the improvements are paving of existing dirt roadways, swales, and storm water management facilities to improve runoff water quality and address localized minor flooding. Design services included roadway and drainage engineering, permitting, construction plan preparation, grant application assistance. Utility coordination with FPUA and accommodation plans were prepared to address conflicts between the proposed drainage system and existing water mains.</p> <p>Survey: Services included aerial mapping field survey support, design and supplemental topographic surveying in additional support of the aerial planimetrics, project control survey, base mapping services and supplemental design, topographic and project control surveys, utility locates, and soil boring staking. More specifically, photo identifiable points (catch basins, driveways, etc.) were located with GPS-RTK and leveled through for horizontal and vertical positioning. All horizontal control was established using GPS-RTK techniques from published control coordinates. All bench marks were established from St. Lucie County benchmarks using digital level techniques.</p>
Year Completed	On-Going
Total Value	\$323,000



Client	Martin County
Contact Name	E. Scott Webber , P.E.
Address	2401 S.E. Monterey Road, Stuart, Florida 34996
Phone number	772-288-5472
Nature of Work	<p>Community Redevelopment Areas (7 Separate CRAs), Martin County, Florida</p> <p>Engineering and Survey: Selected as design consultant to develop infrastructure master plans for seven Community Redevelopment Areas (CRAs) identified by Martin County. The CRA's were created in response to years of urban areas developing without planned infrastructure. To ensure the quality of the product, the firm partnered with specialized consultants for the land use planning, modeling of the water and wastewater systems, and funding/costs solutions. Through a charrette process, vision plans were adopted for each CRA. The plans were the result of a collaborative effort between the County, their planning consultant, Neighborhood Advisory Committees (NACs), and the public (stakeholders of the community).</p>
Year Completed	2007
Total Value	\$58,000 to \$97,000 Varied on CRA Size

The seven Community Redevelopment Areas (CRAs) included:

- Jensen Beach - 39 acres
- Rio – 415 acres
- Golden Gate – 350 acres
- Old Palm City – 625 acres
- Port Salerno – 287 acres
- Hobe Sound – 835 acres
- Indiantown – 4800 acres



Above: Jensen Beach

Right: CRA Map and restored Golden Gate building in Port Salerno



Client	City of Stuart
Contact Name	Sam Amerson, P.E.
Address	121 SW Flagler Avenue, Stuart, Florida 34994
Phone number	772-288-5331
Nature of Work	<p>S.R. 707/Wright Boulevard Intersection Improvements</p> <p>Engineering and Survey: To widen S.R. 707 to accommodate a turn lane at Wright Boulevard. Provided coordination between the City, County, State and Federal Agencies involved in the project. Plans were submitted through FDOT's Electronic Review Comment ERC system and included submittals of complete packages for the Preliminary, Initial, Constructability and Final Phases of FDOT's design and permitting process. Specifications and Bid Documents were tailored to meet County, State and Federal requirements of the project. The limited Right of way available for the widening of the project required design variances that were submitted and approved by FDOT. Due to the T-Intersection configuration, an MOT plan was designed specifically for this project.</p>
Year Completed	2010
Total Value	\$64,000



Client	Lowes Home Center
Contact Name	Richard Goodman
Address	Highway 268 East - East Dock, North Wilkesboro, NC 28659
Phone number	(336) 658-4000
Nature of Work	<p>Congress Avenue Extension, Lake Park; Palm Beach County, Florida</p> <p>Engineering for the construction of significant realignment and multiple turn lanes and median openings along an active 0.5 mile segment of Congress Avenue south of Northlake Boulevard. Responsibilities included the horizontal and vertical alignment design layout for paving and drainage improvements, access management layout, paving and grading design, storm water management system design and permitting with various agencies. Coordinated the design of the signal modifications located at the intersection of Congress Avenue and Lowe's and Target entrance. Also responsible for the administration and inspection of the Roadway Construction and reviewing reports of results of various sub-consultants to advise final recommendations to supervisors.</p>
Year Completed	2002
Total Value	\$1,953,000



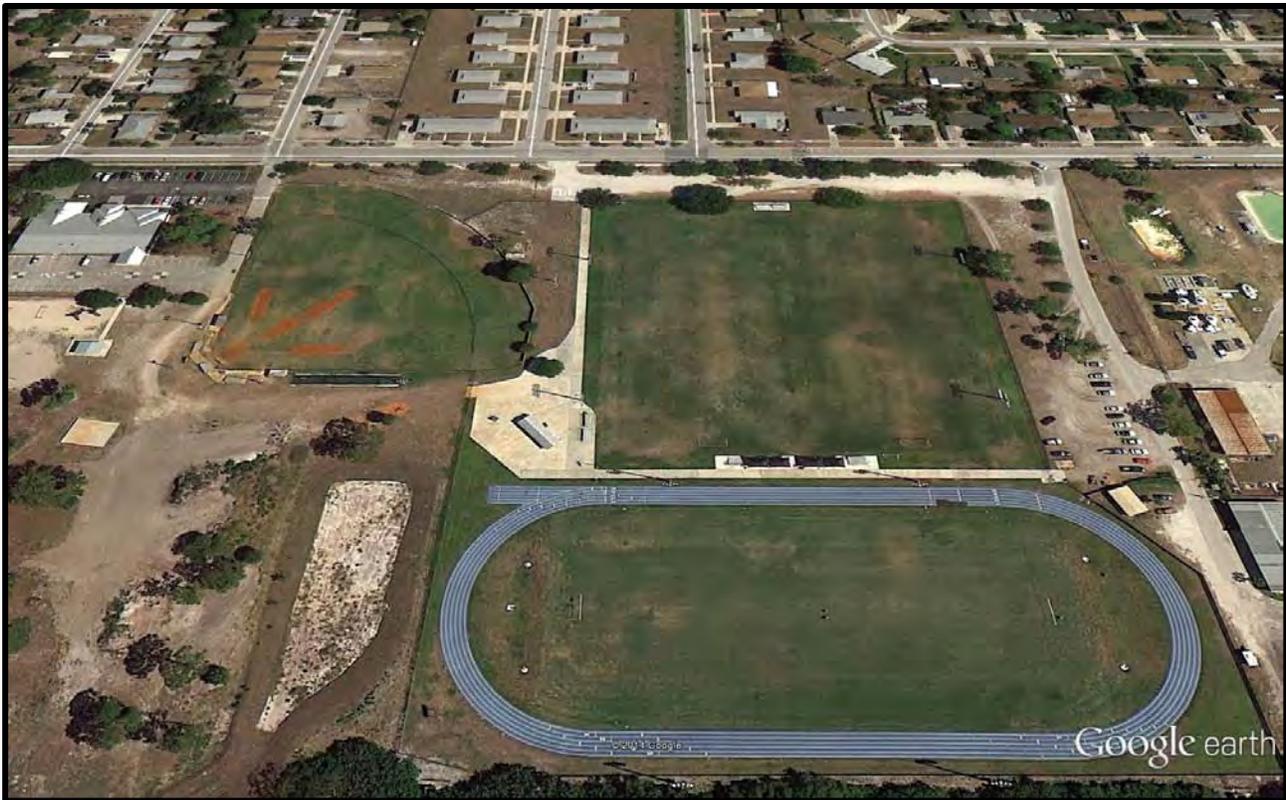
Client	Walmart
Contact Name	Brad Adams
Address	2001 SE 10th Street Dept. 8702 B; Bentonville, AR 72716-0550
Phone number	(479) 204-0256
Nature of Work	<p>211th Avenue, Miami; Dade County, Florida</p> <p>Served as Engineer of the 0.5 miles of roadway widening milling, resurfacing and drainage improvements to increase the roadway from two to four lanes. Supervised the design layout for paving and drainage improvements, utilities coordination, signing and marking plans, maintenance of traffic, and design surveys. Responsible for supervising the administration and inspection of the Roadway Construction and approving reports of results of various sub-consultants to determine final recommendations to the client and/or contractor</p>
Year Completed	2012
Total Value	\$987,275



Client	City of Palm Bay
Contact Name	Sue Hann, P.E.
Address	120 Malabar Road SE Palm Bay, FL 32907
Phone number	(321) 952-3411
Nature of Work	<p>San Filippo Drive Reconstruction and Widening, City of Palm Bay; Brevard County, Florida</p> <p>Served as Engineer for an approximate 0.53 miles of four lane roadways that included two intersections, four commercial driveways with traffic separators and numerous turn lanes and deceleration lanes. Responsibilities included supervising the horizontal and vertical alignment design layout for paving and drainage improvements, utilities coordination, signing and marking plans, maintenance of traffic, and site analysis for compliance with local ordinances, applicable codes and regulations. Also supervised the coordination of the design of the signal modifications located at the intersection of Malabar Road (SR 514) and San Filippo Drive. Supervised the administration and inspection of the Roadway Construction and approving reports of results of various sub-consultants to determine final recommendations to the client and/or contractor.</p>
Year Completed	2009
Total Value	\$1,252,000



Client	City of Stuart
Contact Name	Sam Amerson, P.E.
Address	121 SW Flagler Avenue, Stuart, Florida 34994
Phone number	772-288-5331
Email Address (if known)	www.cityofstuart.us
Nature of Work	Guy Davis 10th Street Park Engineering: The design and construction of multiple soccer fields, football field, a five lane running track surrounding the football field, concession stand, and concrete sidewalks throughout the park. This project is approximately 10 Acres of recreational sports facilities.
Year Completed	2009
Total Value	\$61,000



Client	South Florida Water Management
Contact Name	Richard E. Barnes, Jr., PSM.
Address	3301 Gun Club Road, West Palm Beach, Florida 33406
Phone number	561-682-6688
Nature of Work	<p>5-year Continuing Services Contract Survey</p> <p><u>Historic Kissimmee River – Oxbow, Polk County, Florida</u> This project included retracement of original government section corners, Geodetic Control Survey, Boundary Survey, and a Topographic Survey adjacent to the restoration of the Kissimmee Oxbow. The survey was needed for condemnation of a parcel of land for a corridor from the historic channel to existing ingress-egress parcels. Deliverables included signed and sealed Topographic Survey of three sheets, including project network control, background aerial images, 50' grid elevations, and electronic LDD version 2004 AutoCAD files and Adobe Acrobat.pdf archives.</p> <p><u>Allapattah Flats, Martin County, Florida</u> This project included setting pairs of Geodetic project control points for performing Topographic Surveys of 200 acres of environmentally sensitive lands that will be opened for public access for nature trails and hiking. Deliverables included signed and sealed Topographic Survey of three sheets, including project network control, background aerial images, 50' grid elevations, and electronic LDD version 2004 AutoCAD files and Adobe Acrobat.pdf archives.</p>  <p>The design and construction of multiple soccer fields, football field, a five lane running track surrounding the football field, concession stand, and concrete sidewalks throughout the park. This project is approximately 10 Acres of recreational sports facilities.</p> <p><u>Nubbins Slough – Storm Water Treatment Area, Okeechobee County, Florida</u> This project included setting pairs of Geodetic project control points for performing Topographic Surveys and cross-sections to determine the flow of incoming creeks, ditches, and canals into the constructed Storm Water Treatment Area. The surveys were performed across 640 acres of environmentally sensitive lands. Deliverables included signed and sealed Topographic Survey of 10 sheets, including project network control, background aerial images, plan-profile sheets, and electronic LDD version 2004 AutoCAD files and Adobe Acrobat.pdf archives.</p>
Year Completed	On-Going
Total Value	\$28,000 Average Per Project

Client	Florida Department of Transportation
Contact Name	Mr. Robert H Hughnan, Jr., PLS
Address	3400 West Commercial Boulevard, Fort Lauderdale, Florida 33309
Phone number	954-777-4556
Nature of Work	<p>FDOT District 4 Miscellaneous Surveying Contract Survey</p> <p>Currently contracted by District IV for Districtwide Right-of-way Surveying and Mapping services. The staff is very familiar with existing roadway conditions, traffic volumes, signalization, etc.</p> <p>Recently recognized for our conscientious effort to use Disadvantage Business Enterprises on all FDOT funded projects. Some of our recent contracts have included:</p> <p><u>FDOT District 4 Miscellaneous Surveying Contract C-8733</u> Districtwide contract completed in 2008 including: Two (2) L.A.M.P. projects on I-95 with supplemental design Surveys in Indian River and Martin Counties; Three (3) Right-of-Way monumentation projects in Indian River County; Two (2) Right-of-Way Control Surveys & Genesis Maps in Indian River County; multiple Project Network Control Surveys; and various miscellaneous Right-of-Way staking projects throughout northern District Four.</p> <p><u>FDOT District 4 - S.R. 15, Palm Beach County, Florida</u> Five mile corridor from Belle Glade to Pahokee including EFB Design Survey; compilation of existing District 4 EFB segments and field notes with supplemental EFB segments; Surveyor in Responsible Charge for Metric unit Right-of-Way Maps with F.E.C. Right-of-Way alignment, special Survey instructions/Everglades Patent and dual (metric and English) dimensions.</p> <p><u>FDOT District 4 Miscellaneous Surveying Contract C-8S44</u> Districtwide contract rewarded in 2008 including: L.A.M.P. project on I-95 with Vertical Control Digital Level run in Martin County; Twelve (12) Drainage Right-of-Way easements stake out from U.S. #1 to the Indian River in Indian River County.</p>
Year Completed	On-Going
Total Value	\$600,000

Client	Cook County Highway Department
Contact Name	John Yonan, PE
Address	69 West Washington Street, Chicago, Illinois 60602
Phone number	312.603.1600
Nature of Work	Bowman Consulting Group staff provided for the preparation and final submittal of Phase I Traffic, Geometric and Drainage Report and Phase II Plans, Specifications and Contract Documents for the improvement of 104th Avenue from 159th Street to 167th Street. The scope of the improvements included the widening of the existing 2-lane roadway to a 3-lane roadway including timber pile load transfer and a double 7 foot by 6 foot concrete box culvert in the wetland area. The team was provided extensive coordination with the Cook County Highway Department and Illinois Department of Natural Resources – Office of Water Resources for per- mitting.
Year Completed	2006 - 2009
Total Value	\$6,000,000



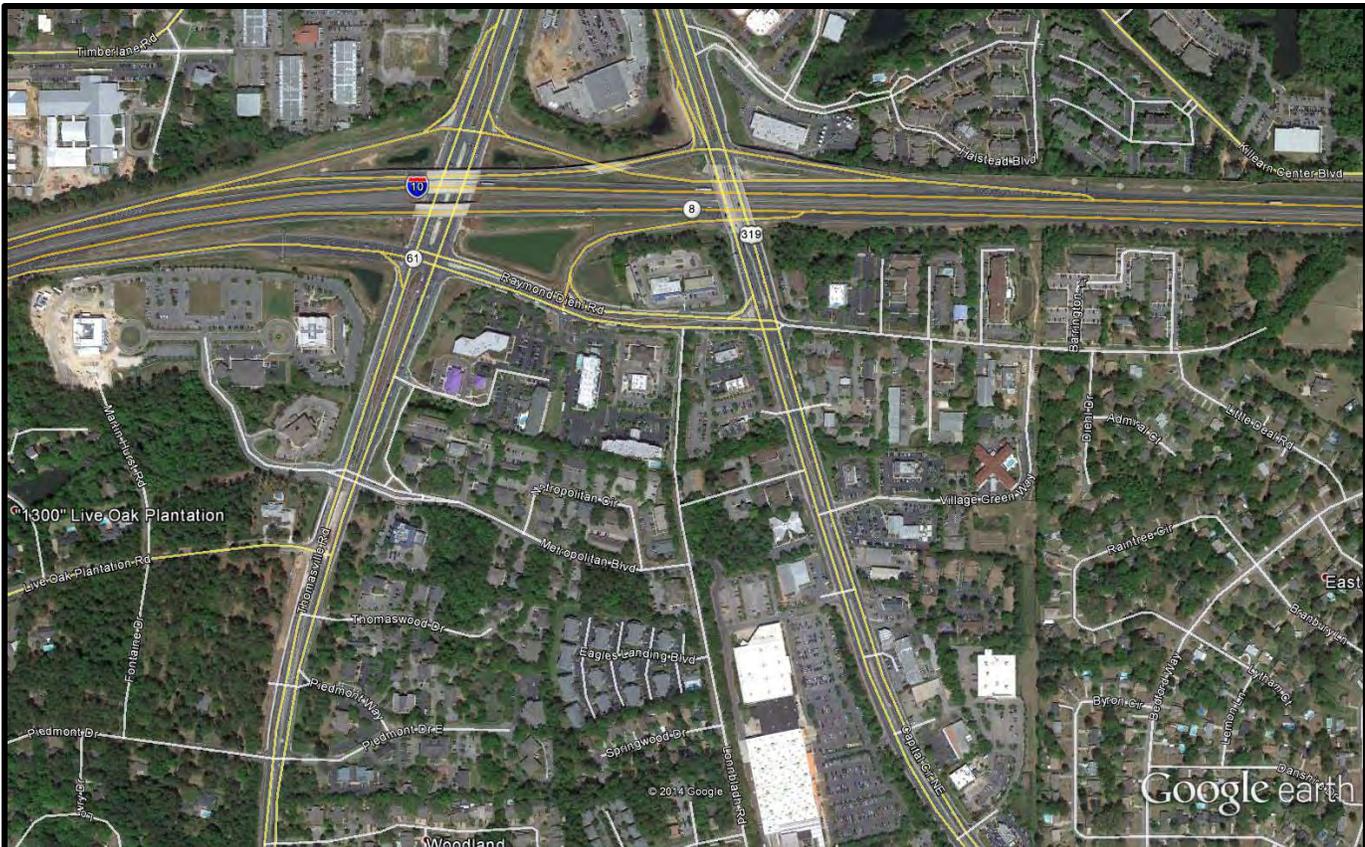
Client	Cook County Highway Department
Contact Name	John Yonan, PE
Address	69 West Washington Street, Chicago, Illinois 60602
Phone number	312.603.1600
Nature of Work	<p>Bowman Consulting Group staff provided Phase I and Phase II engineering services for improvements to West Lake Avenue. Phase I work included a Project Report including design criteria, hydraulic analysis, waterway opening, floodplain impacts, compensatory storage requirements, wetland impacts, typical sections, geometric alignments, bridge/retaining wall type, size and location studies, forest preserve driveway access, equestrian trail and ROW constraints. Phase II engineering services included preparation of contract documents for the road, equestrian underpass, and bridge structures over the Des Plaines River and adjacent slough; utility and local agency coordination; cost estimates; construction schedule; soil investigations; permits; and hazardous waste coordination. The West Lake Avenue Bridge is a two span structure supported by standard 102-foot long 54 inch deep prestressed concrete beams.</p> <p>Numerous aesthetic features include: “alcoves” at the center of the bridge where pedestrians can stop to view the River and the Forest Preserve. These vantage points have the overall appearance of balconies. The piers in the river extend up above the bearing seats to support the deck alcoves. Utilizing this detail, the pier hides the ends of the beams and bearings, creating a clean appearance. In lieu of using standard concrete barriers, special segmented concrete barriers with steel railing were designed. The steel railings are a dramatic “Mediterranean Blue”. This detail was adopted from details used on other concrete bridges nearby to compliment this architectural theme. The fascia beams and outside face of the bridge deck were coated with a colored cement coating. A form liner giving the appearance of limestone was used extensively on the piers, abutments and retaining walls. This form liner was specifically selected for its realism.</p>
Year Completed	2006 - 2009
Total Value	\$6,000,000



Client	Martin County / City of Stuart
Contact Name	Don Donaldson / Sam Amerson
Address	121 SW Flagler Avenue, Stuart, Florida 34994
Phone number	772-288-5331
Nature of Work	<p>Colorado Avenue (extension of Kanner Highway) from S.R. 5/U.S. Highway #1 to East Ocean Boulevard, Martin County, FL</p> <p>This 0.4-mile five lane urban roadway rehabilitation project included storm drainage system replacement (15-inch to 30-inch RCP), asphalt pavement milling and re-surfacing, water and sewer line replacements, landscaping, decorative street lighting, sidewalk replacement, sidewalk coloring, and re-striping. Project included significant coordination of business owners, night time construction, full time representation, utility relocation, roadway design, significant Maintenance of Traffic, signing and pavement markings, SWPPP, and drainage design. Responsible for the planning and design of the utilities, stormwater, and roadway replacement/resurfacing, signing and pavement markings, contract management, and development of the Maintenance of Traffic and SWPPP. Also assisted in the construction observation.</p>
Year Completed	2003
Total Value	\$750,000



Client	City of Tallahassee
Contact Name	
Address	300 South Adams Street, Tallahassee, Florida 32301
Phone number	813-891-8234
Nature of Work	<p>I-10 Interchange, Leon County, FL</p> <p>This project involved the realignment of the interchange exit ramp from a rural to an urban exit ramp. Realignment included additional lanes (two to four) at Capitol Circle to beyond Commonwealth Boulevard, including major upgrade of intersection. Responsible for overall contract management, client relations, responsible in part for the traffic engineering studies, planning, horizontal and vertical roadway design, grading plans, drainage design, maintenance of traffic, new signal design, site lighting, roadway design, signing, pavement markings, permitting, bidding, and construction administration including construction and material inspections.</p>
Year Completed	2000
Total Value	\$4,186,000



Susan E. O'Rourke, P.E., Inc

Client	Pointe at Jensen Beach LLC
Nature of Work	Susan E. O'Rourke, P.E., Inc. was retained to prepare a traffic analysis for the proposed commercial development to be located on US 1 and Windemere Drive in the City of Stuart. Signal warrants were conducted, Susan E. O'Rourke, P.E., Inc. worked with the FDOT operations to get the signal warranted and approved for signalization
Year Completed	2007
Client	Indiantown Commerce & Technology Park
Nature of Work	Susan E. O'Rourke, P.E., Inc. was retained to prepare a traffic analysis for the proposed Indiantown Commerce and Technology Park to be located on SR 710 in Indiantown in Martin County. The project consisted of approximately 1,300,000 SF of research and development land use on 97.35 acres. Signalization improvements were included in the analysis and recommended: SR 710/ Citrus – signalize when warranted; SR 710/ MLK – signalize and provide a northbound left and dual right turn lanes; provide an eastbound right turn lane and dual westbound left turn lanes. SR 710/ CR 609 – signalize when warranted; SR 710/ SR 76 – signalize when warranted. All improvements were reviewed with the FDOT.
Year Completed	2010
Client	SR-76 Corridor Improvement LLC
Nature of Work	Susan E. O'Rourke, P.E. Inc. was retained to prepare the traffic analysis and provide design improvements to SR-76 in Martin County. These plans were prepared in response to an organization put together by Ms. O'Rourke and other to create a funding mechanism for improvements to deficient roadways. Plans for constructing improvements that would offset traffic impacts were developed for SR-76 from I-95 to Cove Road. These plans were reviewed with the FDOT and Martin County. Estimated cost for improvements was approximately 1.8 million dollars.
Year Completed	2012
Client	Guettler Brothers
Nature of Work	Susan E. O'Rourke, P.E. Inc. prepared over 40 sheets of traffic control plans to facilitate the construction of the 4 lanes on SR 70 in St Lucie County. The plans were provided to shorten the construction time by providing alternate phasing to that designed by the FDOT.
Year Completed	2010

Familiarity

With offices in Stuart, Port St. Lucie, Melbourne, Tallahassee, and Fort Lauderdale Bowman Consulting Group Ltd continually provides unique, creative and cost effective solutions to all of our valued clients.

Creech Engineers, Inc. was originally founded by Mr. Richard T. Creech, P.E., P.S.M., who has been a resident of Stuart, Martin County since he was a young boy and is a third generation Floridian. He established Creech Engineers, Inc. in 1988 and has been an active member in the community through his work and his philanthropic participation.

Creech Engineers, Inc. merged with Bowman Consulting in September 2013, which is based out of Virginia with 29 offices and over 600 staff members throughout the United States. Jerry Compton Vice President and Branch Manager of the Stuart Office has also been a long time resident of Stuart and Martin County. Jerry's continuous dedication to the health and welfare of Stuart and surrounding area is only surpassed by the dedication of the City of Stuart Staff.

Other professional staff members who will be assigned to the project: Octavio Reis, Greg Ripple, and Patrick Meeds are also members of the Stuart/Martin County community. They have all worked extensively with City and Martin County staff on previous projects and are familiar with expectations and requirements of both agencies, and have established professional working relationships. The staff at the Stuart Bowman office wants to be a part of their community and take pride and ownership in what they do professionally and personally.

Local Conditions

The City of Stuart is faced with declining revenue and limited resources for projects. Therefore, any proposed capital improvement project is met with scrutiny by the public. The City is tasked with meeting water demands for future population and must plan for it now according to governing agencies. The Bowman Team is aware of the constraints and understands significant public outreach will be required to assist the City in obtaining their goals to address a dwindling water supply, as well as, meeting regulatory requirements.

Community Goals

The City of Stuart adopted a 5 year schedule of capital improvements projects adopted per ordinance number 2277-2014 in January 2014. Some of the goals established for the City's are:

- A. Baker Road sidewalk Beatification
- B. Downtown Transport Center
- C. Se Willoughby Boulevard Extension
- D. Poppleton Creek Wetland Enhancement Project
- E. Enhance Water Distribution System
- F. Provide a reliable high quality product at a reasonable cost
- G. Additional Downtown Parking
- H. Provide a sustainable source of revenue for the City's future
- I. Educate citizens through outreach programs

Bowman Consulting provides civil engineering, planning, surveying, environmental, landscape architecture, pipeline design, water/wastewater engineering, and transportation services to a variety of public and private markets throughout the United States. It also offers particular expertise in zoning, economic development and in land development/building regulations at the local, state and federal levels. The work of the firm includes commercial, industrial, educational, residential, retail, health care, recreational, utility, municipal, and federal projects. Bowman Consulting is headquartered just west of Washington, D.C. in Chantilly, Virginia.

Additional areas of expertise include:

- Preliminary and Final Site Planning
- Storm Drainage and Storm Water Management
- Master and Land Use Planning
- Development Feasibility Analysis
- Landscape Architecture
- Zoning Entitlements
- Rezoning and Special Exception Consulting
- Design Guidelines and Development Standards
- Visualization
- Phase I and Phase II Environmental Site Assessments
- Wetlands Delineation, Permitting and Mitigation
- Threatened and Endangered Species Evaluations and Surveys
- Transportation Engineering
- Economic Development Advising
- Community/Site Positioning
- Target Industry Identification
- Economic Development Strategic Planning
- Stream Assessment and Restoration Design
- Habitat Assessment and Existing Vegetation Survey
- Site and Subdivision Design
- Streetscape Design
- Water and Wastewater Engineering
- Street and Highway Design
- Construction Phase Services
- Surveying and Mapping / GPS
- Boundary Surveys
- ALTA Surveys
- 3D Laser Scanning and BIM Technologies
- Construction Stake-Out
- Condominium, Conversions with Associated Plats and Plans
- Topographic Surveys
- Structural Bridge Design

Bowman Consulting Florida Region consists of five offices located in Stuart, Port St. Lucie, Melbourne, Tallahassee and Fort Lauderdale providing Professional Civil Engineering and Surveying and Mapping services across the State of Florida. In the past 24 years, we have completed successful projects in 51 of Florida's 67 counties. Bowman Consulting's clients benefit from a balance of deep resources, often associated with large firms, and the flexibility and quick response associated with smaller boutique firms. Our national experience results in the regional jurisdictional knowledge that our clients need to move projects through intricate approval processes.

Since the company's inception in 1995, we have enjoyed sustainable growth and strength that are practically unrivaled in the industry. This growth provides professional opportunities for our staff and dedicates remarkable resources to projects of any size. Bowman Consulting's progressive culture attracts the industry's best and brightest people. Our focus, however, has remained on our clients and on providing them with high-quality, innovative, cost-effective, and efficient solutions to site and design challenges. From personnel to technology, we continue to offer and provide the best resources available in the industry.

Bowman Consulting has attracted national recognition, winning the 2010 GreenGov Presidential Award for the Fort Belvoir Residential Communities project, the Fairfax County Exceptional Design Award for the Fairfax Village Neighborhood Center at Fort Belvoir, a 'Project of the Year' award from Mid-Atlantic Construction for Cougar Upper Elementary School in Manassas Park, and a 2010 Fairfax County Land Conservation Award. Recognition has also come from publications and entities that include: Civil Engineering, Urban Land, Builder, the Washington Business Journal, ENR, Virginia Business, Point of Beginning, The Zweig Letter, Inc., and the Virginia Chamber of Commerce. For additional information, please visit bowmanconsulting.com. Bowman Consulting Florida Region has earned a multitude of local awards, for dedicated service to clients, community and educational involvement, for outstanding projects, and for individual achievements by our Engineers. A few awards received for work completed in the Stuart office include:

1998 - Florida Institute of Consulting Engineers (FICE), "Grand Award for Engineering Excellence" for our engineering and survey work on the East Fork Creek/Manatee Creek project located in Martin County, Florida, which included the restoration of an environmentally damaged waterway that drains approximately 3,000 acres of residential and recreational lands.

2004 - Florida Institute of Consulting Engineers (FICE), "Grand Award for Engineering Excellence" in the water resources category for the Salerno Creek Retrofit Facility which was the creation of a 23-acre regional stormwater detention pond and passive park to not only resolve stormwater issues in one of Martin County's oldest communities but help to promote redevelopment and revitalization of the area. The project also received a "National Recognition Award" from the American Council of Engineering Companies (ACEC) during the Engineering Excellence Awards Competition.

2005 - Florida Education Foundation "Diamond and Denim" Award for Outstanding Support of Education, Martin County School District Applicant

2006 - Lowe's Companies, Inc., "Excellence in Service" "Excellence in Service" Award for continuing civil engineering services

2008 - Southeast Construction Best of 2008 Award "The Best Governmental Project in the Southeast United States for the Wakulla Correctional Institution in Crawfordville, Florida



City of Stuart
Professional Civil Engineering Services
REI #2014-146



Bowman
CONSULTING

Jerry Compton
Client Manager
Vice President/Branch Manager

Kenneth Baybutt, P.E.
Sr. Project Director

Howard Ehram, P.E.
Sr. Project Manager

Arthur Nowak, P.E., S.E.
Director, Structural Department

Patrick B. Meeds, P.S.M.
Vice President/Direct of Surveys

Jessica Kwiatkowski, P.E.
Wastewater Treatment
Sr. Project Manager

Octavio Reis, P.E.
Sr. Project Manager

Karl Hanson, P.E., S.E.
Structural Technical Director

Steven Brickley, P.S.M.
Project Surveyor

Karlyn Owens, P.E.
Water/Wastewater Engineer
Task Manager

Gregory Ripple, P.E.
Project Manager

Michael Livernois, E.I.
Structural Engineer

SUB-CONSULTANTS

Higgins Engineering, Inc.
Hydrology & Hydraulics

EW Consultants, Inc.
Environmental

HJA Design Studio
Landscape

GFA International, Inc.
Geotech

Susan O'Rourke, PE, Inc.
Traffic

Jerry Compton *Client Manager*

7881 SW Ellipse Way Stuart Florida 34997

772.283.1413

jcompton@bowmanconsulting.com

Mr. Compton serves as Branch Manager of our Stuart office with more than 25 years of experience in the civil engineering discipline. His experience includes Water, Wastewater and Lift station planning and design, permitting, project management and construction management of multi-disciplined municipal, State, and private development projects throughout the State of Florida.

PROFESSIONAL EDUCATION

AS Engineering Technology - Palm Beach Junior College

AA Pre-Engineering - Indian River State College

PROFESSIONAL REGISTRATION

FDEP Qualified Stormwater Management Inspector #16735

LAP Training Certification

US 1 AND SW 211 ST., MIAMI DADE COUNTY, FL

Supervising Manager for the design layout for offsite utility improvements, utilities coordination, maintenance of traffic. Supervised the administration and inspection of the utility construction.

SAN FILIPPO UTILITY RELOCATIONS, PALM BAY FL

Project Manager responsible for overseeing design and permitting of all phases of approximately 3000 lf of potable water and force main relocations on San Filippo Drive while maintaining traffic operations open to the public. Responsible for all portions: schedule, budget, design, and utility design, and construction observation and certification.

COMMUNITY COLLEGE PARKWAY SANITARY SEWER RELOCATION, CITY OF PALM BAY FL

Project Manager for the layout, drainage, pavement marking design and utilities coordination of 1250 gravity sanitary sewer relocation. Responsible for all portions: schedule, budget, design, and utility design, and construction observation and certification.

SR 707 / WRIGHT BOULEVARD TURN LANE, CITY OF STUART, FL

Supervising Manager for the turn lane improvements for SR 707 as part of an FDOT ARRA funded project. Martin County managed the project through FDOT's Local Agency Program.

Howard Ehrsam, PE *Sr. Project Manager*

10815 SW Tradition Square Port St Lucie Florida 34987

772.249.0733

hehrsam@bowmanconsulting.com

Mr. Ehrsam has over 20 years of experience in all phases of civil engineering design, permitting and project management associated with residential, commercial and industrial land development projects. His experience includes stormwater management systems, roadway and pavement design, water distribution systems, wastewater collection/transmission systems, construction cost analysis, construction observation, general contracting and construction management.

PROFESSIONAL EDUCATION

BS, Civil Engineering, University of Florida

PROFESSIONAL REGISTRATION

Professional Engineer State of Florida License # 73975

FDEP Qualified Stormwater Management Inspector #29368

Certified General Contractors License #CGC 1509717

LEED AP

SCDP (ICSC Senior Certified Development, Design and Construction Professional)

LAP Training Certification

MANN RESEARCH CENTER, PORT ST. LUCIE, ST LUCIE COUNTY, FL

Engineer of record for 410,000 SF Medical Office, Research and Development and Retail on 23 acres. Some specific roles include: overall site plan development and entitlements, civil engineering and site design for 40,000sf medical office building # 1, and offsite development for ingress/egress, maintenance and utilities.

THE LANDING AT TRADITION, PORT ST, LUCIE, ST. LUCIE COUNTY, FL

70 Acre, 500,000sf retail power center consisting of 12 national big box retailers and over 30 medium and small shops. Specific accomplishments as the developer included: Successfully met Target's site development requirements under budget and ahead of schedule; Restructured contract terms for the building construction phase to save around \$2 million; Saved over \$800,000 in excess change order fees through diligent evaluations and negotiations. Successfully met delivery requirements for 12 big boxes under budget and ahead of schedule.

SHOPPES AT TRADITION, PORT ST. LUCIE, ST. LUCIE COUNTY, FL

70,000 sf retail center anchored by Publix. Specific accomplishments as the developer included: Met all of Publix delivery requirements under budget and on schedule.

Octavio Reis, PE *Sr. Project Manager*

7881 SW Ellipse Way Stuart Florida 34997

772.283.1413

oreis@bowmanconsulting.com

Mr. Reis has over 24 years of local and international engineering and project management experience for both government and private clients, including a variety of utility infrastructure, roadway, and stormwater projects for municipal, residential, commercial, and agricultural sites.

PROFESSIONAL EDUCATION

BS, Agricultural Engineering - Cornell University

MEng Agricultural Engineering - Cornell University

MBA - Auckland University

PROFESSIONAL REGISTRATION

Professional Engineer State of Florida License #65661

FDEP Qualified Stormwater Management Inspector Registration #19505

LEED® AP - New Construction Registration #CEE834D050

FDOT Advanced Maintenance of Traffic (MOT) Certification

US 1 AND SW 211 ST., MIAMI DADE COUNTY, FL

Project Manager for the design layout for offsite utility improvements, utilities coordination, maintenance of traffic. Managed the day to day aspects of the 1200 lf of water main administration, design, permitting and inspection of the utility construction.

JENSEN BEACH COMMUNITY CENTER, MARTIN COUNTY, FL

Engineer of Record for the civil engineering and utilities infrastructure portion for the new County building.

FORCE MAIN REPLACEMENT: SEMINOLE TRIBE OF FLORIDA

Engineer of Record for the replacement of 12" Force Main across the Turnpike within the Seminole Tribe of Florida Hollywood Reservation.

MASTER UTILITIES PLANNING: SEMINOLE TRIBE OF FLORIDA

Project Manager for various studies conducted for the expansion of water and wastewater services to the Hollywood Reservation. Utilities Accommodation coordination with FDOT regarding the expansion of the Turnpike within the Reservation.

RANGELINE WATER MAIN AND BOOSTER PUMP STATION, PORT ST. LUCIE, FL

Project included the design of 4.5 miles of water main and a booster pump station along Rangeline Road to provide water service to the Martin Correctional Institute. Project entailed, Martin County Comprehensive Plan amendment, coordination with Florida Department of Corrections, management of environmental, electrical and structural engineering sub-consultants and engineering support as required for the design and permitting and construction of the project.

Gregory Ripple, PE *Project Manager*

10815 SW Tradition Square Port St Lucie Florida 34987

772.249.0733

gripple@bowmanconsulting.com

Mr. Ripple has over 7 years of experience in all phases of civil engineering design, permitting and project management associated with residential, commercial and industrial land development projects. His experience includes stormwater management systems, roadway and pavement design, water distribution systems, wastewater collection/transmission systems, water and wastewater treatment facilities, construction cost analysis, construction observation and construction management.

PROFESSIONAL EDUCATION

BS, Civil Engineering, Tri-State University

PROFESSIONAL REGISTRATION

Professional Engineer State of Florida License #74563

FDEP Qualified Stormwater Management Inspector #19507

LAP Training Certification

GRAND OAKS OF OKEECHOBEE, OKEECHOBEE, OKEECHOBEE COUNTY, FL

Gregory Ripple and the Creech Team provided civil design and engineering inspections for a portion of the construction of the assisted living facility in Okeechobee.

GRAND OAKS OF JENSEN, JENSEN BEACH, MARTIN COUNTY, FL

Gregory Ripple and the Creech Team provided civil design and will be providing the engineering inspections for the construction of the assisted living facility in Jensen Beach.

STUART CONVALESCENT CENTER, STUART, MARTIN COUNTY, FL

Gregory Ripple and the Creech Team provided civil design for the construction of the expansion to the assisted living facility in Stuart.

MANN MEDICAL OFFICE BUILDING 1, PORT ST. LUCIE, ST. LUCIE COUNTY, FL

Gregory Ripple and the Creech Team provided civil design and engineering inspections for the construction of the medical office building in Port St. Lucie.

HUMANE SOCIETY OF TREASURE COAST, PALM CITY, MARTIN COUNTY, FL

Gregory Ripple and the Creech Team provided civil design and engineering inspections for the building and parking expansion.

ELLIOTT MUSEUM, HUTCHINSON ISLAND, MARTIN COUNTY, FL

Gregory Ripple and the Creech Team provided civil design and engineering inspections for the construction of the Museum on Hutchinson Island.

Patrick Meeds, PSM *Director of Surveys*

7881 SW Ellipse Way Stuart Florida 34997

772.283.1413

pmeeds@bowmanconsulting.com

Mr. Meeds is a native of Palm Beach County and has over 33 years of experience in his profession. His extensive experience as Professional Surveyor and Mapper includes: Expert Witness Testimony, A.L.T.A. Boundary Surveys; Right-of-way Control Survey and Maps; Horizontal and Vertical Control Surveys; Topographic Surveys; Hydrographic Surveys; Mean High Water Line Surveys; P.L.S.S. Retracement Surveys; Digital Terrain Models, contours, and profiles; and Platting. In addition to his surveying and mapping experience, his responsibilities include: project management; contracts; quality control; scheduling; SBE participation; and budgets. Furthermore, Mr. Meeds served as an instructor for the A.S. Surveying degree program at Palm Beach Community College and recently published the "Grid to Ground" seminar, which is approved for three continuing education credits by the Board of Regulation for Professional Surveyors and Mappers.

PROFESSIONAL REGISTRATION

Professional Surveyor & Mapper State of Florida #4728

PROFESSIONAL AFFILIATIONS

Florida Surveying & Mapping Society – past District 3 Director

Florida Society of Professional Surveyors & Mappers – past President of Palm Beach Chapter
American Congress on Surveying & Mappers

CITY OF PORT ST. LUCIE UTILITIES CONTINUING SERVICES

As part of our continuing contract, Mr. Meeds performed as Survey Project Manager for contract negotiations, work order estimates, quality control and assurance, and project supervision of surveys.

S.F.W.M.D. MISCELLANEOUS SURVEYING CONTRACT #4600000945

Contract negotiations, work order estimates, QA/QC, and project supervision of contract including Horizontal and Vertical Control Surveys, Hydrographic Surveys; G.P.S.-R.T.K. Topographic Surveys; Right-of-Way Monumentation Surveys; and Quantity Surveys within environmentally sensitive areas for various Comprehensive Everglades Restoration Project (CERP) projects.

BELLSOUTH, PALM BEACH, MARTIN, AND ST. LUCIE COUNTIES, FL

Project Manager for over 50 projects including right-of-way staking, topographic surveys, construction stake out for proposed utilities, road move projects and realignment of utilities, preparation of legal descriptions and sketches, and research of existing easements in the public records.

MARTIN COUNTY SCHOOL BOARD, MARTIN COUNTY, FL

Contract negotiations, work order estimates, QA/QC, and project supervision of contract. Boundary and Topographic Survey, with utility as-builts, wetland surveys, and digital terrain surfaces.

Steven Brickley, PSM *Project Surveyor*

7881 SW Ellipse Way Stuart Florida 34997

772.283.1413

sbrickley@bowmanconsulting.com

Mr. Brickley has over 10 years of surveying experience including: A.L.T.A. Boundary Surveys; P.L.S.S. Retracement Surveys; Mean High Water Line Surveys and Submerged Land Leases; Right of way Control Survey and Maps; G.P.S.-R.T.K. Topographic Surveys; Digital Terrain Models; contours and profiles; and G.I.S. Mapping projects. Mr. Brickley is a Past President of the Florida Surveying and Mapping Society U.F. Student Chapter and is the current President of the Indian River Chapter.

PROFESSIONAL EDUCATION

BS Geomatics - University of Florida

BA Liberal Studies - University of Central Florida

PROFESSIONAL REGISTRATION

Professional Surveyor & Mapper State of Florida #6841

PROFESSIONAL AFFILIATIONS

Florida Surveying and Mapping Society – President Indian River Chapter

Treasure Coast Builders Association - Board of Directors

PALM CITY FARMS VERTICAL CONTROL DENSIFICATION PROJECT, MARTIN COUNTY, FL

Project Manager. Established 78 vertical control points to be published by Martin County. Provided signed and sealed reports for each point as well as a GIS deliverable to assist the county survey department in their review.

MARIPOSA AVENUE SIDEWALK TOPOGRAPHIC DESIGN SURVEY, ST LUCIE COUNTY, FL

Project Surveyor – Provided Route Topographic Survey to support the design of a new 1/2 mile sidewalk in an existing neighborhood. Horizontal and vertical control was established along the project corridor. Detailed survey data was needed as the route included existing drainage swale, six right of way intersections and requires utility relocation within a confined corridor.

GLADES CORRECTIONAL INSTITUTE BOUNDARY SURVEY, BELLE GLADE, FL

Boundary Survey prepared by retracing FDOT R/W Maps, FEC R/W Map and T.I.I.T.F. deeds. Also prepared Legal Descriptions and Sketches to support the release of the clients lease rights over various parcels of land which are no longer needed for their facilities.

MANN RESEARCH CENTER, ST LUCIE COUNTY, FL

Boundary and Topographic Survey of 22+ acre site to support site plan, construction plans, and platting.

Kenneth Baybutt, PE *Sr. Project Director*

460 McLaws Circle Suite 120 Williamsburg Virginia 23185

757.229.1776

kbaybutt@bowmanconsulting.com

Mr. Baybutt brings more than 30 years of knowledge and experience to the project management, design and construction processes. In addition to serving as a Branch Manager, Mr. Baybutt is the Manager of the Water/Wastewater Division. He is ultimately responsible for the production of all design documents, specifications, engineering reports, studies and analyses for projects developed by the Water/ Wastewater Group.

PROFESSIONAL EDUCATION

BS, Civil Engineering, Virginia Military Institute, 1980

MS, Systems Management, University of Southern California, 1987

PROFESSIONAL REGISTRATIONS

Professional Engineer:

Commonwealth of Virginia, No. 028257

State of Maryland No. 32730

State of Texas, No. 114710

State of Arizona, No. 55478

WINTERGREEN WATER TREATMENT PLANT UPGRADES, NELSON COUNTY, VA

As Project Director, Mr. Baybutt is leading the team assisting the Nelson County Service Authority with the expansion of their existing conventional water treatment plant with a new membrane treatment system. In addition, project includes design of upgrades to their distribution system by refurbishing sixteen of the existing pressure reducing vaults. This project is funded through USDA-Rural Development and is in the final stages of construction.

HOPYARD FARMS WATER AND WASTEWATER SYSTEMS, KING GEORGE COUNTY, VA

Project Director for the project to design and construct facilities to provide 400,000 gallons per day of treated drinking water for a residential and commercial development along the Rappahannock River. The main facility consists of a treatment/pumping building with barn architecture and two 150,000 glass-lined steel water storage tanks which have the dimensions and appearance of grain silos. The wastewater system design includes preparation of a Preliminary Engineering Report (PER) and detailed plans and specifications for the construction of a 375,000 Gallon Per Day (GPD) expandable to 1 Million GPD Wastewater Treatment Plant (WWTP) to serve the residential/ commercial community.

TOWN OF ONANCOCK WATER/WASTEWATER SYSTEM IMPROVEMENTS, ACCOMACK COUNTY, VA

Mr. Baybutt, as Project Director/Project Manager led effort to conduct water system preliminary engineering study, designed upgrade to wastewater treatment plant, water system upgrade and subsequent design of new elevated water storage tank and three (3) new wells to serve the needs of the growing community. Project including funding application and approval through USDA Rural Development and additional sources.

Jessica Kwiatkowski, PE *Sr. Project Manager* *Wastewater Treatment*

460 McLaws Circle Suite 120 Williamsburg Virginia 23185
757.229.1776
jkwiatkowski@bowmanconsulting.com

As a Senior Project Manager for water and wastewater projects, Ms. Kwiatkowski brings extensive experience in the design of treatment plants, pump stations, force mains, gravity collection and distribution systems. She leads design teams to develop reports, spreadsheets, design calculations, technical specifications, bid documents, and VPDES and VPA permits in support of water resource projects. Her experience provides a broad comprehension of the regulations and requirements of both the VA Department of Health and VA Department of Environmental Quality.

PROFESSIONAL EDUCATION

BS, Bio-resource Engineering, Rutgers University, 1995

PROFESSIONAL REGISTRATIONS

Professional Engineer: Commonwealth of Virginia, No. 036766, State of North Carolina No. 033973

SELMA ESTATES REMOTE WASTEWATER PUMP STATION, LOUDOUN COUNTY, V A

In the capacity of Project Manager, Ms. Kwiatkowski was responsible for the design of a remote wastewater pump station to serve 227 homes contributing approximately 181,440-GPD of peak flow. The pump station consists of a 10-foot diameter wet well, two (2) 10-HP non-clog submersible pumps, SCADA controls, and approximately 3,750-feet of 6-inch forcemain. Construction on this project has not yet started.

WINTERGREEN WATER TREATMENT PLANT, NELSON COUNTY, VA

Ms. Kwiatkowski serves as the Project Manager responsible for the development of a Pilot Test Plan for the Nelson County Service Authority to assist in evaluating and recommending design options for a full scale membrane treatment system for the Wintergreen water treatment plant. In addition, the existing Preliminary Engineering Report (PER) was revised to clarify refurbishing the existing conventional treatment plant and adding a membrane treatment system to meet the required capacity. Upon funding approval, based on the revised PER, she completed the final design of the plant upgrades to include improvements to the PRVs in the distribution system. Currently she is serving as the Project Manager responsible for the construction phase of the project which is nearing completion.

WOODHAVEN WATER SYSTEM IMPROVEMENTS, NEW KENT COUNTY, VA

Ms. Kwiatkowski serves as the Project Manager responsible for the preparation of a Preliminary Engineering Report (PER) to analyze alternatives for an automated meter reading system and the replacement of the generator at Well No.2. The goal of the improvements, in addition to regulatory compliance, is to increase reliability, reduction of susceptibility to cross contamination, and reliable audit information. The PER was approved and the Client applied to USDA-Rural Development for funding assistance for the project. Ms. Kwiatkowski led the effort for the final design documents and construction of the improvements. The project is currently under construction.

Karlyn Owens, PE *Task Manager* *Water/Wastewater Engineer*

460 McLaws Circle Suite 120 Williamsburg Virginia 23185
757.229.1776
kowens@bowmanconsulting.com

Ms. Owens, in her position as a Project Engineer in Bowman's Water/Wastewater Group uses her background in civil and environmental engineering to provide analytical support, computations and calculations to aid Project Managers and assist in the design process. She has worked with various Project Managers developing Feasibility Studies, Preliminary Engineering Reports (PERs) and design calculations for water distribution systems, wastewater collection systems, as well as solid waste handling and disposal facilities.

PROFESSIONAL EDUCATION

BS, Civil/Environmental Engineering, Virginia Tech, 2005

PROFESSIONAL REGISTRATIONS

Professional Engineer, Commonwealth of Virginia, No. 047031

AQUIA HARBOUR PUMP STATION REHABILITATION, STAFFORD COUNTY, VA

Project Engineer. Assisted in the preparation of design documents to replace the existing wastewater pump station serving approximately 1,500 homes in the Aquia Harbour Development. Project included design of the new pump station with a 10-foot diameter wet well, valve vault, emergency generator, SCADA, control building, and flow meter. In addition to preparing the demolition plan, the project also consisted of rerouting the existing gravity sewer system and extending the existing forcemain to the new pump station site.

NEW BIG SPRINGS WASTEWATER PUMP STATION, TOWN OF LEESBURG, VA

Project Engineer assisting in the preparation of design documents for a replacement pump station to be located on the high school property to accommodate a new high school (Loudoun County Public Schools HS-5) and future development in the surrounding drainage area. The New Big Springs pump station will accommodate a peak flow rate of 424,000 GPD (300 GPM) and will be located approximately 2,000-feet northwest of the existing pump station on Route 15 in the Town of Leesburg, VA. It will consist of a 10-foot diameter wet well, two (2) 20 horsepower suction lift pumps, an emergency generator, an odor control system, 36,000 gallons of emergency storage, and a control building. The Town of Leesburg will own and operate the pump station.

WOODGROVE (FORMERLY FIELD'S) HIGH SCHOOL, LOUDOUN COUNTY, VA

As Project Engineer, Ms. Owens assisted in the preparation of design documents for the wastewater treatment and subsurface disposal system for the proposed high school site which will serve approximately 1,800 students. Currently, she is responsible for the design of the wastewater pump stations and forcemains required to extend the system to the Town's public sewer system. Construction was completed in early 2011.

Professional Education

- M.S., Civil and Structural Engineering, University of Illinois-Chicago, 2000
- B.S., Civil Engineering, University of Illinois-Chicago, 1994

Professional Registrations

- Professional Engineer: Illinois (# 062054030)
- Structural Engineer: Illinois (# 081005894)

Professional Certifications

- Certified NBI Program Manager for bridge inspection
- Certified Element Level Program Manager for element level bridge inspection.

Professional Associations

- American Society of Civil Engineers, Section President - Structural Group Illinois Section, 2004 - 2005
- Structural Engineers Association of Illinois
- American Railway Engineering and Maintenance-of-Way Association, past member of Committee 9 (Seismic Design for Railway Structures) Member and current member of Committee 15 (Steel Structures).

Mr. Nowak has over 19 years of experience in highway and railroad bridge design, communication towers, low rise buildings, project and construction management. He has been responsible for coordinating project personnel and subconsultants for Phase I design studies and Phase I design plans. He has experience in plan development for Phase I and II, as well as rehabilitation projects. He also prepared design specifications and cost estimates and coordinated CADD.

IDOT, Dan Ryan Retaining Walls, Chicago, Illinois

Structural Engineer responsible for designing and detailing of walls "Q" & "A" along a section of Dan Ryan Expressway. Wall "A" is a soldier pile wall. Wall "Q" is a typical cast-in-place T-Wall. Major challenges included designing appropriate transitions for different wall heights. Walls were varying in height in a range of 25 to 15 ft.

IDOT I-74 Reconstruction Project - ITS/Structural Element

Project Engineer responsible for structural effort related to the project. Multiple tasks included generation and checking of calculations, development of design plans and specifications for various structures such as: dynamic message sign trusses, telecommunication tower and various CCTV camera attachments. During the design process worked with and managed several staff structural engineers.

IDOT, FAP 305 Willow Road Reconstruction, Chicago, Illinois

Structural Project Engineer for this 1.6 mile reconstruction project. Bridgework ranged from one new integral abutment structure over Milwaukee Ave. and one new equestrian/bike path structure over Willow Road as well as reconstruction and widening of four existing bridges. Project provided three lanes in each direction with variable width median and also included lighting, traffic signals, and improvements to two major intersections, ramp modifications and wetland mitigation.

IDOT Illinois Route 83

Design Engineer responsible for designing and detailing of a 100 feet retaining wall along a section of Illinois Route 83. Major challenges included designing appropriate transitions for different wall heights.

IDOT, Van Buren Bridge, Chicago, Illinois

Structural Engineer responsible for QA/QC of the subject bridge. Various tasks involved calculations such as reinforcement for bridge deck and pier bents. Also, evaluated influence lines used in girder design. Mr. Nowak also designed new bearings, and developed various spreadsheets for quantity calculations.

IDOT, Illinois Route 53, DuPage County, Illinois

Project Engineer involved in Phase I studies, which consisted of Bridge Condition Reports for the culvert along Tributary 4 and bridge over Great Western Trail structures.

IDOT, I-290 over Mannheim Road, Westchester Road, I-88, Hillside, Illinois

Design Engineer involved in designing and detailing of substructure elements and QA/QC of the superstructure (Hillside Strangler). Different tasks included evaluation of bridge deck design (I-290 over I-88 - curved structure), generation of influence lines for pier and abutment design, design of bearing assemblies and shear studs and approach slabs with appropriate detailing.

Professional Education

- B.S.E., Civil Engineering, University of Illinois at Chicago, 1980
- B.S., Mathematics, Colorado State University, 1974

Professional Registrations

- Professional Engineer: Illinois (#062042648)
- Structural Engineer: Illinois (#081004642)

Professional Associations

- Structural Engineers Association of Illinois
- American Society of Illinois

Mr. Hanson's responsibilities include structural planning and design of building, bridges, parking structures, railway transit, and municipal structures; technical coordination and training of staff. Additionally, Mr. Hanson developed the commercially available "DCALC" software applications used by structural engineers: (<http://www.designcalcs.com>)

Lake Shore Drive Viaducts

Developed bridge replacement concepts for Wilson and Lawrence bridges.

IL Route 38 over Union Pacific Railroad at Kautz Road

Responsible for preliminary bridge plans for a new bridge supported intersection over a railroad. Developed a thermodynamic calculation to determine rate of freezing of this structure.

West Lake Improvements

Responsible for design of a precast concrete bridge with architectural features.

Taylor Street Viaduct and Ramps

Responsible for the structural design a 4 span structural steel viaduct and two ramps.

North Avenue Bridge

Responsible for preliminary design of a unique inclined arch bridge.

Naperville Road over the Fox River in Will County, Illinois

Responsible for TS & L drawings of two (2) precast concrete I-beam bridges.

Roosevelt Road Viaduct (Michigan Avenue to the Chicago River)

Responsible for the design and drawings for an 1800 foot long prestressed concrete bulb tee viaduct.

Fox River Crossing

Responsible for bridge concept studies for a proposed 1600 foot long bridge, plate girder and concrete arch alternatives.

North Avenue Bridge

Preliminary design studies include a fixed bridge and bascule bridge for CDOT

Green Bay Road over C&NW Railroad

Responsible for preliminary and final design of a historic bridge rehabilitation in Lake Bluff, Illinois. Also served as Resident Engineer during construction phase.

Illinois Route 83 Bridge over Illinois Route 5

Responsible for preliminary and final design plans for the widening and rehabilitation of 4-span P.P.C. I-beam structure in Oak Brook, Illinois.

Professional Education

- B.S., Civil Engineering, Michigan State University, 2005

Professional Registrations

- Engineer-in-Training: Illinois (#061035611)

Professional Certifications

- FHWA-NHI-130055 Safety Inspection of In-Service Bridges
- IDOT Qualified Bridge Inspection Team Leader.

Mr. Livernois is responsible for design and production on various projects with clients such as IDOT, County DOT's, City of Chicago and Metra. Duties include design calculations, drawing production, specifications, and quantities.

FAI-55 at Arsenal Road Project

Participated in the design of many structural component of the superstructure and substructure of West Frontage Road southbound entrance ramp over Interstate 55 in Will County, Illinois. The new bridge was a 2-span (217') PPC Bulb T-Beam atop integral abutments and a pier.

Assisted in the design of a 5,150' long cantilever retaining wall, with retained heights varying from 5' to 11', for Arsenal Road which divides Arsenal Road from Interstate 55.

Substructure design, including pier and abutments the southbound ramp over Interstate 55 at Arsenal Road in Will County, Illinois. The curved structure was a 2-span 218' 48" plate girder bridge sitting on top pile stub abutments with MSE walls.

Interstate 57 over Illinois Central Gulf Railroad and Illinois Route 50

Aided in the design of structural components of the bridges along Interstate 57 over the Illinois Central Gulf Railroad and Illinois Route 50 in Bourbonnais, Illinois.

I-270 over the Chain of Rocks Canal

NBIS inspection of the 1,990' long dual truss structure. Inspection consisted of in-depth, hands on examination of the fracture critical truss members as well as a special gusset plate inspection and verification of existing Pontis results. The 4-person team utilized a snooper and man-lift to reach all of the members.

North Lake Shore Drive Viaducts over Lawrence and Wilson Avenue

Assisted in the design of pile stub abutments and cantilever wingwalls for two 100' long 3 span structures at both Lawrence and Wilson overpasses on Lake Shore Drive.

LaGrange Road (US Route 45) Reconstruction

Participated in the design of over 50 retaining walls consisting of cantilever, sheet pile, and soldier pile type walls. These walls were needed due to widening of LaGrange Road and varied in lengths between 60' and 500' and retained heights of 4'-20'. Various walls included a design incorporating train loads due to proximity of the proposed walls to tracks.

IL-38 over the Union Pacific Railroad

Design of many structural components, including substructure and superstructure for Illinois Route 38 over the Union Pacific Railroad at Kautz Road at the Kane and Dupage County border. The bridge was a single span (109') with 80" plate girders sitting on top of pile stub abutments.

Susan E. O'Rourke, P.E., Inc.

RESUME

SUSAN E. O'ROURKE, P.E.

Business Owner/Traffic Engineer

Ms. O'Rourke has been involved in Land Use and Transportation Policy since the beginning of her career nearly 29 years ago. A native of Florida, Ms. O'Rourke returned to Florida in 2001 after 12 years in California. She opened the doors to her business at the age of 26. Since that time, her unique mix of public sector policy development and private sector implementation provide the insight to participate and help shape the future of downtown Stuart. Ms. O'Rourke has been active in the City of Stuart since returning to Florida in 2001.

She has provided leadership through key policy development throughout the Treasure Coast as well as communities in Southern California. Careful consideration of community and development issues is paramount in a project such as this with far reaching potential. Ms. O'Rourke has worked on many downtown projects including communities such as Delray Beach and Carlsbad California. She has addressed transit and rail needs from shuttle services to High Speed Rail. She has evaluated the parking demand and placement. Ms. O'Rourke, was an expert witness for San Diego public agencies relative to road transit and rail impacts in the City and the surrounding communities.

Ms. O'Rourke brings a well- balanced set of skills and experience from the public and private sector relative to downtown waterfront development and impacts.

Finally and perhaps most importantly, Ms. O'Rourke is a small business owner and mother of three who lives and works in the City of Stuart.

Education

Bachelor of Science, Engineering Science, Vanderbilt University

Work Experience

Vanderbilt University, Traffic and Parking, 1982-1985

Kimley-Horn and Associates, (KHA) Analyst, West Palm Beach, 1985-1988

Kimley-Horn and Associates, Regional Vice President, Orange, California, 1988-1989

O'Rourke Engineering, President, 1989-2000 RBF/O'Rourke Engineering, Principal Engineer, 2001

Susan E. O'Rourke, P.E.,Inc., President, 2001-present

Registration

Registered Civil Engineer, Florida,

Registered Civil Engineer, California

Registered Traffic Engineer, California

Affiliations/ Memberships

Stuart LPA Member

East Stuart Main Street Board

Member Institute of Transportation Engineers

Member American Society of Civil Engineers

Seven50 Executive Committee

Community Involvement/ Charitable Giving

FIRST Robotics Team 180 S.P.A.M., Vice President

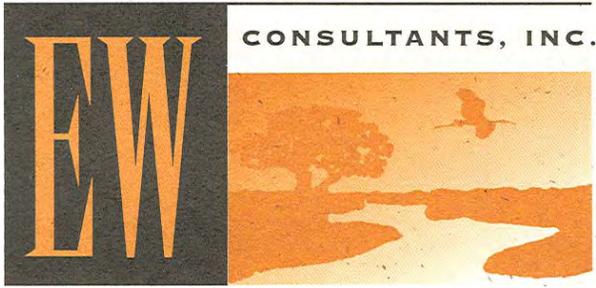
St. Joseph Catholic School/ Church St. Vincent de Paul

Advocates for Rights of the Challenged

House of Hope

Council on Aging

Historical Markers Committee



EDWARD R. WEINBERG, PWS, PRESIDENT

EDUCATION

M.S. Oceanography, Florida Institute of Technology, 1987
B.S. Biology (cum laude), St. Bonaventure University, 1985

ADDITIONAL TRAINING AND LICENSES

Certified Professional Wetland Scientist (#000670)
U.S. Army Corps of Engineers Certified Wetland Delineator, Jacksonville District

PROFESSIONAL AFFILIATIONS

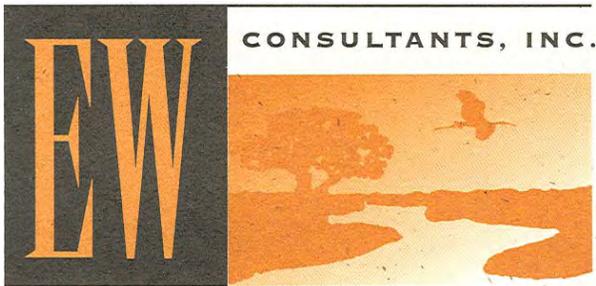
Florida Academy of Sciences
Society of Wetland Scientists
National Association of Environmental Professionals
Florida Association of Environmental Professionals
Treasure Coast Builders Association
American Water Works Association
American Membrane Technology Association

QUALIFICATIONS AND EXPERIENCE

Mr. Weinberg is an environmental professional with broad knowledge in freshwater, marine and terrestrial systems. With over 25 years of practical experience, he has participated in a wide variety of natural resource assessments, listed species surveys and relocations, land management plan preparations, and environmental permitting projects. A biologist and regulatory specialist with substantial field experience in Florida's natural systems, he founded EW Consultants, Inc. in 1997 to specialize in the identification and evaluation of natural resource issues and their relationship to Florida's regulatory climate.

Mr. Weinberg's experience includes delineation of wetlands, native habitat, and wildlife evaluation on thousands of acres throughout Florida. This experience has included everything from preliminary due diligence evaluation to highly complex permitting efforts. The field information collected during these assessments has been used to develop management plans for wetland and upland systems, prepare maps for environmental acquisition projects, and to support permit applications and project planning.

Since the formation of EW Consultants, the firm has focused its practice on developing strong working relationships with natural resource agency staff throughout the Florida regulatory community. This approach, along with thorough natural resources analysis and evaluation, leads to continued success for EW Consultants' clients in achieving their project objectives. The myriad environmental regulatory programs and concerns of the citizens in Florida result in a complex process for achieving project success and protecting its natural resources.



PAUL EZZO, AICP, PROJECT PLANNER

EDUCATION

M.S. City and Regional Planning, University of North Carolina at Chapel Hill, 1989

B.S. Social Science, Florida State University, 1987

ADDITIONAL TRAINING AND LICENSES

American Institute of Certified Planners (AICP No. 064566)

PROFESSIONAL AFFILIATIONS

American Institute of Certified Planners

American Planning Association

Florida Planning Association, Treasure Coast Chapter

QUALIFICATIONS AND EXPERIENCE

Mr. Ezzo is an environmental and project planner with more than 20 years of experience, including both governmental and private consulting positions. He possesses a unique combination of extensive environmental and natural resources experience as well as a formal education and certification in city and regional planning. As a senior planner with the South Florida Water Management District, his responsibilities included review of DRI proposals as well as extensive intergovernmental coordination with Palm Beach, Martin and St. Lucie Counties and the Treasure Coast Regional Planning Council. As a planner for Martin County, he was instrumental in implementing natural resource management plans in an effort to balance the demands of growth with the requirements of natural resources.

Mr. Ezzo joined EW Consultants, Inc. in 2001 and has played a pivotal role in providing environmental and natural resource consulting services to both public and private sector clients over the past 13 years. He has successfully managed natural resource-related projects on behalf of numerous clients, including environmental assessments, permitting, mitigation design, natural resource restoration, and monitoring of projects throughout the Treasure Coast region.

His extensive knowledge and experience within the South Florida scientific and regulatory communities have resulted in a wide network of contacts and resources on the federal, state, and local levels. His familiarity of a wide range of habitat assessment methods have allowed him to develop meaningful natural resources management plans and recommendations to a variety of clientele, including those both in the private and public sectors.

In his 13 years with EWC, Mr. Ezzo has worked on over 300 projects ranging from site assessments on quarter-acre lots to determining environmental protocols for 2,000-acre DRI's as well as assisted large land owners in central Florida with agricultural permitting. This experience has allowed Mr. Ezzo the opportunity to work with a multitude of government agencies and thus build relationships with many of those agencies' staff members.



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Tom Montano

Operations Manager – Port St. Lucie

Mr. Montano 4 years of experience in the construction industry and is currently an Engineer in Training.

Education

- Rensselaer Polytechnic Institute, Troy NY
- Bachelor of Science in Civil Engineering Engineer in Training (2006 – 2010)

Certifications

- Engineer In Training
- OSHA30HR
- ACI Concrete Field Technician
- MTA NYC Transit Track Safety Certificate
- NYC DOB 32HR Supported Scaffold Certificate
- Permit Required Confined Space Awareness
- Supported Scaffold User Certificate
- PATH Roadway Worker Protection Certificate
- American Red Cross AED, First Aid, and CPR Certificate
- SWAC Clearance

Training

- Construction Supervisor
- Construction Law Overview
- Concrete Fundamentals
- Waterproofing
- Hot and Cold Weather Concrete
- AGC-Leadership and Motivation
- Construction Fire Safety Manager
- Hayward Baker Ground Improvement Techniques

Career Experience

GFA International, Inc.

Operations Manager (2014 – Present)

- Involved in all aspects of the business including client relations, project management, scheduling, and training

Engineering Consulting Services Florida, LLC

Materials Testing & Inspections Department Manager (2012 – 2014)

- Developed and implemented policies, standards and procedures for the work performed in the field and laboratory
- Responsible for marketing and managing client relations
- Communicated with clients to schedule daily work activities with project managers and superintendents
- Monitored procedures of field and lab technicians to ensure quality

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Donald Moler, P.E.

Senior Geotechnical Engineer

Mr. Moler has over 18 years of civil engineering, geotechnical explorations and construction materials testing experience.

His geotechnical experience includes: explorations and recommendations for foundations, pavements, sub-grade treatments and earthwork considerations for roadways, buildings and miscellaneous structures. Mr. Moler also has experience in field and laboratory testing for asphalt, soil and concrete in accordance with ASTM and AASHTO procedures for various construction projects.

Education

- B.S. in Civil Engineering, University of Texas at Austin, 1996
- B.A. in History, University of Texas at Austin, 1991

Licenses

- Professional Engineer Florida (# 60675)
- Professional Engineer Texas (# 91079)

Select Project Experience

- FDOT I-95 Replacement Bridge Over Northlake Boulevard (Palm Beach County, Florida)
Managed subsurface exploration and drilling, laboratory soil testing, and performed geotechnical engineering evaluation for pile foundation for replacement bridge on I-95 over Northlake Boulevard. Project performed according to FDOT requirements and specifications.
- FDOT I-95 Replacement Bridge Over Holly Drive (Palm Beach County, Florida)
Managed subsurface exploration and drilling, laboratory soil testing, and performed geotechnical engineering evaluation for pile foundation for replacement bridge on I-95 over Holly Drive. Project performed according to FDOT requirements and specifications.
- FDOT I-95 Bridge Structure over Thompson Canal, Palm Beach County, Florida
Managed subsurface exploration and drilling, laboratory soil testing, and performed geotechnical engineering evaluation for pile foundation for culvert bridge structure on I-95 over Thompson Canal. Project performed according to FDOT requirements and specifications.
- Creekside Development (St. Lucie County, Florida)
- Highlands Reserve Development (Palm City, Martin County, Florida)
- Plantation Office Center (Plantation, Broward County, Florida)
- Marina Grande (Riviera Beach, Palm Beach County, Florida)
- Marina Grande (North Miami Beach, Dade County, Florida)
- 500 Brickell (Miami, Dade County, Florida)
- Coconut Grove Residences (Fort Lauderdale, Broward County, Florida)
- FDOT SR A1A Pavement Evaluation from Coconut Drive to Walton Rocks Beach Road (Martin County, Florida)

-
- Managed a certified United States Army Corps of Engineers, FOOT and CMEC certified laboratory
 - Ensured productivity and quality of service
 - Managed and schedule subcontractors
 - Managed special/threshold inspectors performing structural inspections and observations
 - Scheduled all technicians to perform their daily responsibilities and provided necessary training
 - Established scope of work and resources required to successfully complete projects
 - Radiation Safety Officer – training technicians in the responsibilities of radiation safety while tracking technician field performance and radiation exposure
 - Project preparation compaction testing, concrete testing, proctors, LBR, concrete strength testing and various other laboratory and field testing

OHL USA/Judlau Contracting (Manhattan NY)

Replacement of Existing Water Siphons between Staten Island & Brooklyn

Superintendent (2012)

- Responsible for supervising all subcontractors' site activities including Micro tunnels, Tunnel Boring Machine installation, 350,000 fe shaft excavation, slurry wall construction, stair tower installs, groundwater remediation techniques like artesian well installations, and electrical installations
- Directly responsible for constructing warehouses, trenching for electrical conduits, concrete foundation for various buildings and tunneling equipment, trucking of all materials in and out of site, Tunnel Boring Machine concrete plug, plumbing, and various other site maintenance activities
- Ordered all tools, materials, and equipment needed for OHL activities
- Scheduled all daily and weekly work activities
- Laid out all footings and concrete slabs with surveyors
- Interacted with vendors regarding pricing for cost comparatives
- Prepared all takeoffs for all purchases and material orders
- Directly supervised 5-10 laborers and various other trades on daily basis

Seven Stations & Line Rehabilitation

Field Engineer (2011-2012)

- Surveyed three miles of elevated subway structure using articulating manlift to create steel repairs
- Repairs consisted of Canopy Beams, Gusset Plates, Stiffeners, Struts, Sway Braces, Tie in Angles, Top & Bottom Flange Repairs, Cover Plates, Seat Brackets, and Web Repairs.
- Created fabrication and shop drawings using AutoCAD
- Created spreadsheets to track and monitor steel production
- Prepared RFI's regarding steel repairs
- Steel production was increased and brought back to scheduled completion

Rehabilitation of the Culver Line Viaduct

Field Engineer (2011)

- Assisted Project Manager
- Interacted with vendors and subcontractors, regarding price quotes for change order
- Created shop drawings using AutoCAD
- Prepared schedules for forecasting and manpower requirements

North Projection – World Trade Center

Assistant Superintendent (2011)

- Liaison with vendors and subcontractors, regarding pricing
- Planned daily work activities
- Developed Safe Work Plans in accordance to company policy
- Maintained Conformed project documents
- Inspected job on a daily basis with safety engineer
- Coordinated and supervised 10 individuals and their equipment



-
- Performed weekly tool box talks, to discuss any issues and concerns
 - Coordinated timely delivery of all materials
 - Assisted in manpower and work scheduling
 - Managed 25' pit excavation
 - Prepared daily workload and look ahead reports
 - Prepared daily reports and coded all work activities, for accounting
 - Managed and coordinated five subcontractors
 - Prepared Job Hazard Analysis, reported non-compliance to upper management
 - Coordinated work activities with Port Authority, NYSDOT, Con Edison, and other General Contractors on site
 - Tracked and kept records of Time & Material work, for analytical study
 - Used AutoCAD to create logistic and phase planning drawings
 - Ordered material, tools, and equipment

Restoration of Historic Corbin Building

Assistant Superintendent (2010)

- Laid out footings and sub-basement slab
- Worked with Superintendent planning daily work activities
- Created shop drawings using AutoCAD

Flood Mitigation Measures at Four Locations in Brooklyn & Queens

Assistant Superintendent (2010)

- Coordinated crew performing demo, waterproofing, rebar installation, and concrete work
- Coordinated subcontractor installing flood mitigation units
- Scheduled inspections and meetings with DOT and MTA
- Ordered tools and material
- Recorded time sheets and cost codes
- Managed traffic lane closures, work lane rotations and MPT
- Used AutoCAD to create As-Built drawings
- Created quality reports for concrete and rebar inspections



Robert W. Higgins, P.E.
Principal, Higgins Engineering, Inc.



Academic Credentials

- M.S., Water Resource Engineering, University of South Florida, 1976
- B.S., Civil Engineering, University of South Florida, 1975

Registration/Licenses

- Professional Engineer: Florida, 22364

Professional Affiliations

- American Water Resources Association (AWRA)
- Florida Engineering Society (FES)
- National Society of Professional Engineers (NSPE)
- American Society of Civil Engineers (ASCE)
- Water Management Institute (WMI)

Professional Activities/Awards

- Florida Engineering Society (FES) - President 2010 to 2011
- FES - Vice President, 1996 to 1999
- Water Management Institute- President & Founding Member- Board of Directors - 1993 to present
- AWRA Florida Section - Board of Directors, 1985 to present
- AWRA Florida Section President, 2006
- Palm Beach County Groundwater & Natural Resources Protection Board, 1985 to 2007
- FES President's Award - 1994
- FES President's Award - 1993
- Palm Beach Chapter FES Engineer of the Year - 1991
- South Florida Section ASCE Engineer of the Year - 1990-91
- Palm Beach Chapter ASCE Engineer of the Year - 1990

Mr. Higgins, a licensed Professional Engineer in Florida, has 36 years experience in water resource engineering. He has been involved at various levels from design engineer to principal/project manager for various multi-disciplined projects throughout the State. In 1984, he established his own engineering firm, Higgins Engineering, Inc. in West Palm Beach, Florida which specializes in water resource engineering, surface water management, groundwater, land development, drainage and permitting.

Representative Projects Include

Toll Brothers, Jupiter Country Club

Water Management Design, Hydraulic Analysis, SFWMD permitting and on-going construction observation of a 500-acre golf/residential development in Palm Beach County. Construction design of surface water management system, construction design of spine road and rough grading for residential pods. The water management system includes a gated structure which allows water to be directed into Riverbend Park, which is owned by the SFWMD. Obtained Town of Jupiter approvals for water management system. Higgins Engineering, Inc. has worked as construction managers in Jupiter Country Club for lake interconnect culverts, installation of headwalls and installation of 60" culverts for project outfalls.

Minto Communities, Portosol, a.k.a. Okeechobee Lakes

Construction design and permitting of a water management system for a 250 acre residential development in Palm Beach County. The system is designed to provide water quality treatment and attenuation of the peak runoff rate. During off peak times, the water management system will accept flows from the Pond Cypress Natural area through a gated structure.

WCI Communities, Inc., SFWMD C-18 Canal Widening

Widening of the north portion of the SFWMD C-18 canal, and permitting and construction inspection services. Higgins Engineering, Inc. has served as project construction managers overseeing projects with canal excavation, providing construction management services for reshaping and spoil removal of the C-18 canal from the Florida Turnpike west 1.25 miles along Parcel 19.

District Engineer, Various Water Control Districts

Serves as District Engineer for the Hobe St. Lucie Water Control District, Palmar Water Control District, and Pine Tree Water Control District. Services include General Engineering, Design Analysis, Review, Compliance, and Public Representation.

WCI Communities, Inc., Old Palm Golf Course

Design of water management system for a residential/golf course development in Palm Beach County. The project also involved the hydraulic modeling of the Northern Palm Beach County Unit of Development 2, revising basin alignments, re-evaluating the control elevations and relocation and improvement of water control structures, specifically Structure W-10, to increase flood protection and conserve resources.

S. Jordan Nichols, P.E.

Project Engineer, Higgins Engineering, Inc.



Academic Credentials

B.S., Engineering and Management,
Clarkson University, 1978

Registration/Licenses

- Professional Engineer: Florida #38763
- Professional Engineer: North Carolina,

Professional Affiliations

- Florida Engineering Society (FES)
- National Society of Professional Engineers (NSPE)

Professional Activities/Awards

- Vice Chairman, Palm Beach County Environmental Control Hearing Board, 1991-2002
- Member, Lantana Nature Preserve Commission, 2002-present

Mr. Nichols, a licensed Professional Engineer in Florida, has been a member of the Higgins Engineering, Inc. team for over 20 years. He has over 30 years of water resource engineering experience in both public and private sectors. Specific project experience includes but is not limited to: purchase and project feasibility studies, water resource studies, design, permitting and construction observation of land development projects and environmental assessments

Representative Projects Include

Minto Communities, Madison Green

Water management system design and permitting for a mixed use development located in the Village of Royal Palm Beach. Project included wetland mitigation and the design and permitting of a stormwater management system to service the 500 acre project which discharges into the M-1 canal.

Village of Wellington, Wellington Basin B

Hydraulic modeling of Basin B and revisions to water control structures, culverts and pump stations to re-route the flow from Wellington Basin B to Basin A.

Palm Beach County Capital Improvements, South County Regional Park

Surface and groundwater analyses in support of the water use permitting effort for a 27-hole golf course to be located in Southern Palm Beach County. The evaluation included the application of the USGS mudflow model to evaluate drawdown impacts for both irrigation and dewatering withdrawals.

Pine Tree Water Control District, Updated Design Criteria Establishment

Review and establishment of revised water management design criteria.

Palm Beach County DERM, Winding Waters Natural Area

A 170-acre wetland restoration project, services included design of surface water management system and analysis of existing groundwater modeling and interaction with the adjacent Dyer Park landfill.

Minto Communities, Portosol, a.k.a. Okeechobee Lakes

Construction design and permitting of a water management system for a 250 acre residential development in Palm Beach County. The system is designed to provide water quality treatment and attenuation of the peak runoff rate. During off peak times, the water management system will accept flows from the Pond Cypress Natural area through a gated structure.



MICHAEL HOUSTON, AICP, RLA
31 East Ocean Boulevard
Stuart, FL 34994
772.678.7200
www.hjadesignstudio.com

PROFESSIONAL REGISTRATIONS

1983 Registered Landscape Architect, State of Florida; 1993 American Institute of Certified Planners

EDUCATION

Bachelor of Landscape Architecture, 1981, Louisiana State University

EXPERIENCE

HJA Design Studio, LLC (HJA) - President

Stuart, Florida

With thirty years of experience in the broad field of Landscape Architecture, Mr. Houston founded HJA Design Studio, LLC (HJA) with the goal of providing the firm's clients with a level of design and planning expertise comparable to the best Landscape Architectural firms in the U.S. The firm's projects are as diverse as Martin County's first planned corporate and marine commerce park to Cairo Egypt's newest and most sophisticated new town located within view of the Great Pyramids. The firm is driven to help its clients achieve their vision with creativity and a focus on sustainable development principles with a collaborative approach to problem solving.

Houston Cuozzo Group, Inc. (HCG) – Co-Founder, Principal 1993 to 2010

Stuart, Florida

Michael co-founded Houston Cuozzo Group along with Don Cuozzo in late 1993. Over sixteen years, the firm became one of the leading planning and design firms in southeast Florida. The firm's clients included some of the largest homebuilders in the U.S., as well as boutique developers and local governments. The firm won numerous awards for both planning and design work and was considered a leader in sustainable community design.

RELEVANT EXPERIENCE

10th Street Community Park
Eastern Watershed Improvement Plan
Gezira Sports Club, 6th October City, Egypt
New Giza, 6th October City, Egypt
Martin County Capital Projects
Vero Beach Hotel & Club
Liberty Medical Corporate Campus
SR 76 / Cove Road, Martin County, FL
Leighton Park, Palm City, FL
Big Mound Park, Indiantown, FL
Sandsprit Park
Jensen Beach CRA
36th Street / Indian Street Bridge Corridor Plan

CLIENT

City of Stuart
City of Port St. Lucie
Gezira Sporting Club
New Giza Real Estate Development
Martin County BOCC
Heaton Companies
Liberty Medical, Inc.
Martin County Board of County Commissioners
Martin County Parks Department
Martin County Parks Department
Martin County Parks Department
Martin County BOCC
Martin County BOCC

PROFESSIONAL AFFILIATIONS

American Planning Association; American Institute of Certified Planners; American Society of Landscape Architects; Association of Eminent Domain Professionals; Urban Land Institute

AWARDS

Salerno Creek Retrofit, Martin County, FL - Florida Engineering Society; Loxahatchee Club, Jupiter, FL – Florida Builders Association; Vero Beach Hotel & Club, Vero Beach, FL – Florida Chapter, American Society of Landscape Architects



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
02/17/2014

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 Klein Agency, LLC. P.O. Box 219 Timonium MD 21094	CONTACT NAME: PHONE (A/C No. Ext): (410) 832-7600 FAX (A/C No): (410) 832-1849 E-MAIL ADDRESS: INSURER(S) AFFORDING COVERAGE INSURER A: Fireman's Fund Ins. Co. INSURER B: American Automobile Ins. Co. INSURER C: The Cincinnati Insurance Co. INSURER D: Travelers Casualty & Surety Co. INSURER E: RLI Insurance Company INSURER F:
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COVERAGES CERTIFICATE NUMBER: 13-14 All 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	GENERAL LIABILITY					EACH OCCURRENCE \$ 2,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY		AZC80891851	10/6/2013	10/6/2014	DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR	MED EXP (Any one person) \$ 10,000				
	<input checked="" type="checkbox"/> Contractual Liability	PERSONAL & ADV INJURY \$ 2,000,000				
GEN'L AGGREGATE LIMIT APPLIES PER:	GENERAL AGGREGATE \$ 4,000,000					
	POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC					PRODUCTS - COM/PROP AGG \$ 4,000,000
B	AUTOMOBILE LIABILITY					COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO		MZA80300496 State of VA MZA80300497 Other States	10/6/2013	10/6/2014	BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS				BODILY INJURY (Per accident) \$
	<input checked="" type="checkbox"/> HIRED AUTOS	<input checked="" type="checkbox"/> NON-OWNED AUTOS				PROPERTY DAMAGE (Per accident) \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB	<input checked="" type="checkbox"/> OCCUR				EACH OCCURRENCE \$ 15,000,000
	<input type="checkbox"/> EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE	(Follows Form)			AGGREGATE \$ 15,000,000
	<input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$		EUP0042775	10/6/2013	10/6/2014	
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY					<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N <input checked="" type="checkbox"/> N	N/A			E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below		UB-4201T072	10/6/2013	10/6/2014	E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
						E.L. DISEASE - POLICY LIMIT \$ 1,000,000
E	Professional Liability		RDP0012352	10/6/2013	10/6/2014	Each Claim \$ 5,000,000
						Aggregate \$ 5,000,000

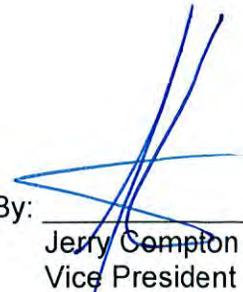
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
See Attachment for specific additional insured wording.

CERTIFICATE HOLDER For Proposal Purposes	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 Justin Klein/MBOWER
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“The respondent warrants that he or she has not employed or retained any company or person, other than a bona fide employee working solely for the respondent to solicit or secure this agreement and that he or she has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the respondent any fee, commission, percentage, gift, or other consideration contingent upon or resulting from award or making of this agreement.”

“The respondent certifies, and in the case of a joint proposal, each party thereto certifies as to its own organization, that in connection with this solicitation the information provided has been arrived at independently, without consultation, communication, or agreement with any other respondent or with any competitor for the purpose of restricting competition, or in any other way influencing the competitive arena.”

Bowman Consulting Group Ltd discloses that there is no potential conflict of interest, real or apparent, that the Respondent, employee, officer, or agent of the firm may have due to ownership, other clients, contracts or interests associated with this project.

By: 
Jerry Compton
Vice President

Sworn to and subscribed before me on this 18th day of June, 2014 by Jerry Compton who is personally known to me or who has presented the following type of identification N/A.




Signature of Notary Public, State of Florida

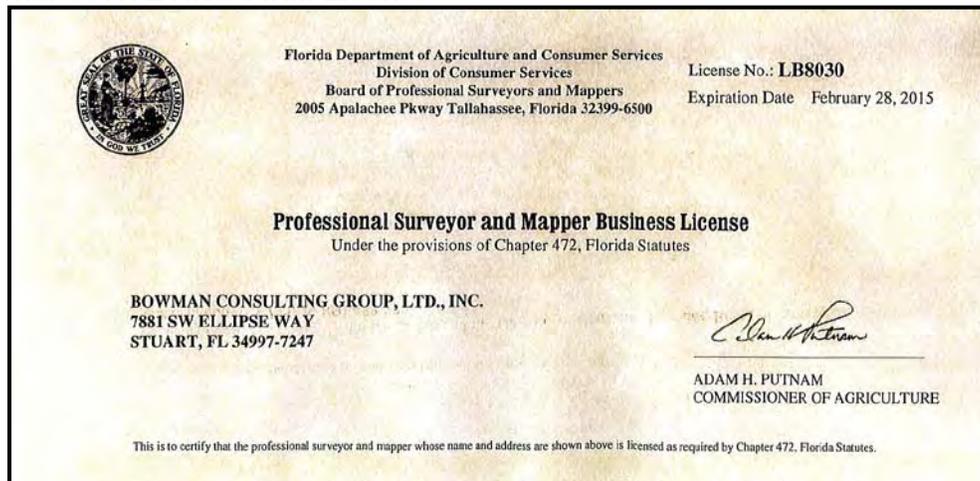
Bowman Consulting Group, Ltd., Inc.
State of Charter, Department of State



Bowman Consulting Group Ltd. Inc.
Professional ENGINEERING FIRM License



Bowman Consulting Group, Ltd., Inc.
Professional SURVEYING FIRM License





City of Stuart

121 S.W. Flagler Avenue • Stuart • Florida 34994
Telephone (772) 288-5320

Department of Financial Services

Procurement & Contracting Services Division
Charles T. Iverson, Procurement Manager

Fax: (772) 600-1202
tiverson@ci.stuart.fl.us

Date: June 5, 2014, 2014
To: All Prospective Proposers
Subj: Addendum #1 to RFP #2014-146, Professional Engineering Services

ADDENDUM #1

This addendum is issued to expand the scope of services for this project:

To Section II, Scope of Service add item T:

- T. Preparation of design studies, design plans and design specifications for water distribution, wastewater collection, and reclaimed water systems, specific water and wastewater process control evaluations and reports, and other related water, wastewater, and reclaimed water projects.

This Addendum must be acknowledged, signed and returned with your proposal. Failure to comply may result in disqualification of your proposal.

Sincerely,

Charles T. Iverson
Purchasing Manager
City of Stuart, Florida

Acknowledgement is hereby made of Addendum #1 to RFP #2014-146, Professional Engineering Services.

Signature

June 10, 2014

Date

Bowman Consulting Group Ltd
Firm

EXHIBIT B

“ORIGINAL REQUEST FOR PROPOSAL AS ISSUED BY CITY”



City of Stuart

121 S.W. Flagler Avenue • Stuart • Florida 34994
Telephone (772) 288-5320

Department of Financial Services

Procurement & Contracting Services Division
Charles T. Iverson, Procurement Manager

Fax: (772) 600-1202
tiverson@ci.stuart.fl.us

LEGAL NOTICE FOR REI #2014-146

PROFESSIONAL CIVIL ENGINEERING SERVICES

The Stuart City Commission, Stuart, Florida, in compliance with Florida Statute 287.055, Consultants' Competitive Negotiation Act (CCNA), invites Expressions of Interest from qualified, experienced, licensed civil engineers to provide Civil Engineering Services to the City of Stuart.

Description: The intent of this solicitation is to select the most highly qualified firm(s) to provide Professional Civil Engineering services to the City of Stuart on an "as needed" basis, for an initial contract award period of one (1) year and two one year renewals. Total contract period shall not exceed three years.

Submittal information and response format may be obtained at no charge by contacting the City of Stuart Procurement & Contracting Services Office located at 121 SW Flagler Avenue, Stuart, Florida, by email at tiverson@ci.stuart.fl.us, by calling (772) 288-5320, or by accessing DemandStar by Onvia at <http://www.demandstar.com>.

Firms desiring to provide the Civil Engineering Services described above shall submit one (1) original, marked "ORIGINAL", six (6) copies, each marked "COPY", and one (1) electronic copy on a CD, PDF format preferred, of their proposals, containing all of the requested qualification data by **2:30 pm, Wednesday, June 18, 2014.** Submittals will be accepted by hand delivery, overnight delivery or U.S. mail in the Procurement Division Office, Stuart City Hall, 121 SW Flagler Avenue, Stuart, Florida 34994. Submittals received after that date and time will not be accepted or considered and will be retained in the Procurement Office unopened. Timely submittals will be opened as soon as practicable thereafter in the City Hall, First Floor Conference room, 121 SW Flagler Avenue, Stuart, Florida. Questions concerning this REI will be taken until 5:00 pm, Wednesday, June 11, 2014.

In compliance with the Americans with Disabilities Act (ADA), anyone desiring to attend this proposal opening who needs a special accommodation should contact the City's ADA coordinator at 772-288-5306 or TDD at 772-288-5302 at least 48 hours in advance of the meeting, excluding Saturday and Sunday.

Mail/Overnight or Hand Deliver Proposals to:

**Stuart City Hall
Purchasing Division
121 S.W. Flagler Avenue
Stuart, Florida 34994**

Mark outside of envelope: REI #2014-146 "Professional Civil Engineering Services"

Publish Date: June 2, 2014

Stuart City Commission
City of Stuart, Florida
Terry Iverson, Procurement Manager

REI #2014-146, Professional Civil Engineering Services

I. General

The City of Stuart is seeking qualified, experienced, licensed civil engineers to provide Professional Civil Engineering services to the City of Stuart on an "as needed basis". The final negotiated contract will be a term agreement for an initial one (1) year period with the option of two (2) additional one (1) year renewals, upon the mutual agreement of the parties. At the option of the City, and upon the agreement of the Professional, this Contract may be converted to or replaced at any time with a "Continuing Services Contract" as that term is defined in Section 287.055, et seq, Florida Statutes, Consultant's Competitive Negotiating Act (CCNA).

II. Scope of Services

The individual or firm retained to provide Professional Civil Engineering services shall work with the City Public Works Director or other City staff in advising the City and the City Commission regarding Civil Engineering services. A general description of the scope of professional services required is, but not limited to, the following:

- A. Preparation of roadway location or alignment studies
- B. Preparation of roadway design
- C. Preparation of land acquisition documents
- D. Preparation of a hydrologic & hydraulic studies
- E. Preparation of storm drainage system design
- F. Preparation of new or retrofit storm water management design
- G. Preparation of floodplain studies
- H. Preparation and procurement of requisite environmental permits
- I. Performance of traffic counts
- J. Preparation of traffic studies and analysis
- K. Preparation of maintenance of traffic design
- L. Preparation of structural studies and design for bridges, culverts and retaining walls
- M. Preparation of construction documents
- N. Preparation of cost estimates
- O. Preparation of Construction Plans for Waterfront and Marine Facilities (docks, seawalls, river walks, upland support facilities)
- P. Presentation to the Commission, staff, and the public of reports, plans, and exhibits
- Q. Preparation of as-built plans
- R. Review of plans, specifications and estimates developed by others
- S. Other customary Professional Civil Engineering Services

Contact Person: Questions or requests for additional information shall be directed to Terry Iverson, Procurement & Contracting Services Manager at (772) 288-5320, fax (772) 600-1202, or e-mail: tiverson@ci.stuart.fl.us. All questions and contacts must be made through the Procurement & Contracting Services Office. Attempts to lobby or persuade through other channels will result in disqualification.

III. Selection Criteria

The selection criteria will include the following:

- A. Task Approach: Outline of proposed manner in which scope of work will be addressed.

Approach shall demonstrate firm's capability to work within the City's budget and time constraints. Describe all quality control implementation procedures, sub-consultant supervision, contract compliance and enforcement of industry standards. Comment on firm's project schedules and budgets. Discuss ways to maintain schedules and ways to recover. Discuss cost control and value engineering. Describe any project management systems used to track and control project issues. Describe the communication procedures to be employed throughout the contract term and the plan to establish and maintain clear lines of communication with the City's Project Manager and City staff. **(30 pts)**

- B. Past Performance: Working relationships with the City of Stuart and other Florida municipalities and public entities. Include references and contact information. **(30 pts)**
- C. Familiarity: Familiarity with local conditions or an explanation of the firm's approach to become familiar quickly with local conditions. **(30 pts)**
- D. Professional Qualifications: Firm's and specific individuals' relevant experience and expertise of at least five (5) years with other Florida municipalities and public entities. A demonstrated thorough understanding of the concepts, principles, and procedures of Civil Engineering services and its applicability to the City. **(10 pts)**

SUBMITTAL REQUIREMENTS: Firms interested in providing the required professional services shall submit one (1) original, marked "**ORIGINAL**", six (6) copies, each marked "**COPY**", and **one (1) electronic copy (PDF format preferred) on a CD** of the requested qualification data for evaluation. Submittals shall be clear, concise, indexed by subject, typed on letter size paper, and individually bound. Submittals shall be mailed or delivered in a sealed package clearly marked on the outside with the project name, solicitation number, and due date. Packages must be received in the City of Stuart Procurement & Contracting Services Office by the advertised deadline.

Each respondent should ensure that they have received any/all addenda and amendments to this REI **before** submitting their proposal. Respondents may check for any addenda by calling (772) 288-5320, via the City's website: www.cityofstuart.com, or by accessing DemandStar by Onvia at <http://www.demandstar.com>. All addenda issued pursuant to this solicitation must be acknowledged and submitted as part of the proposal package. Failure to acknowledge addenda may result in the proposal being determined non-responsive.

Delivery of a package to any City location other than the Procurement & Contracting Services Office does not constitute official receipt by the City. Any package delivered after the advertised deadline will not be considered.

IV. Proposal Format

Proposals shall include the following information:

A Transmittal Letter will summarize in a brief and concise manner the professional's understanding of the scope of work and make a positive commitment to perform the work in a timely manner, within budgetary requirements. An agent authorized to contractually bind the firm must sign the Letter of Transmittal indicating the agent's title or authority. This signature shall certify the veracity of the contents of the submittal and bind the firm to the firm's offer to provide services addressed in the response to the City of Stuart's Request for Expressions of Interest. The transmittal letter shall not exceed two pages in length.

Tab 1: Task Approach

Provide an outline of proposed manner in which a scope of work will be addressed and the manner in which the approach shall demonstrate the firm’s capability to work within the City’s budget and time constraints. Describe all quality control implementation procedures, sub-consultant supervision, contract compliance and enforcement of industry standards. Comment on firm’s project schedules, budgets and adherence to those items. Discuss ways to maintain schedules and ways to recover. Discuss cost control and value engineering. Describe any project management systems used to track and control project issues. Describe the communication procedures to be employed throughout the contract term and the plan to establish and maintain clear lines of communication with the City Project Manager and City staff.

Tab 2: Past Performance in similar activities in Florida.

Provide a list of projects of similar nature within the past three years. Title and brief description of each project shall include:

- Client (contact person, address, telephone number)
- Year completed
- Nature of work involved in each project
- Total Value of the Project

Tab 3: Familiarity:

Provide a description of the firm’s familiarity with local conditions, community goals, etc., or provide a plan that outlines an explanation of the firm’s approach to become familiar quickly with local conditions, community goals, etc.

Tab 4: Qualification Data

Firms shall provide a brief profile of their company, which should include their history, locations of their corporate and satellite offices, location of their project team, corporate structure, ownership interest, and the length of company's existence. The firms shall also submit an organizational chart, staff qualifications, and experience of the firm. Resumes of proposed key personnel (name, company address, phone number, e-mail address) that will be assigned to this project shall include job skills, education, training, experience and professional affiliations/membership. All proposed sub-consultants shall be identified, and the working relationship between the respondent and the sub-consultant shall be explained. Sub-consultants shall also provide key personnel resumes. Standard forms 254 & 255 or OMB Standard Form 330 may be submitted. Provide a list of disciplines offered by the firm (i.e. mechanical, electrical, hydrogeologic, land surveying, etc.).

The firm shall provide sufficient competent and qualified personnel to effectively carry out its responsibilities under the Master Agreement. The firm shall utilize only competent personnel who are qualified by experience and education. The firm may not make changes in the personnel working on activities pursuant to the Master Agreement without written concurrence of the City.

Tab 5: Insurance

Provide a statement agreeing to obtain (prior to award) Professional Liability Insurance with coverages as detailed herein. A certificate of insurance indicating that the firm has coverage in accordance with the requirements herein set forth may be furnished by the firm to the City along with their qualification data.

A properly completed Accord Form is preferable. The City of Stuart named as additional insured for General Liability shall be required **prior to entering into a contract.**

The Firm shall either cover any sub-consultants on its policy or require the sub-consultants to conform to all requirements for insurance contained herein.

Tab 6: Prohibition against Contingent Fees/Non-Collusion/Conflict of Interest Disclosure Statements

In accordance with Florida Statute 287.055(6)(a), the following statement must be included in each submittal:

“The respondent warrants that he or she has not employed or retained any company or person, other than a bona fide employee working solely for the respondent to solicit or secure this agreement and that he or she has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the respondent any fee, commission, percentage, gift, or other consideration contingent upon or resulting from award or making of this agreement.”

Include the following Statement of Non-Collusion:

“The respondent certifies, and in the case of a joint proposal, each party thereto certifies as to its own organization, that in connection with this solicitation the information provided has been arrived at independently, without consultation, communication, or agreement with any other respondent or with any competitor for the purpose of restricting competition, or in any other way influencing the competitive arena.”

Include a disclosure statement advising the City of any potential conflict of interest, real or apparent, that the Respondent, employee, officer, or agent of the firm may have due to ownership, other clients, contracts or interests associated with this project. Signature on the transmittal letter shall certify the veracity of these statements.

Tab 7: Other Information

Provide any information pertinent to this project that will provide insight to the evaluators about the qualifications, fitness and abilities of the Respondent (please limit this information to two pages).

Tab 8: Addenda (if applicable)

All addenda issued pursuant to this solicitation must be acknowledged and submitted as part of the proposal package.

Confidential Materials

The City of Stuart, Florida, is governed by the Public Record Law, Chapter 119, Florida Statutes (F.S.). Only trade secrets as defined in Section 812.081(1)(c), F.S. or financial statements required by the City for road or public works projects as defined in 119.07(6)(t), F.S. (hereinafter “Confidential Materials”), may be exempt from disclosure. If a respondent submits Confidential Materials, the information **must be segregated** and each pertinent page must be clearly labeled “confidential” or “trade secret.”

The City of Stuart gives no assurance as to the confidentiality of any portion of the response once submitted. It is the responsibility of the respondent to seek counsel and determine applicability of the statute to their particular circumstances prior to submittal of their package.

V. Evaluation of Proposals

Proposals will be reviewed and evaluated for qualifications to perform the services required, by a Selection Committee which shall consist of City staff. The Selection Committee will make a recommendation for award to the City Commission. The City of Stuart reserves the right to select the most qualified individuals/firms solely from review of the packages submitted and request authorization to negotiate an agreement with the highest ranked individual/firm; or to interview the most qualified proposers prior to requesting authorization to negotiate an agreement with the highest ranked firm(s). Individuals/firms will be notified in writing if they are selected for interview. Notices for interviews will contain explicit instructions concerning location, date, time and length of interviews.

The City of Stuart reserves the right to request clarification on information submitted and to request additional information from one or more firms.

VI. Terms and Conditions

All prospective professionals are hereby cautioned not to contact any member of the Stuart City Commission, the City Manager, the City Attorney (except to discuss grievance matters) or any member of the selection committee. All questions and contacts must be made through the Purchasing Office. Attempts to lobby or persuade through other channels will result in disqualification.

Any actual or prospective professional who disputes the reasonableness, necessity or competitiveness of the terms and conditions of this request for proposals; selection or award recommendation shall file such dispute in writing with the City Manager, prior to the proposal closing date and time, as to the terms and conditions, and within ten (10) days of Commission action as to the selection or award recommendation.

The City reserves the right to reject any or all proposals without recourse, to waive technicalities and informalities or to accept the proposal(s) which in its sole judgment best serves the interest of the City.

As required by FS Section 287.133; "A person or affiliate who has been placed on the convicted vendor list following conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or a Professional under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount as stated in FS Section 287.017, for Category Two, for a period of thirty six months from the date of being placed on the convicted vendor list." Questions regarding this statement should be directed to the State of Florida, Bureau of State Procurement (904) 488-8131.

This invitation does not commit the City to award a contract. Nor shall the City be responsible for any cost or expense incurred by any respondent in preparing and submitting a reply, nor for any cost or expense incurred by any respondent prior to the execution of an agreement. The City reserves the right to require any or all respondents to appear for interviews and/or oral presentations at no cost to the City.

VII. Proposed Agreement

The successful professional shall serve at the pleasure of the City Commission. Please review the attached agreement and note any objections, or revisions that would be required by the professional within the submittal. Should no revisions be noted, the City will assume and the professional agrees that the terms and conditions of agreement are acceptable. The proposed Agreement does not authorize the performance of any work or require the City to place orders for work. The City makes no covenant or promise as to the number of available projects or that the firm shall perform any project for the City during the life of the Master Agreement.

VIII. Forms/Attachments

Attachment A: Standard Master Agreement

Attachment B: Sample Project Authorization

ATTACHMENT A

**PROPOSED AGREEMENT FOR CIVIL ENGINEERING SERVICES
BETWEEN
CITY OF STUART AND PROFESSIONAL**

PROJECT: Civil Engineering Services

PROFESSIONAL: _____

AGREEMENT FOR PROFESSIONAL SERVICES

THIS AGREEMENT, hereinafter "Contract," made and entered into the ____ day of _____, 2007 by and between _____, hereinafter referred to as "Professional" and the City of Stuart, Florida, a municipal corporation, 121 S.W. Flagler Avenue, Stuart, Florida 34994, hereinafter referred to as "City", for and in consideration of the following terms, conditions and covenants.

I. PURPOSE OF AGREEMENT

City intends to enter into a contract with Professional for provision of Civil Engineering services by the Professional and the payment for those services by City as set forth below.

II. SCOPE OF SERVICES

The Professional shall provide professional Civil Engineering services in all phases of any project for which a WORK AUTHORIZATION has been issued by the City pursuant to this Agreement as hereinafter provided. These services will include serving as City's professional consulting representative for the Project, providing professional consulting consultation and advice and furnishing customary Civil Engineering services and customary services incidental thereto as described in the Work Authorization. The detailed scope of services to be performed and schedule of fees for those services shall be detailed in each Work Authorization.

Section 1. Scope of Service

Professional shall work with the City Public Works Director, City Attorney, City Manager, or other City staff in advising the City and the City Commission regarding Civil Engineering services. The services will be those customarily attendant to Civil Engineering services including, but not limited to the following:

- A. Preparation of roadway location or alignment studies
- B. Preparation of roadway design
- C. Preparation of land acquisition documents
- D. Preparation of a hydrologic & hydraulic studies
- E. Preparation of storm drainage system design

- F. Preparation of new or retrofit storm water management design
- G. Preparation of floodplain studies
- H. Preparation and procurement of requisite environmental permits
- I. Performance of traffic counts
- J. Preparation of traffic studies and analysis
- K. Preparation of maintenance of traffic design
- L. Preparation of structural studies and design for bridges, culverts and retaining walls
- M. Preparation of construction documents
- N. Preparation of cost estimates
- O. Preparation of Construction Plans for Waterfront and Marine Facilities (docks, seawalls, river walks, upland support facilities)
- P. Presentation to the Commission, staff, and the public of reports, plans, and exhibits
- Q. Preparation of as-built plans
- R. Review of plans, specifications and estimates developed by others
- S. Other customary Professional Civil Engineering Services

III. AGREEMENT PROVISIONS

Section 1. Period of Service

1.1 Term of Agreement

Upon award of this Agreement, the effective date of this Agreement shall be the date of execution of this Agreement by both City and Professional. Term of this agreement shall be for an initial period of one (1) year with the option of two (2) additional one-year renewal periods, upon the mutual agreement of the parties. At the option of the City, and upon the agreement of the Professional, this Contract may be converted to or replaced at any time with a "Continuing Services Contract" as that term is used in Section 287.055, et seq, Florida Statutes (CCNA).

1.2 Work Authorization

Each "Work Authorization" shall specify the Period of Service agreed to by the City and the Professional for services to be rendered under said "Work Authorization".

Section 2. Compensation and Method of Payment

2.1 Fee Schedule

CITY will compensate Professional for services under each Work Authorization. The fee due to the Professional shall be set forth in each Work Authorization and shall be in accordance with Professional's personnel hourly rate schedule formalized in "Exhibit C" to this Agreement. Professional's personnel hourly rate schedule may be updated annually prior to each optional renewal period.

2.2 Invoices

Professional shall submit monthly invoices to the City no later than the last day of the month for work accomplished under this Contract. Each invoice shall be detailed and include, but not be limited to, hours worked by each person assigned to the Project, date worked and all ancillary expenses incurred and by whom.

2.3 Payment

Payment for services rendered is due within thirty days of receipt and approval of invoice by City. Payment is delinquent 30 days following receipt and approval of invoice by City.

Section 3. Reimbursable Expenses

Professional shall be reimbursed only for approved out pocket expenses directly chargeable to the Project, at actual cost incurred. Reimbursable expenses will include travel, lodging and meals when traveling at the City's request and on the City's behalf. These expenses shall conform to rates and allowances set forth in Florida State Statute, Sec 112.061, regarding per diem and traveling expenses. Identifiable communication expenses, reproduction costs, and special accounting expenses not applicable to general overhead shall be reimbursed at actual cost.

Section 4. Additional Services

4.1 Requests for Additional Services

The undertaking by the Professional to perform professional services defined within this Contract extends only to those services specifically described herein. If upon the request of the City, the Professional agrees to perform additional services hereunder, the City shall pay the Professional for the performance of such additional services an amount (in addition to all other amounts payable under this Agreement) based on an hourly fee in accordance with Professional's current personnel fee schedule, plus reimbursable expenses so incurred by the Professional; unless a lump sum addendum to this Contract is executed by the parties to this Contract which addresses the additional services.

4.2 Changes in Scope/Conditions

Additional Services shall include revisions to work previously performed that are required because of a change in the data or criteria furnished to the Professional, or a change in the scope of concept of the Project initiated by the City, or services that are required by changes in the requirements of public agencies, after work under this Contract has commenced.

Section 5. Use of Documents

5.1 Ownership of Original Documents

All deliverable analyses, reference data, survey data, plans and reports or any other form of written instrument or document that may result from the Professional's services or have been created during the course of the Professional's performance under this Contract shall become the property of and shall be delivered to the City after final payment is made to the Professional.

Section 6. Termination

6.1 Termination for Convenience

Either party upon a seven (7) day written notice to the other party may terminate this Contract. In the event of any termination, Professional shall be paid for all services rendered to the date of termination including all reimbursable expenses.

Section 7. CITY's Obligations

7.1 Data to be Furnished

The CITY shall provide Professional with all data, studies, surveys, plats and all other pertinent information concerning the Project in the possession of the CITY upon request.

7.2 Designated Representative

The Designated Representative of the City to act with authority on the City's behalf with respect to all aspects of the Project shall be identified in each Project Authorization.

Section 8. Persons Bound by Agreement

8.1 Parties to the Agreement

The persons bound by this Contract are the Professional and the City and their respective partners, successors, heirs, executors, administrators, assigns and other legal representative.

8.2 Assignment of Interest in Agreement

This Contract and any interest associated with this Contract may not be assigned, sublet or transferred by either party without the prior written consent of the other party. Nothing contained herein shall be construed to prevent Professional from employing such independent Professionals, associates and subcontractors as Professional may deem appropriate to assist in the performance of the services hereunder.

8.3 Rights and Benefits

Nothing herein shall be construed to give any rights or benefits arising from this Contract to anyone other than Professional and the City.

Section 9. Indemnification of City

Professional shall to the fullest extent allowed by law, defend, indemnify and hold harmless the CITY, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the Professional and other persons employed or utilized by the Professional in the performance of the contract. Specific consideration for this indemnity is \$10.00, the receipt and sufficiency of which are hereby acknowledged by Professional.

Professional shall obtain, maintain and pay for general liability insurance coverage to insure the provisions of this paragraph.

Section 10. Insurance.

10.1. Workers' Compensation

The Professional shall procure and maintain, during the life of this Contract, Worker's Compensation insurance as required by Florida Statutes, Chapter 440 for all of employees of the Professional engaged in work on the Project under this Contract.

10.2 Insurance Policy Limits

Professional shall procure and maintain insurance policies with at least the following coverage and amounts, during the life of this contract:

10.2.1 **General Liability Insurance.** In a combined single limit of \$1,000,000.00 per occurrence, \$2,000,000.00 aggregate.

10.2.2 **Automobile Liability Insurance.** In a combined single limit of \$250,000.00 each occurrence.

10.2.3 **Professional Liability or Errors and Omissions Insurance.** In a combined single limit of \$1,000,000.00 aggregate.

10.3 Insurance Cancellation

The Professional shall furnish to the City Certificates of Insurance allowing thirty (30) days notice for any change, cancellation, or non-renewal. If the insurance policies expire during the terms of the Contract, a renewal certificate or binder shall be filed with the City fifteen (15) days prior to the renewal date.

10.4 City to be Named Additional Insured

The plans and specifications and other contract documents to be prepared by Professional pursuant to this Contract shall require the insurance of liability of the person, firm or corporation which would, as contractor, perform the work described in such plans and specifications. The amounts of insurance shall be determined by the City. The City shall be named as "additional insured" with regard to the coverage of such policies of insurance.

10.5 Status of Claim.

The Professional shall be responsible for keeping the City currently advised as to the status of any claims made for damages against the Professional resulting from services performed under this Contract. The Professional shall send notice of claims related to work under this Contract to the City. Copies of the notices shall be sent by fax, hand delivery or regular mail to:

City Manager, City of Stuart
121 S.W. Flagler Avenue
Stuart, Florida 34994
FAX: (772) 288-5316

Section 11. Professional Standards

11.1 Other Agreements

THIS SECTION NOT USED.

11.2 Approvals Not Guaranteed

All work performed by Professional will be in accordance with the highest professional standards and in accordance with all applicable governmental regulations. However, Professional does not warrant or represent that any governmental approval will be obtained, only that the Professional will exercise its best efforts to obtain all such approvals contemplated under this Contract.

11.3 Governmental Regulations

Professional shall assure that work performed under each Project Authorization shall be in accordance with all applicable governmental regulations.

Section 12. Opinions of Cost

Since the Professional has no control over the cost of labor, materials, equipment or services furnished by others, or over methods of determining prices, or over competitive bidding, or market conditions, any and all opinions as to costs rendered hereunder shall be made on the basis of its experience and qualifications and represent its best judgment as an experienced and qualified Professional, familiar with the current market. The Professional cannot and does not guarantee that proposals, bids or actual costs will not vary from opinions of probable cost. If at any time the City wishes greater assurance as to the amount of any cost, the City shall employ an independent cost estimator to make such determination. Consulting services required to bring cost within any limitation established by the City will be paid for as additional services hereunder by the City.

Section 13. General Conditions

13.1 Venue in Martin County

Venue for any lawsuit to enforce the terms and obligations of this Contract shall lie exclusively in the County Court or the Circuit Court in and for Martin County, Florida.

13.2 Laws of Florida

The validity, interpretation, construction, and effect of this Contract shall be in accordance with and governed by the laws of the State of Florida.

13.3 Attorney's Fees and Costs

In the event the Professional defaults in the performance of any of the terms, covenants and conditions of this Contract, the Professional agrees to pay all damages and costs incurred by the CITY in the enforcement of this Contract, including reasonable attorney's fees, court costs and all expenses, even if not taxable as court costs, including, without limitation, all such fees, costs and expenses incident to appeals incurred in such action or proceeding.

13.4 Mediation as Condition Precedent to Litigation

Prior to the initiation of any litigation by the parties concerning this Contract, and as a condition precedent to initiating any litigation, the parties agree to first seek resolution of the dispute through non-binding mediation. Mediation shall be initiated by any party by serving a written request for same on the other party. The party shall, by mutual agreement, select a mediator within 15 days of the date of the

request for mediation. If the parties cannot agree on the selection of a mediator then the CITY shall select the mediator who, if selected solely by the CITY, shall be a mediator certified by the Supreme Court of Florida. The mediator's fee shall be paid in equal shares by each party to the mediation.

13.5 Contract Amendment

No modification, amendment or alteration in the terms or conditions contained in this Contract shall be effective unless contained in a written documents executed with the same formality and of equal dignity herewith. No verbal agreement by the CITY or the CITY's representative identified herein shall be binding or enforceable against the CITY.

Section 14. Exhibits

The following Exhibits are attached to and made a part of this Contract:

“**Exhibit A**” - "Proposal as Submitted by Professional and Accepted by City"

“**Exhibit B**” - “Original Request for Proposal as Issued by City, including all Addenda”

“**Exhibit C**” - "Professional's Personnel Hourly Rate Schedule"

“**Exhibit D**” - "Insurance and Indemnification"

IN WITNESS WHEREOF, the CITY and the Professional have made and executed this Contract the day and year first above written:

ATTEST:

CITY

Cheryl White
City Clerk

Troy McDonald
Mayor

APPROVED AS TO FORM
AND CORRECTNESS

Paul J. Nicoletti
City Attorney

WITNESSES:

PROFESSIONAL

(Signature)

(Signature)

(Signature)

(Printed Name & Title)

EXHIBIT A

**“PROPOSAL AS SUBMITTED BY PROFESSIONAL AND ACCEPTED BY THE CITY OF
STUART”**

EXHIBIT B

“ORIGINAL REQUEST FOR PROPOSAL AS ISSUED BY CITY”

EXHIBIT C

“PROFESSIONAL'S PERSONNEL HOURLY RATE SCHEDULE”

EXHIBIT D

“INSURANCE AND INDEMNIFICATION”

ATTACHMENT B

“SAMPLE”

WORK AUTHORIZATION
TO THE
AGREEMENT FOR CIVIL ENGINEERING SERVICES
BETWEEN THE CITY OF STUART AND
THE FIRM OF
XXXXXXXXXX

PROJECT DESCRIPTION: *NAME OF PROJECT*

I. PURPOSE

This is an attachment to the Master Agreement for Civil Engineering Services dated XXXXX between the City of Stuart (CITY) and the firm of XXXXX. (PROFESSIONAL) and made a part thereof. The purpose of this Project Authorization is to specify the required services of the PROFESSIONAL to design xxxx, prepare Construction documents, provide Bidding Phase services, and to provide Construction Phase services for the *Project Name*.

II. PROFESSIONAL'S SERVICES

The PROFESSIONAL shall design xxxx, prepare Construction documents, provide Bidding Phase services, and Construction Phase services for the *Project Name*.

III. GENERAL SCOPE OF WORK

The PROFESSIONAL's services shall include, but not be limited to, the following items:

A. TASK A: DESIGN AND PERMITTING

1. Data Collection
2. Analysis of xxxxxx
3. Design of xxxxxx
4. Preparation of Technical Specifications
5. Monthly meetings with CITY staff
6. The PROFESSIONAL shall procure the necessary permits required for the items described in this Project Authorization.
7. Prepare minutes and agendas for all meetings and submit to the CITY.

B. TASK B: CONSTRUCTION DOCUMENTS

1. The PROFESSIONAL shall prepare complete Construction Drawings (100% drawings) and specifications for the work as described in III.A. (above).
2. Drawings shall be furnished to the CITY in reproducible form and to a satisfactory scale. They shall be accurate, legible, complete and suitable for

bidding purposes. The PROFESSIONAL shall furnish, when requested, all necessary prints, sepias and other information during the design process, for review by the CITY, utility suppliers and other parties having jurisdiction and to fulfill requests by other government agencies and the public. The construction drawings must meet the following minimum plans and design documentation packaging requirements:

Plan sets:

- a. Cover / Key Sheet
- b. Summary of Pay Items
- c. Reference Points
- d. Typical Sections
- e. Miscellaneous Detail Sheet

3. Based upon the final Construction Documents, the PROFESSIONAL shall prepare and submit an estimate of probable cost for construction.

C. TASK C: BIDDING PHASE SERVICES

The PROFESSIONAL shall:

1. Attend Pre-Bid Conference.
2. Prepare Pre-Bid Meeting Minutes.
3. Respond to questions during bidding, as needed.
4. Review bid submittals for compliance with the plans and specifications, and prepare a comparative bid analysis.
5. Make a recommendation for award based on bids received and reference checks.

D. TASK D: CONSTRUCTION PHASE SERVICES

1. The PROFESSIONAL's responsibility to provide Construction Phase Services under this agreement commences with the award of each Contract for Construction and terminates at the earlier of the issuance by the CITY of the final Certificate for Payment or 30 days after the date of Substantial Completion of the Work, but may be extended.
2. The PROFESSIONAL shall attend and administer the preconstruction conference.
3. Visits to Site and Observation of Construction: In connection with observations of the work of Contractor(s) while it is in progress, PROFESSIONAL shall make visits to the site at intervals appropriate to the various stages of construction as PROFESSIONAL deems necessary in order to observe as an experienced and qualified design professional the progress of the various aspects of Contractor(s)' work.
4. Defective Work: During such visits and on the basis of such observations, PROFESSIONAL may disapprove or reject Contractor(s)' work while it is in progress if PROFESSIONAL believes that such work will not produce a completed PROJECT that conforms to the Contract Documents or that it will

- prejudice the integrity of the design concept of the PROJECT as reflected in the Contract Documents.
5. Interpretations and Clarifications: PROFESSIONAL shall issue necessary interpretations and clarifications of the Contract Documents and in connection therewith prepare work directive changes and change orders as required.
 6. Shop Drawings: PROFESSIONAL shall review and approve (or take other appropriate action in respect of) Shop Drawings, samples and other data which Contractor(s) are required to submit, but only for conformance with the design concept of the PROJECT.
 7. Substitutes: PROFESSIONAL shall evaluate and determine the acceptability of substitute materials and equipment proposed by Contractor(s).
 8. Inspections and Tests: PROFESSIONAL shall have authority, as CITY's representative, to require special inspection or testing of the work, and shall receive and review all certificates of inspections, testings and approvals required by laws, rules, regulations, ordinances, codes orders or the Contract Documents (but only to determine generally that their content complies with the requirements of, and the results certified indicate compliance with, the Contract Documents).
 9. Disputes between CITY and Contractor: PROFESSIONAL shall act as initial interpreter of the requirements of the Contract Documents and judge of the acceptability of the work thereunder and make decisions on all claims of CITY and Contractor(s) relating to the acceptability of the work or the interpretation of the requirements of the Contract Documents pertaining to the execution and progress of the work.
 10. Applications for Payment: Based on PROFESSIONAL's on-site observations as an experienced and qualified design professional, and on review of applications for payments and the accompanying data and schedules:
 - a. PROFESSIONAL shall verify the amounts owing to Contractor(s) and recommend in writing payments to Contractor(s) in such amounts. Such recommendations of payment will constitute a representation to CITY, based on such observations and review, that the work has progressed to the point indicated, and that, to the best of PROFESSIONAL's knowledge, information and belief, the quality of such work is in accordance with the Contract Documents (subject to an evaluation of such work as a functioning whole prior to or upon Substantial Completion, to the results of any subsequent tests called for in the Contract Documents and to any other qualifications stated in the recommendation). In the case of unit price work, PROFESSIONAL's verifications of payment will include determinations of quantities and classifications of such work (subject to any subsequent adjustments allowed by the Contract Documents).
 11. Contractor(s)' Completion Documents: PROFESSIONAL shall receive and review maintenance and operating instructions, schedules, guarantees, bonds and certificates of inspection, tests and approvals which are to be assembled by Contractor(s) in accordance with the Contract Documents and shall transmit them

to the CITY with written comments.

12. Inspections: PROFESSIONAL shall conduct an inspection to determine if the work is substantially complete and a final inspection to determine if the completed work is acceptable to the CITY and other governing agencies so that PROFESSIONAL may recommend, in writing, final payment to Contractor(s) that the work is acceptable (subject to any conditions therein expressed).
13. Closeout: PROFESSIONAL shall provide assistance in the closing of any financial or related transaction for the PROJECT (project closeout book, summary of testing, rectifying change orders, final pay estimate, summary of Resident Project Representative (RPR) time, PROFESSIONAL and owner certification letter).
14. As-Built Drawings: PROFESSIONAL shall prepare a set of mylar record prints of Drawings (3 sets of prints and 1 CD) showing those changes made during the construction process, based on the marked-up prints, drawings and other data furnished by Contractor(s) to PROFESSIONAL and which PROFESSIONAL considers significant, including ALP Update.

IV. CITY RESPONSIBILITIES

The CITY will provide specific data for *project*.

V. WARRANTY

The PROFESSIONAL warrants that the plans and specifications produced as a result of this contract are complete, correct and suitable for the purpose intended.

VI. AMERICANS WITH DISABILITIES

The PROFESSIONAL shall ensure compliance with all applicable governmental accessibility standards, including without limitation those applicable under Section 35.151 CFR.

VII. DELIVERABLES

The PROFESSIONAL shall supply 60%, 90%, and 100% Plans and Specifications to the CITY for review. Each draft submittal shall include two copies of the draft Plans and Specifications. The PROFESSIONAL shall submit to the CITY the final Plans and Specifications in the following amounts:

1. Unsealed Copy of Final Plans – 1 set
2. Sealed Copy of Final Plans – 1 set
3. Digital Copy of Final Plans – 1 copy
4. Unbound set of Technical Specifications – 1 set
5. Digital Copy of Technical Specifications – 1 copy

VIII. PLAN AND SPECIFICATIONS REPRODUCTION

The PROFESSIONAL will provide two (2) sets of the plans and specifications for bidding purposes. One set is to be a signed and sealed record set. The cost of these sets is included in the design costs paid the PROFESSIONAL as compensation for services required under this Project Authorization. If additional sets of Construction Documents are required by the City, the PROFESSIONAL shall furnish such sets at cost. Payment for such additional sets shall be promptly made by the CITY, upon properly supported invoices, submitted by PROFESSIONAL.

IX. PLANS AND DOCUMENT OWNERSHIP

The original plans and specifications will become the property of the CITY upon completion of this Project. Computer systems (CADD) are to be used in the preparation of the construction plans; a copy of all electronic data and drawing files are to be submitted on CD media. These will utilize AutoCAD version 14.0 or 2000 software. If other software is used, it is to be translated to the aforementioned software. The supplied disks are to include all point and working files.

X. SCHEDULES AND TIME CONSTRAINTS

Within ten (10) days after receiving the Notice to Proceed, the PROFESSIONAL shall provide a schedule and an anticipated payment schedule. The total time allowed for the PROFESSIONAL's services required under this Project Authorization shall be XXXX (XX) months from the date of the Notice to Proceed. The construction documents shall be completed within XXX (X) months from the date of the Notice to Proceed.

XI. COMPENSATION

Payment for all services will be in accordance with the Standard Agreement for Civil Engineering Services. Total compensation shall, based on the man hours shown in Exhibit A, for all services, material, supplies and any other items or requirements necessary to complete the work as described herein to include actual salary costs, overhead and profit in an amount equal to 100% of actual salary cost and reimbursement of actual direct non-salary expenses shall not exceed XXXXXX dollars (\$XXXX). Out of pocket expenses including postage, printing, copying, and long distance telephone calls shall be billed as a reimbursable expense at the PROFESSIONAL's actual cost. Reimbursable expenses shall not exceed XXXXX dollars (\$XXXX); therefore total compensation for all work shall not exceed XXXXXXXX dollars (\$XXXX).

[REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, the parties have made and executed this Agreement, the day and year first above written.

PROFESSIONAL: *FIRM*

(SEAL)

By: _____
(Signature)

BY _____
Corporate Officer Name & Title

Date _____

ATTEST:

=====

APPROVED AS TO COMPLIANCE WITH PURCHASING & CONTRACTS
POLICIES AND PROCEDURES

Charles T. Iverson
Procurement Manager

Date _____

=====

TECHNICAL PROVISIONS OF CONTRACT AND BUDGETARY REQUIREMENTS
APPROVED

Samuel T. Amerson
Director Public Works

Date _____

=====

CITY OF STUART

BY: _____
Paul Nicoletti
City Manager

Date _____

=====

APPROVED AS TO FORM AND LEGALITY FOR THE USE AND BENEFIT OF
STUART CITY ONLY

Michael J. Mortell
City Attorney

Date _____

EXHIBIT 'A'

Position	Hours	Hourly Rate	Total Fee
Principal			
Project Manager			
CAD Technician			
Clerical			
Subconsultants			
Hydrogeologic			
Electrical			
Surveying			
TOTAL COMPENSATION			



City of Stuart

121 S.W. Flagler Avenue • Stuart • Florida 34994
Telephone (772) 288-5320

Department of Financial Services

Procurement & Contracting Services Division
Charles T. Iverson, Procurement Manager

Fax: (772) 600-1202
tiverson@ci.stuart.fl.us

Date: June 5, 2014, 2014
To: All Prospective Proposers
Subj: Addendum #1 to RFP #2014-146, Professional Engineering Services

ADDENDUM #1

This addendum is issued to expand the scope of services for this project:

To Section II, Scope of Service add item T:

- T. Preparation of design studies, design plans and design specifications for water distribution, wastewater collection, and reclaimed water systems, specific water and wastewater process control evaluations and reports, and other related water, wastewater, and reclaimed water projects.

This Addendum must be acknowledged, signed and returned with your proposal. Failure to comply may result in disqualification of your proposal.

Sincerely,

Charles T. Iverson
Purchasing Manager
City of Stuart, Florida

Acknowledgement is hereby made of Addendum #1 to RFP #2014-146, Professional Engineering Services.

Signature

Date

Firm

EXHIBIT C

“PROFESSIONAL'S PERSONNEL HOURLY RATE SCHEDULE”

EXHIBIT 'A'

Position	Hourly Rate
Principal	
Project Manager	
CAD Technician	
Clerical	
Subconsultants	
Hydrogeologic	
Electrical	
Surveying	

HOURLY RATE SCHEDULE

Engineer Classification	Hourly Rates	Survey Classification	Hourly Rates
Principal	\$ 200.00	Sr. Professional Surveyor	\$ 140.00
Senior Professional Engineer	\$ 170.00	Professional Surveyor	\$ 120.00
Senior Project Manager	\$ 155.00	Survey Manager	\$ 105.00
Professional Engineer	\$ 145.00	Sr. Survey Technician	\$ 85.00
Project Manager III	\$ 135.00	Survey Technician II	\$ 70.00
Project Manager II	\$ 125.00	Survey Technician I	\$ 60.00
Project Manager I	\$ 115.00	4 Person Survey Crew	\$ 156.00
Senior Project Engineer	\$ 105.00	3 Person Survey Crew	\$ 144.00
Project Engineer III	\$ 95.00	2 Person Survey Crew	\$ 105.00
Project Engineer II	\$ 85.00	Clerical Technician	\$ 60.00
Project Engineer I	\$ 75.00	Laser Scanning Crew (Per Day)	\$3,500.00
Designer	\$ 75.00		
Senior Technician	\$ 70.00		
Construction Observer	\$ 70.00		
Technician II	\$ 65.00		
Technician I	\$ 55.00		
Engineering Specialist	\$ 60.00		

EXHIBIT D

“INSURANCE AND INDEMNIFICATION”



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/21/2014

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 Klein Agency, LLC. P.O. Box 219 Timonium MD 21094	CONTACT NAME:		
	PHONE (A/C No, Ext): (410) 832-7600	FAX (A/C No): (410) 832-1849	
	E-MAIL ADDRESS:		
	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Fireman's Fund Ins. Co.		
INSURED Bowman Consulting Group, Ltd. 3863 Centerview Drive, Suite 300 Chantilly VA 20151-3287	INSURER B: American Automobile Ins. Co.		
	INSURER C: The Cincinnati Insurance Co.		
	INSURER D: Travelers Casualty & Surety Co		
	INSURER E: RLI Insurance Company		
	INSURER F:		

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY		AZC80891851	10/6/2013	10/6/2014	EACH OCCURRENCE	\$ 2,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY					DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR					MED EXP (Any one person)	\$ 10,000
	<input checked="" type="checkbox"/> Contractual Liability					PERSONAL & ADV INJURY	\$ 2,000,000
GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	\$ 4,000,000
<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC						PRODUCTS - COMP/OP AGG	\$ 4,000,000
							\$
B	AUTOMOBILE LIABILITY		MZA80300496 State of VA MZA80300497 Other States	10/6/2013	10/6/2014	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS				BODILY INJURY (Per person)	\$
	<input checked="" type="checkbox"/> HIRED AUTOS	<input checked="" type="checkbox"/> NON-OWNED AUTOS				BODILY INJURY (Per accident)	\$
						PROPERTY DAMAGE (Per accident)	\$
							\$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB	<input checked="" type="checkbox"/> OCCUR	(Follows Form)	10/6/2013	10/6/2014	EACH OCCURRENCE	\$ 15,000,000
	<input type="checkbox"/> EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE				AGGREGATE	\$ 15,000,000
	<input type="checkbox"/> DED	<input type="checkbox"/> RETENTION \$					\$
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY		UB-4201T072	10/6/2013	10/6/2014	<input checked="" type="checkbox"/> WC STATUTORY LIMITS	<input type="checkbox"/> OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N				E.L. EACH ACCIDENT	\$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below	N/A				E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
						E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
E	Professional Liability		RDP0012352	10/6/2013	10/6/2014	Each Claim	\$5,000,000
						Aggregate	\$5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
See Attachment for specific additional insured wording.

CERTIFICATE HOLDER City of Stuart 121 SW Flagler Avenue Stuart, FL 34994	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 Justin Klein/IM 

COMMENTS/REMARKS

If required under an insured written contract, executed prior to any loss, City of Stuart is an Additional Insured under the General Liability Policy, but only with respects to liability arising from work performed by or on behalf of Bowman Consulting Group, Ltd.

If required under an insured written contract, executed prior to any loss, City of Stuart is an Additional Insured under the Automobile Policy, but only with respects to liability arising from the operation of vehicles by employees of Bowman Consulting Group, Ltd.

If required under an insured written contract, executed prior to any loss, Waiver of Subrogation is provided for City of Stuart under the General Liability, Automobile Liability and Workers Compensation Policies.

It is further understood that coverage provided the Additional Insured under the General Liability and Automobile Liability shall be primary and non-contributory to any other coverage available to the Additional Insured