



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

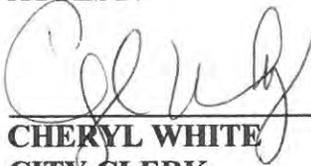
ADOPTED this 25th day of July 2016.

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: jcapra@gocaptec.com

Mr. Joseph W. Capra, P.E., President
Captec Engineering, Inc.
301 NW Flagler Avenue
Stuart, Florida 34994

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

Dear Mr. Capra,

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 5, 2016

Date

Joseph W. Capra, P.E.

Printed Name

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

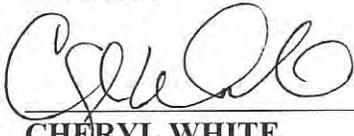
Commissioner CAMPENNI offered the foregoing resolution and moved its adoption. The motion was seconded by Commissioner MCDONALD and upon being put to a roll call vote, the vote was as follows:

ADOPTED this 13th day of July 2015.

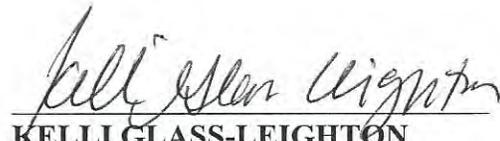
KELLI GLASS-LEIGHTON, MAYOR
JEFFREY KRAUSKOPF, VICE MAYOR
TOM CAMPENNI, COMMISSIONER
TROY MCDONALD, COMMISSIONER
EULA R. CLARKE, COMMISSIONER

YES	NO	ABSENT
X		
X		
X		
X		
X		

ATTEST:

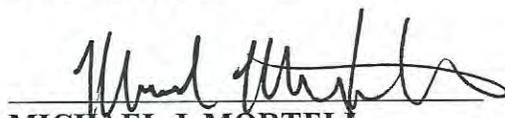


CHERYL WHITE
CITY CLERK



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: jcapra@gocaptec.com

Joseph W. Capra, P.E., President
Captec Engineering, Inc.
301 NW Flagler Avenue
Stuart, Florida 34994

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

Dear Mr. Capra,

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

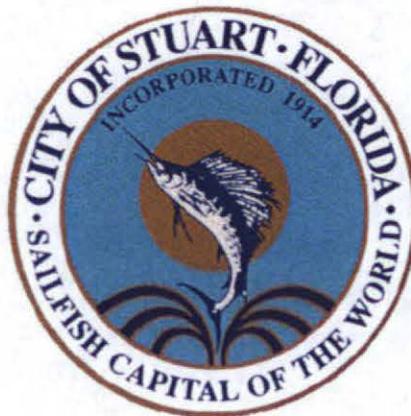
- I hereby agree to the contract renewal as specified of the subject Agreement
- I am unable to agree to the contract renewal as specified of the subject Agreement

(Signature)
6/1/2015
Date

Joseph W. Capra
Printed Name
President
Title

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.

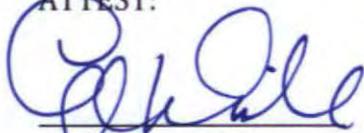
SECTION 2: This resolution shall take effect upon adoption.

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			

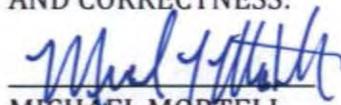
ADOPTED this 28rd day of JULY, 2014.

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: CAPTEC Engineering, Inc.
 301 NW Flagler Avenue
 Stuart, FL 34994

AGREEMENT FOR PROFESSIONAL SERVICES

THIS AGREEMENT, hereinafter "Agreement," made and entered into the 12 day of August, 2014 by and between CAPTEC Engineering, Inc., 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"

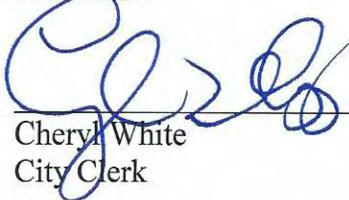
“Exhibit C” - "Professional's Personnel Hourly Rate Schedule"

“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:

CITY



Cheryl White
City Clerk



Troy A. McDonald
Mayor

APPROVED AS TO FORM
AND CORRECTNESS

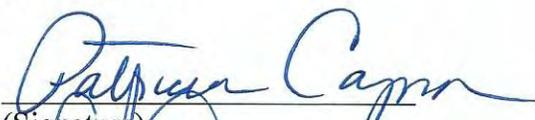


Michael J. Mortell
City Attorney



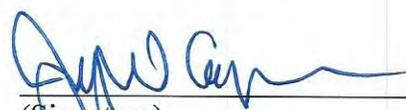
WITNESSES:

PROFESSIONAL



(Signature)


(Signature)



(Signature)
Joseph W. Capra President

(Printed Name & Title)

EXHIBIT A

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



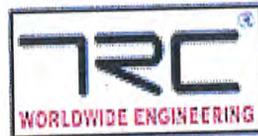
REQUEST EXPRESSIONS OF INTEREST FOR PROFESSIONAL CIVIL ENGINEERING SERVICES

REI #2014-146

Due: Wednesday, June 18, 2014 @ 2:30 P.M.



The CAPTEC Team



301 NW Flagler Avenue, Stuart, FL 34994 * 772.692.4344 captecinfo@gocaptec.com



**REQUEST EXPRESSIONS OF INTEREST
FOR PROFESSIONAL
CIVIL ENGINEERING SERVICES
REI #2014-146**

Due: Wednesday, June 18, 2014 @ 2:30 P.M.

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

Tab 7: Other Information

Tab 8 Addenda



301 NW Flagler Avenue, Stuart, FL 34994
772.692.4344 phone * 772.692.4341 fax

June 18, 2014

City of Stuart
Procurement & Contracting Services Office
121 SW Flagler Avenue
Stuart, Florida 34994

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

Dear Madam or Sir:

CAPTEC Engineering, Inc. is pleased to submit our response to the City of Stuart's request for a Statement of Interest. We appreciate the City's consideration for our firm to provide professional civil engineering services. CAPTEC has civil engineering experience in all disciplines mentioned under the Scope of Services.

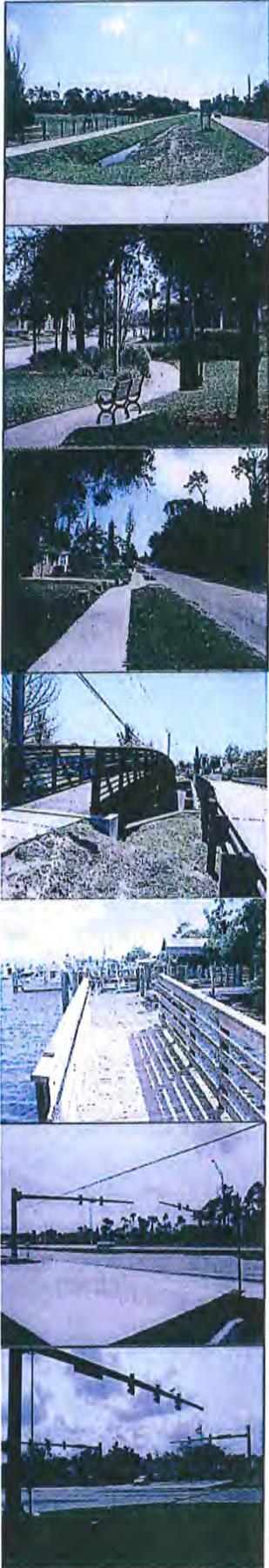
In previous contracts, **CAPTEC has performed many Quality Designs** of downtown redevelopment; subdivision street improvements such as the Woodlawn Park and Eldorado Subdivisions; sidewalk and roadway enhancement projects like the East Ocean Blvd Crosswalk improvements; roadway projects like the Green River Parkway and Colorado Avenue improvements. We have completed several neighborhood drainage, utility, sidewalk and parking improvements. CAPTEC has also completed signals and bridges for most major roadway projects in Martin and St. Lucie County. We have assisted Martin County with completing several intersection signal improvements such as Martin Downs Boulevard / Monarch Club Drive and Cove Road / Atlantic Ridge Road. Traffic studies have been completed with the assistance of sub-consultants. Streetscaping has been completed with assistance from several landscape architect firms and most recently our work with Lucido and Associates can be seen on the Colorado Avenue project and the new Martin Hospital Main Street and Amerigo Avenue improvements to their north campus.

On all projects we can utilize our **CAPTEC Experienced CEI Team** lead by Mr. Gary Jones, who recently has been joined by our old associate Mr. Jeff Bouley. Gary and his staff has successfully completed the work on the above projects and several LAP/Airport and Park projects for Martin County such as SR 707 turn lanes, the Witham Field Master Utilities, the Twin Rivers Park and the Stuart Beach Parks project.

We have reviewed the Scope of Services and feel we have the expertise to complete these projects with our local Staff of Engineers and Technicians. The various projects lists entail roadway, land acquisition, stormwater management, floodplain studies, permitting, traffic, structural, marine related, design, permitting, and construction documents; cost estimates and developing specifications.

All projects will be completed with CAPTEC staff and supported by our list of **Sub-Consultants** as follows: CAPTEC has retained assistance from several local firms to help complete all facets of the civil engineering disciplines mentioned in the Scope of Services. We will utilize a local firm for planning services. We have chosen Betsy Lindsay, Inc., and NorthStar Geomatics for Survey assistance. We will utilize Stiles Peet, P.E. and TRC Worldwide Engineering, Inc. to assist in any structural projects. We will utilize Shaun MacKenzie, P.E. for traffic studies along with our in-house staff. We will utilize Phillip Dover, P.E. for any water / wastewater process plant type work. We will also utilize local environmental and geotechnical firms. All of our work will be managed by our in-house, experienced Project Managers. CAPTEC has in the past retained duplication in staff in most disciplines and currently we have supplemented our current staff levels with the list of Sub-Consultants. As in the past, in the areas of signal/





bridge/streetscaping and traffic studies, we will obtain assistance from our Sub-Consultants and manage their expertise to successfully complete the City projects, such as Colorado Avenue.

CAPTEC intends to Manage all Projects as follows: All Transportation / Traffic projects will be managed by Marty Morlan, P.E.; all Stormwater/Utility projects by Rhett, Keene, P.E.; all Marine/Utility projects by Harold Tourjee. Gary Jones, P.E. will manage all CEI activities and review projects for constructability. Quality Control will be managed and completed by Joseph Capra, P.E.

Partnering with the City of Stuart for the past 17 years CAPTEC has always served as an extension of City Staff whereby we are familiar with the City specifications, goals, objectives and expectations which we believe eliminated the learning curve and provides the City of Stuart with the most efficiently number of designs and construction on civil engineering projects.

Excellent Service, careful attention to client needs and preferences and a hands-on approach have contributed to CAPTEC'S continued success. We believe that CAPTEC has earned a reputation of being service-oriented team players. We are flexible and accommodating when project scopes evolve in order to maintain project deadlines.

CAPTEC has a **Record of Successfully Completing** a a wide variety of projects for the City of Stuart and Martin County , including emergency services for reconstruction of MacArthur Blvd., Green River Parkway South design, Western Palm City Corridor (Citrus Boulevard) route alignment study, design, permit & CEI, Indian Street and multiple intersection/ signalization, roundabouts and sidewalk improvement projects. We are familiar with City procedures and with our quality control procedures in place we ensure legible, accurate design documents.

All staff is **IMMEDIATELY Available** to provide the City of Stuart with the expertise necessary to complete the Projects proposed under this contract. Our Team's designers are poised to begin work immediately and complete awarded projects within the City of Stuart's timeframe and budget. CAPTEC's team members have on-going commitment to enhance the City of Stuart by our continued loyalty and dedication to providing innovative, cost effective, sustainable infrastructure projects that will serve City visitors and residents for years to come.

Located in Stuart, Florida, minutes from City Hall, CAPTEC'S office is fully staffed with local residents who are extremely familiar with the City of Stuart's needs, goals and preferences.

Finally, CAPTEC recognizes the limited funds available for the City Projects and have been actively involved with obtaining and administrating **Grant Funding** for all projects – whether it is FDOT Enhancement/LAP/State or Federal/NRCS/Stormwater/ CDBG/FEMA/Bonds/etc.

Your consideration of our **Qualifications** is greatly appreciated; CAPTEC staff members, along with our sub-consultant firms, are extremely anxious to further demonstrate our abilities during the shortlist presentation process.

Sincerely,



 Joseph W. Capra, P.E.
 President



TAB 1: TASK APPROACH

CAPTEC Engineering, Inc will approach the project in the following manner:

Upon project assignment by the City of Stuart, CAPTEC will **assign a Project Manager to research** the project to determine and provide an accurate Scope of Services for City staff review. In the past, CAPTEC has gone as far as complete field reconnaissance and surveying by our inspectors to ensure an accurate scope of services is provided for City project. We recognize that requesting approval for additional services, after a contract is awarded, is not acceptable to the CITY.

Staffing will depend on the civil engineering discipline for each project assigned. CAPTEC will utilize its full source of Project Managers and technicians to match the various expertise required for each project. **CAPTEC's Quality Control** will be completed by Mr. Joseph Capra, P.E. and Mr. Gary Jones, P.E.

CAPTEC staff will be involved with the roadway, signal, traffic, stormwater, utility, marine and bridge design components of the projects. CAPTEC staff will provide our design and modeling services to our sub-consultants. We will utilize professional Sub-Consultants that we have worked with, in the past and are confident in their design capabilities and their commitment to complete the project on time and within budget. We have chosen sub-consultants that have also worked in South Florida and mainly on the Treasure Coast and are familiar with FDOT requirements.

CAPTEC will utilize the services of the following local firms: Betsy Lindsay, Inc., and NorthStar Geomatics for surveying services; Andersen Andre Consulting Engineers and Ardaman & Associates, Inc., for geotechnical services; and Hobe Sound Environmental Consultants and EW Consultants for environmental services. We can use other local firms if desired by the City.

CAPTEC staff works in a professional environment with the latest technology and updated hardware / software. Our firm constantly strives to provide a more efficient design and new state-of-the-art construction techniques. For example, in the past we have completed many storm water stabilization projects utilizing all types of geotechnical improvements. We learned how to qualify the specifications, to make sure the material works, thereby avoiding maintenance issues. Our designs always consider the maintenance aspects of a client's project.

In our arrangement of office personnel, we always match experienced personnel with new employees. We recognize that experience and training is very important for the success of all projects. We also make sure that all work is Quality Controlled by separate experienced, registered, professional individuals.

CAPTEC begins all projects start with a kick-off meeting with the City of Stuart staff, CAPTEC staff and Sub-Consultants. All projects are monitored through our weekly staff meeting, and are tracked with a Project Status Report, that records all work and communications on the project. This is completed by the Project Coordinators for each project. The project research is the first item of

activity which is then followed by the conceptual designs and modeling and the review by the regulatory agencies. Once the

improvements are recommended, CAPTEC will then confirm the cost is acceptable within the City of Stuart budget. Upon discussions with the City of Stuart, the final designs are completed and permitting is completed. We recognize the urgency to permit projects so they can be built to fix a problem, but also many grant funds require completion in a limited time frame. CAPTEC is experienced with City of Stuart's Bid procedures and has assisted with addendum / addenda preparation and clarification of issues that the bidders may need. In the contract preparation phase, CAPTEC will utilize its experienced staff of CEI personnel to make sure the project is completed on time. Our staff will take pictures, prepare daily field reports, review all test results, review all payments and confirm all lien releases. **CAPTEC is familiar with City of Stuart's Contractual requirements** and procedures to make sure extra costs are not incurred by the City of Stuart. Upon completion of the project, CAPTEC is familiar with the certification requirements and works expeditiously to complete the grant close out for projects.

CAPTEC's experience in working to complete projects on time and within budget is an achievement we consider a requirement of our services. We continually strive to exceed the City of Stuart's goals and requirements.

Relative to maintaining schedules and methods utilized to recover from Contractor delays, CAPTEC's constant engagement, weekly project review and documentation with reminders, help maintain the project schedule. CAPTEC has proven that **constant Monitoring** is how we achieved the completion of the Colorado Avenue Project within a timeframe that did not significantly disrupt the public and ultimately was completed within the project budget.

CAPTEC is constantly involved with infrastructure improvements on the Treasure Coast which allows CAPTEC to know accurate costs. During the design phase, CAPTEC will check cost with the Contractors, to make sure the project is accurately analyzed. All of CAPTEC's projects are value-engineered by its staff and the Contractor. From the design, permitting and construction, CAPTEC is constantly trying to save money on the completion of the project. Maintaining an open minded attitude, during the design and construction phases, help complete quality projects in a timely manner and within budget.

At our weekly meetings, all projects are documented with meeting minutes to help CAPTEC track and control project cost. CAPTEC has computer scheduling software to monitor the projects; however, experienced personnel tend to know the needs of a project. **All projects will have 20 to 30-year experienced personnel on the job.** Relative to lines of communication, our design team which consist of a Project Manager, a Technician and a Project Coordinator will be constantly in communications with the City Project Manager and staff.

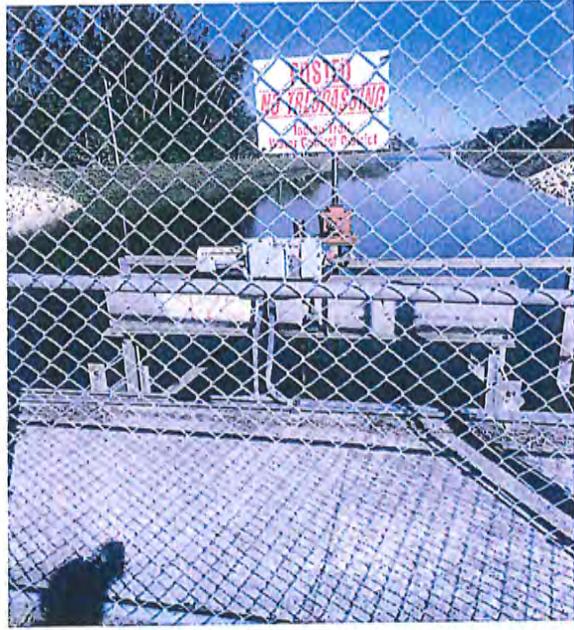
At the beginning of the project, the Project Manager will establish the lines of communication preferred by the City. **CAPTEC's Project Coordinators will complete weekly updates and complete Project Status Reports on all projects,** which monitor the initial research information provided by the sub-consultant, the technicians deadlines, the status of permitting, the bidding of the contract the Pre-Con Meeting schedule, the shop drawing reviews, the Contractor inspections, the as-built completion, the final certifications, the final payments made to Contractors, and the collection of grant funds.



TAB 2: PAST PERFORMANCE IN SIMILAR ACTIVITIES IN FLORIDA

Client	City of Port St. Lucie
Contact Name	Jim Angstadt, PE
Address	121 SW Port St. Lucie Blvd., Bldg. B, Port St. Lucie, FL 34984
Phone Number	772.871.5177
Nature of Work	 <p>Eastern Watershed Improvement Project (EWIP): This is a water quality and flood protection stormwater improvements for the Drainage Basin located in Eastern Port St. Lucie. The project includes setting standards, developing a model for the 4,860 Acre Basin, developing alternative improvements, acquiring land, preparing construction plans, improving flow ways within the sensitive creeks and canals, preparing and monitoring mitigation plans that contain Stormwater Treatment Area plantings, obtaining permits and assistance during construction. The land and construction costs were \$32 million. CAPTEC assisted the City in obtaining \$1.5 million in construction grants for this work. Project was completed in 2013.</p>
Total Project Cost	\$14,000,000.00
Client	HKS Architects, Inc.
Contact Name	Roy Gunsolus, Project Manager
Address	1919 McKinney Avenue, Dallas, TX 75201
Phone Number	214.969.5599. 342.6321
Nature of Work	 <p>Tradition Medical Center, Port St. Lucie, FL: Provided preliminary and final design for site grading and drainage plans with respect to existing utility capacities for storm sewer, sanitary sewer, domestic water and natural gas to route to nearest utility mains. Utilities included; fire water, sanitary sewer, stormwater, natural gas, electrical service, telephone and data cabling. Completed permit applications for site utilities with regulatory agencies. Designed construction details for paving, curbing, site circulation roads, parking lots with handicap spaces and sidewalks. CAPTEC assisted the Contractor and the Architect in obtaining the building permits and the "Certificate of Occupancy" for the Hospital. Project completed in 2014.</p>
Total Project Cost	\$2,100,000.00

Client	Martin Health Systems, Inc.
Contact Name	Matt Kelly, Project Manager
Address	P.O. Box 9000, Stuart, FL 34994
Phone Number	772.223.5945 ext. 3226
Nature of Work	 <p>Martin Hospital Main Street Entrance, Stuart, FL: Design of Main St. /Amerigo Avenue Roadway/Design/Landscaping enhancement plan including review of the parking, drainage, surface treatments and pedestrian and vehicular circulation for the North Campus Hospital while in a 24/7 operation. Project was completed in 2014.</p>
Total Project Cost	\$2,000,000.00
Client	City of Stuart
Contact Name	Sam Amerson, P.E.
Address	121 SW Flagler Avenue, Stuart, FL 34994
Phone Number	772.223.7943
Nature of Work	 <p>Colorado Avenue Improvements, Stuart, FL: Design / Permitting / Construction Engineering Inspection (CEI) services were performed for the Colorado Avenue corridor (including portions of MLK, Jr. Blvd. and Kindred Street). The existing roadway corridor was designed to facilitate on-street parking, landscaped curb extensions, bike lanes, 2-10'-wide travel lanes and a large landscaped median and a round-a-bout at Martin Luther King, Jr. Boulevard. CAPTEC completed a traffic study to determine the need for the existing traffic signal at the Kindred Street intersection and conducted multiple public meetings. Construction observation services included meeting attendance, shop drawing review, pay estimates / grant funding requests, MOT compliance, and final inspection verifying punch list items were completed. The project was funded with CDBG Funds. Project completed in 2013.</p>
Total Project Cost	\$1,350,000.00
Client	St. Lucie County
Contact Name	Diana Wesloski,
Address	437 N. 7 th Street, Fort Pierce, FL 34950

Phone Number	772.462.2375
Nature of Work	 <p>Indian River Veteran's Memorial Park, Fort Pierce, FL: CAPTEC was contracted for the design, permitting and construction observation of the improvements to the Indian River Veteran's Memorial Park project. The park improvements include conformance with ADA requirements and corrections to the flooding issues presently experienced at the park. The project entails rebuilding restroom facilities, driveway and parking area improvements with pervious pavers; monuments, grand entrances, sheet piles, box culverts and paver walkways. a stormwater treatment plan for water quality benefits to the Indian River Lagoon including lakes, bioswales, fountains, and flucc logs. Project is On-going.</p>
Total Project Cost	\$ 1,700,000.00
Client	Indian Trail Improvement District/ Stormwater J Engineering, Inc.
Contact Name	Jay Foy, P.E
Address	1855 Indian Road, Suite 202, West Palm Beach, FL 33409
Phone Number	561.242.0028
Nature of Work	 <p>Indian Trail Improvement District, West Palm Beach, FL: CAPTEC supports the District Engineering on Stormwater Management items which entailed the updating of the GIS LIDAR Data by FEMA to remap this rural area of Palm Beach County. This remapping, with the assistance of NorthStar Geomatics, Inc. removed substantial homesites from the FEMA Area Zone A, Flood Zones, potentially removing the need for flood insurance for a substantial number of residents. CAPTEC also reviews all transportation items for the District relative to slope protection along canals, pipe size improvements, roadway designs, infrastructure improvements and stormwater treatment lakes planned for the various major arterial roadways. Services include: Stormwater Modeling/ Stabilization/ Plan Preparation/ Regulatory Permitting Experience/ Construction Administrative Services. 2 large Impoundment Basin Inspections and Construction have been completed for this project. Grant Assistance will be provided. Project is On-going.</p>
Total Project Cost	\$ On-going



TAB 3: FAMILIARITY

CAPTEC personnel has been involved with the City of Stuart since 1986 and have been active participants in the Community Redevelopment including Osceola Street's original parking improvements, Downtown Stuart's revitalization, numerous CRA improvements to local neighborhoods, as well as the Frazier Addition, Eldorado and Woodland Park Subdivision improvements. CAPTEC has completed the sanitary sewer and water main extensions as well as the IQ main design and construction through East Stuart, across the City; from Dixie Highway to US 1 to Willoughby Boulevard. CAPTEC personnel has completed the design and permitting for the Downtown Stuart Boardwalks and repair sketches of the City's floating docks.

In the past two (2) years, CAPTEC has successfully completed the Colorado Avenue improvements and the Kindred Street signal removal and sidewalk grant submittals. CAPTEC has completed the Amerigo Avenue and Martin Health System's improvements at the Martin Memorial north facility within the City of Stuart.

CAPTEC understands that All Aboard Florida may place some challenges on the community and CAPTEC is experienced and available to assist in meeting these challenges. CAPTEC recognizes that the St. Lucie River is extremely important to the community's economy, quality of life, health and welfare. Our staff is actively involved in the SFWMD WRAC and ACOE issues with the Lake Okeechobee discharges. CAPTEC has completed numerous basin analyses throughout the Treasure Coast to minimize discharges to the St. Lucie Estuary and Indian River Lagoon.

CAPTEC is familiar with the City of Stuart's soil conditions, the native upland and wetland areas, and CAPTEC is aware of where the utilities (overhead and underground) are located throughout the City. CAPTEC is also aware of how the various stormwater systems have been retrofitted to provide Stormwater Quality Improvements within the City. CAPTEC is familiar with who owns and maintains the roadways and CAPTEC is extremely familiar with traffic conditions within the community. CAPTEC is involved with all facets of the community and can satisfy any Civil Engineering disciplines the City of Stuart may require.





TAB 4: QUALIFICATION DATA

CAPTEC Engineering, Inc. is located minutes from the City of Stuart's City Hall within the Stuart CRA. Presently our staff includes 17 professional individuals with a wide variety of civil engineering experience. CAPTEC employs 4 Professional Engineers and plans to employ 2 more within the next 2-3 months. CAPTEC staff also consists of 5 Project Managers, 2 Engineering Intern (EI) Technicians, 3 CADD/Modeling designers, 2 Inspectors, 3 Project Coordinators and an Office Manager responsible for all contract administration and monthly invoicing. Our CEI staff can produce 3 FDOT Certified Inspectors on all disciplines needed for this project. All CAPTEC staff has worked on City of Stuart projects and are familiar with roadway, stormwater, utility, transportation, flood plain, signal and bridge/structural projects.

CAPTEC recently celebrated its 17th Anniversary. Our firm was founded in Stuart in 1996; and opened a second office in Stuart in 2001, finally designing our own office building, which was completed in June 2006. Our staff members live on the Treasure Coast; therefore, we are personally and professionally aware of the current and future infrastructure and service needs of the City of Stuart.

We are actively involved in preparing the next generation of Engineers to assume the responsible management of growth in our area. We contribute hundreds of hours annually to "*Project Lead the Way*", a nationally acclaimed program, exposing motivated high school students to the art of engineering by providing them with an opportunity to participate in hands-on real world projects. We also participate in mentoring programs and hire local engineering students for summer internship positions. We provide financial donations / sponsorships for a variety of local public and private organizations / events. We believe in giving back to our community.

It is our understanding that the City of Stuart is seeking to establish continuing contracts with firms to perform civil engineering design related services for General Civil Engineering Projects. CAPTEC has reviewed the civil engineering disciplines and is confident our team can perform all project requirements for the City of Stuart. Our firm is capable of working on multiple projects simultaneously and is qualified to provide civil consulting; design, permitting, bidding and construction administration services for the roadway, stormwater management, utility, intersection, bridge, traffic and signal projects. CAPTEC's Marty Morlan, P.E. has experience with railroad design/alignments and will assist in any services related to this issue. We have also utilized the services of a Tri-Rail Consultant on the railroad station/public transportation projects, we have worked on for the City of Stuart/Martin County.

For this project, CAPTEC has joined forces with several small local firms having significant professional engineering resources to assist us on any projects the City of Stuart should undertake. We have worked with these firms and their staff on several other related projects and are confident their expertise is superior in the areas of survey, geotechnical, structural, signal, utility and traffic studies.

We have assisted local municipalities in obtaining millions of dollars in grant funding for stormwater / transportation improvement projects. We estimate that **CAPTEC has completed well over \$100 million**, in projects for the City of Stuart and Martin County. The grant funds have included FDOT Enhancement Funding, LAP Funding, CDBG, FL Forever, 319, TMDL, SLRIT, ARRA, FEMA, NRCS Grants and Municipal Bonds. Most projects may have been postponed indefinitely due to budgetary constraints without **CAPTEC's** assistance in obtaining these grants. **CAPTEC** has assisted Martin County in obtaining State Revolving Fund loans and provided the contract administration services for their loans.

Our design staff members attend periodic technical seminars in order to remain current with technological advances. In addition, in-house workshops are frequently conducted to provide standard updates to ensure that output remains consistent and relevant. Our clients receive copies of design documents periodically in order to provide input and verify that our design coincides with their project vision. Prior to releasing Approved for Construction documents, our construction staff performs a constructability review, offering recommendations, if applicable.

CAPTEC's staff and our sub-Consultants are active in several professional societies such as: Florida Engineering Society (FES), National Society of Professional Engineers (NSPE), American Society of Civil Engineers (ASCE), Florida Stormwater Association (FSWA), American Waterworks Association (AWWA), and Institute of Transportation Engineers (ITE). **CAPTEC** also maintains its FDOT pre-qualification certification for Roadway, Traffic, Planning and CEI services. We also have LAP experience.

Our permitting / regulatory agency experience includes all of the area municipalities, as well as the South Florida Water Management District, the Army Corps of Engineers, Florida Fish & Wildlife, the Florida Department of Environmental Protection, and the Florida Department of Transportation. We have excellent relationships with local, state and federal agencies, having worked with them on hundreds of projects over the past two-plus decades.

CAPTEC's recent civil engineering design experience is shown within the Relevant Past Project Experience Section which includes some of the following projects: Green River Parkway, Western Palm City Corridor/Citrus Boulevard, MacArthur Boulevard Emergency Roadway/Dune/Utility Restoration, Willoughby Boulevard Extension, Indian River Drive Baffle Boxes/Roadway improvements, Indian Street widening, Martin Downs Boulevard/Monarch Club signalization, Temporary Traffic signalization at Martin Highway (CR 714) and Berry Avenue, Cove Road and Atlantic Ridge Road intersection & signalization, Emergency signalization Plans for Emergency Service Station 23, and Other Relevant Past Project Experience includes City of Stuart, St. Lucie County and the City of Port St. Lucie projects: Central Parkway/US 1 Intersection/Signalization improvements, Bayshore Boulevard 4- lane widening improvements, Becker Road widening, Lennard Road widening, Kings Isle and St. Lucie West Boulevard Intersection, Country Club Drive and St. Lucie West Boulevard Intersection. The Windemere Drive/US 1 signalized Intersection improvements project was completed for a Private Client.

CAPTEC recently completed the design and CEI on approximately 4 FDOT LAP Sidewalk Projects, the City of Stuart Colorado Avenue Improvements, and the Martin Hospital Main Street improvements while the hospital was under 24/7 operation. We have completed both Phases I and II of the City of Stuart IQ Main Improvements for the City. **CAPTEC** staff has completed many stormwater studies and

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designed, permitted and completed construction administrative services for various stormwater retrofits. We have completed large and small drainage improvements. The City of Port St. Lucie's Eastern Watershed Improvements Project (EWIP) Weir, was a \$36 million Stormwater Retrofit for Flooding and Water Quality Treatment, which included retrofitting thousands of acres in Eastern Port St. Lucie. This work included adding retention areas, stormwater treatment areas (STAs), pump station rehabilitation, exfiltration, weirs, and flood plan adjustments.

CAPTEC, with the assistance of **Greg Fleming, P.S.M.**, of NorthStar Geomatics, Inc., in Stuart, FL, successfully reduced FEMA flood plain designations for several thousand homes in the Indian Trail Improvement District (ITID) by studying and adjusting the LIDAR DATA utilized in the maps. CAPTEC's stormwater studies were used by FEMA's Taylor Engineering, to lower the flood plains levels in the proposed new FEMA Rate Study Maps.

CAPTEC has worked with **Phillip Dover, P.E.**, of Dover Engineering, Inc., in Tequesta, FL, on the City of Stuart IQ Project and have utilized his services on utility plan adjustments for several small utilities within South Florida.

CAPTEC has worked with **Shaun McKenzie, PE**, of MacKenzie Engineering & Planning, Inc, in Port St. Lucie, FL, on several maintenance of traffic plan projects, within Okeechobee County, FL. Mr. McKenzie will provide assistance on traffic studies and signal modification projects.

CAPTEC will utilize the services of **Stiles Peet, P.E. or Jeff McGee, P.E.** to address any structural requirements on any projects.

CAPTEC will utilize the services of **David Wojocieszak, P.E.**, of Wojocieszak & Associates, Inc., in Stuart, FL, for all welding/electrical engineering requests.

CAPTEC will utilize the services of **Paul Stout, P.G.**, of JLA Geosciences, Inc., in Jupiter, FL, for all hydro-geological studies.

CAPTEC has included local firms on our team to provide an extension of CAPTEC staff. The CAPTEC total team is experienced in all civil engineering disciplines required by the City of Stuart. All civil engineering projects the City of Stuart, needs assistance will be completed by CAPTEC personnel and all projects will be managed by CAPTEC staff.



Organization Profile and Qualifications

MacKenzie Engineering & Planning, Inc.(MEP) was established in 2010. **MEP** specializes in transportation engineering, transportation planning, growth management, and project implementation. **MEP** develops and implements cost effective transportation engineering and planning solutions.

Shaun MacKenzie, P.E. will be the Engineer responsible for preparing, supervising, and providing a quality traffic engineering deliverable. As **MEP's** Point-Of-Contact, Mr. MacKenzie will ensure that there is continuous communication and coordination with the project team to ensure that all milestones are met within budget and a quality deliverable is achieved.

Since 2001, Mr. MacKenzie has been practicing Transportation Planning and Engineering for both the public and private sectors. **MEP** has 3 full time employees and utilizes an additional 4 flexible time employees. Our mission is to provide Superior Client Service and Technical Expertise. We use our extensive transportation knowledge, local experience and established relationships to deliver the best solution for our clients. We are able to provide extensive knowledge and skills to our clients with superior client service, one expects from a small business. Our experience includes, but is not limited to the following categories:

- Transportation Planning
- Transportation Modeling
- Bicycle & Pedestrian Facilities
- Impact and Mitigation Studies
- Statute, FAC, LDC Reviews
- Environmental Impact Studies
- Transportation Design
- Intersection Operations
- Multimodal Analysis
- Data Collection
- Mobility Planning
- Transportation Analysis
- Interchange Justification & Modification
- Site Plan and Concurrency Reviews
- Corridor Evaluation and Feasibility
- Development of Regional Impact Review
- Natural Resource Assessments

MEP has a thorough understanding of the Region and has existing working relationships with the City of Stuart, City of Stuart CRA, Martin County, Palm Beach County, Treasure Coast Regional Planning Council, FDOT, Martin MPO, Indian River County MPO, St. Lucie TPO, Indian River County, City of Port St. Lucie, City of Fort Pierce, and St. Lucie County. Our knowledge of the Region's plans, projects, and initiatives makes us uniquely qualified to provide guidance and understanding for each project and task because we understand the big picture.

MEP's staff actively serves its community by holding appointed or once held positions for the Martin County MPO Citizen Advisory Committee (Ex-Officio), St. Lucie TPO Bicycle & Pedestrian Advisory Committee (Former Chairman), and St. Lucie TPO Citizen Advisory Committee (Chairman).

Our team is FDOT Pre-Qualified for Work Group 3 - Highway Design – Roadway: 3.1 - Minor Highway Design, Work Group 6 Traffic Engineering & Operations Studies: 6.1 Traffic Engineering Studies, 6.2 - Traffic Signal Timing, Work Group 7 - Traffic Operations Design: 7.3 – Signalization, Work Group 13 Planning: 13.3 Policy Planning, 13.4 Systems Planning 13.5 Subarea/Corridor Planning, and 13.6 Land Planning/Engineering, and 13.7 - Transportation Statistics

PROFESSIONAL QUALIFICATIONS OF FIRM

DE Dover Engineering PC is a civil engineering consulting

firm founded in 2012 that specializes in utility engineering. The firm is located at 19940 Mona Road, Suite 4, Tequesta, Florida 33468 and provides a wide range of planning, design and construction phase services to primarily public clients. Dover Engineering is authorized by State of Florida to offer engineering services under the Professional Engineer Board's License No. 29822. The firm is

organized as a Florida Professional Limited Liability Corporation registered with the Florida Secretary of State's office (Document No. L12000005892) and Dunn & Bradstreet (DUNS No. 020612112). Dover Engineering provides professional consulting for various utility-type services, including studies and master planning, construction management and inspection, design and rehabilitation of water, stormwater and wastewater systems, permitting, and water and wastewater treatment. Our varied projects include land development (subdivision and site plan), roads and trails, drainage (conveyance and detention), and recreational facilities (parks, marinas and piers). We hold small business and CCNA certifications with several local governments including the South Florida Water Management District. Our webpage is located at www.doverengr.com



Our Tequesta, FL Office

Our Mission

Dover Engineering was incorporated in January 2012 as a privately held firm deep rooted in strong values, 100% privately owned and intent on **providing clients with quality cost effective personalized civil engineering consulting services**. Our firm strives to maintain a varied client base, although 90 percent of our clients are public entities and other design professionals.

Our Service Commitment

Dover Engineering strives to provide our clients with quality, personalized civil engineering consulting services. From field to design, through the permitting process and construction closeout our staff takes pride in offering quality, cost effective professional services to meet your budget and schedule. As a testament to our performance, over 90 percent of our business is from repeat customers.

Dover Engineering is the Right Choice!

For over 29 years, Phillip Dover, PE, BCEE has been providing an array of civil engineering and construction management services throughout the U.S. and Caribbean, the last 12 years in South Florida. Our firm is small but we can handle unusually large projects through effective time

management and the smart use of technology to increase our efficiency. We are not hampered by the internal corporate distractions of larger firms, but rather have the freedom to release our technical imagination to elegantly solve complex problems. We enjoy what we do, from field work to design work, and take great satisfaction in diligently completing every project.

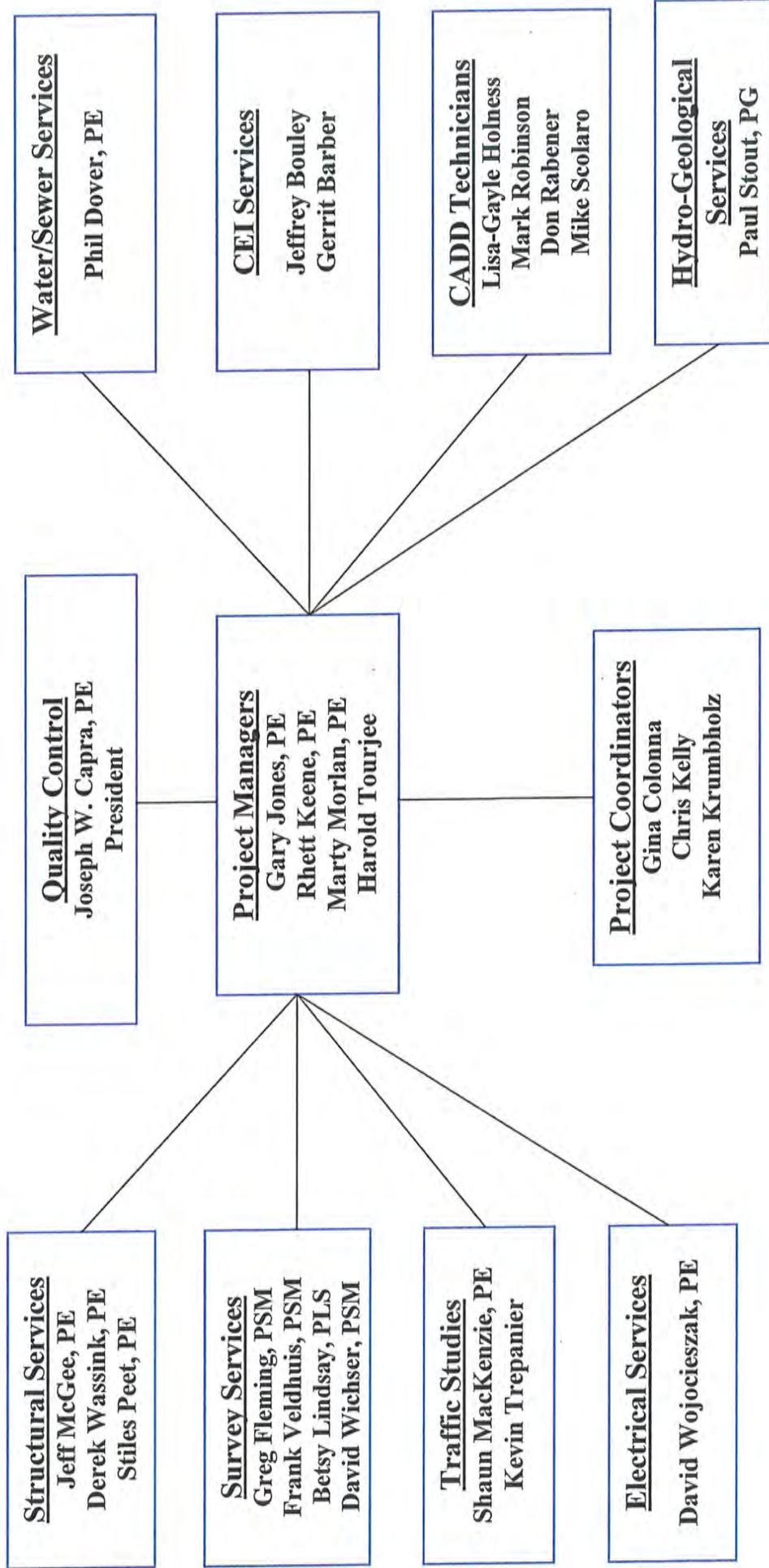
Our Recent Projects

Since March of 2012 when we began business, Dover Engineering has been busy! A few projects we have completed include:

- Design and permitting subconsultant for 8,500 LF of 36-inch raw water main for the City of Boynton Beach
- Bench study to evaluate filtration and carbon absorption options for reduction of organics in groundwater for a South Florida water plant
- Sanitary sewer study evaluating a 60 acre South Florida tract including mapping, sewer condition, and alternative sewer feasibility
- Construction services for water main extension to serve fire sprinkler system for a Lake Worth health care facility
- Desalination Feasibility Study for South Florida utility
- 16-inch reclaimed water main extension and master meter including a directional drill under Dixie Highway and the FEC railroad
- Hydrogen Sulfide stripping system for raw water within a Crom ground storage tank
- Aerobic waste treatment system design and permitting within the delicate Lake Okeechobee ecosystem
- Subconsultant on digester gas utilization study for 54 MGD facility
- 3,000 LF of gravity sewer rehabilitation using cured-in-place liner for an exclusive coastal community
- Emergency Sewage Spill Containment Pump Station for 4 MGDWWTP
- Sewer Master Plan subconsultant for City of West Palm Beach which included 125 sewage lift station inspections and field collection of operating setpoints
- Two consecutive annual bondholder reports where each report included inspection of 103 pump stations, 2 water plants and a WWTP for a South Florida utility
- Development of 20-year capital improvement plan for a South Florida utility
- Pavement evaluation for Ibis community in West Palm Beach, FL
- Storm sewer rehabilitation study in Jupiter, FL
- Pending disinfection byproduct reduction pilot study for South Florida utility



PROJECT ORGANIZATION CHART



JOSEPH W. CAPRA, P.E.
PRINCIPAL IN CHARGE / QUALITY CONTROL
1996 to PRESENT: CAPTEC ENGINEERING, INC.



PROFESSIONAL QUALIFICATIONS

B.S., Civil Engineering, Rensselaer Polytechnic Institute, New York, 1979
Professional Civil Engineer (FL PE License No. 37638)
Introduction to Railroad Engineering, University of Wisconsin, October, 2009

PROFESSIONAL AFFILIATIONS

2007 Engineer of the Year, Florida Engineering Society, Treasure Coast Council Member, Martin County Economic Council Council Member, St. Lucie County Economic Council

EXPERIENCE SUMMARY:

Following his role as Project Manager for several local consulting engineering firms, Mr. Capra founded CAPTEC in 1996. Since that time, Mr. Capra has utilized his depth of local knowledge, insight and experience for Treasure Coast municipalities. He provides Quality Control services for CAPTEC design/CEI projects and serves as client liaison, providing representation at public meetings and presentations. Mr. Capra serves as the Town of Sewall's Point Engineer, overseeing 30+ stormwater management/roadway improvement projects, and serves as Development Review Engineer for the City of Stuart. CAPTEC has current civil engineering continuing services contracts with St. Lucie County and Martin County.

EAST OCEAN BOULEVARD SIDEWALK IMPROVEMENTS, STUART, FL: This project entailed enhancing the existing crosswalks in downtown Stuart, primarily on Flagler Avenue, East Ocean Boulevard, and Colorado Avenue. Enhancements primarily included installing upgraded existing pedestrian crossing signs to fluorescent green colored signs, added crosswalk signs at locations that were previously omitted, added "crosswalk ahead" signs with flashing beacons at entrances to the downtown area, and added several brick paver crosswalks on East Ocean Boulevard at strategic locations including a raised crosswalk at the Memorial Park entrance. This project also involved replacement of the clay stormwater pipes and existing curbs, as well as lowering pavement grades to reduce flooding potential. This project was FDOT funded through LAP program.

TWIN RIVERS PARK, Martin County, Florida: Provided design through CEI services for a circular access drive into the park with stabilized parking, ADA compliant parking spaces, improvements to SE Seamark Place (traffic calming chicanes, resurfacing and on-street stabilized parking), lift station, sanitary sewer, water lines, fire hydrants, restroom facilities, drainage improvements, landscaping and ADA paved walkways to the existing fishing piers. Coordination with various sub-consultants included. This project was partially funded with an FDEP FL Recreation Development Assistance Program (FRDAP) grant.



INDIAN RIVER VETERAN'S MEMORIAL PARK, ST. LUCIE COUNTY, FL: CAPTEC was contracted for the design, permitting and construction observation of the improvements to the Indian River Veteran's Memorial Park project. The park improvements include conformance with ADA requirements and corrections to the flooding issues presently experienced at the park. The project entails rebuilding restroom facilities, driveway and parking area improvements with pervious pavers; monuments, grand entrances, sheet piles, box culverts and paver walkways, a stormwater treatment plan for water quality benefits to the Indian River Lagoon including lakes, bioswales, fountains, and flucc logs.



JOSEPH W. CAPRA, P.E.
RESUME – PAGE TWO

INDIAN TRAIL IMPROVEMENT DISTRICT, WEST PALM BEACH, FL: CAPTEC supports the District Engineering on Stormwater Management items which entailed the updating of the GIS LIDAR Data by FEMA to remap this rural area of Palm Beach County. This remapping, with the assistance of NorthStar Geomatics, Inc. removed substantial homesites from the FEMA Area Zone A, Flood Zones, potentially removing the need for flood insurance for a substantial number of residents. CAPTEC also reviews all transportation items for the District relative to slope protection along canals, pipe size improvements, roadway designs, infrastructure improvements and stormwater treatment lakes planned for the various major arterial roadways. Services include: Stormwater Modeling/ Stabilization/ Plan Preparation/ Regulatory Permitting Experience/ Construction Administrative Services. Government type improvements with Grant Assistance will be provided.

EASTERN WATERSHED IMPROVEMENT PROJECT (EWIP), PORT ST. LUCIE, FL: The Eastern Watershed Improvement Project (EWIP) is a water quality and flood protection stormwater improvements for the Drainage Basins located in Eastern Port St. Lucie. The project includes setting standards, developing a model for the 4,860 Acre Basins, developing alternative improvements, acquiring land, preparing construction plans, improving flow ways within sensitive creeks and canals, preparing and monitoring mitigation plans that contain Stormwater Treatment Area (STA) Plantings. CAPTEC prepared all design, obtained permits and assisted during construction. CAPTEC filed several Grant applications to provide funding for the project.

WARNER CREEK RETROFIT, MARTIN COUNTY, FL: Provided preliminary research, design, and modeling for a multi-phase retrofit project that encompasses over 5,100 acres, of which 650 acres received little or no water quality treatment. Phase 1 of the project used the installation of exfiltration trenches and baffle boxes to provide water quality treatment within the upland areas and to intercept stormwater runoff prior to it getting to the Warner Creek Canal. Phase 2 of the project involved the creation of a 3.2 acre sedimentation basin/STA and 135' wide weir/diversion structure at the downstream end of Warner Creek to reduce the pollutant loads to the South Fork of the St. Lucie River. An 80' wide pedestrian bridge was also installed to replace the boardwalk that was causing maintenance problems and impeding flow within the main channel. Phase 3 of the project included the widening of the upstream portion of the canal and replacing an undersized multi-barreled corrugated metal culvert crossing with a larger concrete box culvert. Flow weighted composite sampling of Warner Creek STA is being used to determine the effectiveness of the Phase 3 area. By using this multi-phased construction approach, we were able to increase the capacity of the flow way without creating negative environmental impacts and residential homes. As part of the original grant documentation, an estimate of the pollutant load reduction was performed for the basin upon the assumption of exfiltration being utilized for the overall basin. The project objective is to quantify the effectiveness of this project by comparing the originally anticipated reductions to the measured and calculated amounts from the various phases of the project. CAPTEC has been contracted by Martin County to perform Effectiveness Monitoring Services required by Florida Department of Environmental Protection (FDEP) Section 319 Grant #G0264 for the Warner Creek/Leilani Heights Water Quality Retrofit Project. This project included over \$1M in funding from St. Lucie River Issues Team and FDEP.

COLORADO AVENUE IMPROVEMENTS, STUART, FL: Design / Permitting / Construction Engineering Inspection (CEI) services were performed for the Colorado Avenue corridor (including portions of MLK, Jr. Blvd. and Kindred Street). The existing roadway corridor was designed to facilitate on-street parking, landscaped curb extensions, bike lanes, 2-10'-wide travel lanes and a large landscaped median and a round-a-bout at Martin Luther King, Jr. Boulevard. CAPTEC completed a traffic study to determine the need for the existing traffic signal at the Kindred Street intersection and conducted multiple public meetings. Construction observation services included meeting attendance, shop drawing review, pay estimates / grant funding requests, MOT compliance, and final inspection verifying punch list items were completed. The project was funded with CDBG Funds.



GARY L. S. JONES
DIRECTOR OF CONSTRUCTION
2004 to PRESENT: CAPTEC ENGINEERING, INC.



PROFESSIONAL QUALIFICATIONS

Civil Engineering, James Madison University, Virginia
Civil Engineering, Broward Community College, Florida
Professional Civil Engineer (FL PE License No. 51985)

PROFESSIONAL AFFILIATIONS

Florida Engineering Society Treasure Coast Chapter

EXPERIENCE SUMMARY:

Mr. Jones manages all construction projects for CAPTEC Engineering, Inc. Mr. Jones has over 30 years experience in construction management and administration, project engineering, and construction inspection, having extensive experience on highway, roadway and bridge projects as well as drainage, water, wastewater and parking facilities for municipal projects. Mr. Jones provides constructability reviews prior to completion of Approved for Construction Plans and also prepares bid quantities / cost estimates, shop drawing reviews, product approval reviews, and pay request recommendations. Additionally, Mr. Jones has vast experience in bacteriological test observations and roadway density testing. Certifications held by Mr. Jones include: #13843/American Traffic Safety Services Association (ATSSA); Contract Administration/Federal Highway Administration (FHWA); Certification #Z20902/International Municipal Signal Association (IMSA); Safety Inspection of In-Service Bridges/National Highway Institute (NHI); Engineering Concepts for Bridge Inspectors (NHI); Basic Micro Station; Construction Contract Interpretation; Consultant CEI Issues/Panel Discussion Consultant Series; Final Estimates; and Negotiating/Legal/Structures Consultant Series.

COLORADO AVENUE IMPROVEMENTS, STUART, FL: CAPTEC created a final walkable City design plan for the Colorado Avenue corridor (including portions of Martin Luther King, Jr. Blvd and Kindred St.). The existing roadway corridor was designed with a view to facilitate on-street parking, ADA Sidewalks, landscaped curb extensions, bike lanes, 2-10' wide travel lanes and a large landscaped median and a round-a-bout at Martin Luther King Jr. Blvd. Construction observation services including meeting attendance with meeting minutes, shop drawing review, pay requests, MOT set up, and final inspection verifying punch list items have been dealt with. This project was funded with CDBG funds.

CITY OF STUART I.Q. MAIN, STUART, FL: Provided design, permitting and CEI services for a new IQ main from the Wastewater Treatment plant on Stypmann Blvd, down Georgia Ave to Martin Luther King Jr. Blvd., down along the western edge of the Public Safety Complex, to just south of the 10th Street Recreation Area Ball Fields batting cages. Construction was completed in early 2010. Phase II construction extended the lines from 10th Street to Dixie Highway to the Airport, across US1 to the Jail site and then down to Pomeroy/Willoughby Blvd. intersection. Construction included over 32,000 L.F. of 12-30" pipe and over 6,700 L.F. of directional drilling and directional bores, when completed, under busy downtown streets, the FEC Railroad and several major thoroughfares such as U.S. 1.

ELDORADO HEIGHTS STORMWATER IMPROVEMENTS, MARTIN COUNTY, FL: Due to flooding experienced by residents of this City of Stuart Neighborhood during Tropical Storm Fay, the City was secured +\$600,000 in CDBG funds for stormwater improvements. CAPTEC designed an innovative stormwater system interconnecting the neighborhood with existing stormwater systems at the City's Water treatment Facility and Guy Davis Park. The system includes roadside swales, catch basins, and pipes, complimented by exfiltration trenches and a dry retention area providing water quality treatment.



GARY L. S. JONES, P.E.
RESUME – PAGE TWO

MARTIN HEALTH SYSTEMS-NORTH CAMPUS ENTRANCE, Stuart, FL:

CAPTEC provided construction administration services for the Martin Memorial Hospital North Campus entrance enhancement which included full construction administration services to oversee improvements for drainage, parking, sidewalk, cross-walks, ADA improvements, brick paver installation, roadways, railings, conflict manholes, utility adjustments, landscaping, hardscaping, lighting, irrigation, signing and pavement marking. Additionally, Mr. Jones reviewed contractor pay requests and change orders. Mr. Jones coordinated with multiple contractors and other professionals to complete this \$2 Million project within 102 days.



SR-707 TURN LANE/WRIGHT Blvd. & SR-707 INTERSECTION, FM#426252-1-58-01/ARRA 033B, STUART, FL:



Provided CEI services for the Southbound Right Turn Lane on SR-707 at NW Wright Boulevard. Improvements included roadway intersection widening, sidewalk / Type F curb construction, up-grading of 4 handicap ramps & the signal to include optical vehicle detectors, additional pedestrian signals, a new controller; milling and resurfacing of ±640 LF of SR-707 centered on either side of Wright Blvd.; installation of new pavement markings & signage. FDOT/ARRA/LAP funded project subject to associated criteria and conditions including federal reporting requirements. A sub-consultant provided an Asphalt Plant Inspector; they

also provided ARRA forms to CAPTEC for submittal to Martin County. This LAP project was completed under budget.

PORT SALERNO BOARDWALK, Martin County, FL: Provided CEI services for an 800-ft. long boardwalk at the Port Salerno Civic Center area of Port Salerno, Martin County, Florida. Specific services encompassed preparation of construction drawings for the boardwalk improvements, including layout, permitting information and structural details. The boardwalk design was located within the upland immediately adjacent to and waterward of the mean high water line. Conducted/prepared presentations for neighborhood public meetings.



MARTIN HEALTH SYSTEMS, TRADITION MEDICAL CENTER, Port St. Lucie, FL:

Provided part-time CEI services for site improvements at this 20-acre, 88-bed, 2-story hospital site on a vacant parcel located in Tradition/ Southern Grove along Gatlin Blvd. and Interstate 95 in Port St. Lucie. Specific services include attending weekly meetings, providing site inspections, and responding to RFIs throughout construction duration of this design-build project. Construction was completed in December 2013.



RHETT KEENE, P.E., LEED AP
PROJECT MANAGER
2001 to Present: CAPTEC ENGINEERING, INC.



PROFESSIONAL QUALIFICATIONS

Soil and Water Specialization, University of Florida, 1997
B.S., Agricultural Engineering, University of Florida, 1997
Professional Civil Engineer (FL PE License No. 65626)
LEED AP GBCI No. 10251793

PROFESSIONAL AFFILIATIONS

Florida Engineering Society, Treasure Coast Chapter
American Society of Agricultural Engineers
American Society of Civil Engineers

EXPERIENCE SUMMARY:

Mr. Keene provides expertise in soils, water transport, drainage, hydrology, hydraulic modeling and design. Mr. Keene serves as Project Manager for CAPTEC's current continuing services stormwater contract with Martin County. He served as Project Manager for various roadway / stormwater improvements in Tradition: 12 miles of roadway, over 16 projects, with a value of +/- \$44,000,000. Additionally, Mr. Keene provided project management (including design, permitting and construction administration services) for site, roadway and utility services for several large developments in Indiantown, as well as a residential equestrian subdivision in Port Mayaca. Mr. Keene served as a Project Manager for the City of Port St. Lucie's Eastern Watershed Improvement Project (EWIP): a storm water improvement project encompassing the eastern portion of the City and assisted the City by cataloging all existing facilities and creating an Operations and Maintenance Manual for the City of PSL.

RIO/ST. LUCIE WATER QUALITY RETROFIT, PHASE 1, MARTIN COUNTY, FL: Prepared a Preliminary Engineering Report to; identify deficiencies in flood protection and water quality treatment in the basin and propose improvements to remedy deficiencies. Based upon County acceptance of that report CAPTEC prepared final design plans, provided permitting services, prepared construction drawings, and provided limited construction services for Phase 1B stormwater improvements within the Rio / St. Lucie Water Quality Retrofit. This phase of the work included surveying, environmental services, analysis and final design and construction plans preparation, cost estimating, regulatory permitting services and limited construction administration services for implementation of the proposed improvements.

EASTERN WATERSHED IMPROVEMENT PROJECT (EWIP), PORT ST. LUCIE, FL: The Eastern Watershed Improvement Project (EWIP) is a water quality and flood protection stormwater improvements for the Drainage Basin located in Eastern Port St. Lucie. The project included setting standards, developing a model for the 4,860 Acre Basin, developed alternative improvements, acquired land, prepared construction plans, improved flow ways within sensitive creeks and canals, prepared and monitored mitigation plans that contain Stormwater Treatment Area (STA) Plantings, obtained permits and assisted during construction.



BARLEY BARGER SWAMP RECREATIONAL BOARDWALK REVIEW and REPAIR RECOMMENDATIONS, MARTIN COUNTY, FL: Reviewed existing conditions of a +5300 L.F. boardwalk structure along with 2 pavilions and 2 restrooms located along the boardwalk. Collaborated with a sub-consultant structural engineer and marine contractor to provide a more comprehensive overview of existing conditions and recommendations. Prepared a written report of the existing addition, made recommendations for improvements and set aside a 5-year monetary budget for the facility to allow access to the public.



CORAL REEF SEAWALL, CITY OF PORT ST. LUCIE, FL: Provided design, permitting, construction administrative services for the replacement of approximately 110 feet of the existing seawall. Post design services have included preparation of the construction specifications and bid documents, answering questions about the design during the bid process, attending the pre-construction meeting and progress meetings, as needed, and resolving design issues identified in the field during construction.

MANATEE CREEK BASIN STORMWATER IMPROVEMENTS, MARTIN COUNTY, FL: Provided Preliminary design, analysis and coordination with regulatory agencies, surveying & limited environmental review of the Stormwater Improvement Areas (STA's) was complete. Prepared Preliminary Design Report and coordinated with governmental agencies for preliminary approval of the construction of Water Quality and Stormwater Management Improvements within the Basin. The project was structured to include various phases of final design plans and specifications for construction. All phases of construction are completed.



STUART BEACH IMPROVEMENTS, MARTIN COUNTY, FL: Provided civil engineering design, landscape design, irrigation design, geotechnical services, electrical/lighting design, permitting and CEI services for a 4.60-acre parcel located on the Atlantic Ocean in Martin County. The project consists of designing a circular access drive off of Stuart Beach main access road with stabilized parking, improvements for a playground and pavilions, water services for the pavilions, drainage improvements, irrigation, electrical/lighting and landscaping improvements.

TRADITION MEDICAL CENTER, Port St. Lucie, FL: Completed design, permitting and CEI services for site improvements at this 20-acre, 88-bed, 2-story hospital site on a vacant parcel located in Tradition/Southern Grove along Gatlin Boulevard and Interstate 95 in Port St. Lucie, Florida. Construction was completed in December 2013.



TRADITION TOWN CENTER, Port St. Lucie, Florida: Provided preliminary engineering and final design services for site paving, grading, drainage and utility plans for a 2-story office/retail space totaling 44,960 square feet. Other phases of this project included a community center and 2-story parking garage. The work included setting the finished floors and tying together all ADA sidewalks to access the office buildings, retail centers, Publix shopping center, Tradition Hall, Promenade and active fountain areas. The project included assisting the contractor and architect with the building permitting. Utility design included water main extension and service to the buildings and gravity sewer service in accordance with Port St. Lucie Utilities Systems Department and FDEP. The drainage design includes necessary requirements for SFWMD and the City of Port St. Lucie. The total parcel area is approximately 5.42 acres including buildings and parking lots. The projects were done in 3 phases with minor modifications done for several years. The project was completed from 2003 -2012.

MARTY L. MORLAN, P.E.
SR. PROJECT MANAGER
2014 to PRESENT: CAPTEC ENGINEERING, INC.



PROFESSIONAL QUALIFICATIONS

B.S., Civil Engineering, University of Florida, 1987
Professional Civil Engineer (FL PE License No. 45326), 035997 Georgia

PROFESSIONAL AFFILIATIONS

Florida Association of County Engineers and Roadway Superintendents

EXPERIENCE SUMMARY:

Mr. Morlan is a professional engineer with over 26 years of experience in the planning, design and construction of a wide variety of civil engineering projects including transportation, civil/site, stormwater masterplanning/infrastructure, recreational Trail and park development. He has been responsible for the preparation of preliminary design, project development and engineering evaluation studies; final design plans preparation of construction plans and permit documents; preparing stormwater studies and designs; cost estimating and bid evaluations; coordinating Sub-Consultants; conducting public meetings; utility coordination; performing post-design services during construction; performing Project Management duties and Quality Control reviews. He has provided quality control reviews of stormwater designs and roadway designs for Cities, Counties and FDOT.

SE KINDRED STREET/SE JOHNSON AVENUE IMPROVEMENTS, STUART, FL: Mr. Morlan was responsible for assisting in the preparation of the TAP Grant Application for this proposed streetscape, traffic calming, pedestrian improvement and parking improvement project. He oversaw the development of the concept plan, TAP application, cost estimate and coordination with the Martin County MPO.

CURTIS PARK SITE and MARINE IMPROVEMENTS, CITY of MIAMI, FL: Responsible for the preparation of site-civil improvements to this existing City Park which includes the expansion/ reconfiguration of parking areas to provide additional parking for vehicle-boat trailers. The project also included the reconstruction of several recreational docks as well as improvements to existing seawalls.

LOCKHEAD MARTIN, MISCELLANEOUS CIVIL and STORMWATER IMPROVEMENTS, OLDSMAR, PINELLAS COUNTY, FL: Managed this miscellaneous contract which included 3 task assignments: preparing a stormwater evaluation report of the Lockheed Martin 80 acre site, preparing construction plans and permit documents for improvements to drainage conveyance, evaluation and recommendation report for 13 acre asphalt parking lot improvements.

USF POLYTECHNIC UNIVERSITY, MISCELLANEOUS TRANSPORTATION SERVICES, POLK COUNTY, FL: Served as technical consultant for the transportation-related services for the design of entrance/access roadways including roundabout. Provided sight-distance/safety reviews, signing/pavement marking designs and roadway geometric design.

HILLSBOROUGH COUNTY AVIATION AUTHORITY, TAMPA INTERNATIONAL AIRPORT NORTH EMPLOYEE PARKING LOT PROJECT, TAMPA, FL: Following the 9/11 attack on WTC, the HCAA increased the security personnel and needed a parking facility for 600 additional employees at TIA. Mr. Morlan lead the design and permitting under a fast-track schedule for the large parking lot facility. Included in the project was lighting, stormwater, wetlands permitting as well as a security building and coordination with the FAA air clearance requirements.



MARTY L. MORLAN, PE
RESUME – PAGE TWO

HILLSBOROUGH COUNTY AVIATION AUTHORITY, TAMPA INTERNATIONAL AIRPORT AIR CARGO EXPANSION PROJECT and FEDEX DESIGN-BUILD CONTRACT, TAMPA, FL: Served as lead design engineer for this airfield, roadway, utility and site construction project within the Drew Park area adjacent to TIA.

WEEDON ISLAND PRESERVE PARK IMPROVEMENTS, PINELLAS COUNTY, FL: Designed roadway, parking, drainage & utility for new proposed security entrance and gatehouse to County Park. Also was responsible for consultant coordination for the design of the 3-story observation tower, boardwalks, wooden dock and asphalt parking areas within this Pinellas County Park.

GERDAU BALDWIN STEEL MILL FLOODPLAIN MAPPING, JACKSONVILLE, FL: The Engineer of Record for the stormwater evaluation and floodplain map revision of this 850 acre steel mill site in western Jacksonville. Mr. Morlan prepared an ICPR stormwater model of the subject property to determine the 100-year floodplain elevation for the property. The model development included calibration using Tropical Storm Debbie (17 inches rainfall/72 hrs.) Services included: stormwater modelling, City of Jacksonville permitting, preparation of a FEMA FIRM LOMR.

FDOT DISTRICT 7: PARK ROAD, I-4 (SR 400) to SAM ALLEN ROAD, HILLSBOROUGH COUNTY, FL: Served as the QC Drainage Engineer performing Quality Control and ERP permit application preparation relative to drainage design aspects for this 4-lane reconstruction project.

LUTZ LAKE FERN ROAD FINAL DESIGN from SUNCOAST PARKWAY to DALE MABRY HIGHWAY, HILLSBOROUGH COUNTY (PUBLIC WORKS), FL: Served as the Project Manager and Engineer of Record for the final design and permitting of this 4.0 mile long \$23M four-lane divided urban arterial roadway project. Extensive public involvement, permitting, traffic control plans, stormwater design and pond siting. Included were 6 mastarm traffic signalized intersections, 6 stormwater ponds, 3 floodplain compensation areas, 2 wetland mitigation areas. Construction plans were coordinated with the opening of new high school and new Suncoast Parkway Interchange along the project.

PASCO COUNTY SR/CR 54 – MAGNOLIA BOULEVARD to EAST of I-75, WESLEY CHAPEL, FL: Served as Project Manager and Engineer of Record for roadway and drainage for this 2.3-mile arterial 4-lane divided urban roadway reconstruction project for Pasco County. His responsibilities included extensive drainage design and permitting. Project included modifications under I-75 Bridge and connections/modifications to the access ramps.

SUNSET POINT ROAD (CR 576) ROADWAY PD&E from US ALT 19 (SR 595) to KEENE ROAD, PINELLAS COUNTY (PUBLIC WORKS), FL: Served as the Project Manager and Engineer of Record for the preparation of a Preliminary Engineering Report for this 2.0 mile transportation improvement project and included 3 typical section alternatives (2-lane enhanced 3R urban, 3-lane urban and 4-lane divided urban roadways), stormwater pond siting alternative report, traffic analysis, 6 traffic signals, bridge replacement project and wetland mitigation/floodplain compensation.

INTERSECTION IMPROVEMENTS at N. VALRICO ROAD/FRONT and CSX CROSSING MODIFICATIONS, PINELLAS COUNTY, FL: Served as Project Manager and EOR for the development of roadway/drainage design plans to add left turn lanes, traffic signalization mastarms and pedestrian crossing. Project required coordination of the design with CSX representatives Final design and alignment was developed to save \$500,000 of railroad track switch relocation from earlier study.



HAROLD L. TOURJEE, JR.
CADD / Production Manager
2002 to Present: CAPTEC ENGINEERING, INC.



PROFESSIONAL QUALIFICATIONS

Ph.D. studies, Plasma Physics, University of Texas, Austin, Texas
M.S., Physics, University of Texas, Austin, Texas, 1984
B.S., Physics, University of Texas, Austin, Texas, 1983

EXPERIENCE SUMMARY:

Mr. Tourjee has over 25 years experience in the analysis and design of drainage and stormwater utilities systems, water distribution and sanitary sewer collection systems, land development, and municipal highway and roadway projects. Additionally, Mr. Tourjee is expert in computer programming and the use of software packages including the Highway Capacity Analysis Program, Santa Barbara/SCS Hydrograph-Flood Routing Analysis Programs, the AdICPR Drainage Analysis Program, and the KYPIPE Piping Network Analysis Program.

CITY OF STUART I.Q. MAIN, STUART, FL: Provided design, permitting and CEI services for a new IQ main from the Wastewater Treatment plant on Stypmann Blvd, down Georgia Ave to Martin Luther King Jr. Blvd., down along the western edge of the Public Safety Complex, to just south of the 10th Street Recreation Area Ball Fields batting cages. Construction was completed in early 2010. Phase II construction extended the lines from 10th Street to Dixie Highway to the Airport, across US1 to the Jail site and then down to Pomeroy/Willoughby Blvd. intersection. Construction included over 32,000 L.F. of 12-30" pipe and over 6,700 L.F. of directional drilling and directional bores, when completed, under busy downtown streets, the FEC Railroad and several major thoroughfares such as U.S.1.

MARTIN HEALTH SYSTEMS – NORTH CAMPUS ENTRANCE, Stuart, Florida: CAPTEC designed the entrance enhancement plan by providing an evaluation of the existing drainage, pedestrian and vehicular circulation patterns, and parking efficiency utilizing the existing survey and campus drainage report previously prepared by CAPTEC. Provided additional improvement recommendations and cost estimates for a series of options based on area calculations for the various design elements such as proposed drainage and parking solutions; site lighting; and directional signage. The project area included the main entrance drive from Osceola Street to the porte-cochere front door; the surface parking areas (east and west of the main entrance drive); Osceola Street frontage (adjacent to eastern surface lot to Amerigo and from the main entrance west in front of the parking garage); and the immediate foundation planting and gathering spaces adjacent to the porte-cochere. The project challenge included building the improvements within 3 months while the hospital was in operation 24/7.

CITY OF STUART RIVERWALK BOARDWALK EXTENSION, STUART, FL: CAPTEC has completed the design, and is currently within the permitting phase of services of the approximate 450 linear-foot boardwalk extension from St. Lucie Avenue to Colorado Avenue.

CITY OF STUART POLICE / FIRE DEPARTMENT COMPLEX, STUART, FL: CAPTEC provided the initial bond sale information and mandates for a new City of Stuart Police and Fire Station to replace the stations destroyed following the 2004 hurricanes. Upon receipt of the public's approval of a City of Stuart tax, CAPTEC was hired with an architect team to design, permit and provide bid and contract documents to build the new Police Station and Fire Department Complex.



HAROLD L. TOURJEE, JR.

RESUME – PAGE TWO

SOUTH MARTIN REGIONAL UTILITY AWS GRANT – I.Q. PIPING, HOBE SOUND, FL: Designed +7,000 LF of IQ main. Extension of existing line included directional bore pipe crossings in FEC or roadway R/W, tie into existing 12" IQ line; submitted permits to the FDEP, FDOT, and FEC Railroad & construction administration/certification.

8" WATER MAIN DESIGN/COLORADO AVENUE, CITY of STUART, FL: Design and permitting for water main improvements along U.S. 1 from Colorado Ave. to the Aycock Funeral Home and in the residential neighborhood on SW Channel Ave., SW Pinewood St. & SW Mc Pherson St. The improvements will include installation of an 8" water main under existing sidewalk on the NE side of the road using directional drilling operations. 8" and 6" water mains will be installed in the residential streets to interconnect existing water mains with the proposed 8" water mains to form a 3 street loop between U.S. 1 & S Colorado Ave. adjacent to Frazier Creek. The proposed 8" water main on SW Channel Ave. will be interconnected on the east to the existing 8" water main in the driveway extending from S Colorado Avenue.



MANATEE POCKET BOARDWALK, Martin County, Florida: The original project provided for planning, design, permitting and CEI services for boardwalks at the end of Bayview Street, Seaward Street & Salerno Road in the Manatee Pocket in the Port Salerno CRA. The second phase of the project included extending the Boardwalk northward of Bayview Street and southward from Salerno Road south and eastward toward Dixie Highway along the Manatee Pocket. Services include surveying coordination. The existing boardwalk is located within the upland immediately adjacent to and waterward of the mean high water line. CAPTEC prepared an Environmental Resource Permit application; standard Florida Department of Environmental Protection (FDEP) & U.S. Army Corps of Engineers (ACOE) permit applications were also prepared & submitted. Preparation of contract documents, pre-construction meeting attendance, limited construction inspections and field engineering certifications after receipt of as-built drawings by the County's contractor were also performed.

ELDORADO HEIGHTS STORMWATER IMPROVEMENTS, MARTIN COUNTY, FL: Due to flooding experienced by residents of this City of Stuart Neighborhood during Tropical Storm Fay, the City was secured +\$600,000 in CDBG funds for stormwater improvements. CAPTEC designed an innovative stormwater system interconnecting the neighborhood with existing stormwater systems at the City's Water treatment Facility and Guy Davis Park. The system includes roadside swales, catch basins, and pipes, complimented by exfiltration trenches and a dry retention area providing water quality treatment.

WESTERN PALM CITY CORRIDOR, MARTIN COUNTY, FL:

Transportation / Drainage Design, including preliminary and final design drawings for roadway, signalization, limited lighting, quantities and cost estimate for a 5.7-mile roadway illustrating various typical roadway sections. Completed a Storm Water Analysis / Drainage Report for the area, utility investigation, Pre-Cast Arch Bridge Sizing Analysis, and Bridge Development Report for the C-23 2-lane bridge crossing addressing alignment, design criteria, bridge geometry, SFWMD right-of-way criteria and City of Port St. Lucie requirements. Permitting included: Martin County approval, SFWMD Right-of-Way, ERP and Water Use and Connection Permits, FDOT Access Connection / Signalization Permits, FDOT Drainage Permit and assisted the contractor with the NPDES permit.



Jeffrey Bouley
Senior Roadway Inspector
2014 to PRESENT: CAPTEC ENGINEERING, INC.



PROFESSIONAL QUALIFICATIONS

B.A Business Administration, Worcester Junior College, 1970
A.S, Wildlife and Forestry, Broward Community College, 1976

CERTIFICATIONS & TRAINING

Certificate of Qualification for Intermediate Maintenance of Traffic, Gainesville, Florida 2012,
CTQP - Earthwork Construction Inspection Levels 1 and 2, CMEC ACI - Concrete Field Testing Level 1
CTQP - Asphalt Levels 1 and 2, CTQP - Concrete Field Technician Level 1

EXPERIENCE SUMMARY:

Mr. Bouley has over 37 years experience in all aspects of project management and inspection of roadway, utility and bridge construction. While employed with the Florida Department of Transportation (FDOT) and Martin County, Mr. Bouley was responsible for numerous projects that included roadway milling and resurfacing, drainage installation, new and reconstruction of utility lines, reconstruction of low level and high level bridge replacements, bascule bridge construction, signalization installation and reconstruction of a local airport taxiway and drainage system. Mr. Bouley has a thorough understanding of FDOT and County standards and specifications and has successfully completed numerous FDOT, County and Municipal projects.

RECENT TRANSPORTATION PROJECTS WITH PREVIOUS EMPLOYERS:

INDIAN STREET ROADWAY IMPROVEMENTS FROM STATE ROAD 76 (KANNER HIGHWAY) TO STATE ROAD 5 (US HIGHWAY 1), Martin County, Florida: Senior Inspector for the reconstruction of 2-lane undivided highway to a 4-lane divided highway including new signalization, landscape, irrigation, street lighting system, and new mast arm signalization. (Design by CAPTEC)

PALM BEACH ROAD IMPROVEMENTS, Martin County, Florida: Senior Inspector for the reconstruction and widening of existing 2-lane roadway. Removal and reconstruction of existing pavement, sidewalk, drainage, water main replacement, signalization, landscape, irrigation, street lighting system, and new mast arm signalization. (Design by CAPTEC)

BECKER ROAD SEGMENTS 1, 2 and 3, Port St. Lucie, Florida: Senior Inspector responsible for reconstruction of Becker Road from 2 lanes to 4 lanes from I-95 to Athena Drive, approximately 3.5 miles. (Design by CAPTEC)

FDOT FM No. 230978-1-52-01: INDIAN STREET BRIDGE, Martin County, Florida: Senior Inspector for the design/build Indian Street Bridge Project. The project included reconstruction of 1.5 miles of roadway and a new bridge crossing the St. Lucie River. Responsible for inspection of drainage installation, roadway construction, paving, signing and street light installation.

FDOT FM No. 2302882-62-01, STATE ROAD 5/US 1: RIO MAR TO MIDWAY ROAD, Florida: Senior Inspector responsible for the reconstruction of 3.5 miles of State Road 5 from a 5-lane rural section to a 6-lane divided urban section. Work included box culverts, drainage, retention ponds, signals, and landscaping.

WILLOUGHBY BOULEVARD FROM COVE ROAD TO SALERNO ROAD, INCLUDING COMMUNITY DRIVE AND TOWER DRIVE, Martin County, Florida: Senior Inspector for new construction of 2-lane divided highway including excavation of three large retention ponds. Project also included landscape, irrigation, lighting system, and new mast arm signalization.

FDOT FM No. 231813-1-5201, STATE ROAD 9 (I-95), Palm Beach/Martin Counties, Florida: Senior Inspector for the milling and resurfacing with super pave asphalt from the Palm Beach/Martin County line to State Road 708. Project also included removal of exotic plants, fencing, articulated block cross-overs, and rehabilitating a high mast lighting system.

LISA-GAYLE HOLNESS, E.I.T.

Project Engineer

2013 to Present : CAPTEC Engineering, Inc.



PROFESSIONAL QUALIFICATIONS

B.S., Agriculture and Biological Engineering,
University of Gainesville, Florida. Engineer in Training

EXPERIENCE SUMMARY

Ms. Holness' engineering career began in 2005 as a Project Engineer. Ms. Holness' experience includes developing site utility systems and permitting for residential, agricultural and commercial communities in Martin and St. Lucie Counties. Responsibilities include preparing Florida Department of Environmental Protection (FDEP) Water Distribution and Sanitary Sewer Collection permits.

RIO ST. LUCIE STORMWATER RETROFIT, Martin County, FL: CAPTEC prepared a Water quality treatment plan developed for 45 acre residential community for improvements to include installation of approximately 2,000 lf of exfiltration trench and nutrient separating 2nd Generation baffle boxes that will treat stormwater runoff prior to discharge into the St. Lucie River.

DUNBROOKE, St. Lucie County, FL: Restoration of sheet pile weir drainage structure improvements. Design included Channel restoration and regrading with stabilization. In addition the H-10 weir structure will be re-stabilized with ABCB MATS to avoid seepage settlements. The construction for this project has been completed.

PARKS EDGE, St. Lucie County, FL: Evaluation of Stormwater modeling and drainage design to determine erosion damage repair locations, specific cross-street and/or side-lot pipes are being replaced and the extent of restoration included coating improvements to the A-1 and A-2 Control Structures. Designed replacement culverts to extend beyond vehicle and pedestrian clear zones on all streets. Replacement inlets were designed to eliminate drop-off hazards and the need for handrails.

OTHER DESIGN FIRM EXPERIENCE:

WATER and WASTEWATER TREATMENT PLANT, FORT DRUM, FL: Project Engineer during construction (under supervision of the Engineer of Record) for the construction of a \$4.5 Million renovated water / wastewater treatment plant to serve the Fort Drum Service Plaza along Florida's Turnpike. Reviewed the required submittals from vendors, addressed and responded to requests for information and conducted field visits to document the progress, installation and associated testing done by the subcontractors. Responsibilities included reviewing shop drawings for various water treatment plant components, +/-260K-gallon water storage tank, +/-25K-gallon reuse tank, +6-gallon hydropneumatic tank, water supply pumps, chlorination system, multimedia filtration systems, fire pump system, conduits and fittings; and wastewater treatment plant lift stations, aeration tanks, sludge tanks, chlorination tanks and an effluent discharge pond. The project was completed in 2013.

SFWMD EVERGLADES RESTORATION PROJECT, SFWMD, FL: Designed a +15,000 acre detention basin consisting of levees, conveyance canals and gated structures (with instrumentation and controls) to make timely releases to downstream basins as needed. Designed embankments with erosion protection, determining capacity of canals to minimize flooding impacts to surrounding areas and sizing gates to minimize head loss to downstream canals. Coordinated with geotechnical subcontractors to confirm design of earthen embankments, subsurface seepage controls and soil to be used for constructing levees (i.e. gradation, compaction, and water content). Verified subsurface conditions with geotechnical subcontractors for foundation of structures, erosion protection for side slopes and design of levee benches for seepage controls. Performed quality takeoffs for demolishing on-site berms and stockpiles to natural grade and for constructing levees, roadways, and parking lots.

301 NW Flagler Avenue, Stuart, FL 34994 * 772.692.4344 * Fax: 772.692.4344 * captecinfo@gocaptec.com





Jeffrey D. McGee, P.E., S. I.
Principal, Division Manager

Role: Project Manager
Office: 2011 South 25th Street, Fort Pierce, FL 34947
Phone: (772) 466-3773
Fax: (772) 468-3700
E-Mail: jmcgee@trcww.com

PROFESSIONAL EXPERIENCE

As a Principal of TRC Worldwide Engineering, Inc., Mr. McGee has extensive experience in project design for a full range of publicly and privately funded projects including municipal, educational, governmental, institutional, high-rise and commercial work. He has demonstrated his expertise in designs incorporating the full spectrum of engineered materials including wood, aluminum, steel and concrete.

With more than twenty-six years' experience, he is able to effectively manage both small and large-scale projects while providing a high level of service to the client.

Mr. McGee views each project with a fresh approach and provides functional solutions within budget and on schedule.

YEARS EXPERIENCE

Total Years' Experience: 26

PROFESSIONAL REGISTRATION

Registered Professional Engineer:
FL 45944
TX 103066
MT 18011PE
Special Inspector of Threshold Buildings
- FL SI 1114

EDUCATION

University of South Florida, 1987
- Bachelor of Science in Civil Engineering
specializing in Structural
University of South Florida, 1984
- Bachelor of Fine Arts

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers
American Concrete Institute
Prestressed Concrete Institute

City of Residence: St. Augustine

Principal-in-Charge for projects that include:

St. Lucie County Clerk of Courts
St. Lucie County Fire District
- Admin. Complex and Maintenance Facility
St. Lucie County Public Defender's Office
St. Lucie Fire District – Fire Stations #2 & #13
St. Lucie Fire District – Fire Station #6 (mark-up)
St. Lucie County – Fire Station FEMA Enhancements
St. Lucie County - Judicial Complex Renovation
St. Lucie County - Courthouse Annex Renovation
St. Lucie County Emergency Operations Center
- Annex Building
Intermodal Transfer Transit Facility, St. Lucie County
Bus Facility-Transportation Dept.
- Indian River Co. Schools
Indian River County Emergency Operations Ctr.
Indian River County - Fire Stations #2, #4 & #5
Martin County Public Safety Complex
Martin County Administration Building
- Investigation & Report
Martin County Courthouse – Break Room Addition
Martin County Community Center
Indian River County Administrative Complex
Port St. Lucie City Hall
Plantation City Hall
4th District Court of Appeals - Judges Chamber Addition
Jonathan Dickinson State Park, Jupiter
- Environmental Education Research Center
- Bath house
(2) Splash Parks, St. Lucie County
North County Park Pool Building, Indian River County
Smithsonian Aquarium Building, Vero Beach
South County Park-Phase II, Indian River County
Martin County Community Center
Jungle Trail/Pelican Isle, Indian River County
- Restroom Facility & Timber Observation Tower
Hugh Taylor Birch State Park Restroom Facility, Ft. Lauderdale
I. Lewis Ellis Memorial Park, Vero Beach
Harris Field Park & Community Center, Homestead
Bowditch Point Regional Park, Fort Myers Beach



Derek A. Wassink, P.E., R.A., S.I., LEED AP
 President, Structural Engineering Group

Role: Project Principal
 Office: 3590 NW 56th Street, Fort Lauderdale, FL 33309
 Phone: (954) 484-7777
 Fax: (954) 484-7834
 E-Mail: dwassink@trcww.com

PROFESSIONAL EXPERIENCE

As President of the Structural Engineering Group of TRC Worldwide Engineering, Inc., Mr. Wassink is responsible for managing design teams and project management for both public and private sector clients. Responsibilities include contract negotiations, analyzing work load and projecting manpower needs, development of plans and specifications, design team management, quality assurance, construction contract administration and project follow-through and coordination with all individuals involved in the successful completion of our projects.

Mr. Wassink has more than twenty-six years' experience in the design of municipal facilities, educational facilities, high-rise buildings, healthcare facilities, churches, clubhouses, building restoration, office buildings, roads, bridges, industrial plants, and parking garages.

Mr. Wassink, a LEED Accredited Professional, is the Group President of the Structural Group, with offices in Fort Lauderdale, Fort Myers, Fort Pierce, Jacksonville, Sarasota and Tampa, Florida; Atlanta, Georgia; Indianapolis, Indiana, Phoenix, AZ; Dallas, TX; and Nashville, TN.

YEARS EXPERIENCE

Total Years' Experience: 26

PROFESSIONAL REGISTRATION

Registered Professional Engineer:

Florida: PE 55303

Pennsylvania: PE 045286

New Mexico: PE 20408

Special Inspector/Threshold Buildings

Florida: 7020100

Registered Architect: NY #034567

EDUCATION

Master of Civil Engineering/1998

- Villanova University

Bachelor of Science in Civil Engineering/1987

- Princeton University

PROFESSIONAL AFFILIATIONS

American Consulting Engineers Council (ACEC)

Member of FEMA -

Urban Search and Rescue Florida Task Force 1

-Structures Specialist

Principal-in-Charge for projects that include:

- \$25 million Port St. Lucie Civic Center – 100,000 SF public facility
- \$20 million Brighton Reservation Public Safety & Administration Campus for the Seminole Tribe of Florida
- \$4.6 million, 13,600 GSF Village of Islamorada Administrative Center, Fire Station #21 & Public Safety Headquarters (withstand winds of 150 mph)
- \$8 million, 35,000 sq.ft. Wilton Manors City Hall, Police Station and Emergency Operations facility
- \$35 million, 132,000 GSF, Public Safety Complex for the City of Sunrise, FL (withstand a low Category 4 hurricane)
- \$46 million, 110,000 sq.ft. Collier County Emergency Operations Center in Naples, FL,
- \$6.1 million, 17,500 GSF Fire Station #14 for the City of Marathon, FL (withstand winds of 195 mph)
- \$3.5 million, LEED Certified Environmental Protection Department Laboratory in Broward County
- \$38 million Indiana & Purdue University Athletic Facility, Fort Wayne IN (105,000 GSF athletic facility)
- \$8 million FAU-Tom Oxley Athletic Center
- Ted Thomas Windmill Park
- Boynton Beach Intracoastal Park
- Coconut Creek Community Center: 36,000 square foot multi-purpose facility, including gymnasium, lockers, showers, offices, fitness and meeting rooms
- Wilton Station: \$70 million gated community that includes an elegant water feature at the entrance, a quaint landscaped "village lane" with fountains, a multi-level clubhouse with landscaped resort-style pool /spa, and a 300' waterfront boardwalk with gazebos
- W Fort Lauderdale Resort Hotel & Residences, a \$220 million, 2-tower, 23-story hotel and residences with a 5-level, 1020-space enclosed parking garage, located on Fort Lauderdale Beach
- Q-Club Resort & Residences, a 25-story, multi-use facility with a 420-space parking garage, located on Fort Lauderdale Beach

Gregory S. Fleming is President and co-owner of NorthStar Geomatics. A licensed Professional Surveyor and Mapper in the State of Florida, Greg has over 25 years of experience providing quality services to both public and private sector clients. Greg holds a Bachelor of Land Surveying Degree from the University of Florida. His experience includes nearly all phases of surveying and mapping services including boundary and topographic surveys, engineering design surveys, construction staking and asbuilts, mean high water and riparian rights surveys. Greg has also served as an expert witness at the circuit court level.

From 1991-1997, Greg served as the County Surveyor for Martin County, Florida. During his tenure at Martin County, Greg established the Martin County's Geodetic Control Network and secured a state grant from the FDEP for partial funding. He also drafted the technical language for the County's current plat ordinance.

Greg returned to private practice in 1997 as a shareholder and vice president with a private surveying and mapping firm that wished to expand their practice in Geographic Information Systems (GIS). He served as Principal in Charge of GIS and as Project Manager for FDEP surveying and ownership mapping projects.

Greg co-founded NorthStar Geomatics, Inc. with Mr. Frank Veldhuis in 2002 for the purpose of providing Surveying, Mapping and GIS services to public and private clients. As Principal in charge of surveying and mapping at NorthStar, Greg supervises all surveying and mapping projects for the firm as well as daily business operations and client development and client satisfaction.

RELEVANT EXPERIENCE

City of Port St Lucie, FL

Stormwater & Drainage Analysis of C-24/Monterrey & Cameo Watersheds
Principal Surveyor for survey, research, analysis / modeling services, and improvement recommendations and the preparation of the final report for the Stormwater and Drainage Analysis of the C-24/Monterrey and Cameo Watersheds project.

Martin County Florida, Skyline Water Main Project

Project Surveyor for Martin County's efforts to extend water service to approximately 250 residences on and near Skyline Drive. NorthStar provided staking of beginning and end bore sections as well as asbuilt services for the project.

City of Stuart, FL

Frazier Creek Pond Volume Calculation
Principal Surveyor for effort to compute the volume capacity of Frazier Creek Pond from the V-notch weir on the West side of the Pond to the beginning of the conveyance canal on the East side. Volume calculations were based on field measurements of depth of pond, top of bank, and toe of slope of sufficient interval to calculate volume for credit under the Florida Department of Environmental Protection's Basin Management Action Plans (BMAP) program.

City of Stuart, FL

Survey Support to Updates to City GIS Layers of Fern & Poinciana Streets, & Dixie Highway Retention Areas
Principal Surveyor for field work necessary to update the City's Stormwater ArcSED database in a limited geographical area of: Eldorado Heights, portions of SR707, Delaware Commons and SE/Tessler/SE Casa. Topographic survey and cross sections were performed as needed.

City of Stuart, FL

10th Street Water Treatment Plant and surrounding parcels
NorthStar staked and graded the parcel of land surrounding the City of Stuart Water Plant in preparation of a new fence to be installed by others. NorthStar was then asked to perform boundary surveys of the 10th Street Ball Fields as well as a parcel known to City officials as the 10th Street Turf and Grounds Parcel

City of Stuart, FL

Sign Inventory
Principal Surveyor for project to locate the geographic position of City maintained STOP signs, measure their reflectivity and utilize an existing Street sign inventory application, developed by NorthStar, to inventory each asset and its attributes.

Gregory S. Fleming

President / Principal
Surveyor & Mapper
NorthStar Geomatics, Inc.
P.O. Box 2371,
Stuart, FL 34995
(772) 781-6400
gregf@nsgeo.com

Education

Bachelor of Land Surveying, 1986, University of Florida

Professional Registrations

Florida Licensed Surveyor & Mapper # 4350

Professional Publications

Utilization of ArcPad and Mobile Technology to Update Street Signs in Local Government Co-authored with Kimberly Roden, Jason Drost; 2004 ESRI Conference Proceedings

Forecasting Housing Trends in the City of Stuart, Florida
Co-authored with Frank Veldhuis, 2003 ESRI Conference Proceedings

Professional Affiliations

Florida Surveying and Mapping Society (FSMS)
Past President, FSMS, Indian River Chapter
Martin County Chamber of Commerce

Community Involvement

Former Chairman and Board Member, Martin County Board of Zoning Adjustment, Leadership Martin County Class 8

Mr. Veldhuis founded NorthStar Geomatics, Inc. in 2002 with co-owner Gregory Fleming where he acts as GIS Senior Professional for the firm's GIS projects. Mr. Veldhuis provides daily management of the firm's various GIS endeavors. He is responsible for GIS project management, project design, production, quality control, technical support as well as client coordination and satisfaction. Mr. Veldhuis also serves as Technical Production Manager for City of Stuart GIS projects including ArcIMS and ArcSDE implementation, Hurricane damage and problem tracking application, Historical Properties GIS Mapping, Post Hurricane Analysis, Community Redevelopment Area (CRA) Valuation, Multifamily and single family valuation GIS, Water Meter Map Preparation.

Prior to the founding of NorthStar Geomatics, Inc., Mr. Veldhuis served as GIS Specialist for GCY, Inc. Among his chief duties was the creation and maintenance of over 20 GIS layers for the City of Stuart. He also was heavily involved in the Martin County Parcel Mapping Project. He provided GIS project design, production, and quality control for the project. Mr. Veldhuis also produced the Indian River Blueway Lagoon ownership mapping GIS for FDEP.

Mr. Veldhuis also served as Survey Supervisor for Geodetics Associates, Inc. There he provided Trimble equipment and software training for field crews and clients among other duties. His in-depth knowledge of field equipment and software has proven to be invaluable in ascertaining the most cost effective methods for obtaining field information and processing that data into valuable GIS layers for numerous companies.

RELEVANT EXPERIENCE

Martin County, FL

Sewer Master Plan Mapping

GIS Principal in ongoing effort to map and perform GIS analysis of the Martin County Utilities sewer system. Project includes creation of maps depicting the existing wastewater collection system, existing septic systems, and existing package plants throughout the Martin County Utilities service area. Project goals also include assigning flow values to existing developments not yet completed and maximum potential units to vacant parcels facing possibility of future development..

City of Stuart, FL

Sign Inventory

Senior GIS Professional for project to locate the geographic position of City maintained STOP signs, measure their reflectivity and utilize an existing Street sign inventory application, developed by NorthStar, to inventory each asset and its attributes.

City of Stuart, FL

Utilities Department Data Maintenance

Worked with Utilities Staff to update potable water, sewer, and stormwater GIS layers current through the use of construction as-built drawings and GPS field data collected by City Staff.

City of Stuart, FL

Aerial conversion and Stuart Compass reconfiguration

Created a raster mosaic of the 2013 ½ foot pixel resolution imagery for use by staff in their GIS maps. Migrated existing imagery out of the ArcSDE database and into an ESRI File Geodatabase that is stored on the City's W drive. NorthStar also created layer files in the City's GIS to assist City staff in finding and using the imagery in ArcMap. Existing imagery that was migrated includes 1995, 1999, 2000, 2003, 2004, 2007, 2009, and 2010. Also reconfigured the Stuart Compass mapping application to zoom in further. The default imagery is the new 2013 imagery as the default background imagery

City of Ft. Pierce, FL

Stormwater Asset Inventory

Field inventory of a select 10,000 structures within the City of Ft. Pierce. Horizontal location of the visual center of structures was obtained. Conventional techniques were used to determine the elevation of the top of inlet grates, then measure -down values were used from the grates to calculate invert elevations. Attributes for each structure were recorded using a ESRI ArcPad software and a custom developed ArcPad application. All field collected attributes, including elevations were provided in the City's GIS format.

Frank Veldhuis

Vice President/
Senior GIS Professional
NorthStar Geomatics, Inc.
P.O. Box 2371,
Stuart, FL 34995
(772) 781-6400
frankv@nsgeo.com

Education

Bachelor of Science, in
Geomatics,
University of Florida, 1999

Associate of Arts, Lake
Sumter Community Col-
lege, 1994

Professional Registrations

Florida Licensed Surveyor
and Mapper # 6582

Professional Affiliations

Member Florida Society
Mappers & Surveyors

Computer Hardware

Windows Servers, Net-
works, HP Plotters and
printers, Trimble 5700,
5800, R7, R8, Pro XRS,
Geo XT, TSCE, TSC2

Computer Software

ArcGIS Desktop, ArcSDE,
ArcIMS, Arc/Info
Workstation, ArcPad,
ArcView, Oracle, Sql
Server, SQL Developer,
Toad, Trimble Geomatics
Office, Trimble Pathfinder
Office, Autodesk Land
Desktop, Windows, Unix,
Linux, TDS, Survey Con-
troller

Elizabeth A. Lindsay, P.L.S

President



Title

Professional Land Surveyor

Education

A.A., Civil Engineering, Miami
Dade Community College,
Miami, Florida
1983

Professional Registration

Professional Land Surveyor, State
of Florida
License # 4724

Certifications

Certified 40 Hour
Hazmat/Health & Safety
Training

Years of Experience

Since 1985

Years with Betsy Lindsay, Inc.

Since April 1998

Affiliations

Florida Surveying Mapping
Society – FSMS State Chapter

Florida Surveying Mapping
Society – IRC Chapter

Past-President of the Treasure
Coast Chapter of the Florida
Surveyors and Mappers
Society 1996-1997

Adjunct Teaching Certification
2001-2003 Surveying at
Technical Specialty Level at
Indian River Community
College

Chairperson of the Education
Committee and Chairperson of
Trigstar for the Treasure Coast
Chapter of the Florida
Surveyors and Mappers
Society 1998-2001

Relevant Project Experience

■ **FIRE STATION 23** – Mrs. Lindsay was the Surveyor in charge of this project, which is located in the Hanson Grant on Kanner Highway just south of Indian Street in Martin County. - Perform a Boundary, Tree and Topographic Survey on the subject property to support the engineering design of a fire station. We were also involved with the construction staking and final asbuilt survey for this project.

■ **BRIDGE ROAD FLORA AVENUE** - This project is approximately 1000' long located on Bridge Road, in Hobe Sound, Martin County, Florida. Mrs. Lindsay was the surveyor in charge of this project. She directed the field crews with the set up of control, acquiring cross sections of the right of way and locating all existing above ground improvements with elevations and detail drainage structures. A survey was prepared with data collected in the field.

■ **STUART MIDDLE SCHOOL** - Mrs. Lindsay was the project surveyor in-charge. The boundary was verified, together with existing underground utilities. The crew staked out 29 drainage structures with offsets and elevations. We staked and graded the top of bank of the storm water ponds, two building pads, the sanitary lines and water lines and sidewalk, light poles and the new asphalt pavement. All newly constructed features were surveyed and a record survey was prepared. A sketch and legal description in support of an FPL easement was prepared.

■ **HALPATIOKEE REGIONAL PARK 114 ACRES** – Mrs. Lindsay was the lead surveyor in-charge of this Park project. Establish horizontal and vertical control. Stake all buildings with offsets and finished floor elevations. Stake centerline of road and edge of pavement at 50' intervals with elevations. Stake out one side of the asphalt path with elevations at PC's, PT's & PI's. Stake out top of bank of five dry retention areas. Stake out silt fence. Stake out all ball fields, soccer, football, roller hockey rinks and tennis courts for construction. Prepare as-built survey drawings.

■ **MCU NORTH WWTP** - A Topographic survey was prepared for a specific 200 foot x 200 foot area within the Jensen Beach Waste Water Treatment Plant. Established horizontal control tied to state plane coordinates NAD 83/99. We establish vertical control referenced to NGVD 1929 and set two onsite bench marks. The crew performed a topographic survey of that area and the survey was overlaid onto the Martin County GIS parcel.

David Joseph Wichser, P.S.M
Role: Project Surveyor



Title
Professional Surveyor and
Mapper

Education
Indian River Community
College Course work - Pre-
Engineering and Surveying;
University of Florida - Pre-
Engineering.

Professional Registration
Professional Surveyor and
Mapper: State of Florida,
1996, #5565

Certifications
Confined Space Entry
OSHA
MOT 2012 - 2015

Years of Experience
Since 1981

**Years with Betsy Lindsay,
Inc.**
Since October 1998

Affiliations
Teaching Certificate 1998 -
Surveying at Technical
Specialty Level at
Indian River Community
College

Past President of the
Treasure Coast Chapter
Florida Surveyors and
Mappers Society 1999-2000

Chairperson of the
Scholarship Committee for
the Treasure Coast Chapter
of the Florida Surveyors
and Mappers Society

Relevant Project Experience

- **TECO GAS DOWNTOWN COS – Martin County** - Mr. Wichser was in-charge of this project located in Stuart. Perform a limited topographic survey for Teco Gas line located in downtown Stuart commencing at SE Amerigo Avenue and SE Ocean Blvd. Proceeding west to serve natural gas customers along Ocean Blvd., Seminole Street and SE Florida Avenue in downtown Stuart area. Control points will be set using NAD 1983/1990 adjusted horizontal and NGVD 1929 vertical datum. Property corners will be located in this survey effort to establish the road right of way lines and the platted lot lines. Prepare a topographic survey at the completion of the project.
- **SR 76 KANNER HIGHWAY/US1 – Martin County** – Mr. Wichser was in-charge of the roadway project. Topographic Survey for the proposed Southbound Turn Lane onto Kanner Highway from US 1 located in Stuart, Florida. Supplement the existing topographic surveys on US1 and Kanner Highway to extend into the parking lot for the design of the turn lane. The extra topo will be collected from Kanner Highway north on US 1 for 500 feet and west of the R/W for US 1 for 40 feet into the existing parking lot. Process the field data and add it to the previous survey file. Create a Microstation drawing file. Create a Digital Terrain Model (DTM). Prepare a sketch & legal description for the R/W take parcels. Perform and prepare a boundary survey of the parent tract where R/W takes will occur.
- **PSL WATERSHEDS, ST. LUCIE, COUNTY** – Mr. Wichser was the Project Manger on the project. City of Port St. Lucie watershed A & B drainage improvements topographic surveys for 16 sites throughout the City. Set horizontal & vertical control at each site. Perform cross sections at 50-foot intervals and prepare a limited Topographic Survey.
- **KANNER HIGHWAY I-95 OFF RAMPS – Martin County** - Mr. Wichser was in charge of the field crew members collecting data on this project. This project is located in Martin County at the over pass of I-95 and SR 76/Kanner Highway. The project was to create a Topographic Survey to support Design of Improvements for bridge, roadway and off ramps.
- **CR 707 RIO ST. LUCIE STORMWATER PROJECT** - Recover and/or set horizontal and vertical for the construction staking. Stake and offset the drainage structures. Stake and grade the driveway and concrete flume. Perform and prepare final asbuilt survey on the site work when construction is completed.

SHAUN MACKENZIE

PROFESSIONAL ENGINEER (FL) 61751

Professional Credentials

Bachelor of Science, Civil Engineering, University of Florida

Master of Science, Civil Engineering, University of Florida

Professional Engineer in Florida

Professional Organizations

Institute of Transportation Engineers

Urban Land Institute

FDOT Maintenance of Traffic Intermediate Certified

Relevant Software Experience

Highway Capacity Software (HCS), Synchro, CORSIM, SimTraffic, FSUTMS (Cube/Voyager, Tranplan), AutoCAD, MS Word, MS Excel, MS Powerpoint, MS Access, Adobe Acrobat, LOSPLAN



KEY PROJECTS

Okeechobee County On-Call Reviewer, Okeechobee County, Project Engineer

Provide continuing traffic review services to Okeechobee County. We make concurrency determinations in accordance with the adopted code and provide our professional opinion to the County on matters of traffic engineering, including: queues, signal warrants, off-site improvements, parking requirements, circulation, site design, trip generation, traffic assignment, and trip distribution.

Okeechobee County Collector Street Plan, Okeechobee County, Project Engineer

Inventoried County collector facilities, performed existing conditions analysis capacity studies, and compiled the data into one database.

Concurrency Ordinance and Database, Okeechobee County, Project Engineer

Developed the County's concurrency management system ordinance and database to manage approved projects and quantify future traffic impacts on County roadways, including de minimis impacts.

Kingswood Academy Traffic Analysis Review, Park Pointe HOA, Project Engineer

Due to resident concern and as a third party consultant, MEP reviewed the Traffic Impact Analysis of a proposed school. The review required validation through field observations, review of the intersection analyses and assumptions, and a recommendation of findings. Based on the review, we found that the applicant's traffic consultant significantly underestimated traffic volumes. The project needed further analysis of two intersections, turn-lanes, and queues because the applicant underestimated projected U-turn movements. The findings were presented at public hearings to ultimately determine if the project would be recommended for approval.

St. Lucie West Boulevard Turn Lanes, Kolter Homes, Project Engineer

The project was for the design and permitting services of an additional left turn lane and the extension of the existing left turn lane on St. Lucie West Boulevard onto Peacock Boulevard. The project required collecting traffic volumes, vehicle queues and intersection timings along the St. Lucie West corridor and the St. Lucie West Boulevard/I-95 Interchange ramp signals. St. Lucie West Boulevard was modeled using collected data. The analysis showed that a 1,000 foot second eastbound left turn lane would provide adequate storage capacity and alleviate queuing at this intersection and greatly improve the arterial operation. Therefore, the design included a new 1,000 linear foot turn lane. The design included traffic signal modifications, typical section design, roadway design, landscaping evaluation and approval, signing and striping, stormwater design, maintenance of traffic plan, and new signal timing.

TLE Concurrency & Neighborhood Analysis, Project Engineer, Investments Limited, Project Engineer

A proposed school required analysis of its impacts on the neighborhood. The project required traffic data collection of similar schools, queuing observations, queuing analysis, analysis of the roadway network, analysis of the existing neighborhood, and analysis of the existing adjacent Montessori school. Based on neighborhood and school operations, we provided recommendations for hours of operation, traffic circulation, access, required parking, reservoir (throat) distance requirements, turn-lane improvements, and off-site improvements.

Multimodal Facility Parking Study, Boca Raton, Project Engineer

Observed and studied the multimodal activity at the mixed use facilities adjacent to public on street parking and public beaches. Determined how they operated independently as well as a network. Developed correlations between the existing uses, multimodal usage, connectivity, and determined the parking demand for the mixed use facilities.

Aldi Supermarket - Concurrency & Safety Analysis, Bohler Engineering, Project Engineer

Located at SLW Blvd & Cashmere Blvd. Collected traffic count data, performed LOS interpretation and reporting, site impact analyses, internal capture analysis, occupancy adjustments, congestion management solutions, access management, access management solutions, and safety analyses.

SLW DRI Notice of Proposed Change (NOPC) & Fountainview PUD Traffic Impact Analysis, Montville Center Associates LP, Project Engineer

Performed a traffic study for the Fountainview PUD located within the St. Lucie West DRI. In conjunction with this analysis, we performed a NOPC to the SLW DRI. The SLW DRI NOPC decreased non-residential and increased residential land use. The Fountainview PUD included LOS interpretation, LOS reporting, internal capture analysis, access management, and access management solutions.

Congress Avenue Corridor Study, Palm Beach County, FL.

Examined existing traffic conditions and traffic flow relationships on a two-mile segment of Congress Avenue. Projected future traffic and traffic flows and presented multiple alternatives to mitigate congestion and determine future roadway needs after the approval of numerous projects along this corridor.

Pedestrian & Bicycle Routing Plan, PBC Tri-Rail Station, Palm Beach County, FL.

Performed an inventory of existing facilities surrounding the Tri-Rail stations and coordinated efforts with Palm Beach MPO, and the six local jurisdictions with existing stations to develop routing plans for pedestrians and bicyclists. Developed signage plans for implementation of Tri-Rail bicycle and pedestrian plans. Outlined numerous improvements to assist in obtaining grant funding.

Downtown Sarasota Mobility Study, Sarasota, FL.

Examined existing traffic conditions and traffic flow relationships in the downtown area. Projected future traffic and traffic flows and evaluated multiple alternatives to relieve congestion and determine future roadway needs for the area. Performed VISSIM modeling on the preferred alternative for downtown Sarasota.

Traditional and Videotaped Traffic and Parking Data Collection, Various Locations, Project Engineer

Utilize Turncount personal device software as well as a portable video data recorder (PVDR) to collect and record data for a wide range of uses during multiple time periods including: multimodal travel data, turning movement data at major, minor, and driveway intersections, parking volumes, travel speeds, and video playback at presentations

Indian River County MPO, General Planning Consultant

A member of the team selected to serve the Indian River County MPO on a continuous basis. As a General Planning consultant, we provide assistance to MPO staff in the development of planning studies, producing technical documents, providing technical support and reviewing other transportation and planning studies.

KEVIN TREPANIER

PROJECT MANAGER

EDUCATION

Bachelor of Arts in Business Administration
Specialization in Civil Engineering
University of Florida, 2005



Professional Affiliations

ITE of the Treasure Coast
St. Lucie Transportation Planning Organization Citizen Advisory Committee (CAC)
Treasure Coast Transportation Council Regional Advisory Committee
FDOT Maintenance of Traffic Intermediate Certified

Relevant Software Experience

Highway Capacity Software (HCS), Synchro, CORSIM,
SimTraffic, FSUTMS (Cube/Voyager, Tranplan), AutoCAD,
MS Word, MS Excel, MS Powerpoint, MS Access,
Adobe Acrobat, LOSPLAN

Mr. Trepanier became a part of MacKenzie Engineering and Planning in 2012. Since joining the **MEP** team his responsibilities have included preparing performing engineering reports, transportation analysis, modeling, studies, transportation design, and intersection design.

KEY PROJECTS

Minto West Traffic Modeling, Palm Beach County, Project Manager

Performed an analysis of the traffic impacts resulting from the proposed project. Modified the roadway laneage and improvements to match the existing plus committed roadway network to the projected buildout year. Created additional Traffic analysis zones within the Greater Treasure Regional Planning Model (GTCRPM) to represent the proposed project and roadway laneage.

TLE Concurrency & Neighborhood Analysis, Project Engineer, Investments Limited, Project Manager

A proposed school required analysis of its impacts on the neighborhood. The project required traffic data collection of similar schools, queuing observations, queuing analysis, analysis of the roadway network, analysis of the existing neighborhood, and analysis of the existing adjacent Montessori school. Based on neighborhood and school operations, we provided recommendations for hours of operation, traffic circulation, access, required parking, reservoir (throat) distance requirements, turn-lane improvements, and off-site improvements.

St. Lucie West Boulevard Turn Lanes, Kolter Homes, Project Manager

The project was for the design and permitting services of an additional left turn lane and the extension of the existing left turn lane on St. Lucie West Boulevard onto Peacock Boulevard. The project required collecting traffic volumes, vehicle queues and intersection timings along the St. Lucie West corridor and the St. Lucie West Boulevard/I-95 Interchange ramp signals. St. Lucie West Boulevard was modeled using collected data. The analysis showed that a 1,000 foot second eastbound left turn lane would provide adequate storage capacity and alleviate queuing at this intersection and greatly improve the arterial operation. Therefore, the design included a new 1,000 linear foot turn lane. The design included traffic signal modifications, typical section design, roadway design, landscaping evaluation and approval, signing and striping, stormwater design, maintenance of traffic plan, and new signal timing.

PHILLIP R. DOVER, P.E., BCEE PRESIDENT, DOVER ENGINEERING, PLLC

Experience Summary

Professional engineer with 29 years of municipal engineering experience, 11 years in South Florida covering all aspects of utility and general civil engineering projects. Globally recognized as an AAEE Board Certified Environmental Engineer in Water/Wastewater, Mr. Dover is owner and president of Dover Engineering, PLLC.



Education

B.S., Civil Engineering, Tennessee Technological University, 1985

Extensive Continuing Education (250+ hrs)

Registrations

Professional Engineer: Florida, Georgia, and Tennessee (All Active)

Board Certified Environmental Engineer (BCEE), 2004

Experience

28 years

Memberships

- American Water Works Association
- Florida Rural Water Association
- Florida Water Environment Association
- Water Environment Federation

Honors/Awards

- Engineer of Record, FDEP Med. Water Plant of the Year 2012
- Exceptional Client Service Award, Brown and Caldwell, 2009
- 2008 Project Innovation Award Judge, International Water Association
- Letter of Recommendation, SMRU, 2008, 2009, 2012
- Letter of Recommendation, City of Stuart, 2009
- Chi Epsilon National Civil Engineering Honor Society

Publications

- Directional Drilling to Jupiter Island, Emphasis on "Directional", 2010 No-Dig Conference, Chicago.
- Efficient Solutions to Achieve the Best Value for a 6-Mile Water Main in an Urban Setting, ASCE Pipelines Conference, Miami, FL 2012, FSAWWA Orlando 2013.

Security Clearances

- TSA Security Clearance at All Maritime Transportation Facilities

City of Stuart, Florida Consultant selected for design of a Secondary Containment System at the City's Water Reclamation Facility to prevent migration of spilled sewage offsite. Design included containment walls, alarms, SCADA controls and a 1.5 MGD pump station and piping to collect any accidental sewage spills and discharge the sewage into an existing aeration tank. Project included FDEP permitting as a minor modification to the plant's operating permit. City will utilize in-house staff to construct the project. Electrical design was provided through DE's contract by subconsultant.

South Martin Regional Utility – Design and permitting as Engineer of Record for 11,000 feet of new and replacement water main for Hobe Heights neighborhood. Design incorporated fire protection and improved pressure and flow to existing customers as well as establishing new customer services where residents were utilizing private wells for supply.

South Martin Regional Utility – Provided design and construction services for 3,500 LF of 8-inch gravity sewer rehabilitation in Harbour At Hobe Sound waterfront neighborhood using CIPP. Contract documents were prepared utilizing a piggyback on Martin County's sewer rehab contract with Lanzo. Sewers range from 4 to 14 feet deep.

City of West Palm Beach – Subconsultant providing field services for inspection and evaluation of all 115 lift stations as part of the wastewater portion of the City's Utility Master Plan, including field locations of large diameter force mains for collection of pressure data. Prepared photo-documented technical memorandum of findings. Provided coordination for location of temporary flow meters. Prepared photo-documented technical memorandum for use by Prime Consultant.

South Martin Regional Utility – Analyzed gravity sewer system and pump station within the Florida Evangelical Association (FEA) neighborhood. Collected pump station operating data, calculated mass balance of water sold/water pumped, provided recommendations for correction of I/I. Flow monitoring was conducted using in-house Isco 4501 Pump Station Flow Monitor and software.

Wojcieszak & Associates, Inc.

Consulting Engineers

P.O. Box 2528
Stuart, FL 34995

833 E. 5th St.
Stuart, FL 34994



David A. Wojcieszak, P.E., LEED AP, QC_xP

30 Years Experience

772.286.8696

772.485.3042 cell

E-Mail: david@dwojo.com

Professional Objective

To enhance the engineering profession by providing sound economic and technical information based on personal experience and educational background.

Personal Background

Birth Date: July 12, 1955
Birth Place: Panama City, Florida
Marital Status: Married, 1976
Health: Excellent

Registration

Registered Mechanical Engineer, State of Florida (1985) – #FL32091
Registered Electrical Engineer, State of Florida (1982) - #FL32091
Certified LEED Accredited Professional – March 2009 to present
Qualified Commissioning Professional (QC_xP) – 2007 to present
Certified in Indoor Air Quality – 1992
Licensed Electrical Contractor, State of Florida (1982-2006) - #519

Education

Brown University, Bachelor of Science, Electrical Engineering, 1977

Continuing Education

ELECTRICAL

Lite Touch Training Seminar (1999)
Lutron-HomeWorks Interactive (1999)
McGraw-Edison Lighting Design (1983)
EC&M Conference on Electrical Construction (annually)

HEATING, VENTILATING & AIR CONDITIONING

ASHRAE-Chilled & Condenser Water Pump Design (2001)
Energy Gauge FlaCom (2001)
Centrifugal Pump Theory (1997)
Carrier-HVAC Acoustics (1996)
FP&L Performance Testing Workshop (1995)
FSEC, Energy Efficient Homes (1993)
University of Wisconsin Thermal Storage Design & Analysis (1991)
Trane Air Conditioning Clinic (1989)

PLUMBING

NFPA-Automatic Fire Sprinkler Workshop (1988)

INDOOR AIR QUALITY

Certified Indoor Environmentalist (2004-2006)

Certified Mold Remediation Seminar (2004-2006)
ASHRAE Building Envelope Seminar (2001)
University of Tulsa - Improving the Indoor Air Condition (1996)
University of Tulsa - Mold and Mildew in Hot Humid Climates (1994)
EPA Indoor Air Quality Seminar (1991, 1992, 1993)
Building Sciences – Mold, Mildew and Moisture (1991)
ASHRAE – Indoor Air Quality Seminar (1990)
Indoor Air Quality Conference (1989)

BUILDING COMMISSIONING

Total Building Commissioning – University of Wisconsin (2007)
LEED Accredited Professional (2009)

MISCELLANEOUS

Chapman School of Seamanship – Master or Mate Training (2001)
Florida Law for Design Professionals (2000)
Construction Claims in Florida (2000)
FES Forensic Engineering Seminar (1996)
Palm Beach Jr. College – U.L. Fire Rated Assemblies (1985)

Professional Affiliations

American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc. (ASHRAE)
National Fire Protection Association (NFPA)(1988-Present)
Indoor Air Quality Association (2004)
Florida Engineering Society (1987)
General Contractors Board, Martin County, Florida
American Society of Plumbing Engineers
International Association of Electrical Inspectors (1988)
Air Conditioning Contractors of America (1988)
National Society of Professional Engineers (1987)
Florida Engineering Society (1987)
Instructor Electrical Apprentices (1980-1984)
State of Florida Energy Technical Advisory Committee (2009 to present)

Professional Experience

WOJCIESZAK & ASSOCIATES, INC.

President, 1982 to present

David began working as an independent consulting engineer in 1982. Wojcieszak and Associates was founded and incorporated in 1984. The firm provides full services in the mechanical and electrical disciplines. David assumes many responsibilities within the company, including sales, human resources, engineering design, and project administration. The firm has prospered under his control and is held in the highest regard of architects, other consultants, and end users.

ARLINGTON ELECTRIC, INC.

Estimator/Project Manager, 1977-1982

David graduated from college and began working with Arlington Electric. During his first year, he achieved a journeyman electrician's status which enabled him to supervise electrical construction for a variety of jobs. After the first year, David was moved into the office to assume the role of estimator/project manager. He held this job until his departure in 1982. The job

encompassed all aspects of electrical construction including electrical design, estimating, materials procurement, and project management. David was responsible for fifty field employees who installed electrical work valued at two million dollars. During his tenure at Arlington Electric, he achieved the status of a state licensed electrical contractor and co-qualifier for the company. David left the company in 1982 to pursue his desire to become a consulting engineer.

ARLINGTON ELECTRIC, INC.

Electrician's Apprentice, 1973-1977

After graduating from high school, David attended college in 1973 in pursuit of a degree in electrical engineering. The job at Arlington Electric paralleled the collegiate course of study and helped reinforce his classroom studies. A major portion of his knowledge of the electrical industry was attained through his work as a delivery person. Equipment and material inventory also added to his education during this time.

Professional Background

During his time as a Registered Professional Engineer, David has realized the technical aspects of engineering are important. However, the ability to communicate these aspects to the client has proven to be more critical and challenging. David prides himself in achieving the skills to bridge the gap between engineering design and the client's project criteria. Technical knowledge and personal experience have provided an arena for David to develop a strong expertise in the mechanical and electrical disciplines. More importantly, he can easily communicate these technical issues to the client. His dual registration and construction experience has allowed him to become proficient in a variety of areas which are listed, but not limited, to the following:

ENGINEERING DESIGN

Project Types: Recreational, educational, institutional, commercial, water/waste water facilities, and high-end residences.

DESIGN DISCIPLINES

Fire Sprinkler, Electrical Power, Lighting, Communication, Plumbing, Heating, Ventilating, and Air Conditioning, Building Envelopes

ADMINISTRATION DISCIPLINES

Project Management	Feasibility Studies
Cost Analysis	Building Commissioning
Energy Analysis	Cost Estimating - New or remodeled projects

INDOOR AIR QUALITY

Building Surveys
Equipment Modification

BUILDING COMMISSIONING

Total Building Commissioning
LEED Certification

INSTRUCTION

Certified Indoor Environmentalist Certification (IAQA)	
Air Conditioning Module	Filtration Module
ASHRAE 62 Module	ASHRAE 55 Module

Legal Expertise

One aspect of being involved in engineering is the knowledge base one builds up over a period of time. This knowledge can be used to assist clients in determining the reason(s) of failure in many types of engineering applications. The primary focus is to mediate and correct the problems. However, in some instances, the legal system is called upon to initiate the resolution. David has assisted in this process with consulting services, deposition, and expert testimony in the areas of construction defects, electrocutions, cost analysis, and indoor air quality.

List of Recent Legal Cases

File No.	Name	Contact	Testimony for	Nature of Issue
2012.058	Minorca Condominium	Daniels Kashtan Downs/Cruz	Defendant	HVAC
2012.002	Skyline v. JM	Daniels Kashtan Downs/Cruz	Defendant	HVAC
2011.023	Formica v. Rosen	Daniels Kashtan Downs/Cruz	Defendant	Plumbing
S2929	Europa v. PAH v. Eliopoulos	Jones Foster Johnson & Stubbs	Defendant	HVAC
S2920	Smyth A/C Litigation	Quintairos, Presto, Wood, Boyer	Plaintiff	HVAC



EXPERIENCE OF THE FIRM

TITLE AND LOCATION (*City and State*): **City of Stuart IQ Main, Stuart, FL**

PROJECT OWNER'S INFORMATION - PROJECT OWNER:
City of Stuart, 121 SW Flagler Avenue, Stuart, FL 34994

PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Sam Amerson, PE**
PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: **772.288.5331**

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

Provided design, permitting and CEI services for a new IQ main from the Wastewater Treatment plant on Stypmann Blvd, down Georgia Ave to Martin Luther King Jr. Blvd., down along the western edge of the Public Safety Complex, to just south of the 10th Street Recreation Area Ball Fields batting cages. Construction was completed in early 2010. Phase II construction extended the lines from 10th Street to Dixie Highway to the Airport, across US1 to the Jail site and then down to Pomeroy/Willoughby Blvd. intersection. **Construction included over 32,000 L.F. of 12-30" pipe and over 6,700 L.F. of directional drilling and directional bores, when completed, under busy downtown streets, the FEC Railroad and several major thoroughfares such as U.S.1. CAPTEC worked with Phil Dover on this project.**

Project completed in 2012.

Prime Consultant.

**PROJECT COST: \$624,841.00 Phase I
\$2,672,818.20 Phase II**

RELEVANCE: Demonstrates CAPTEC'S large pipe design, permitting and CEI experience with the Utility Dept.

FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: CAPTEC Engineering, Inc.

TITLE AND LOCATION (*City and State*): **East Ocean Boulevard Sidewalk Improvements, Stuart, FL**

PROJECT OWNER'S INFORMATION - PROJECT OWNER:
City of Stuart, 101 SW Flagler Avenue, Stuart, FL 34994

PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Sam Amerson, PE**
PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: **772.288.5331**

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

This project entailed enhancing the existing crosswalks in downtown Stuart, primarily on Flagler Avenue, East Ocean Boulevard, and Colorado Avenue. Enhancements primarily included installing upgraded existing pedestrian crossing signs to fluorescent green colored signs, added crosswalk signs at locations that were previously omitted, added "crosswalk ahead" signs with flashing beacons at entrances to the downtown area, and added several brick paver crosswalks on East Ocean Boulevard at strategic locations including a raised crosswalk at the Memorial Park entrance. This project also involved replacement of the clay stormwater pipes and existing curbs, as well as lowering pavement grades to reduce flooding potential. This project was FDOT funded through LAP program. Project completed in 2012.

Prime Consultant.

PROJECT COST: \$630,289.69

RELEVANCE: Demonstrates CAPTEC'S public roadway traffic calming design and permitting experience with State and Federal funding.

FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: CAPTEC Engineering, Inc.

301 NW Flagler Avenue, Stuart, FL 34994 * 772.692.4344 * 772.692.4341



TITLE AND LOCATION (*City and State*): **Manatee Creek Stormwater Retrofit, Martin County, FL**

PROJECT OWNER'S INFORMATION - PROJECT OWNER:

Martin County Engineering Dept., 2401 SE Monterey Road, Stuart, FL 34996

PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Don Donaldson, PE**

PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: **772.288.5927**

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

Performed study, modeling, design & permitting of Phases I, II, & III of this Retrofit project to provide flood relief for the entire 883 acre basin. Improvements included creation of detention ponds, culvert design/ cleanout/ replacement and control structure design, replacement of 2 inadequately sized roadway crossing culverts in Manatee Creek with box culverts and removal of siltation in the Twin Lakes Detention Lake and the replacement of a Martin County Utility Wastewater Treatment Plant with a Stormwater Treatment Area (STA). Overall project goal was to provide water quality and to obtain a lower water surface profile throughout the upstream portion of Manatee Creek's Main Canal. The project was structured to include preparation of final design plans and specifications and bidding for construction in 3 phases with multiple contractors.

Prime Consultant.

PROJECT COST: \$2,500,000.00

RELEVANCE: Demonstrates CAPTEC'S Modeling/ Basin Analysis/ Alternative Resources/ Final Design/ Regulatory Permitting/ Grant Acquisition/ Construction, Engineering and Inspection Services.

FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: CAPTEC Engineering, Inc.

TITLE AND LOCATION (*City and State*): **Manatee Pocket Boardwalk, Martin County FL**

PROJECT OWNER'S INFORMATION - PROJECT OWNER:

Martin County Engineering Dept., 2401 SE Monterey Road, Stuart, FL 34996

PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Paul Bangs, PE**

PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: **772.288.5927**

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

The original project provided for planning, design, permitting and CEI services for boardwalks at the end of Bayview Street, Seaward Street & Salerno Road in the Manatee Pocket in the Port Salerno CRA. The second phase of the project included extending the Boardwalk northward of Bayview Street and southward from Salerno Road south and westward toward Dixie Highway along the Manatee Pocket. Services include surveying coordination. The existing boardwalk is located within the upland immediately adjacent to and waterward of the mean high water line. CAPTEC prepared an Environmental Resource Permit application; standard Florida Department of Environmental Protection (FDEP) & U.S. Army Corps of Engineers (ACOE) permit application were also prepared & submitted. Preparation of contract documents, pre-construction meeting attendance, limited construction inspections and field engineering certifications after receipt of as-built drawings by the County's contractor were also performed. Project completed 2011.

Prime Consultant.

PROJECT COST: \$250,000.00

RELEVANCE: Demonstrates CAPTEC'S marine design, permitting and CEI experience.

FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: CAPTEC Engineering, Inc.

301 NW Flagler Avenue, Stuart, FL 34994 * 772.692.4344 * 772.692.4341



TITLE AND LOCATION (*City and State*): **Coral Reef Seawall, Port St. Lucie, FL**

PROJECT OWNER'S INFORMATION - PROJECT OWNER:
City of Port St. Lucie, 900 SE Ogden Lane, Port St. Lucie FL 34984

PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Colt Schwerdt, PE**
PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: **772.871.7644**

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

Provide design, permitting, construction administrative services for the replacement of approximately 110 feet of the existing seawall. Post design services included preparation of the construction specifications and bid documents, answering questions about the design during the bid process, attending the pre-construction meeting and progress meetings, as needed, and resolving design issues identified in the field during construction.

Prime Consultant.

PROJECT COST: \$250,000.00

RELEVANCE: Demonstrates CAPTEC'S marine design, permitting and CEI experience.

FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: CAPTEC Engineering, Inc.

TITLE AND LOCATION (*City and State*): **Rio/St. Lucie Water Quality Retrofit, Martin County, FL**

PROJECT OWNER'S INFORMATION - PROJECT OWNER:
Martin County Engineering Dept., 2401 SE Monterey Road, Stuart, FL 34996

PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Greg Nolte, PE**
PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: **772. 221.2380**

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

Prepared a Preliminary Engineering Report to identify deficiencies in flood protection and water quality treatment in the basin and propose improvements to remedy deficiencies. Based upon County acceptance of that report CAPTEC prepared Grant application services, final design plans, provided permitting services, prepared construction drawings, and provided limited construction services for Phase IB stormwater improvements within the Rio / St. Lucie Water Quality Retrofit.

Prime Consultant.

PROJECT COST: \$750,000.00

RELEVANCE: Demonstrates CAPTEC'S stormwater design within a developed local residential neighborhood, permitting and CEI experience.

FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: CAPTEC Engineering, Inc



TITLE AND LOCATION (*City and State*): **Colorado Avenue Improvements, Stuart, FL**

PROJECT OWNER'S INFORMATION - PROJECT OWNER:

City of Stuart, 121 SW Flagler Avenue, Stuart, FL 34994

PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Sam Amerson, PE**

PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: **772.223.7943**

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

CAPTEC prepared design/permitting/CEI services for the Colorado Avenue corridor (including portions of MLK, Jr. Blvd. and Kindred Street). The existing roadway corridor was designed to facilitate on-street parking, landscaped curb extensions, bike lanes, 2-10'-wide travel lanes and a large landscaped median and a round-a-bout at Martin Luther King, Jr. Boulevard. Betsy Lindsay Surveying prepared a right-of-way maps of the corridor based on existing right of way maps, record plats and title information. Mapping was to provide accurate geometry (in state plane) of all Right-of Ways, (main, intersecting, abutting), parcels, easements, TIFF reservations/releases, tax parcel ID numbers. Previous deeds transferring from the City to the County (in existing R/W) were clearly mapped and identified. All "private" improvement encroachments into public R/W were clearly identified and mapped. Applicable ORB/PG and/or recording information was provided on the map or in a table form. A Survey Control network was established with state plane coordinates, along with a control sheet. Submit final map to the City of Stuart.

Prime Consultant.

PROJECT COST: \$1,350,000.00

RELEVANCE: Demonstrates CAPTEC'S Downtown traffic calming design, permitting and CEI experience and Betsy Lindsay's Surveying services.

FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: CAPTEC Engineering, Inc.

TITLE AND LOCATION (*City and State*): **City of Stuart Riverwalk Boardwalk Extension, Stuart, FL**

PROJECT OWNER'S INFORMATION - PROJECT OWNER:

City of Stuart, 121 SW Flagler Avenue, Stuart, FL 34994

PROJECT OWNER'S INFORMATION - POINT OF CONTACT NAME: **Sam Amerson, PE**

PROJECT OWNER'S INFORMATION - POINT OF CONTACT TELEPHONE NUMBER: **772. 288.5331**

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

CAPTEC has been contracted for the design, permitting, and construction administration services of the approximate 450 linear-foot boardwalk extension from St. Lucie Avenue to Colorado Avenue. Currently the project is within the permit phase and The City is securing FIND Grant funds for construction.

Prime Consultant.

PROJECT COST: \$350,000.00

RELEVANCE: Demonstrates CAPTEC'S marine design, permitting and CEI experience.

FIRMS FROM SECTION INVOLVED WITH THIS PROJECT: CAPTEC Engineering, Inc.

TRC Worldwide Engineering, Inc.

- Civil Projects

City of Fort Myers Downtown Basin Project

TRC Worldwide Engineering, Inc. performed design and construction administration on this community-centered Riverwalk. The project consisted of composite sheet pile retaining walls, light pole pedestals, decorative concrete monuments and a concrete pedestrian bridge along the river. The fully seawalled basin provides stormwater mitigation for 15 acres of vacant land; adds waterfront property for hotel, retail and restaurant development; and symbolically returns a portion of the waterfront to its historic shoreline, 2 blocks south of the present day shoreline. Basin design features create an attractive public space along the water's edge.



The basin project was completed in late 2012 and has won the **Engineering Excellence** award from the Florida Institute of Consulting engineers, the **Outstanding Redevelopment** award from the Florida Planning and Zoning Association, the **Excellence Award for Stormwater Programs and Projects** from the Florida Stormwater Association and earned the title of the **Public Works Project of the Year** from the American Public Association.

Alhambra Drive Sea Wall, City of Fort Myers, Florida

TRC Worldwide Engineering, Inc. performed design and construction administration on a new seawall to replace an old failing seawall owned by the City of Fort Myers along the Caloosahatchee River. The new seawall was installed landward of the existing failing wall and was constructed with driven composite sheet piles with a reinforced concrete cap.



Before



After

Royal Wood Water Control Structure
Collier County, Florida



TRC Worldwide Engineering, Inc. provided structural engineering services for this weir gated control structure as part of a drainage control project for the Lely area of Collier County.



Key Structural Components

- Reinforced concrete gated structure
- Retaining wall style concrete weir
- Walkway for gate operations

Design Team

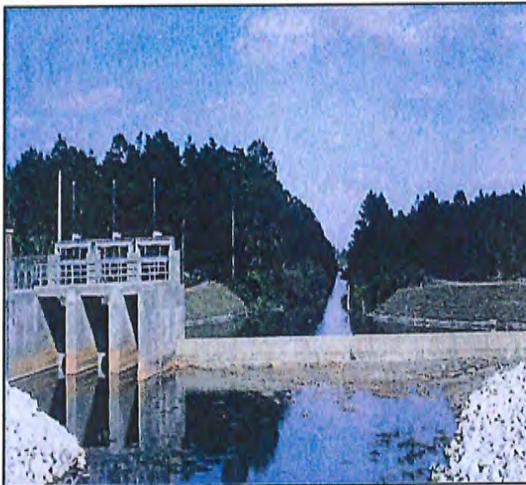
Owner	: Collier County, Florida
Civil / Water Management	: Agnoli, Barber & Brundage
Structural Engineer	: TRC Worldwide Engineering, Inc.
Construction Cost	: \$ 138,500

Kehl Canal Weir Replacement

Lee County, Florida



TRC Worldwide Engineering, Inc., provided structural engineering services to Lee County on this \$850,000 weir replacement structure as part of a critical flood control project for the Bonita Springs area.



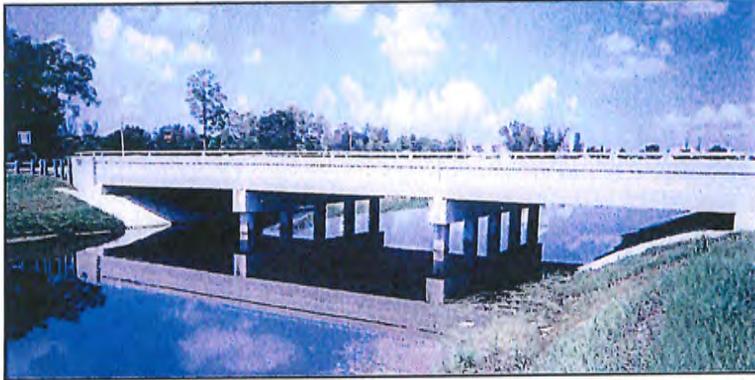
Key Structural Components

- Reinforced concrete gated structure
- Steel sheet pile cut-off walls
- Retaining wall style concrete weir

Design Team

Owner	: Lee County, Florida
Civil / Water Management	: Agnoli, Barber & Brundage
Structural Engineer	: TRC Worldwide Engineering, Inc.
Construction Cost	: \$ 850,000

Sunrise Entry Bridge Broward County, Florida



TRC Worldwide Engineering, Inc., provided structural engineering bridge design services on this new entry bridge for a new residential community.



Key Structural Components

- Two lanes and sidewalk companion span
- Pre stressed deck units
- CMU walls, shallow spread footings

Design Team

Owner : Regency Sunrise
Structural Engineer : TRC Worldwide Engineering, Inc.
New Construction : 98' Span
Construction Cost : \$260,000

Entry Bridge – Publix Shopping Center Indian River County, Florida



TRC Worldwide Engineering, Inc., provided structural engineering bridge design for the developer for this commercial area entry bridge. The bridge provides a major entry point into the shopping center.



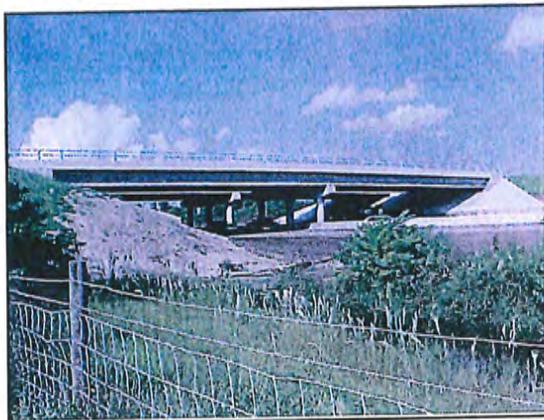
Key Structural Components

- 3-lane bridge with sidewalk
- Continuous reinforced concrete slab deck on reinforced concrete pier
- Pre stressed concrete bearing piles

Design Team

Owner/Developer : North American Properties
 Civil / Site Engineer : Carter & Associates, Inc.
 Structural Engineer : TRC Worldwide Engineering, Inc.
 New Construction : 58' Span
 Construction Cost : \$306,000

St. Lucie County West Turnpike Overpass St. Lucie County, Florida



TRC Worldwide Engineering, Inc. provided design and construction phase services for St. Lucie County on this overpass widening to allow continuation of a road widening from two to four lanes.

Key Structural Components

- Two lanes and sidewalk companion span
- AASHTO IV girders

Design Team

Owner : City of Port St. Lucie, Florida
Civil Engineer : Culpepper & Terpening, Inc.
Structural Engineer : TRC Worldwide Engineering, Inc.
New Construction : 216' Span
Construction Cost : \$1.3 Million

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 1
21. TITLE AND LOCATION <i>(City and State)</i> Sewer Master Plan Mapping (Martin County, FL)		22. YEAR COMPLETED PROFESSIONAL SERVICES: ongoing CONSTRUCTION (if Applicable): n/a

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Martin County Utilities	b. POINT OF CONTACT NAME Ted Robbins	c. POINT OF CONTACT TELEPHONE NUMBER 772-223-7943

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>	\$23,540
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- GIS Principal in ongoing effort to map and perform GIS analysis of the Martin County Utilities sewer system.
- Task 1- Creation of a map series of the existing wastewater collection system.
 - Task 2- Creation of a map series of the existing septic systems located throughout the MCU service area. The septic tank parcel GIS data will be provided by MCU. Map will include number of septic tanks per subdivision.
 - Task 3- Creation of a map series of the existing package plants located throughout the MCU service area.
 - Task 4- Collaborate on assigning flow values to existing developments that are not 100% built out. A map series will be produced to illustrate the flow rates and subject parcels.
 - Task 5- Collaborate on assigning flow values and maximum potential units to vacant parcels that may be developed in the future. A map series will be produced to illustrate the flow rates and subject parcels.
 - Task 6 – Creation of 6 flow reports on an as needed basis for comparison or use in the final master plan report.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	NorthStar Geomatics, Inc	Stuart, FL	GIS & Field Inventory
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION (City and State) Stormwater and Drainage Analysis of the C24/Monterrey and Cameo Watersheds Plan Mapping (Port St Lucie, FL)		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2014 CONSTRUCTION (if Applicable): n/a
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Port St Lucie	b. POINT OF CONTACT NAME Colt Schwerdt, PE	c. POINT OF CONTACT TELEPHONE NUMBER (772) 871-7644
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		\$23,500

NorthStar Geomatics prepared a topographic survey based on the North American Vertical Datum of 1988 and City of Port St. Lucie benchmarks and included the following:

Up to 50 canal cross sections with a finish floor elevation on each side of cross section, asbuilts of 5 discharge structures to C-24, 1 culvert under Florida Turnpike and 1 culvert under I-95, 1 structure in the Elkcam Waterway, and asbuilts of up to 10 internal culverts.

Provided survey techniques and accuracy utilizing Real Time Kinematic (RTK) GPS survey technology when possible. The accuracy of the survey technology generated a tolerance of up to 0.10 ft. The pipe inverts of field structures in the canals were obtained through the use of traditional survey methods and the accuracy of tolerance was 0.05 ft. for all data retrieved.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	NorthStar Geomatics, Inc	Stuart, FL	Land Surveying
b.			
c.			
d.			
e.			
f.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION (City and State) Updates to City GIS Layers of Fern & Poinciana Streets, & Dixie Highway Retention Areas (Stuart, FL)		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2013 CONSTRUCTION (if Applicable): n/a

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Stuart	b. POINT OF CONTACT NAME Milton Leggett	c. POINT OF CONTACT TELEPHONE NUMBER (772) 260-1271

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) **\$12,240**

NorthStar updated the City's Stormwater ArcSDE database with information provided by the City in paper and digital format in the following project areas:

- Eldorado Heights
- SR 707 from foot of old bridge to Wright Blvd
- Delaware Commons
- SE Tressler Drive / SE Casa Avenue

NorthStar also provided professional surveying to supplement and the City's existing records of the following areas:

- Fern Street -Topographic survey of West end of Fern Street out to and including sea-wall, asbuilt of baffle Box.
- Poinsetta Street – 10' increment cross sections in flooded area, asbuilt water main after it was exposed by City Staff. Cross Sections at the intersection with Dixie Highway and rim and invert elevations of stormwater structure.
- Dixie Highway – Obtain cross sections of triangular shaped retention area at the NW intersection of NW Palm Street and Dixie Highway, and cross sections of linear retention area adjacent to Dixie Highway for a distance of approximately 400'

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	NorthStar Geomatics, Inc	Stuart, FL	Land Surveying
b.			
c.			
d.			
e.			
f.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 4
21. TITLE AND LOCATION <i>(City and State)</i> Skyline Water Main Project (Martin County Florida)		22. YEAR COMPLETED PROFESSIONAL SERVICES 2014
		CONSTRUCTION (if Applicable)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Martin County Utilities	b. POINT OF CONTACT NAME Ted Robbins	c. POINT OF CONTACT TELEPHONE NUMBER (772) 223-79431

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)* **\$23,335**

Project Surveyor for Martin County's efforts to extend water service to approximately 250 residences on and near Skyline Drive.

NorthStar initially provided staking of the begin and end of each bore section at a 20 foot offset.

NorthStar then prepared signed and sealed asbuilt drawing after installation. Asbuilt information to be inserted into engineer's design CAD file. Asbuilt survey was prepared meeting Minimum Design & Construction Standards, Technical Services Division, Martin County Utilities and Solid Waste Department, as Revised July, 2012, Section XII-Record Drawings.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	NorthStar Geomatics, Inc	Stuart, FL	Land Surveying
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



BETSY LINDSAY, INC.

SURVEYING AND MAPPING

Similar Past Performance Activities

CAPTEC Engineering, Inc. Colorado Avenue from US1 to Confusion Corner
 Prepare a right of way map of the corridor based on existing right of way maps, record plats and title information. Mapping is to provide accurate geometry (in state plane) of all Right-of Ways, (main, intersecting, abutting), parcels, easements, TIFF reservations/releases, tax parcel ID numbers. Previous deeds transferring from the City to the County (in existing R/W) shall be clearly mapped and identified. All "private" improvement encroachments into public R/W are to be clearly identified and mapped. Applicable ORB/PG and/or recording information shall be provided on the map or in a table form. A Survey Control network shall be established with state plane coordinates, along with a control sheet. Submit final map to the City of Stuart.

City of Port St. Lucie Thornhill Drive
 This project is located on 450 SW Thornhill Drive in the City of Port St. Lucie, Florida. BLI prepared a boundary and topographic survey locating all existing above ground features with elevations. Acquire additional topography to clearly illustrate the existing drainage patterns of this site. Details for all existing drainage structures on the site and the connecting drainage structures on the adjoining Florida Turnpike property. Locate 12 utility pot hole locations. Prepare a survey drawing illustrating the boundary and existing features.

School Board of Martin County Salerno Leaning Center
 The Salerno Learning Center is located in Port Salerno, Florida. Set horizontal and vertical control to perform the survey. Perform and prepare a Topographic Survey on a portion of the Learning center for the purpose of designing a handicap ramp.

City of Stuart R/W Map Dixie Highway/Confusion Corner
 Prepare a right of way map of the corridor based on existing right of way maps, record plats and title information supplied by the client. Limits of the mapping shall be clearly defined. Mapping is to provide accurate geometry (in state plane) of all Right-of Ways, (main, intersecting, abutting), parcels, easements, TIFF reservations/releases, tax parcel ID numbers. Previous deeds transferring from the City to the County (in existing R/W) shall be clearly mapped and identified. All "private" improvement encroachments into public R/W are to be clearly identified and mapped. Applicable ORB/PG and/or recording information shall be provided on the map or in a table form. A Survey Control network shall be established with state plane coordinates, along with a control sheet. A preliminary map shall be submitted to the City and County Surveyor for review. The final product shall be reviewed and approved by the City and County Surveyor prior to acceptance.

Send all correspondence
 7997 SW Jack James Drive
 Stuart, FL 34997
 (772) 286-5753 • Fax (772) 286-5933

208 North U.S. Highway One, #8
 Tequesta, FL 33469
 (561) 575-5275

Mancil's Tractor Service, Inc. DanforthCreek Stormwater Quality Retrofit

This project is located off SR 714 along SW Leighton Farm Avenue in Palm City Florida. The construction staking and asbuilts for the Danforth Creek storm-water quality retrofit project included the horizontal and vertical control. Staking the silt fence. Staking and grading for the top of bank, toe of slope, littoral shelf, rip rap and the abutment. Performed a pre-construction topographic survey after the completion of the clearing. Performed an As-built survey of the newly constructed treatment area and prepared a record drawing the survey. Pre-construction topo of 5 percolator ponds at Martin Downs WWTP and prepared a final asbuilt for the ponds at the completion of the project.

Melvin Bush Construction Rio St. Lucie Stormwater

Recover and/or set horizontal and vertical for the construction staking. Stake and offset the drainage structures. Stake and grade the driveway and concrete flume. Perform and prepare final asbuilt survey on the site work when construction is completed.

City of Stuart Mangrove Park

Perform a Specific Purpose Survey of the all of blocks 1 and 2, and further including all of those dedicated roads situated and lying in the above, together with all that part of Okaloosa Drive situated and lying northerly of the south five fee of said Okaloosa Drive, less the west 10 feet of Lot 1, Block 1 and the west 10 feet of lots 1 and 2, block 2. The specific purpose Survey will not include the location of Mean High Water. Locate the landward limits of Mangroves and acquire topographic data at a 50-foot interval extending in to the mangroves to the edge of Poppleton Creek.

CAPTEC Engineering Bonita Street House of Hope

Establish vertical control referenced to NGVD 1929 and horizontal control Referenced to NAD83. Acquire two cross sections and topo locating top of bank and toe of slope in front of the western portion of the House of Hope on Bonita Street locate in Golden Gate Subdivision. Detail all existing drainage pipes. Acquire detailed topographic information on the parking lot and entrance drives located on lots 8, 9, and 10. Locate local control and input platted lot lines.

Send all correspondence
 7997 SW Jack James Drive
 Stuart, FL 34997
 (772) 286-5753 • Fax (772) 286-5933

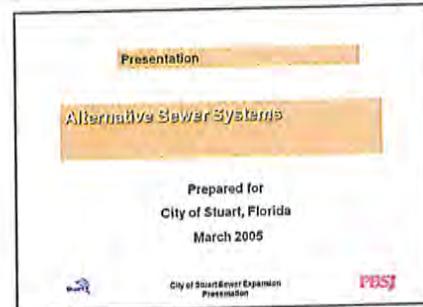
208 North U.S. Highway One, #8
 Tequesta, FL 33469
 (561) 575-5275

I. Completed Projects

Mr. Dover has worked with Stuart on projects since 2005 for:

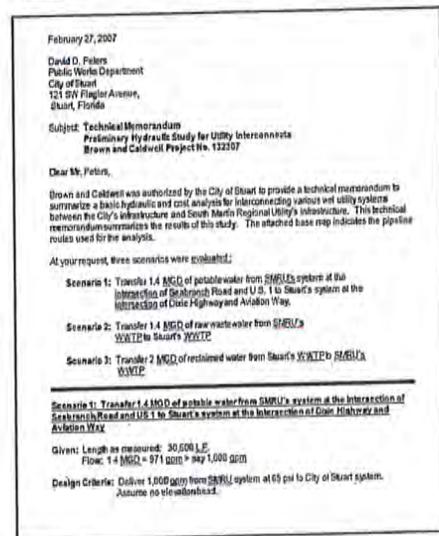
*2005 Alternative Sewer System Study and Presentation**

Mr. Dover prepared a report and presented it to the City Commission considering alternatives for a conceptual sanitary sewer expansion program. Low pressure grinderpump stations were one of the alternatives presented which included costs, maintenance and operation. The City subsequently moved forward with system expansion based on low pressure grinder systems.



*2007 Preliminary Hydraulic Study For Utility Interconnects**

Mr. Dover prepared a feasibility study and planning level cost estimate to interconnect the water, wastewater and reclaimed water utilities between the City, Martin County and South Martin Regional Utility (SMRU). Politics and funding put the project on hold for a period of time, but recent discussions look promising for using the City's reclaimed water for irrigation within SMRU's service area.

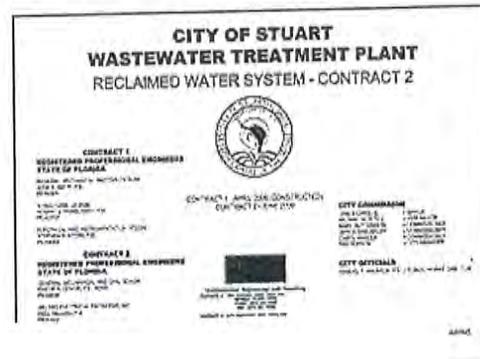


*2008 Reclaimed Water Design, Contract 2**

The City had already constructed a portion of the reclaimed water system (Phase I) in 2006 with the assistance of Alternative Water Supply (AWS) grant funding obtained from the South Florida Water Management District.

In 2008, the City commenced completion of the final system (Contract 2) with Mr. Dover as Project Manager and Engineer of Record. The services Mr. Dover provided included:

- Preparation of a Design Report
- Preparation of a Reuse Feasibility Plan



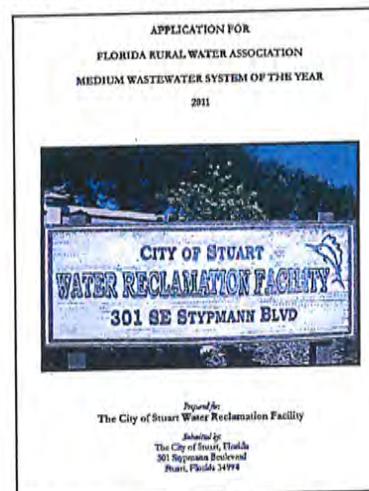
- Provided bidding and award services (including responding to City Purchasing's request to expedite answering bidder's questions while Mr. Dover was on vacation with his family)
- Coordinated high service pump design with hydraulic model scenarios prepared by transmission main consultant
- Prepared project package for submittal to SRF
- Facilitated FDEP permit approval
- Coordination with NorthStar Geomatics, Inc. for survey support

The final design included a high service pump station, disk filter, process and transfer pumps, controls, instrumentation, polymer system, sodium hypochlorite system, SCADA system, and modification of Digester No. 1 into a 500,000 gallon reclaimed storage tank.

2009-10 Reclaimed Water Construction, Contract 2*

In 2009-10, Mr. Dover provided construction services support that included the following:

- ARRA training with City staff
- O&M manuals
- Operating protocols
- Record drawings
- Periodic on-site compliance observation services
- Startup and commissioning
- Submittal review including conformance with Stimulus Funding requirements insuring all installed components complied with ARRA guidelines
- Pre-award assistance to process a change order for the high service reclaimed pump
- Contract administration in accordance with SRF requirements
- Project closeout



The plant won the Florida Rural Water Association Medium Wastewater System of the Year award in 2011.



Reclaimed SCADA System



First Reclaimed Water Produced



Compact Plant Site Required Working Around Many Existing Utility Conflicts

*Services provided by Mr. Dover while employed with another firm



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

CAPTEC Engineering, Inc.
301 NW FLAGLER AVE.
STUART, FL 34994

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

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

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

State of Florida

Board of Professional Engineers

Attests that

CAPTEC Engineering, Inc.



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

Expiration: 2/28/2015
Audit No: 228201504375

Certificate of Authorization

CA Lic. No:
7657

State of Florida

Department of State

I certify from the records of this office that CAPTEC ENGINEERING, INC. is a corporation organized under the laws of the State of Florida, filed on November 27, 1996.

The document number of this corporation is P96000097677.

I further certify that said corporation has paid all fees due this office through December 31, 2014, that its most recent annual report/uniform business report was filed on January 14, 2014, and its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Fourteenth day of January,
2014*



Ken Detjmer
Secretary of State

Authentication ID: CC4960541117

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

<https://efile.sunbiz.org/certauthver.html>

State of Florida

Board of Professional Engineers.

Attests that

Joseph William Capra, P.E.



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

Expiration: 2/28/2015

Audit No: 228201517975

P.E. Lic. No:

37638

State of Florida

Board of Professional Engineers

Attests that

Gary L.S. Jones, P.E.



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

Expiration: 2/28/2015

Audit No: 228201513477

P.E. Lic. No:

51985

State of Florida

Board of Professional Engineers

Attests that

Rhett R. Keene, P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
P.E. Lic. No: 65626
Expiration: 2/28/2015
Audit No: 228201510414

State of Florida

Board of Professional Engineers

Attests that

Marty L. Morlan, P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
P.E. Lic. No: 45326
Expiration: 2/28/2015
Audit No: 228201521689

Jeffrey D. McGee, P.E., S.I.

State of Florida

Board of Professional Engineers

Attests that

Jeffrey David McGee



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

Expiration: 2/28/2015

Audit No: 228201530538

Special Inspector

P.E. Lic. No: 45944

SI Lic. No: 1114

Derek A. Wassink, P.E., R.A., S.I., LEED AP

State of Florida
Board of Professional Engineers
Attests that
Derek A. Wassink
P.E.
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2015
Audit No: 228201530549
Special Inspector
P.E. Lic. No: 55303
SI Lic. No: 7020100

U.S. Green Building Council
HONOR CERTIFICATE THAT
Derek Wassink
HAS ACHIEVED THE DESIGNATION OF
LEED ACCREDITED PROFESSIONAL
BY THE U.S. GREEN BUILDING COUNCIL
FOR HIS/HER/ITS CONTRIBUTION TO THE DESIGN, CONSTRUCTION, OPERATION, MAINTENANCE, RENOVATION, AND/OR DEMOLITION OF GREEN BUILDINGS
Signature: [Signature] Date: 10/18/10
Signature: [Signature] Date: 10/18/10

 ANNE M. GANNON CONSTITUTIONAL TAX COLLECTOR Serving Palm Beach County Serving you.		P.O. Box 3353, West Palm Beach, FL 33402-3353 www.pbclax.com Tel: (561) 355-2264	**LOCATED AT** 19940 MONA RD Ste 4 TEQUESTA, FL 33469		
TYPE OF BUSINESS 54-0084 ENGINEER	OWNER DOVER PHILLIP	CERTIFICATION # 49858	RECEIPT #/DATE PAID 813.1388033 - 07/16/13	AMT PAID \$33.00	BILL # B40212575

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

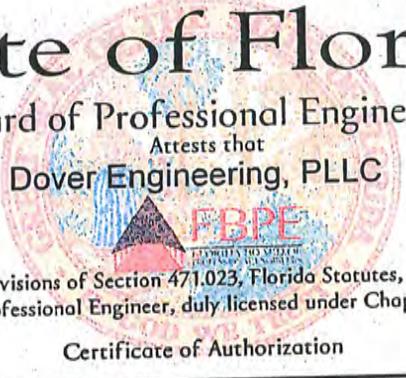
83 - 385

DOVER ENGINEERING PLLC
 DOVER ENGINEERING PLLC
 19940 MONA RD STE 4
 TEQUESTA, FL 33469


STATE OF FLORIDA
PALM BEACH COUNTY
2013/2014 LOCAL BUSINESS TAX RECEIPT
LBTR Number: 201251181
EXPIRES: SEPTEMBER 30, 2014

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

State of Florida
 Board of Professional Engineers
 Attests that
Dover Engineering, PLLC

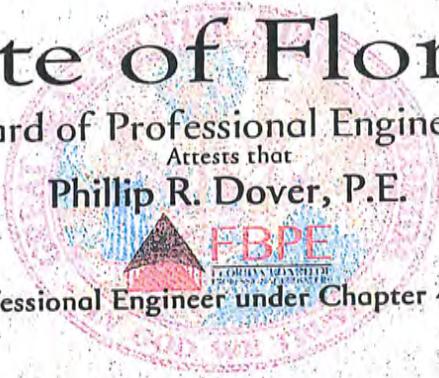


is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 2/28/2015
 Audit No: 228201500278

Certificate of Authorization
 CA Lic. No:
 29822

State of Florida
 Board of Professional Engineers
 Attests that
Phillip R. Dover, P.E.



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

Expiration: 2/28/2015
 Audit No: 228201501348

P.E. Lic. No:
 49858

State of Florida Department of State

I certify from the records of this office that DOVER ENGINEERING, PLLC, is a limited liability company organized under the laws of the State of Florida, filed on January 12, 2012.

The document number of this company is L12000005892.

I further certify that said company has paid all fees due this office through December 31, 2014, that its most recent annual report was filed on January 10, 2014, and its status is active.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Tenth day of January, 2014*



Ken Duffner
Secretary of State

Authentication ID: CC8704216417

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

<https://efile.sunbiz.org/certauthver.html>



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

License No.: **LS5565**
Expiration Date: February 28, 2015

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

DAVID JOSEPH WICHSER
7997 SW JACK JAMES DR
STUART, FL 34997-7242

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

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



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

License No.: **LS4724**
Expiration Date: February 28, 2015

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

ELIZABETH ANN LINDSAY
7997 SW JACK JAMES DR
STUART, FL 34997

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

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



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

License No.: **LB6852**
Expiration Date: February 28, 2015

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

BETSY LINDSAY INC
7997 SW JACK JAMES DR
STUART, FL 34997-7242

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

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

State of Florida

Department of State

I certify from the records of this office that BETSY LINDSAY, INC. is a corporation organized under the laws of the State of Florida, filed on January 20, 1998, effective January 20, 1998.

The document number of this corporation is P98000005966.

I further certify that said corporation has paid all fees due this office through December 31, 2013, that its most recent annual report/uniform business report was filed on January 31, 2013, and its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this is
the Thirty first day of January,
2013*



Ken DeFina
Secretary of State

Authentication ID: CC9682886459

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

<https://efile.sunbiz.org/certauthver.html>



TAB 5: INSURANCE

CAPTEC Engineering, Inc. presently maintains a Professional Liability Insurance policy that carries \$2 million/each occurrence and \$2 million/general aggregate coverage. Our General Liability Insurance policy carries \$2 million/each occurrence and \$4 million/general aggregate. Our Auto Insurance policy carries \$1 million/each occurrence combined single limit. We also carry a Workers Comp Insurance policy. All of the Certificates of Insurance for CAPTEC Engineering, Inc. are attached.

If CAPTEC Engineering, Inc. should enter into a contract with the City of Stuart, each Sub-Consultant will be responsible to carry the required limits on their insurance policies.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
6/13/2014

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 Tequesta Agency, Inc. dba Tequesta Insurance Advisors 218 S US Hwy 1, Ste 300 Tequesta FL 33469	CONTACT NAME: Gloria Arslan	
	PHONE (A/C, No, Ext): (561) 746-4546	FAX (A/C, No): (561) 746-9599
INSURED Captec Engineering Inc 301 NW Flagler Ave Ste 101 Stuart Fl 34994	E-MAIL ADDRESS: garslan@tequestainsurance.com	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A: American Casualty Co. of	NAIC # 20427
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES CERTIFICATE NUMBER: 14/15 AI Master 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 INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC			2071695956	2/28/2014	2/28/2015	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000
A	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS			2071695956	2/28/2014	2/28/2015	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	UMBRELLA LIAB EXCESS LIAB DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ WC STATUTORY LIMITS OTH-ER
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
Contract: REI #2014-146 "Professional Civil Engineering Services"

If required by written contract, the Certificate Holder is an Additional insured per form SB146968A attached to the General Liability policy. Form SB146968A is attached for reference.

CERTIFICATE HOLDER The City of Stuart 121 S.W. 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 Mark Kasten/GLORIA

IMPORTANT: THIS ENDORSEMENT CONTAINS DUTIES THAT APPLY TO THE ADDITIONAL INSURED IN THE EVENT OF OCCURRENCE, OFFENSE, CLAIM OR SUIT. SEE PARAGRAPH C., OF THIS ENDORSEMENT FOR THESE DUTIES.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**BLANKET ADDITIONAL INSURED ENDORSEMENT
WITH PRODUCTS-COMPLETED OPERATIONS COVERAGE**

&

BLANKET WAIVER OF SUBROGATION

Architects, Engineers and Surveyors

This endorsement modifies insurance provided under the following:

**BUSINESSOWNERS LIABILITY COVERAGE FORM
BUSINESSOWNERS COMMON POLICY CONDITIONS**

- A. WHO IS AN INSURED (Section C.)** of the Businessowners Liability Coverage Form is amended to include as an insured any person or organization whom you are required to add as an additional insured on this policy under a written contract or written agreement; but the written contract or written agreement must be:
1. Currently in effect or becoming effective during the term of this policy; and
 2. Executed prior to the "bodily injury," "property damage," or "personal and advertising injury."
- B.** The insurance provided to the additional insured is limited as follows:
1. That person or organization is an additional insured solely for liability due to your negligence specifically resulting from "your work" for the additional insured which is the subject of the written contract or written agreement. No coverage applies to liability resulting from the sole negligence of the additional insured.
 2. The Limits of Insurance applicable to the additional insured are those specified in the written contract or written agreement or in the Declarations of this policy, whichever is less. These Limits of Insurance are inclusive of, and not in addition to, the Limits of Insurance shown in the Declarations.
 3. The coverage provided to the additional insured within this endorsement and section titled **LIABILITY AND MEDICAL EXPENSE DEFINITIONS – "Insured Contract" (Section F.9.)** within the Businessowners Liability Coverage Form, does not apply to "bodily injury" or "property damage" arising out of the "products-completed operations hazard" unless required by the written contract or written agreement.
- 4.** The insurance provided to the additional insured does not apply to "bodily injury," "property damage," "personal and advertising injury" arising out of an architect's, engineer's, or surveyor's rendering of or failure to render any professional services including:
- a. The preparing, approving, or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications by any architect, engineer or surveyor performing services on a project of which you serve as construction manager; or
 - b. Inspection, supervision, quality control, engineering or architectural services done by you on a project of which you serve as construction manager.
- 5.** This insurance does not apply to "bodily injury," "property damage," or "personal and advertising injury" arising out of:
- a. The construction or demolition work while you are acting as a construction or demolition contractor. This exclusion does not apply to work done for or by you at your premises.
- C. BUSINESSOWNERS GENERAL LIABILITY CONDITIONS – Duties In The Event of Occurrence, Offense, Claim or Suit (Section E.2.)** of the Businessowners Liability Coverage Form is amended to add the following:
- An additional insured under this endorsement will as soon as practicable:
1. Give written notice of an occurrence or an offense to us which may result in a claim or "suit" under this insurance;

2. Tender the defense and indemnity of any claim or "suit" to us for a loss we cover under this Coverage Part;
3. Tender the defense and indemnity of any claim or "suit" to any other insurer which also has insurance for a loss we cover under this Coverage Part; and
4. Agree to make available any other insurance which the additional insured has for a loss we cover under this Coverage Part.

We have no duty to defend or indemnify an additional insured under this endorsement until we receive written notice of a claim or "suit" from the additional insured.

D. OTHER INSURANCE (Section H. 2. & 3.) of the Businessowners Common Policy Conditions are deleted and replaced with the following:

2. This insurance is excess over any other insurance naming the additional insured as an insured whether primary, excess, contingent or on any other basis unless a written contract or written agreement specifically requires that this insurance be either primary or primary and noncontributing to the additional insured's own coverage. This insurance is excess over any other insurance to which the additional insured has been added as an additional insured by endorsement.
3. When this insurance is excess, we will have no duty under Coverages **A** or **B** to defend the additional insured against any "suit" if any other insurer has a duty to defend the additional insured

against that "suit" if no other insurer defends, we will undertake to do so, but we will be entitled to the additional insured's rights against all those other insurers.

When this insurance is excess over other insurance, we will pay only our share of the amount of the loss, if any, that exceeds the sum of:

- (a) The total amount that all such other insurance would pay for the loss in the absence of this insurance; and
- (b) The total of all deductible and self-insured amounts under all that other insurance.

We will share the remaining loss, if any, with any other insurance that is not described in this Excess Insurance provision and was not bought specifically to apply in excess of the Limits of Insurance shown in the Declarations of this Coverage Part.

E. TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (Section K.2.) of the Businessowners Common Policy Conditions is deleted and replaced with the following:

2. We waive any right of recovery we may have against any person or organization against whom you have agreed to waive such right of recovery in a written contract or agreement because of payments we make for injury or damage arising out of your ongoing operations or "your work" done under a contract with that person or organization and included within the "products-completed operations hazard."

50020005620716958561360





CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
06/17/2014

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 PAYCHEX INSURANCE AGENCY, INC. 150 SAWGRASS DRIVE ROCHESTER, NY 14620	CONTACT NAME: Paychex Insurance Agency Inc
	PHONE (A/C, NO. EXT): 877-266-6850 FAX (A/C, No): 585-389-7426
	E-MAIL ADDRESS: Certs@paychex.com
	INSURER(S) AFFORDING COVERAGE
INSURED Paychex Business Solutions, Inc. CAPTEC ENGINEERING INC 911 PANORAMA TRAIL SOUTH ROCHESTER, NY 14625-0397	INSURER A: ILLINOIS NATIONAL INSURANCE COMPANY
	INSURER B:
	INSURER C:
	INSURER D:
	INSURER E:
	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.		

NSR TR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	011732318	06/01/2014	06/01/2015	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000.00 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000.00 E.L. DISEASE - POLICY LIMIT \$ 1,000,000.00

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
Worker's Compensation coverage is provided to only those employees leased to, but not subcontractors of the named insured.
REI #2014-146 ?Professional Civil Engineering Services?

CERTIFICATE HOLDER The City of Stuart 121 S.W. 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, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.
	AUTHORIZED REPRESENTATIVE <i>Margaret M. Refsg</i>



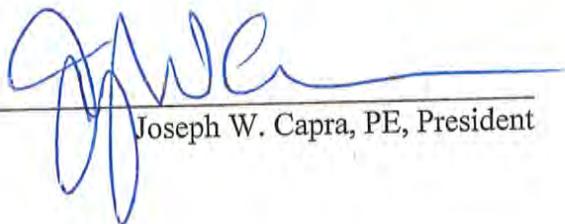
Tab 6: Prohibition against Contingent Fees/Non-Collusion/Conflict of Interest Disclosure

Project: REI #2014-146 - Professional Civil Engineering Services

The respondent warrants that he 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 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 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.

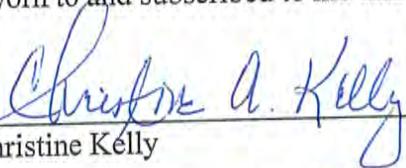
There are no known potential conflicts of interest, real or apparent, that the respondent, employee, officer, or agent of CAPTEC Engineering, Inc. may have due to ownership, other clients, contracts or interests associated with this project.



Joseph W. Capra, PE, President

**County of Martin
State of Florida**

Sworn to and subscribed to me this 18th day of June, 2014.



Christine Kelly

Notary Public Signature

My commission expires: 9/19/16

Personally known





TAB 7: OTHER INFORMATION

CAPTEC Engineering, Inc. maintains a prequalification certification with the Florida Department of Transportation (FDOT) and has LAP experience. The annual prequalification certificate is currently in the process of being renewed by June 30, 2104. **CAPTEC**, also, is a Small Business Enterprise.



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

July 29, 2013

Joseph Capra, President
CAPTEC ENGINEERING, INC.
301 NW Flagler Avenue
Stuart, Florida 34994

Dear Mr. Capra:

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

- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
 - 3.2 - Major Highway Design
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.3 - Signalization
- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection

Your overhead audit has been approved, enabling your firm to compete for projects with estimated fees of any dollar amount. This status shall be valid until June 30, 2014 for contracting purposes.

Overhead Rate	Home/Branch Office	Facilities Capital Cost of Money	Overtime Premium Reimbursed	Direct Expense 1.51% (Home)
	133.48%	0.369%		

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

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator



Local Agency Program &
Federal Highway Administration
Certification and Recertification CBT



Certificate of Completion

This form certifies that I have completed the Computer-Based Training, or CBT, course specified for the Local Agency Plan and Florida Highway Administration Certification and Recertification. This includes all sections contained within the CBT and the review of any suggested, recommended, and/or required reading materials.

I certify that I understand the information provided within the above-mentioned CBT course and its related materials. I know where and how to locate the CBT and its related materials when needed for reference in my everyday work activities. I also understand it is now incumbent upon me to apply the information contained within the above-mentioned CBT course and its related materials in my work activities.

Joseph W. Capra, P.E.

Your Name

CAPTEC Engineering, Inc. / City of Port St. Lucie

Agency Represented

Date Course Completed

December 11, 2013

Please Note: To receive credit for the completion of the Computer-Based Training, you are responsible for the delivery of this document, after filling out, to your District LAP Administrator. The District LAP Administrator is responsible for submitting a copy to the State LAP Administrator.



Local Agency Program &
Federal Highway Administration
Certification and Recertification CBT



Certificate of Completion

This form certifies that I have completed the Computer-Based Training, or CBT, course specified for the Local Agency Plan and Florida Highway Administration Certification and Recertification. This includes all sections contained within the CBT and the review of any suggested, recommended, and/or required reading materials.

I certify that I understand the information provided within the above-mentioned CBT course and its related materials. I know where and how to locate the CBT and its related materials when needed for reference in my everyday work activities. I also understand it is now incumbent upon me to apply the information contained within the above-mentioned CBT course and its related materials in my work activities.

Gary L.S. Jones, P.E.

Your Name

City of Port St. Luice

Agency Represented

Date Course Completed

February 7, 2014

Please Note: To receive credit for the completion of the Computer-Based Training, you are responsible for the delivery of this document, after filling out, to your District LAP Administrator. The District LAP Administrator is responsible for submitting a copy to the State LAP Administrator.



Local Agency Program &
Federal Highway Administration
Certification and Recertification CBT



Certificate of Completion

This form certifies that I have completed the Computer-Based Training, or CBT, course specified for the Local Agency Plan and Florida Highway Administration Certification and Recertification. This includes all sections contained within the CBT and the review of any suggested, recommended, and/or required reading materials.

I certify that I understand the information provided within the above-mentioned CBT course and its related materials. I know where and how to locate the CBT and its related materials when needed for reference in my everyday work activities. I also understand it is now incumbent upon me to apply the information contained within the above-mentioned CBT course and its related materials in my work activities.

Rhett Keene, P.E.

Your Name

CAPTEC Engineering, Inc. / City of Port St. Lucie

Agency Represented

Date Course Completed

February 27, 2014

Please Note: To receive credit for the completion of the Computer-Based Training, you are responsible for the delivery of this document, after filling out, to your District LAP Administrator. The District LAP Administrator is responsible for submitting a copy to the State LAP Administrator.



Local Agency Program &
Federal Highway Administration
Certification and Recertification CBT



Certificate of Completion

This form certifies that I have completed the Computer-Based Training, or CBT, course specified for the Local Agency Plan and Florida Highway Administration Certification and Recertification. This includes all sections contained within the CBT and the review of any suggested, recommended, and/or required reading materials.

I certify that I understand the information provided within the above-mentioned CBT course and its related materials. I know where and how to locate the CBT and its related materials when needed for reference in my everyday work activities. I also understand it is now incumbent upon me to apply the information contained within the above-mentioned CBT course and its related materials in my work activities.

Harold L. Tourjee, Jr.

Your Name

CAPTEC Engineering, Inc. / City of Port St. Lucie

Agency Represented

Date Course Completed

February 27, 2014

Please Note: To receive credit for the completion of the Computer-Based Training, you are responsible for the delivery of this document, after filling out, to your District LAP Administrator. The District LAP Administrator is responsible for submitting a copy to the State LAP Administrator.



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

REGISTERED VENDOR NO.: 102666

August 19, 2013

CERTIFICATION EXPIRATION DATE
August 19, 2016

Ms. Patricia Capra, Vice President
CAPTEC Engineering Inc.
301 NW Flagler Avenue
Stuart, FL 34994

Dear Ms. Capra:

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

Professional Engineering Consulting Services

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

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

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

Certification is not a guarantee that your firm will receive work, nor an assurance that your firm will remain in the District's vendor database.

We look forward to a mutually beneficial working relationship.

Sincerely,

A handwritten signature in blue ink that reads "Colleen M. Robbs".

Colleen M. Robbs
Sr. Compliance Specialist
Procurement Bureau

/cr



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

REGISTERED VENDOR NO.: 119131

May 9, 2012

CERTIFICATION EXPIRATION DATE
May 9, 2015

Mr. Phillip Dover, PE
President
Dover Engineering, PLLC
19940 Mona Road, Suite 4
Tequesta, FL 33469

Dear Mr. Dover:

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

Professional Engineering Services

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

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

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

Certification is not a guarantee that your firm will receive work, nor an assurance that your firm will remain in the District's vendor database.

We look forward to a mutually beneficial working relationship.

Sincerely,

A handwritten signature in cursive script that reads "Colleen M. Robbs".

Colleen M. Robbs
Sr. Compliance Specialist
Procurement Bureau

/cr



TAB 8: ADDENDA



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

6/16/14
Date

CAPTEC Engineering, Inc.
Firm

EXHIBIT B

“ORIGINAL REQUEST FOR PROPOSAL AS ISSUED BY CITY”

EXHIBIT C

“PROFESSIONAL'S PERSONNEL HOURLY RATE SCHEDULE”

EXHIBIT ‘A’

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



CAPTEC HOURLY RATES

Principle / Expert Witness.....	\$ 165.00/hour
PE / Construction Director	\$ 150.00/hour
PE / Sr. Project Manager	\$ 130.00/hour
PE / Construction Project Manager.....	\$ 130.00/hour
Project / Design Manager	\$ 120.00/hour
Construction Project Manager.....	\$ 110.00/hour
Assistant Project Manager / EI.....	\$ 95.00/hour
Civil Design Technician.....	\$ 85.00/hour
Field Representative/Inspector	\$ 85.00/hour *
Office Manager	\$ 65.00/hour
Production Coordinator	\$ 55.00/hour

*Includes travel / mileage costs

TYPICAL REIMBURSABLE EXPENSES CHART

Reimbursable Expense	Actual/Estimated Cost	Cost
Mileage	Actual	\$.325/mile
Tolls	Actual	varies
Overnight Deliveries	Estimated*	Ground: \$5 Letter: \$20 Pak: \$25 Tube: \$30 Box: \$35
Printing (in-house): B/W Xeroxing Color: Letter Legal Ledger Blueprints Color Half-size B/W Blueprints Half-size Color Blueprints Mylars	Actual	\$.05 per page \$.25 per page \$.50 per page \$1 per page \$2.00 per sheet \$4.00 per sheet \$.50 per sheet \$1.50 per sheet \$5.00 per sheet
Printing (outside source)	Actual	
CD	Actual	\$1/ea.

*Actual cost depends upon package weight: provider – UPS.

EXHIBIT D

“INSURANCE AND INDEMNIFICATION”



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
6/13/2014

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 Tequesta Agency, Inc. dba Tequesta Insurance Advisors 218 S US Hwy 1, Ste 300 Tequesta FL 33469	CONTACT NAME: Gloria Arslan	FAX (A/C. No.): (561) 746-9599	
	PHONE (A/C. No. Ext): (561) 746-4546	E-MAIL ADDRESS: garslan@tequestainsurance.com	
INSURED Captec Engineering Inc 301 NW Flagler Ave Ste 101 Stuart FL 34994	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: American Casualty Co. of		20427
	INSURER B:		
	INSURER C:		
	INSURER D:		
	INSURER E:		
INSURER F:			

COVERAGES CERTIFICATE NUMBER: 14/15 AI Master 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 INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY	X		2071695956	2/28/2014	2/28/2015	EACH OCCURRENCE \$ 2,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						MED EXP (Any one person) \$ 10,000
	GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC						PERSONAL & ADV INJURY \$ 2,000,000
A	AUTOMOBILE LIABILITY			2071695956	2/28/2014	2/28/2015	GENERAL AGGREGATE \$ 4,000,000
	<input type="checkbox"/> ANY AUTO ALL OWNED AUTOS						PRODUCTS - COMP/OP AGG \$ 4,000,000
	<input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	UMBRELLA LIAB OCCUR						BODILY INJURY (Per person) \$
	EXCESS LIAB CLAIMS-MADE						BODILY INJURY (Per accident) \$
	DED RETENTION \$						PROPERTY DAMAGE (Per accident) \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						Y/N N/A
ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below							EACH OCCURRENCE \$
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)							AGGREGATE \$
Contract: REI #2014-146 "Professional Civil Engineering Services"							WC STATUTORY LIMITS \$
If required by written contract, the Certificate Holder is an Additional insured per form SB146968A attached to the General Liability policy. Form SB146968A is attached for reference.							OTHER \$
							E.L. EACH ACCIDENT \$
							E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$

CERTIFICATE HOLDER The City of Stuart 121 S.W. 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 Mark Kasten/GLORIA

IMPORTANT: THIS ENDORSEMENT CONTAINS DUTIES THAT APPLY TO THE ADDITIONAL INSURED IN THE EVENT OF OCCURRENCE, OFFENSE, CLAIM OR SUIT. SEE PARAGRAPH C., OF THIS ENDORSEMENT FOR THESE DUTIES.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**BLANKET ADDITIONAL INSURED ENDORSEMENT
WITH PRODUCTS-COMPLETED OPERATIONS COVERAGE**

&

BLANKET WAIVER OF SUBROGATION

Architects, Engineers and Surveyors

This endorsement modifies insurance provided under the following:

BUSINESSOWNERS LIABILITY COVERAGE FORM
BUSINESSOWNERS COMMON POLICY CONDITIONS

- A. WHO IS AN INSURED (Section C.)** of the Businessowners Liability Coverage Form is amended to include as an insured any person or organization whom you are required to add as an additional insured on this policy under a written contract or written agreement; but the written contract or written agreement must be:
1. Currently in effect or becoming effective during the term of this policy; and
 2. Executed prior to the "bodily injury," "property damage," or "personal and advertising injury."
- B.** The insurance provided to the additional insured is limited as follows:
1. That person or organization is an additional insured solely for liability due to your negligence specifically resulting from "your work" for the additional insured which is the subject of the written contract or written agreement. No coverage applies to liability resulting from the sole negligence of the additional insured.
 2. The Limits of Insurance applicable to the additional insured are those specified in the written contract or written agreement or in the Declarations of this policy, whichever is less. These Limits of Insurance are inclusive of, and not in addition to, the Limits of Insurance shown in the Declarations.
 3. The coverage provided to the additional insured within this endorsement and section titled **LIABILITY AND MEDICAL EXPENSE DEFINITIONS – "Insured Contract" (Section F.9.)** within the Businessowners Liability Coverage Form, does not apply to "bodily injury" or "property damage" arising out of the "products-completed operations hazard" unless required by the written contract or written agreement.
- 4.** The insurance provided to the additional insured does not apply to "bodily injury," "property damage," "personal and advertising injury" arising out of an architect's, engineer's, or surveyor's rendering of or failure to render any professional services including:
- a. The preparing, approving, or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications by any architect, engineer or surveyor performing services on a project of which you serve as construction manager; or
 - b. Inspection, supervision, quality control, engineering or architectural services done by you on a project of which you serve as construction manager.
- 5.** This insurance does not apply to "bodily injury," "property damage," or "personal and advertising injury" arising out of:
- a. The construction or demolition work while you are acting as a construction or demolition contractor. This exclusion does not apply to work done for or by you at your premises.
- C. BUSINESSOWNERS GENERAL LIABILITY CONDITIONS – Duties In The Event of Occurrence, Offense, Claim or Suit (Section E.2.)** of the Businessowners Liability Coverage Form is amended to add the following:
- An additional insured under this endorsement will as soon as practicable:
1. Give written notice of an occurrence or an offense to us which may result in a claim or "suit" under this insurance;

2. Tender the defense and indemnity of any claim or "suit" to us for a loss we cover under this Coverage Part;
3. Tender the defense and indemnity of any claim or "suit" to any other insurer which also has insurance for a loss we cover under this Coverage Part; and
4. Agree to make available any other insurance which the additional insured has for a loss we cover under this Coverage Part.

We have no duty to defend or indemnify an additional insured under this endorsement until we receive written notice of a claim or "suit" from the additional insured.

D. OTHER INSURANCE (Section H. 2. & 3.) of the Businessowners Common Policy Conditions are deleted and replaced with the following:

2. This insurance is excess over any other insurance naming the additional insured as an insured whether primary, excess, contingent or on any other basis unless a written contract or written agreement specifically requires that this insurance be either primary or primary and noncontributing to the additional insured's own coverage. This insurance is excess over any other insurance to which the additional insured has been added as an additional insured by endorsement.
3. When this insurance is excess, we will have no duty under Coverages **A** or **B** to defend the additional insured against any "suit" if any other insurer has a duty to defend the additional insured

against that "suit" if no other insurer defends, we will undertake to do so, but we will be entitled to the additional insured's rights against all those other insurers.

When this insurance is excess over other insurance, we will pay only our share of the amount of the loss, if any, that exceeds the sum of:

- (a) The total amount that all such other insurance would pay for the loss in the absence of this insurance; and
- (b) The total of all deductible and self-insured amounts under all that other insurance.

We will share the remaining loss, if any, with any other insurance that is not described in this Excess Insurance provision and was not bought specifically to apply in excess of the Limits of Insurance shown in the Declarations of this Coverage Part.

E. TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (Section K.2.) of the Businessowners Common Policy Conditions is deleted and replaced with the following:

2. We waive any right of recovery we may have against any person or organization against whom you have agreed to waive such right of recovery in a written contract or agreement because of payments we make for injury or damage arising out of your ongoing operations or "your work" done under a contract with that person or organization and included within the "products-completed operations hazard."

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